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Date: March 6, 2001
Refer to: ER2001-0209

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Mr. John Young, Corrective Action Project Leader
Permits Management Program
NMED – Hazardous Waste Bureau
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Santa Fe, NM 87502

SUBJECT: SUBMITTAL OF RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) FACILITY INVESTIGATION (RFI) FOR SOLID WASTE MANAGEMENT UNIT (SWMU) 0-030(g)

Dear Mr. Young:

Enclosed are two copies of the Los Alamos National Laboratory Environmental Restoration Project's RCRA RFI Report for SWMU 0-030(g).

If you have any questions or concerns please feel free to call Dave McInroy at (505) 667-0819 or Ted Taylor at (505) 665-7203.

Sincerely,

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

Sincerely,

Theodore J. Taylor, Project Manager
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Enclosures: Certification
RFI Report for SWMU 0-030(g)

7524

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Document Title: RFI Report for SWMU 0-030(g)

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environmental restoration project

A Department of Energy
Environmental Cleanup Program

LA-UR-00-5378
February 2001
ER2000-0647

RFI Report for SWMU 0-030(g)

Data disks included with this document

Los Alamos
NATIONAL LABORATORY
Los Alamos, NM 87545

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EXECUTIVE SUMMARY

This report addresses the Resource Conservation and Recovery Act (RCRA) facility investigation (RFI) at solid waste management unit (SWMU) 0-030(g), a former septic system and outfall. It is located on private and Los Alamos County property, north of Canyon Road and west of the intersection of Canyon Road and Central Avenue. The mesa-top location of the septic tank is currently under pavement of a driveway for an unoccupied private residence, the old Catholic Church. Future land use for the mesa-top area is residential. The owners of the land have an approved building permit to construct 120 apartments on the site. In the plans, a parking lot will cover the former location of the septic system. The drainage from the area of the former septic tank leads into Acid Canyon in an area owned by the county of Los Alamos and forms a tributary of upper Acid Canyon. Acid Canyon is a narrow, ½-mile-long side canyon to the much larger Pueblo Canyon, which extends to Los Alamos Canyon. The use of this land is recreational and is not expected to change in the future. The results of this investigation have been evaluated separately for the mesa-top area and the canyon drainage area of SWMU 0-030(g) due to the differences in the current and potential land uses (i.e., residential for the mesa top and recreational for the canyon portion of the SWMU) and the potential receptors.

The SWMU is inactive; the septic tank and associated drainlines were removed as part of a 1993 RFI. The septic system was part of the SWMU Group 0-3 of Operable Unit (OU) 1071, which consisted of 13 septic tanks installed in the 1940s. Most of these sanitary septic tanks remained in use until the central wastewater treatment plant (SWMU 0-019) was completed in late 1947. This septic tank received waste from Technical Area 1 (TA-1), an area in which some of the buildings of the original Laboratory site were located. The septic tank was 32 ft long x 22 ft wide x 6.5 ft deep. A center baffle separated the tank into east and west chambers. Although the top of the tank was not present, its sides were intact and made of reinforced concrete. The top of the tank was removed when the tank was abandoned to permit backfilling of the tank, or when the gas main was installed across the southwest corner of the tank. A vitrified-clay outlet drainline ran northeast of the tank, for approximately 50 ft, to the edge of the mesa.

The RFI activities at SWMU 0-030(g) were conducted over a period of approximately six years. The initial field investigations were conducted in accordance with the "RFI Work Plan for Operable Unit 1071" (LANL 1992, 07667). The RFI commenced in 1993 with geophysical and geodetic surveys designed to locate the septic tank and drainlines. Once located, the septic tank contents were sampled for waste characterization, the contents were removed, concrete samples of the tank were collected, and samples beneath the septic tank were collected to determine if there had been releases from the tank. Subsequently the septic tank, the drainlines, and 12–18 in. of tuff were excavated and disposed of at Area G, TA-54, in 1993. Confirmatory samples were then collected beneath where the septic tank and drainlines had been located. The results of this initial investigation were presented in an RFI report for SWMU 0-030(g) in 1995 (LANL 1995, 51983).

Beginning in 1996 and continuing in 1998 and 1999, additional sampling on the mesa top and in the SWMU 0-030(g) drainage channel was conducted to better define the nature and extent of the contamination and provide data necessary for assessing the potential risk to human and ecological receptors. The 1996 sampling was in response to New Mexico Environment Department (NMED) concerns regarding polychlorinated biphenyl (PCB) contamination in the drainage channel area. The 1998 sampling was in response to additional NMED comments and concerns with the 1995 RFI report and was based on the sampling and analysis plan (SAP) written in August 1998 (LANL 1998, 59917). The investigations conducted during May 1999 and September 1999 in the drainage channel addressed NMED concerns and were based on the SAP for the drainage channel area at SWMU 0-030(g) (LANL 1999, 63027). The subsequent investigations consisted of the following tasks:

- 1996 Drainage Channel—The drainage channel below the outfall was sampled for PCBs only in 1996. The sample locations included two sites previously sampled in 1993 for metals, radionuclides, semivolatile and volatile organic chemicals, pesticides, and PCBs and 1994 locations that had been sampled for radionuclides only. The samples were collected from the steep hillslope below the outfall as well as from the drainage channel extending approximately 250 ft north of the hillslope.

- 1998 Mesa Top—The sampling conducted on the mesa top was intended to augment the 1993/1994 RFI confirmation data associated with the former septic tank and vitrified clay pipe drainline. The data demonstrated that the extent of contamination from these structures was defined. The investigation involved sampling tuff beneath the former structures at the same, or similar, locations sampled in 1994 and at several depths at each location. A total of 16 "reconfirmation" samples were collected from the tuff beneath the former location of the septic tank, beneath the former location of the outlet line from several depths, and beneath the former location of the inlet line. These samples were collected via hand auger, drill rig coring, and backhoe trenching between September 3 and September 9, 1998. Samples were analyzed for target analyte list (TAL) metals, PCBs/pesticides, semivolatile organic chemicals (SVOCs), volatile organic chemicals (VOCs), isotopic americium, plutonium and uranium, tritium, and other radiochemicals via gamma spectroscopy. Full-suite analysis was conducted on all 1998 samples. Hexavalent chromium (Cr+6) was analyzed for in two samples.

- 1999 Drainage Channel—The sampling was designed to geomorphically characterize the sediment in the SWMU 0-030(g) drainage channel. This characterization included mapping, physical descriptions of the sediment, and particle-size analysis, with the purpose of bounding the lateral and vertical extents of post-1942 sediments and determining the distribution of contamination in the sediments. The sample locations were chosen based on the geomorphic mapping and analysis and included relatively young and old sediments, fine-grained and coarse-grained sediments, and sites in the upgradient and downgradient portions of the drainage channel. In addition, samples were collected from the stream channel sediments in the bottom of Acid Canyon upstream and downstream of the SWMU 0-030(g) drainage channel. Fourteen samples were collected in May 1999: eight from the drainage channel and six from the Acid Canyon stream channel. These samples were analyzed for PCBs, TAL metals, isotopic plutonium, isotopic uranium, and americium-241. The NMED/Department of Energy (DOE) Oversight Bureau (OB) also participated in this sampling event and collected eight separate sediment samples: seven from the SWMU 0-030(g) drainage channel and one from the Acid Canyon stream channel downstream from its confluence with the SWMU 0-030(g) drainage channel. A second sampling event occurred in September 1999 to resample the May 1999 sample locations for pesticides and to collect two additional samples from locations where the

NMED/DOE OB had previously collected samples. These latter two samples were analyzed for all suites of concern.

The sample data have adequately defined the nature and extent of the contamination associated with both the mesa top and drainage channel portions of the SWMU. Contamination beneath the former locations of the septic tank and drainlines extended into the tuff a few feet below the former structures. The downgradient extent of SWMU 0-030(g) was defined by the unmaintained service road at the bottom of Acid Canyon which currently acts as a barrier to most of the flow within the drainage channel leading from the former septic tank outfall. North of this road is a stream channel at the bottom of Acid Canyon that receives non-point-source runoff from the surrounding area.

The review of all available RFI data identified 11 chemicals of potential concern (COPCs) on the mesa top (8 inorganic chemicals, 2 radionuclides, and 1 pesticide) and 33 COPCs in the drainage channel. The latter COPCs comprised 13 inorganic chemicals either detected or with detection limits above background values (BVs), 6 radionuclides detected above background or fallout values, and 14 organic chemicals (VOCs, PCBs, and pesticides) detected in the sediment and/or tuff. Most of the COPCs identified at this SWMU were consistent with the contents of the former septic tank. Each of these COPCs was evaluated as to its potential for unacceptable risk to human and ecological receptors.

The human-health screening assessment found that several COPCs were detected above their screening action levels (SALs) (for carcinogens) or 0.1 SAL (for noncarcinogens), both on the mesa and in the drainage channel. Chromium and antimony exceeded their respective SALs or 0.1 SALs on the mesa, but did not pose an unacceptable risk to human health. Lead, thallium, aroclor-1254, arsenic, dieldrin, toxaphene, plutonium-239, and uranium-234 exceeded their respective SALs or 0.1 SALs in the drainage channel and were evaluated further to determine if they posed a potential risk to receptors. These COPCs were subsequently evaluated using a recreational scenario because this is more representative of current and future land use. This assessment found that the contaminants in the drainage channel do not pose the potential for unacceptable hazard, risk, or dose to an adult or child recreational user. Therefore, the human-health screening assessment of the COPCs at SWMU 0-030(g) did not find the potential for unacceptable risk to human receptors either on the mesa or in the drainage channel.

The ecological screening assessment identified 21 chemicals of potential ecological concern (COPECs) by comparison with ecological screening levels (ESLs). These COPECs pose no potential for adverse impacts to ecological receptors due to

- the relatively low hazard quotients (HQs)/hazard indices (HIs) for each receptor and COPEC,
- the infrequent detection of COPECs along the drainage channel,
- the broad distribution of receptor populations in Acid Canyon in relation to the area of contamination (the drainage channel),
- the conservative nature of the ESLs,
- the similarity of exposure concentrations to background concentrations for the inorganic chemicals, and
- the abundant species and healthy habitat found in Acid Canyon.

The samples collected from the bottom of Acid Canyon did not show an increase in concentrations of COPCs downstream from SWMU 0-030(g) to indicate any contaminant contributions from this SWMU. The analytical results indicated that fewer COPCs occur at lower concentrations in the Acid Canyon

stream channel than in the SWMU 0-030(g) drainage channel. The surface water assessment for SWMU 0-030(g) resulted in a score of 47.2, which included 23.5 for site setting, a runoff score of 16.7, and a run-on score of 7.0. The results of the assessment indicate a moderate potential for erosion and indicate that contaminant transport from the SWMU via surface water or sediment is likely. However, surface runoff from SWMU 0-030(g) into the drainage channel currently terminates at the bottom of Acid Canyon in the deposition area south of the unmaintained service road before it reaches the Acid Canyon stream channel. Infrequent heavy runoff events may occasionally cause overflow to move over the service road and into the stream channel.

As a result of the site assessments for SWMU 0-030(g), the SWMU is recommended for no further action (NFA), based on Criterion 5 (Table ES-1). This criterion states that the SWMU has been characterized or remediated in accordance with current applicable state or federal regulations, and that the available data indicate that chemicals of concern are either not present or are present in concentrations that would pose an acceptable level of risk under the projected future land use (NMED 1998, 57897).

Table ES-1

Summary of Proposed Actions

SWMU Number	SWMU Description	HSWA	Radionuclide Component	Proposed Action	Rationale for Recommendation	Section Number
0-030(g)	Septic system	Yes[a]	Yes	NFA, Criterion 5[b]	Acceptable risk to human and ecological receptors	2.0

[a] The site is listed in Module VIII of the Laboratory's Hazardous Waste Facility Permit.

[b] NFA Criteria are listed in Section II.B.4.a.(4).(b), "No Further Action (NFA) Proposals Criteria," in the *NMED RCRA Permits Management Program Document Requirement Guide* (NMED 1998, 57897).

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1.0 INTRODUCTION

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

The Laboratory's Environmental Restoration (ER) Project is involved in a national effort by the DOE to clean up facilities that were formerly involved in weapons 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 SWMUs or areas of concern (AOCs). SWMU 0-030(g) is located within the Los Alamos town site (Figure 1.0-1).

This investigation, including sampling and analysis, was conducted in accordance with RCRA requirements. The current Installation Work Plan (IWP) (LANL 1998, 62060) describes the methodologies used in the investigation and analysis. For SWMU 0-030(g), the investigation took place in accordance with the Hazardous and Solid Waste Amendments of 1984 (HSWA) and met the requirements in Module VIII of the Laboratory's Hazardous Waste Facility Permit (EPA 1990, 01585). Module VIII was issued to the Laboratory by the US Environmental Protection Agency (EPA) on May 23, 1990, and modified on May 19, 1994. Radionuclides are regulated under DOE Order 5400.5, "Radiation Protection of the Public and the Environment" (proposed rule 10 CFR 843.5 in 58 FR 16268). The radionuclides identified at SWMU 0-030(g) are discussed in section 2.0 of this report.

A list of acronyms and a glossary of terms is located in Appendix A. The current and anticipated future land use of the areas that include the SWMU are discussed, in detail, in Appendix B, Section B-1.0, Operational History and Land Use. Sections B-2.0 through B-6.0 include a detailed discussion of the climate, geology, hydrology, ecological resources, and cultural resources for this general area. Appendix C includes the complete quality assurance/quality control (QA/QC) results. Appendix D provides an abridged version of the data for the investigation, and the complete data have been submitted to the Administrative Authority (AA) in electronic format. Appendix E provides statistical calculations. Appendix F provides chemical fate and transport information, risk calculations, and the ecological scoping checklist. Appendix G summarizes the administrative history of the SWMU.

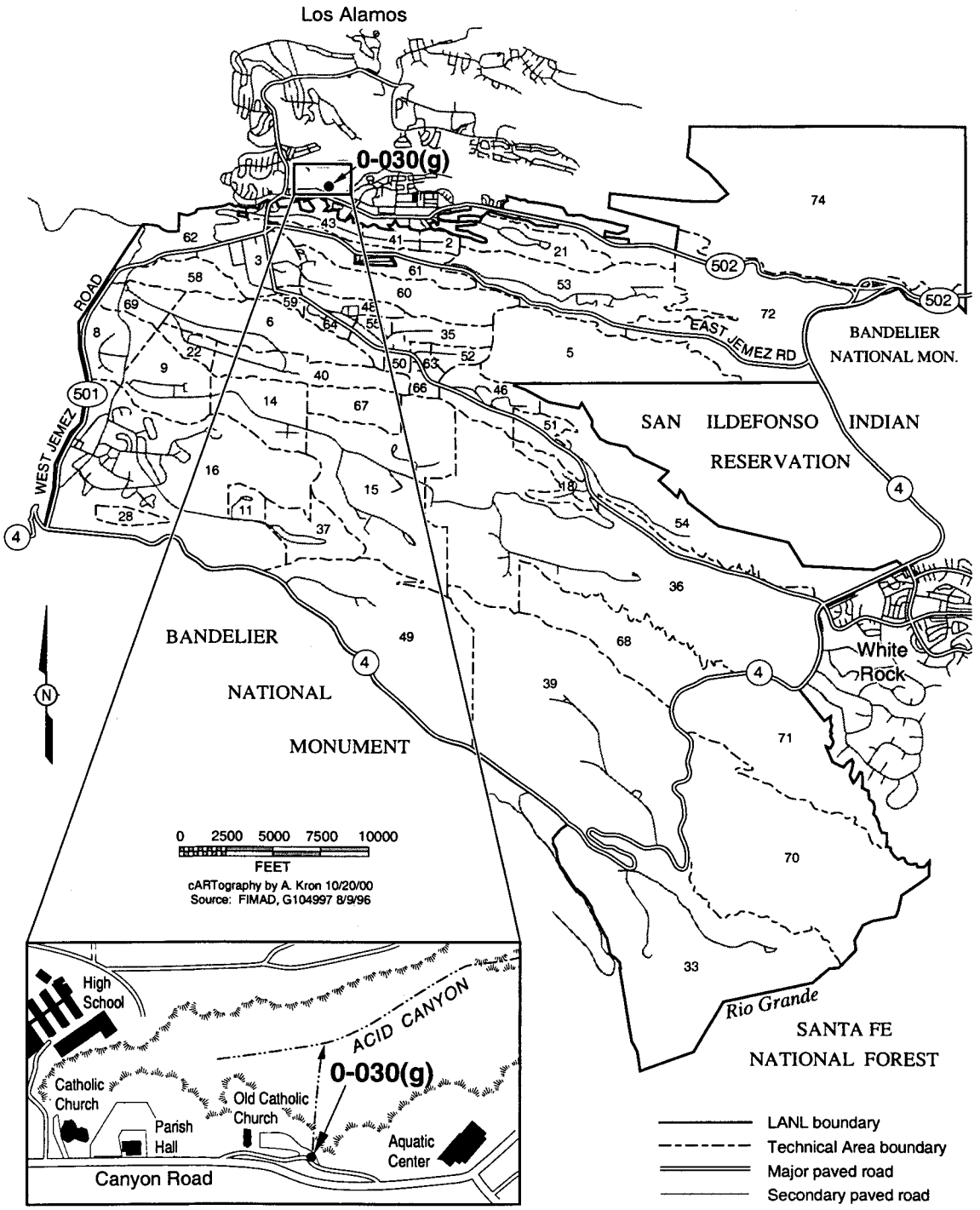

Figure 1.0-1. Location of SWMU 0-030(g) with respect to Laboratory technical areas and surrounding landholdings

2.0 SWMU 0-030(g) SEPTIC TANK AND OUTFALL

2.1 Summary

SWMU 0-030(g) is a former septic system that included a septic tank, inlet and outlet lines, and an outfall. The purpose of the RFI was to determine

- the location of the septic tank, drainlines, and outfall at SWMU 0-030(g);
- the nature and extent of contamination associated with potential releases from the SWMU; and
- the potential risk associated with the contaminants released by the septic tank.

The RFI activities were conducted over a period of approximately six years, starting in 1993. Preliminary activities included geophysical and geodetic surveys to locate the SWMU. Subsequently, the tank and drainlines were excavated, sampled, and removed. Confirmatory samples were then collected. Following evaluation of the data, boreholes were completed to collect deeper samples in order to define extent of contamination. Sediment sampling was carried out in two areas. The first was the drainage channel leading from the SWMU outfall to its confluence with the stream channel at the bottom of Acid Canyon. This channel will be referred to in this report as the *SWMU 0-030(g) drainage channel* or the *drainage channel*. The second sediment sampling area was the stream channel at the bottom of Acid Canyon into which the drainage channel flows, referred to in this report as the *Acid Canyon stream channel* or the *stream channel*. Samples collected in both of these areas came from sediment deposits in, or adjacent to, the channels. A total of 88 site-characterization samples were collected over the life of the investigation and were analyzed for one or more of the following: VOCs, SVOCs, PCBs and pesticides, inorganic chemicals, and radionuclides. A history of the RFI activities is presented in Table 2.0-1, and details of the RFI activities are discussed in section 2.3.4.2, "Field Investigation." The administrative history is detailed in Appendix G.

Table 2.0-1

History of RFI Activities at SWMU 0-030(g)

Date	Activity
6/18/93	Field investigations at the septic tank began, in accordance with the RFI work plan (LANL 1992, 07667).
6/94	Sampling began in the drainage channel, in accordance with the RFI work plan (LANL 1992, 07667).
10/96	Additional drainage channel samples collected for PCB analysis in response to a notice of deficiency (NOD) (NMED 1996, 62509).
9/1/98	Deeper samples were collected from the mesa-top portion of the SWMU, in accordance with the SAP (LANL 1998, 59917).
5/99	Samples collected in canyon area to define extent, in accordance with the SAP (LANL 1999, 63027).
5/3-4/99	Samples were collected in canyon area by NMED OB.
9/29/99	Samples were collected in canyon area and on slope, for pesticides, in accordance with the SAP (LANL 1999, 63027).

The nature and extent of the contamination associated with the septic tank and outfall at SWMU 0-030(g) has been defined by the various RFI sampling events. The COPCs included inorganic chemicals, radionuclides, PCBs, and pesticides. Most of the COPCs were detected in the drainage channel below

the outfall in Acid Canyon. A similar set of COPCs was detected in the stream channel at the bottom of Acid Canyon but generally at lower concentrations. Fewer COPCs were detected in the tuff beneath the septic tank and drainlines. Details are discussed in section 2.3.5.1, "Nature and Extent of Contamination."

The unmaintained service road at the bottom of Acid Canyon defines the downgradient extent of SWMU 0-030(g). If the SWMU 0-030(g) septic tank and outfall were put into service prior to road construction, surface water runoff and effluent would have initially flowed unimpeded into the Acid Canyon stream channel. However, since its construction, the road has acted as a barrier to flow within the drainage channel from the former septic tank outfall. Because of the road, surface water runoff in the drainage channel does not generally reach the stream channel in the bottom of Acid Canyon. Runoff from exceptionally heavy storm events may occasionally overtop the road for brief periods of time. In spite of the possibility that the service road may have been constructed after installation of the septic tank and outfall, and that heavy runoff may occasionally overtop the road, the stream channel data appear to illustrate that there are other sources of contamination upcanyon from SWMU 0-030(g) and that these sources contribute most of the contaminants to the Acid Canyon stream channel in the vicinity of SWMU 0-030(g). An additional Acid Canyon investigation is planned and has been partially implemented by the Canyons Focus Area. Details are included in section 2.3.5.2, "Environmental Fate."

As a result of the human-health screening assessment, no COPCs found on the mesa were retained for further evaluation. The drainage channel COPCs were evaluated using recreational sediment guidelines because the current and future land use for this area is represented by a recreational scenario. The human-health screening evaluation concluded that the concentrations of COPCs did not represent an unacceptable risk to the recreational users of this area. Details of the human-health screening assessment are discussed in section 2.4.2.1, "Human Health." Chemical fate and transport information, as well as risk calculations, is provided in Appendix F.

The ecological screening assessment concluded that the COPECs remaining in the sediment along the drainage channel do not pose the potential for adverse impacts to ecological receptors. No adverse impacts to the ecological receptors in Acid Canyon are apparent from activities at this SWMU. Details of the ecological screening assessment are discussed in section 2.4.2.2, "Ecological Screening."

This SWMU is recommended for NFA, criterion 5, based on the RFI conducted at SWMU 0-030(g) and on the results of the human-health and ecological screening assessments. This criterion states that the SWMU has been characterized or remediated in accordance with current applicable state or federal regulations, and that the available data indicate that contaminants of concern are either not present or are present in concentrations that would pose an acceptable level of risk under the projected future land use (NMED 1998, 57897). Details are included in section 2.5, "Conclusions and Recommendations."

2.2 Description and Operational History

SWMU 0-030(g) is identified as a SWMU in Module VIII of the Laboratory's Hazardous Waste Facility Permit (EPA 1990, 01585). The following sections present the site description (section 2.2.1) and the operational history (section 2.2.2).

2.2.1. Site Description

Physical Description

SWMU 0-030(g) was a sanitary septic system installed in the 1940s. It was located north of Canyon Road and west of the Canyon Road and Central Avenue intersection (Figure 2.2-1). The septic tank, referred to as Septic Tank #6 (LANL 1992, 07667), was located on private property that is currently used as an

access driveway and parking lot. The outfall was located on the mesa edge and canyon slope on Los Alamos County property. The canyon portion of the SWMU includes a drainage channel that is a tributary of upper Acid Canyon. Acid Canyon is a narrow, ½-mile-long side canyon to the much larger Pueblo Canyon. The channel at the bottom of Pueblo Canyon extends to Los Alamos Canyon.

The septic tank was 32 ft long x 22 ft wide x 6.5 ft deep. A center baffle separated the tank into east and west chambers. Although the top of the tank was not present, its sides were intact and made of reinforced concrete. The top of the tank was removed and the tank was backfilled at the time it was abandoned, or the top was later removed to permit the installation of the gas line that crossed the southwest corner of the tank. The sides and bottom of the tank appeared to be structurally sound with no cracks or breaks that would have allowed releases from the tank. The vitrified clay outlet drainline ran northeast of the tank for approximately 50 ft to the edge of the mesa where the outfall was located (Figure 2.2-2). A portion of the outlet line nearest the tank had been previously removed but the remainder of the line was intact at the time of the initial RFI. The location of the inlet line was determined based on the discovery of several broken pieces of vitrified clay pipe (VCP) and remnants of a trench that had been excavated approximately 6–8 in. into the tuff. However, an intact inlet line was not discovered and it was assumed that the line had been previously removed, possibly during installation of the gas pipeline that crosses the site.

Land Use

The current and anticipated future operations and land use of SWMU 0-030(g) differs for the mesa portion of the SWMU and the canyon portion. The private property on the mesa is zoned for residential land use. The owners of the land, Housing Solutions, have an approved building permit to construct 120 apartments on the land. The plans show that a parking lot will be located on top of the former location of Septic Tank #6 (Causey 2000, 66783). Currently, the former site of the septic tank is partially beneath the asphalt driveway to the old Catholic Church. The canyon portion of the SWMU belongs to the county of Los Alamos. The use being made of this land is currently recreational and it is designated as protected wilderness. Previous attempts to develop the canyon portion of the SWMU have been unsuccessful due to public sentiment. Therefore, no changes to this designation are anticipated. SWMU 0-030(g) is an isolated site and there are no nearby SWMUs or AOCs that potentially affect the recommendations for this site.

Environment

The site-specific climatic conditions do not differ from those described for the general area in Appendix B-2.0, Climate.

The site-specific geology and soils are similar to those described for the general area in Appendix B, sections B-3.1, "Geologic Setting," and B-3.2, "Soils." Soil types in the vicinity of SWMU 0-030(g) have not been officially mapped; on the mesa they consist predominantly of shallow well-drained soils that formed in material weathered from tuff on the gently to strongly sloping surface. Such soils consist of fine sandy loam or sandy loam. The steeper canyon slopes are 65–90% tuff outcrop, and soils, when present, are very shallow and undeveloped.

The portion of SWMU 0-030(g) on the mesa (septic tank and inlet and outlet drainlines) were excavated into the Bandelier Tuff. Thin deposits of fill material and soil locally overlie the tuff, and large areas of tuff are exposed along the edge of the mesa.

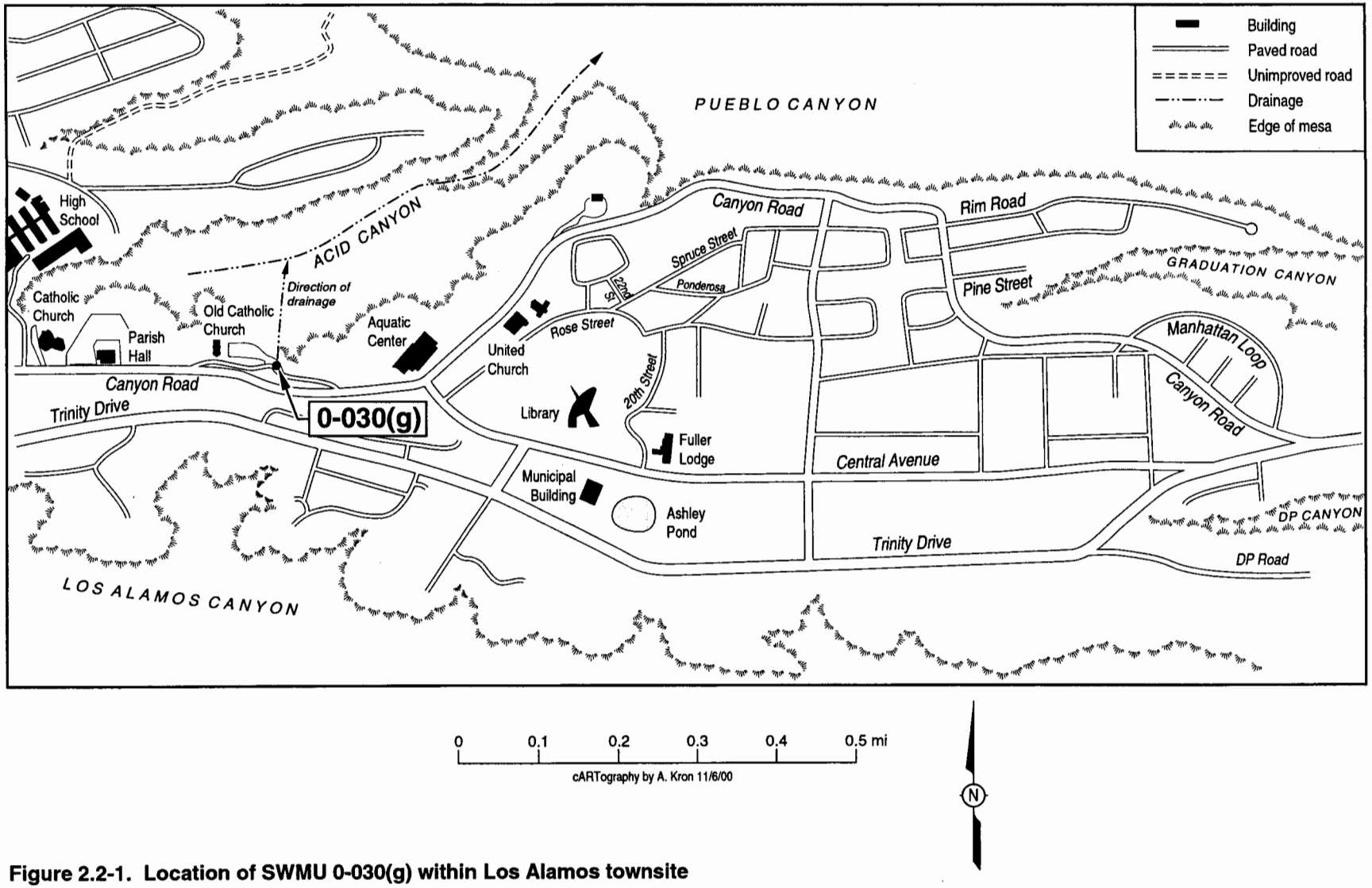

Figure 2.2-1. Location of SWMU 0-030(g) within Los Alamos townsite

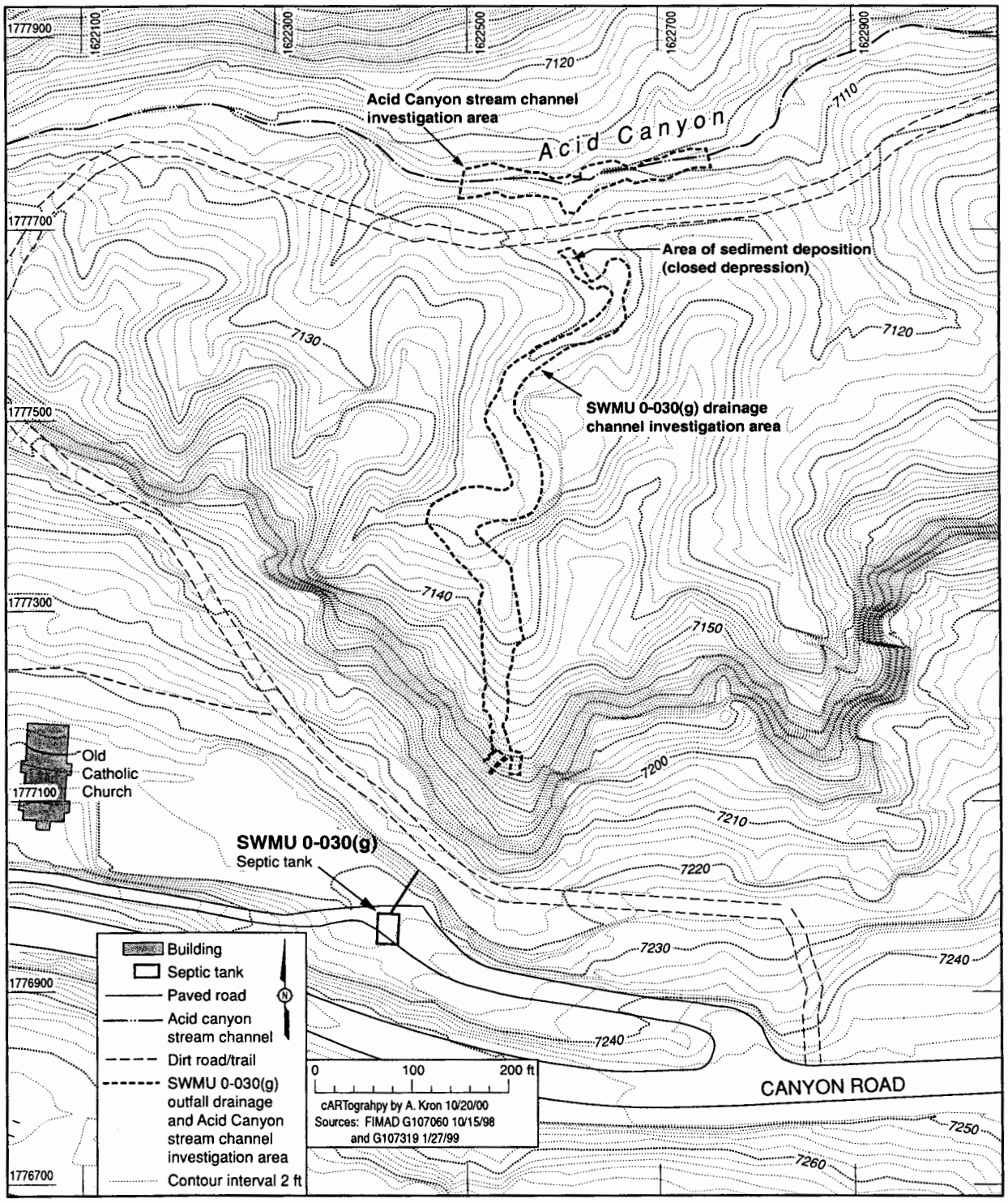

Figure 2.2-2. Site map for SWMU 0-030(g)

There are no wetlands, springs, surface-water monitoring stations, or groundwater production wells within the vicinity of SWMU 0-030(g). There are also no other SWMUs within the vicinity that could potentially affect the recommendations for the SWMU.

Stormwater run-on to the SWMU is in the form of sheet flow from the slope above the site. Run-on volume is limited because Canyon Road, located a short distance upgradient of the site, limits the area from which stormwater flow can reach the SWMU. The small amount of runoff that leaves the site flows into the drainage channel that previously received discharge from the SWMU. There is also a storm drain that funnels water from Canyon Road via culverts to the same drainage channel. Ultimately, both the runoff from the site and the storm drain water do flow to the area of sediment deposition at the end of the SWMU 0-030(g) drainage channel formed where the dirt road crosses the channel near the bottom of the canyon. Active erosion in the channel is negligible.

Cultural and Biological Resources

Cultural resource surveys were conducted during 1991, 1992, and 1994 for the ER Project for OU 1071 (Larson 1993, 28310). There are no archaeological sites in the area of SWMU 0-030(g) that are eligible for inclusion in the National Register of Historic Places. General information regarding the cultural resource surveys is included in Appendix B, section B-6.0.

The Biological Resource Evaluation Team (BRET) of the Environmental Protection Group has conducted biological resource field surveys for OU 1071, TA-0, -19, -28, -73, and -74 (Biggs 1996, 62928). The portion of SWMU 0-030(g) located in the church driveway and parking lot does not contain natural plant and animal communities. Therefore, biological surveys were not conducted for this area of the mesa. The canyon portion of SWMU 0-030(g) has not been developed; therefore, a biological assessment was conducted for this area. General information regarding ecological resources in the area is included in Appendix B, section B-5.0.

This area of Acid Canyon is designated as a wilderness area by the county of Los Alamos and, as such, permitted activities are very limited. The canyon has a variety of terrestrial receptors and is characterized by a mixed conifer community dominated by Ponderosa pine, Douglas fir, juniper, bearberry, gambel oak, and grasses (Biggs 1996, 62928). Terrestrial receptors probably include the deer mouse, red squirrel, mule deer, elk, cottontail, and a variety of small birds. The canyon bottom is relatively flat and provides excellent habitat for receptors. The ecological scoping checklist for SWMU 0-030(g) is provided in Appendix F, section F-5.0.

There is also an area of Acid Canyon which contains riparian habitat in the form of an ephemeral stream channel that is located in the canyon bottom approximately 700 ft from the SWMU. This stream channel traverses the length of Acid Canyon and eventually joins with Pueblo Canyon. The stream channel receives runoff from a variety of developed areas both upstream and downstream of SWMU 0-030(g). The channel appears stable and is well vegetated with grasses, shrubs, and trees, including willow, Ponderosa pine, mountain ash, and maple. There does not appear to be any aquatic receptors present in this portion of the stream channel because of the frequent lack of water. Terrestrial receptors probably use the area and are similar to those mentioned above for the mixed conifer forest community.

Threatened and endangered (T&E) species are potential receptors for contaminant release to the sediments in this portion of Acid Canyon. The T&E review of the investigation area in Acid Canyon found that this area is approximately 180 ft away from potential Mexican spotted owl nesting habitat and is within an area where the owl can conservatively be assumed to forage at a medium frequency (Gonzales 1999, 65413). The SWMU is within an area in which the bald eagle is conservatively assumed to forage at a relatively low frequency. No other T&E species are potentially impacted by a contaminant release

from this SWMU. Because the septic tank and drainline on the mesa top were subsurface, this portion of the SWMU does not affect any T&E species. The ecological scoping checklist is included in Appendix F.

2.2.2 Operational History

SWMU 0-030(g) was part of the SWMU Group 0-3, which consisted of 13 septic tanks installed in the 1940s. Most of these tanks remained in use until the central wastewater treatment plant (SWMU 0-019) was completed in late 1947. All of these tanks are now inactive. The SWMU report (LANL 1990, 07511) provided no information regarding the source of the waste stream flowing to the SWMU 0-030(g) septic tank. The RFI work plan (LANL 1992, 07667) indicated that this septic tank probably received sanitary waste from the original town site and from early laboratory operations at TA-1. Some of the typical TA-1 contaminants were plutonium, uranium, polonium, and mercury.

Discharge from the SWMU 0-030(g) outfall flowed into a drainage channel that arises just east of the site and flows north for approximately 160 ft down a steep bedrock slope into Acid Canyon; at this point the gradient decreases for the next approximately 200 ft. The gradient of the drainage channel then flattens even further to its termination at an area of sediment deposition formed where the channel is crossed by an unmaintained dirt road near the bottom of Acid Canyon (Figure 2.2-2). Flow in the drainage channel is strictly ephemeral and flows only in response to stormwater runoff. There are numerous areas of sediment deposition along the length of the drainage channel in which contaminants could have collected. Discharge and runoff from the site that did not infiltrate the sediment along the drainage channel would have flowed to the large area of sediment deposition where a closed depression was created when the unmaintained dirt road was constructed across the channel. However, infrequent heavy runoff may have filled the depression and overflowed the road into the Acid Canyon stream channel. It is probable that, if the septic tank was put into service prior to road construction, flow from the site that did not infiltrate any of the drainage channel sediment would have flowed directly into the Acid Canyon stream channel.

The septic tank and drainlines were removed as part of the 1993 RFI. There were no known or documented releases from this SWMU other than the designed discharges of effluent to the outfall at the edge of the mesa.

2.3 Investigatory Activities

2.3.1 Summary

Section 2.3 describes the investigatory activities for SWMU 0-030(g), including previous investigations (section 2.3.2), the preliminary conceptual model that guided the RFI fieldwork (section 2.3.3), and the RFI field activities (section 2.3.4.2). A review of the RFI data is also presented (section 2.3.4.3), followed by a description of how the conceptual model for SWMU 0-030(g) was revised based on information gained during the RFI (section 2.3.5).

2.3.2 Previous Investigations

No investigations of SWMU 0-030(g) occurred prior to starting the RFI.

2.3.3 Preliminary Conceptual Model

The preliminary conceptual model from the RFI work plan for OU 1071 (LANL 1992, 07667) is reproduced in Figure 2.3-1. It depicts the model for potential contaminant releases from the septic tank, its inlet and outlet lines, and the outfall, as well as potential subsequent exposure of humans and animals. Exposure

to humans and animals via the inhalation, dermal contact, and incidental ingestion pathways is represented as low and very low.

The inlet line, septic tank, and outlet line were all buried and located within the tuff, with the exception of about the last 10 ft of the outlet line, which was buried in fill. The site description and operational history are contained in section 2.2, "Description and Operational History." The septic tank drainlines were gravity-driven, with a downward slope to ensure proper drainage. The volume of water that flowed through the drainlines is unknown and was most likely variable due to the nature of septic systems. Any leakage from these lines would have seeped downward into the surrounding tuff or fill; however, the degree of infiltration would depend on the unsaturated flow properties of the tuff. The movement of contaminants in the unsaturated zone could be in solution or as suspended solids. Retardation of contaminants would primarily be due to sorption on the tuff or organic material. Joints and fractures in the tuff may provide additional pathways for moisture to enter the subsurface.

In addition to the downward movement of contaminants from leaks, there was also the release of contaminants via the discharge from the septic tank outfall. This release of liquid, along with stormwater runoff, would have flowed into Acid Canyon. Contaminants would have migrated down the slope and become adsorbed to sediment in the canyon bottom. The extent of contamination would be restricted to the drainage channel and overbank sediment from high flows. The material would have subsequently migrated down the channel as a result of particulate movement via surface water flow.

Investigatory Approach

The initial sampling design was based on the assumption that potential leakage from the septic system lines and tank would have affected only tuff and fill beneath the structures. It was expected that the volume of environmental media affected by potential leaks would have been small. Subsequent sampling was designed to characterize the drainage channel leading from the outfall into Acid Canyon. The sampling effort within the drainage channel focused on the sampling of sediment packages of the proper age to contain potential contaminants from the septic tank effluent. The relative age of the sediment packages was determined by mapping of the sediment using Canyons Focus Area methods and guidelines (LANL 1997, 55622).

2.3.4 Field Investigation and Data Evaluation

This section describes the field investigation and data evaluation for SWMU 0-030(g). The field investigation is discussed in section 2.3.4.2, and the data are included in section 2.3.4.3.

2.3.4.1 Summary

In 1993, the septic tank and associated VCP outlet drainline at SWMU 0-030(g) were located using a series of geodetic and geophysical surveys. The septic tank and drainline were subsequently excavated and removed. Confirmatory samples were collected from beneath the tank and drainline. An investigation of the septic-system outfall and drainage channel in Acid Canyon was conducted during June 1994 to evaluate the impact of septic-tank effluent on the sediments in the drainage channel. An RFI report covering the initial tank excavation, removal, and confirmatory sampling beneath the tank and in the drainage channel was prepared in September 1995 (LANL 1995, 51983).

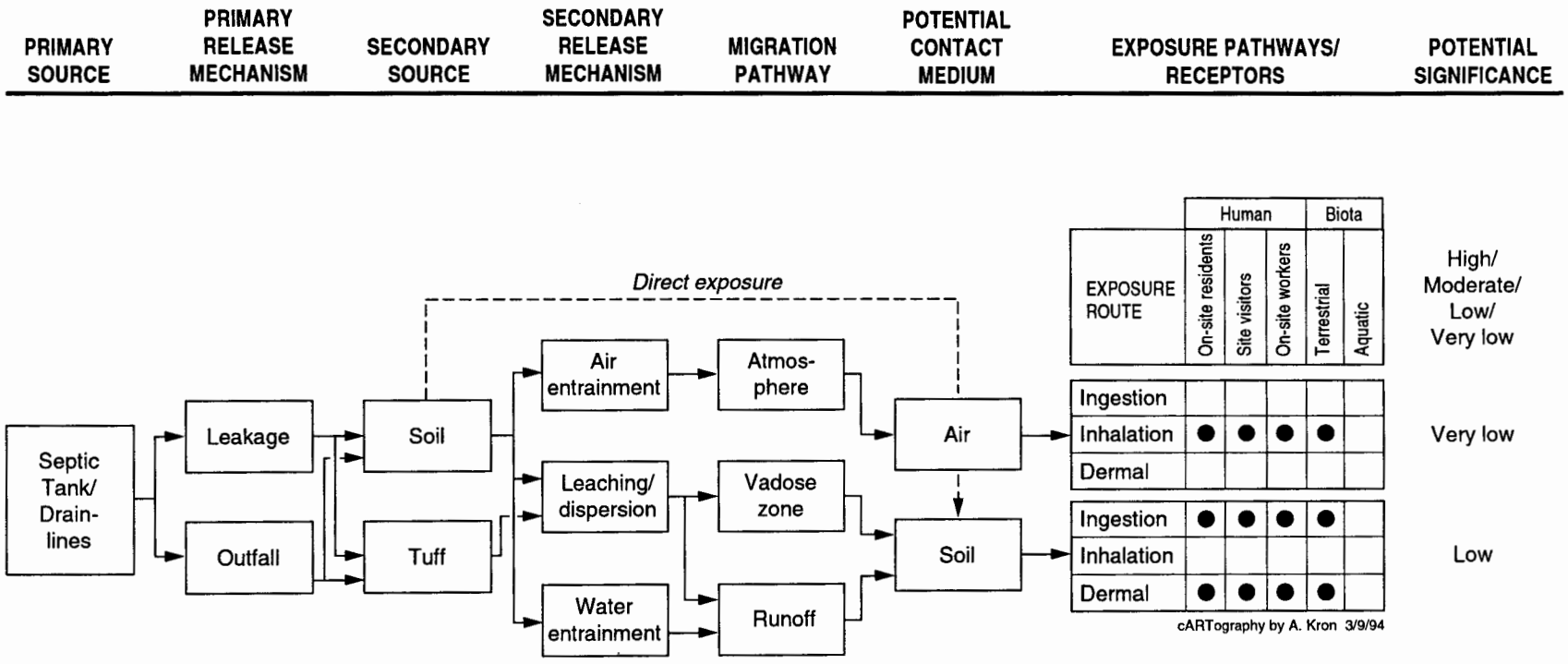

Figure 2.3-1. Preliminary conceptual model for SWMU 0-030(g)

Subsequent investigations at SWMU 0-030(g) involved efforts to better define the extent of the contamination on the mesa and in the drainage channel. In October 1996, sampling was conducted in the drainage channel to evaluate PCBs in the sediments. In September 1998, a series of boreholes and trenches were completed to obtain additional confirmation samples from beneath the former locations of the septic tank as well as the inlet and outlet lines. To complete the characterization of drainage channel sediments below the outfall from SWMU 0-030(g), additional samples were collected from the drainage channel in May and in September of 1999. The 1998 and 1999 samplings of the mesa and drainage channel, respectively, were done in accordance with sampling and analysis plans written for each investigation (LANL 1998, 59917; LANL 1999, 63027). The NMED/DOE OB also collected samples in the drainage channel on May 3–4, 1999.

2.3.4.2 Field Investigation

RFI activities at SWMU 0-030(g) were conducted in several stages over a period of approximately 6 years. RFI fieldwork began in June 1993 and was completed in September 1999. Investigation and removal of the septic tank and associated structures, in accordance with the RFI work plan for OU 1071(LANL 1992, 07667), called for a series of surveys, intrusive field operations, and sampling, which started on June 18, 1993.

Applicable Laboratory ER Project standard operating procedures (SOPs) were followed during each phase of the fieldwork that included radiological and volatile organic vapor screening for health and safety purposes, geophysical surveys, surface soil sampling, trench excavation, borehole drilling, subsurface sampling, and geodetic surveying. The specific SOPs used during this work were

- LANL-ER-SOP-1.01, General Instructions for Field Investigations
- LANL-ER-SOP-1.02, Sample Containers and Preservation
- LANL-ER-SOP-1.03, Handling, Packaging, and Shipping of Samples
- LANL-ER-SOP-1.04, Sample Control and Field Documentation
- LANL-ER-SOP-1.05, Field Quality Control Samples
- LANL-ER-SOP-1.06, Management of Environmental Restoration Project Wastes
- LANL-ER-SOP-1.08, Field Decontamination of Drilling and Sampling Equipment
- LANL-ER-SOP-2.01, Surface Water Site Assessment
- LANL-ER-SOP-3.01, Land Surveying Procedures
- LANL-ER-SOP-3.02, General Surface Geophysics
- LANL-ER-SOP-3.10, Trenching and Logging
- LANL-ER-SOP-4.01, Drilling Methods and Drill Site Management
- LANL-ER-SOP-6.09, Spade and Scoop Method of Collection of Soil Samples
- LANL-ER-SOP-6.26, Core Barrel Sampling for Subsurface Earth Materials

Site Survey

The RFI was initiated by surveying the site to locate the septic tank, drainlines, and outfall at SWMU 0-030(g) per the RFI work plan (LANL 1992, 07667). A geodetic survey was conducted in early June 1993 to stake the approximate locations of the septic tank and associated structures. Pre-construction engineering drawings, aerial photographs, and a visual site inspection were also used to determine the locations of the septic tank and VCP drainlines. The site survey was completed with no deviations from the work plan.

Geophysical Surveys

Surface geophysical surveys were performed to confirm the location and orientation of the septic tank and drainlines per the RFI work plan (LANL 1992, 07667). In April 1993, the VCP outlet drainline was successfully traced using ground-penetrating radar (GPR); however, GPR was ineffective for detecting the septic tank or other buried structures. Following completion of the geodetic survey discussed previously, a magnetic survey was conducted to further verify the location of the tank prior to excavation. Three magnetic anomalies were identified. The first anomaly was attributed to the steel rebar used in the construction of the septic tank. The second anomaly was approximately 5 ft north of the septic tank and was attributed to the possible presence of the valve box that was indicated on the preconstruction engineering drawings. The third anomaly was attributed to the possible presence of a steel outfall pipe. However, no valve box was discovered during subsequent excavation activities and the outfall pipe was constructed of VCP, which would not have caused a magnetic anomaly. The geophysical surveys were completed with no deviations from the work plan.

Initial Sampling Investigations

Beginning in June 1993, the septic tank contents, concrete, and soil from below the septic tank and outlet drainline were sampled in order to assess the nature of the contamination associated with SWMU 0-030(g). The RFI report from September 1995 (LANL 1995, 51983) referred to these samples as "pre-characterization" samples but they were, in fact, waste-characterization samples. All of this material, including the septic tank and drainline, was removed and properly disposed of. None of the samples collected during this phase of the investigation represented material left in place following the septic tank and drainline removal operations. As a result, only the samples that were collected as confirmatory samples beneath the septic tank and drainline, as well as those samples collected in subsequent investigations to determine the nature and extent of potential contamination, are evaluated as part of this RFI report. For completeness, the waste-characterization sampling conducted at SWMU 0-030(g) is summarized below.

On June 21, 1993, intrusive activities at SWMU 0-030(g) began with excavation of the supposed valve box. A broken segment of VCP was encountered in the valve box excavation at 2 ft below ground surface (bgs), but no actual valve box was discovered. The six soil samples collected from this excavation were screened for radioactivity by the mobile radiological analysis laboratory (MRAL), and two were sent to an off-site analytical laboratory for analysis of target analyte list (TAL) metals, VOCs, SVOCs, pesticides, PCBs, and radiochemistry.

The north wall of the septic tank was first encountered on June 21, 1993, as excavation work progressed from the supposed valve box area southward toward the surveyed location of the tank. Assessment of the tank's integrity and dimensions required complete exposure of the outside of the tank walls. Although the top of the tank was not intact, the sides were intact and made of reinforced concrete. There was no evidence of problems with the structural integrity of the walls and bottom of the tank. The septic tank contained fill material, rebar, and concrete debris which may have been the remains of the top of the tank.

Excavation of the interior of the tank began on June 22, 1993. The fill material was removed with a backhoe, stockpiled on plastic tarpaulins, and sampled for waste-management purposes. Some of the samples were sent to an off-site analytical laboratory for analysis of TAL metals, VOCs, SVOCs, pesticides, PCBs, and radiochemistry. All of the samples were screened for radioactivity by the MRAL, and several were submitted for analysis of TAL metals and/or toxicity characteristic leaching procedure (TCLP) analysis.

Following removal of the fill material and debris from the tank interior, four concrete samples were collected from the bottom of the tank in areas that were stained. The bottom of the tank was subsequently breached by jackhammering through the concrete. Samples of soil were then collected at depths of 6–12 in. beneath the septic tank. All concrete and soil samples were submitted to the MRAL for radiological screening and to an off-site analytical laboratory for TAL metals analysis.

The VCP discharge drainline, which extended northeast from the septic tank to the outfall point, was excavated from July 28 through July 30, 1993 (Figure 2.2-2). This portion of the investigation was conducted after removal of the tank contents and prior to demolition of the tank structure. Excavation of the discharge line began at the section of VCP visible at the outfall terminus and progressed southwest toward the tank. Four samples were collected from within and around the VCP in order to determine the presence of metal, radiological, and organic chemical contamination. The soil characterized by the sample analyses was subsequently removed with the septic tank and drainline.

The septic tank structure was demolished and removed between August 4 and August 6, 1993. The walls, baffle, and floor were broken up into manageable pieces and loaded into dump trucks for disposal as low-level radioactive waste at TA-54, Area G. The outlet drainline and the fill material/debris from the tank interior were also disposed of at Area G. To complete the task, soil from 18 in. beneath the tank and from 12 in. beneath the drainline was removed and transported to Area G.

The septic tank and drainline removal and initial sampling activities were conducted in accordance with the RFI work plan (LANL 1992, 07667).

RFI Sampling

1993–1994 Confirmation Sampling

Following removal of the septic tank, drainline, and soil beneath these structures, confirmatory samples were collected from the fill/tuff remaining at these locations. The confirmatory samples collected are summarized in Table 2.3-1. Five confirmatory samples (AAA1910, AAA3563, and AAA4406–4408) were collected from the area where the tank was located (Figure 2.3-2). Thirteen confirmation samples (AAA1909, AAA4371, AAA4375–4377, AAA4386–4393) were collected along the bottom of the trench, beneath the former location of the drainline at 5-ft intervals corresponding to the joints in the pipe. All samples were analyzed by an off-site analytical laboratory for TAL metals, VOCs, SVOCs, pesticides, PCBs, and radiochemistry. Samples collected are summarized in Table 2.3-1. Details of this investigation are presented in the 1995 RFI report for SWMU 0-030(g) (LANL 1995, 51983).

The confirmatory sampling effort either met or exceeded that required by the RFI work plan, section 2.3.4.1 (LANL 1992, 07667).

Table 2.3-1

SWMU 0-030(g), Summary of Samples Collected by the Laboratory for Off-Site Fixed-Laboratory Analysis

				Request Numbers								
Location ID	Sample ID	Depth (ft)	Media[a]	VOCs	SVOCs	PCBs/ Pest.	PCBs Only	Pest. Only	TAL Metals	TAL Metals + Cyanide	Specific Metals	RAD
Mesa-Top Samples												
00-10120	RE00-98-0014	5-5.5	QBT3	4579R	4579R	4579R	NA[b]	NA	4580R	NA	NA	4581R[c]
00-10120	RE00-98-0015	3.5-4	QBT3	4579R	4579R	4579R	NA	NA	4580R	NA	NA	4581R[c]
00-10121	RE00-98-0016	2-2	QBT3	4579R	4579R	4579R	NA	NA	4580R	NA	NA	4581R[c]
00-10122	RE00-98-0017	9-10	QBT3	4564R	4564R	4564R	NA	NA	4565R	NA	NA	4581R[c]
00-10122	RE00-98-0023	13-14	QBT3	4564R	4564R	4564R	NA	NA	4565R	NA	NA	4581R[c]
00-3662	AAA1910	9-9.5	ALLH	NA	15367	NA	15367	15365	NA	15356	NA	15364[d]
00-3662	RE00-98-0002	14-15	QBT3	4573R	4573R	4573R	NA	NA	4574R	NA	NA	4575R[c]
00-3662	RE00-98-0019	10-11	QBT3	4573R	4573R	4573R	NA	NA	4574R	NA	NA	4575R[c]
00-3663	AAA3563	9-9.5	ALLH	15367	15367	NA	15367	15365	NA	15356	NA	15364[e]
00-3663	RE00-98-0026	12.5-13.5	QBT3	4564R	4564R	4564R	NA	NA	4565R	NA	NA	4566R[c]
00-3664	AAA4406	9-9.5	ALLH	NA	NA	NA	NA	NA	NA	NA	15356 Pb only	NA
00-3665	AAA4407	9-9.5	ALLH	NA	NA	NA	NA	NA	NA	NA	15356 Pb only	NA
00-3665	RE00-98-0027	9-10	QBT3	4564R	4564R	4564R	NA	NA	4565R	NA	NA	4566R[c]
00-3665	RE00-98-0024	13-14	QBT3	4564R	4564R	4564R	NA	NA	4565R	NA	NA	4566R[c]
00-3666	AAA4408	9-9.5	ALLH	NA	NA	NA	NA	NA	NA	NA	15356 Pb only	NA
00-3666	RE00-98-0021	10.5-11.5	QBT3	4570R	4570R	4570R	NA	NA	4571R	NA	NA	4572R[c]
00-3666	RE00-98-0020	14-15	QBT3	4570R	4570R	4570R	NA	NA	4571R	NA	NA	4572R[c]
00-3668	AAA1909	2-2.5	ALLH	15276	15276	15276	NA	NA	NA	15266	NA	15268[f]
00-3668	AAA4371	1-1.5	ALLH	NA	NA	NA	NA	NA	NA	15266	NA	NA
00-3669	AAA4376	3.5-4	ALLH	NA	NA	NA	NA	NA	NA	15305	NA	NA
00-3670	AAA4375	2-2.5	ALLH	NA	NA	NA	NA	NA	NA	15305	NA	NA
00-3670	RE00-98-0031	2-3	QBT3	4556R	4556R	4556R	NA	NA	4557R	NA	4558R Hex. Cr	4559R[c]
00-3670	RE00-98-0032	6-7	QBT3	4556R	4556R	4556R	NA	NA	4557R	NA	4558R Hex. Cr	4559R[c]
00-3671	AAA4377	5-5.5	ALLH	NA	NA	NA	NA	NA	NA	15305	NA	NA
00-3672	AAA4386	0.7-1.8	ALLH	NA	NA	NA	NA	NA	NA	NA	15303 Pb only	NA
00-3672	AAA4387	2-2.5	ALLH	NA	NA	NA	NA	NA	NA	NA	15303 Pb only	NA
00-3673	AAA4388	2.5-3	ALLH	NA	NA	NA	NA	NA	NA	NA	15303 Pb only	NA
00-3674	AAA4389	2.5-3	ALLH	NA	NA	NA	NA	NA	NA	NA	15303 Pb only	NA
00-3675	AAA4390	5.5-6	ALLH	NA	NA	NA	NA	NA	NA	NA	15303 Pb only	NA
00-3676	AAA4391	6.5-7	ALLH	NA	NA	NA	NA	NA	NA	NA	15303 Pb only	NA
00-3677	AAA4392	7.5-8	ALLH	NA	NA	NA	NA	NA	NA	NA	15303 Pb only	NA
00-3678	AAA4393	8.5-9	ALLH	NA	NA	NA	NA	NA	NA	NA	15303 Pb only	NA
00-3678	RE00-98-0022	8.5-9.5	QBT3	4564R	4564R	4564R	NA	NA	4565R	NA	NA	4566R[c]
00-3678	RE00-98-0025	12.5-13.5	QBT3	4564R	4564R	4564R	NA	NA	4565R	NA	NA	4566R[c]

Table 2.3-1 (continued)

				Request Numbers								
Location ID	Sample ID	Depth (ft)	Media[a]	VOCs	SVOCs	PCBs/ Pest.	PCBs Only	Pest. Only	TAL Metals	TAL Metals + Cyanide	Specific Metals	RAD
Drainage Channel Samples												
00-10232	RE00-99-0165	0.95-1.34	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[c]
00-10232	RE00-99-0267	1-1.3	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10233	RE00-99-0166	0-0.4	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[c]
00-10233	RE00-99-0167	1.5-1.9	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[c]
00-10233	RE00-99-0168	1.9-2.6	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[c]
00-10233	RE00-99-0268	0-0.4	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10233	RE00-99-0269	1.5-1.9	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10233	RE00-99-0271	1.9-2.6	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10236	RE00-99-0169	0-0.3	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[c]
00-10236	RE00-99-0270	0-0.3	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10237	RE00-99-0170	0-0.4	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[c]
00-10237	RE00-99-0272	0-0.4	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10238	RE00-99-0171	0-0.5	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[c]
00-10238	RE00-99-0172	0.5-1.0	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[c]
00-10238	RE00-99-0273	0-0.5	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10238	RE00-99-0274	0.5-1	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10307	RE00-99-0265	0.7-1.3	SED	NA	NA	6103R	NA	NA	6104R	NA	NA	6106R[c]
00-10308	RE00-99-0266	0.5-0.8	SED	NA	NA	6103R	NA	NA	6104R	NA	NA	6106R[c]
00-3724	0100-96-2105	0.25-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3724	AAB0275	0-0.1	SED	17138	17138	NA	17138	17135	17139	NA	NA	17141[g]
00-3725	0100-96-2108	0.25-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3725	AAB0278	0-0.1	SED	17138	17138	NA	17138	17135	17139	NA	NA	17141[g]
00-3731	0100-96-2101	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3731	AAB3580	0.4-0.5	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-3732	0100-96-2102	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3732	AAB3581	0.5-0.6	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-3733	0100-96-2104	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3733	AAB3573	0.2-0.5	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-3734	0100-96-2103	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3734	AAB3579	0-0.2	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-3735	0100-96-2106	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3735	AAB3574	0.3-0.4	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-3736	0100-96-2107	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3736	AAB3577	0.3-0.4	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-3737	0100-96-2111	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-3737	AAB3578	0.3-0.4	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-3738	AAB3575	0.3-0.4	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-3739	AAB3576	0-0.04	SED	NA	NA	NA	NA	NA	NA	NA	NA	18065[h]
00-5779	0100-96-2109	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA
00-5780	0100-96-2110	0.3-0.4	SED	NA	NA	NA	2729	NA	NA	NA	NA	NA

Table 2.3-1 (continued)

				Request Numbers								
Location ID	Sample ID	Depth (ft)	Media[a]	VOCs	SVOCs	PCBs/ Pest.	PCBs Only	Pest. Only	TAL Metals	TAL Metals + Cyanide	Specific Metals	RAD
Stream Channel Samples												
00-10240	RE00-99-0173	0-1.5	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[e]
00-10240	RE00-99-0275	0-1.5	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10241	RE00-99-0174	0-0.5	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[e]
00-10241	RE00-99-0276	0-0.5	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10242	RE00-99-0175	0-0.2	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[e]
00-10242	RE00-99-0278	0-0.2	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10243	RE00-99-0176	0-0.7	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[e]
00-10243	RE00-99-0177	0-0.7	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[e]
00-10243	RE00-99-0277	0-0.7	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10243	RE00-99-0279	0-0.7	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10245	RE00-99-0178	0-0.3	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[e]
00-10245	RE00-99-0280	0-0.1	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA
00-10246	RE00-99-0179	0-1.3	SED	NA	NA	NA	5539R	NA	5540R	NA	NA	4581R[e]
00-10246	RE00-99-0281	0-1.3	SED	NA	NA	6103R	NA	NA	NA	NA	NA	NA

[a] Media codes: QBT3 = Bandelier Tuff, Tshirege Member, Unit 3; ALLH = soil (all horizons); SED = sediment.

[b] NA = not analyzed.

[c] Rad Suites: Am241, Iso Pu and U.

[d] Rad Suites: Am241, Iso Pu and U, Gamma Spec.

[e] Rad Suites: Am241, Iso Pu, Gscan, Sr90.

[f] Rad Suites: Am241, Iso Pu, H3.

[g] Rad Suites: Am241, Iso Pu.

[h] Rad Suites: Iso Pu, Gamma Spec.

1998 Reconfirmation Sampling

A supplemental field investigation was conducted at SWMU 0-030(g) from September 1 through 10, 1998, to investigate the presence or absence of the septic tank inlet line and to collect additional confirmation samples at the former locations of the septic tank and outlet drainline. Data from this sampling event were intended to augment the 1993 RFI confirmation sample data. A total of 16 "reconfirmation" samples were collected during the 1998 activities. Nine additional confirmation samples were collected from beneath the former septic tank location (Figures 2.3-3 and 2.3-4). One of the nine samples was collected using a truck-mounted Minuteman drilling system (RE00-98-0026), and the other eight samples (RE00-98-0002, -0017, -0019, -0020, -0021, -0023, -0024, and -0027) were collected using a CME-45 hollow-stem auger drill rig and 5-ft split-barrel sampler lined with stainless-steel sleeves. Four of the five boreholes were advanced at 1993 confirmation sample locations and extended to 4 ft below the previous confirmation samples (RE00-98-0002, -0020, -0024, and -0026). Three samples were also collected at the same or similar depth as three of the previous confirmation samples for comparison purposes (RE00-98-0019, -0021 and -0027). Refusal was met at a third previous location attempted. One of the five boreholes was advanced at a new location and confirmation samples were collected from 1.5 and 5.5 ft below the bottom of the former septic tank location (RE00-98-0017 and -0023) to bound the vertical extent of the contamination. All samples were collected from tuff.

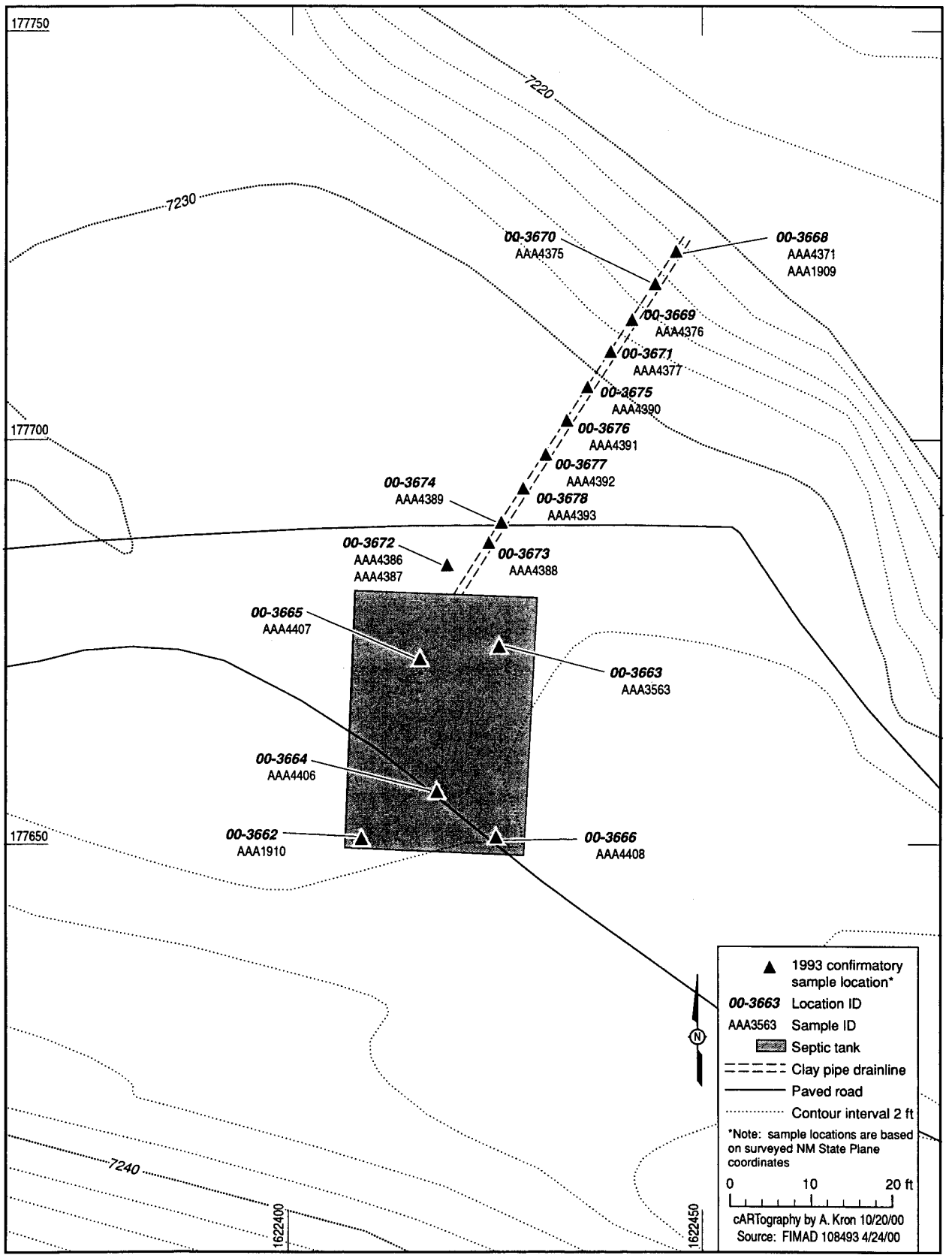

Figure 2.3-2. Locations of 1993 confirmatory samples for SWMU 0-030(g)

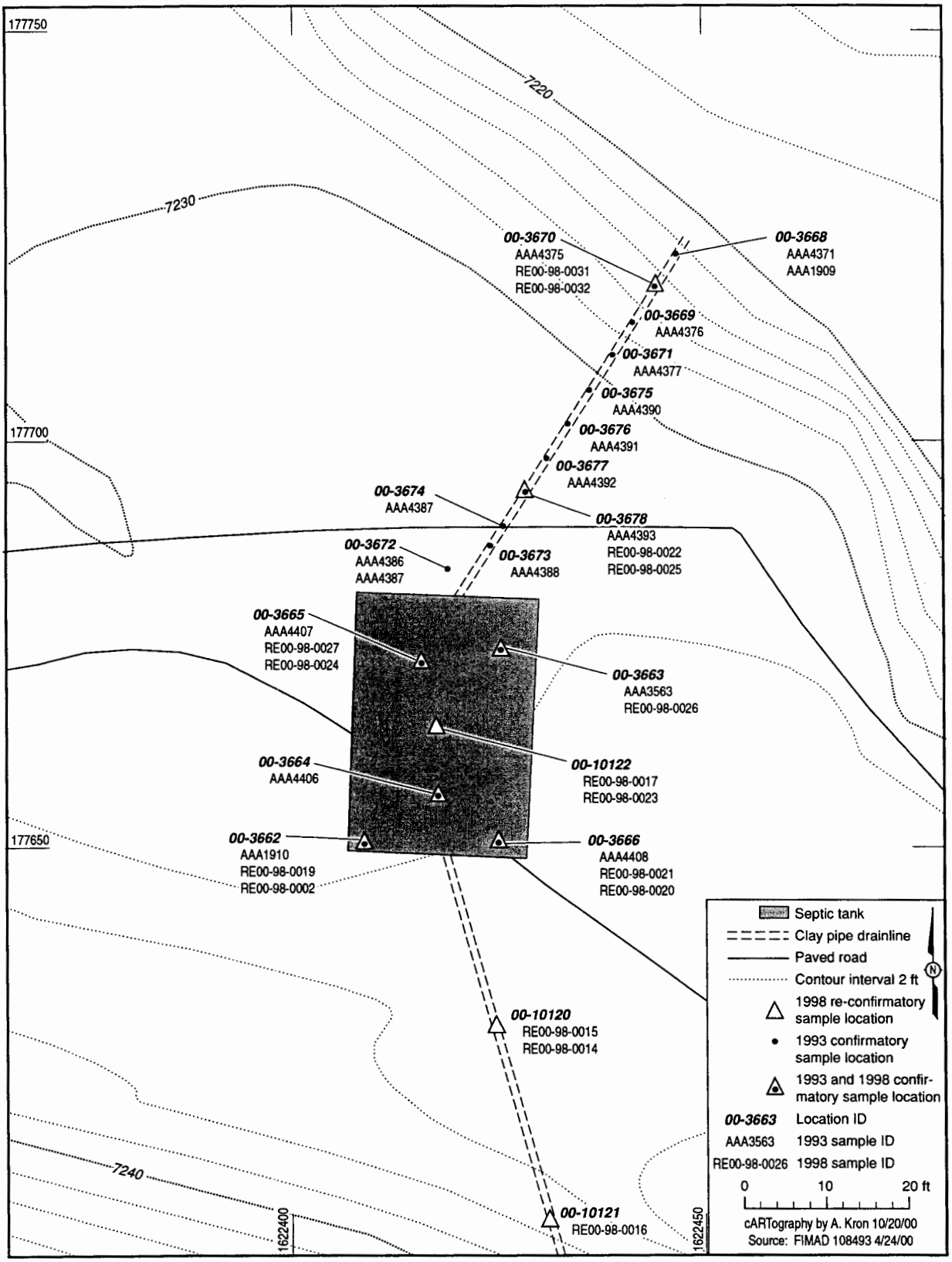

Figure 2.3-3. Locations of 1998 septic tank and drainline reconfirmation samples for SWMU 0-030(g)

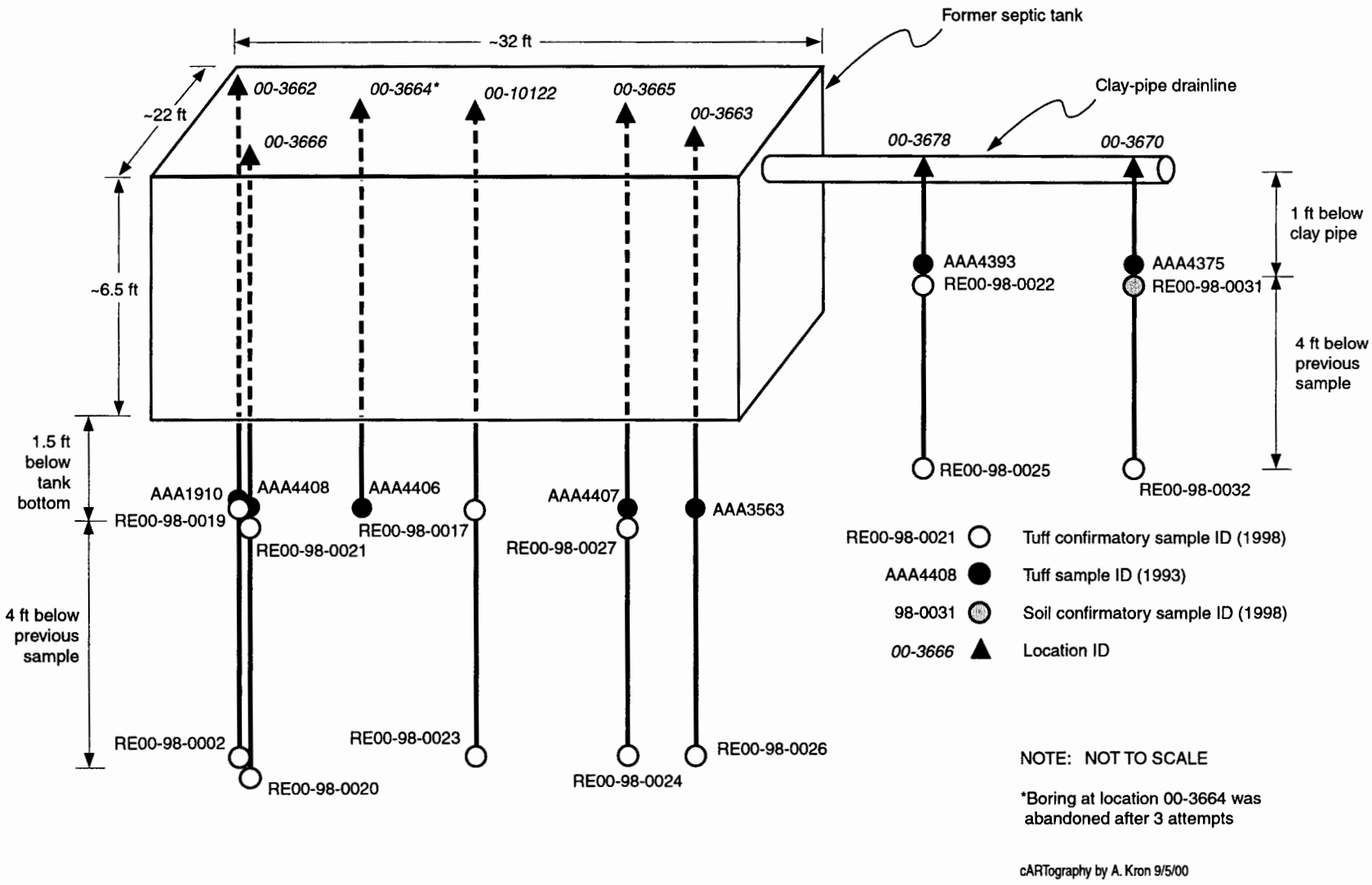

Figure 2.3-4. Schematic drawing of all septic tank and 1998 drainline sample locations and depths

Four additional confirmation samples were collected from beneath the former location of the outlet drainline that was removed during the 1993 RFI activities. Two of these samples were collected using a hand auger (RE00-98-0031 and -0032), and two were collected using the CME-45 hollow-stem auger drill rig (RE00-98-0022 and -0025) (Figure 2.3-3). Boreholes were advanced at the same locations as previous confirmation samples (AAA4375 and AAA4393) collected in 1993. Samples were also collected at the same depth as previous samples (RE00-98-0031and -0022) and 4 ft below the previous samples (RE00-98-0025 and -0032) to bound the vertical extent of contamination. All samples were collected in tuff or crushed tuff.

The septic tank inlet line was not investigated during the initial RFI activities that involved removal of the septic tank and outlet drainline. The inlet drainline investigation was therefore included in the 1998 confirmation sampling efforts. Six exploratory backhoe trenches were excavated south of the location of the former septic tank, across the suspected trend of the VCP inlet line, in an effort to transect the line. The inlet-line trench was located. However, only minor fragments of the VCP pipe were found, indicating that the pipe had been previously removed. The former trench for the inlet pipe was cut into the tuff; thus it was readily identified when it was encountered. Three confirmation samples (RE00-98-0014, -0015, and -0016) were collected from the tuff in the bottom of the former inlet-line trench (Figure 2.3-3).

All samples were submitted to an off-site analytical laboratory for full-suite analysis, including TAL metals, PCBs/pesticides, SVOCs, VOCs, and isotopic americium, plutonium, and uranium. Hexavalent chromium (Cr^{+6}) was added to the inorganic chemical analytical suite for two samples collected under the drainline (RE00-98-0031 and -0032) because of elevated total chromium in the sample collected at Location ID 00-3670 in 1993. A summary of the samples collected in 1998 is presented in Table 2.3-1.

The 1998 confirmation sampling was conducted in accordance with the SAP for the former locations of the septic tank and VCP (LANL 1998, 59917). However, pursuant to discussions with NMED, additional sampling was conducted. This additional sampling consisted of (1) one additional borehole completed at Location ID 00-3666, from which a shallow sample and a deep sample were collected (RE00-98-0021 and -0020, respectively); (2) five additional shallow samples collected at the same depths as previous samples for comparison purposes (RE00-98-0017, -0019, -0022, -0027, and -0031); and (3) three samples collected from the inlet line trench (RE00-98-0014, -0015, and -0016).

Drainage Channel Sampling

Investigation of the outfall and drainage channel associated with the septic system at SWMU 0-030(g) was conducted in several stages between June 1994 and September 1999. Eleven drainage channel samples were collected in June 1994 (AAB0275, AAB0278, and AAB3573-3581) (LANL 1995, 51983) (Figure 2.3-5). These samples were collected at various locations, including the base of the slope where the outfall discharged into the drainage channel (AAB3578 and AAB3575), the channel above the outfall discharge entry point (AAB3576), and sediment deposition areas along the channel below the outfall discharge (AAB0275, AAB0278, AAB3574, and AAB3577). Samples (AAB3573 and AAB3579) were collected approximately 100 ft below the outfall discharge area within the channel, and two more samples (AAB3581 and AAB3580) were collected approximately 200 ft and 300 ft downstream of the outfall.

Additional channel samples were collected in 1996 (0100-96-2101 through -2111) to further characterize the nature and extent of potential contamination detected in some of the earlier drainage channel samples (Figure 2.3-5). The 1996 samples were collected at the same locations as the 1994 samples and analyzed only for PCBs (Table 2.3-1) in response to the NMED's NOD (NMED 1996, 62509.1) for the SWMU 0-030(g) RFI report.

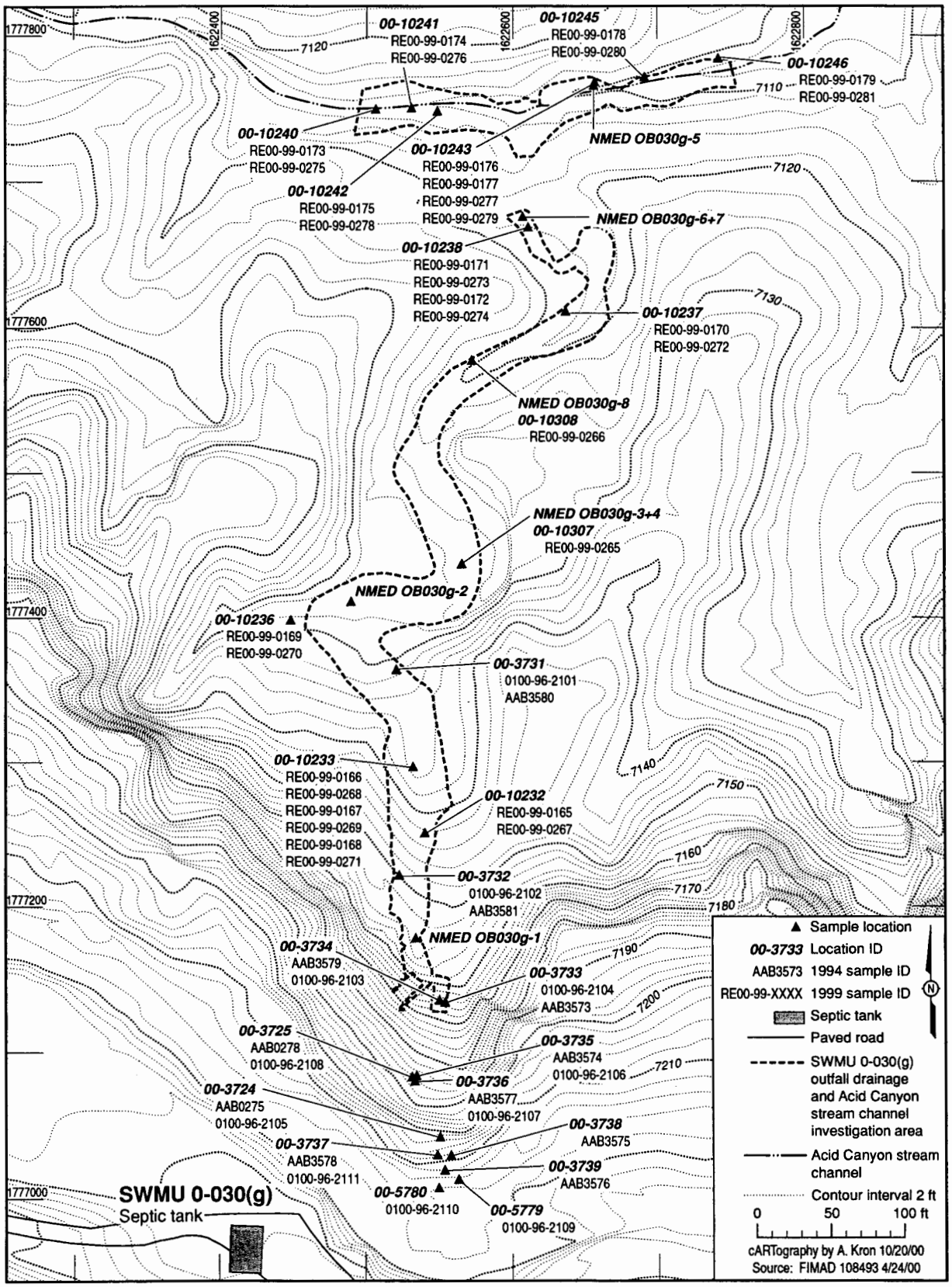

Figure 2.3-5. Sampling locations in the drainage and stream channels at SWMU 0-030(g)

The RFI work plan, section 5.10.6.2 (LANL 1992, 07667), called for the collection of two sediment samples as close as possible to the outfall point from sediment deposition areas in first- or higher-order drainage channels downslope of the septic drainline outfall. However, to more fully characterize potential contaminants in the drainage channel, several additional samples were collected during the 1994 sampling event, most for radiochemical (isotopic plutonium and gamma spectroscopy) analysis only.

The channel sampling in 1999 was conducted in accordance with the SAP for the outfall channel area (LANL 1999, 63027) as amended by the response to the request for supplemental information (RSI) for SWMU 0-030(g) (LANL 1999, 65055). The analysis of isotopic uranium was added to the analytical suite as a deviation from the SAP. The 1999 field investigation of the SWMU 0-030(g) drainage channel began with the geomorphic mapping of the channel and adjacent geomorphic surfaces, to define the lateral boundaries of the post-1942 sediments and to determine the locations and depths from which representative samples should be collected. The mapping was conducted in cooperation with Canyons Focus Area personnel who developed the methodology for identifying the age of sediments and selecting the appropriate sediment packages from which to collect samples. The mapping identified the probable distribution of post-1942 sediments, which were deposited during the time interval that coincides with Laboratory operations and are the potentially contaminated medium due to releases from SWMU 0-030(g). Contaminants have been distributed over time by discharge from the outfall as well as from stormwater runoff along the full length of the channel, a distance of approximately 600 ft. The lateral extent of post-1942 sediments ranges between 15 and 40 ft along the canyon bottom (Figure 2.3-6a). The mapped sediments included those from the active channel as well as those from the overbank sediments and channel sediments from abandoned channels that were deposited during high flow periods. The results of the geomorphic surveys delineated the horizontal extent of the post-1942 sediments and thus the potential extent of contamination originating from the septic tank (Figure 2.3-6a). The description of the geomorphic units is provided in Figure 2.3-6b. Sediment packages were identified and categorized by geomorphic units and subsequently subdivided into distinct stratigraphic layers. Sediment age was constrained by tree coring and depth of tree roots. Soil pits were dug and the presence of material such as quartzite (from road building), metal, and plastic further helped to give age constraint to historical sediments.

Sample locations and depths were chosen based on geomorphic units, sediment age, and grain size, with young (post-1942), finer-grained sediments being preferred. The need to sample more than one stratigraphic unit at a particular location was determined by the judgment of the survey team.

The total measured thickness of post-1942 sediments ranged from a minimum of 6 cm to a maximum of 82 cm; average thickness for each geomorphic unit is provided in Figure 2.3-6b. Unit c2a overlies unit c2c in the upper part of the 030(g) channel but is absent in the lower part of the channel (Figure 2.3-6a); therefore, the total thickness of post-1942 sediments generally thins down drainage. Schematic cross-profiles 030(g)-X1 through 030(g)-X3 are representative cross-sections through areas of post-1942 sediments showing stratigraphic relationships and selected sample locations and trees used for age constraints (Figures 2.3-7, 2.3-8, and 2.3-9). The general down-canyon thinning of post-1942 sediments is illustrated by the decrease in thickness of post-1942 sediments between profile 030(g)-X2 and 030(g)-X3 (Figures 2.3-8 and 2.3-9). Dendrochronology data suggest that post-1942 sediments comprise two pulses of sedimentation: one in the 1940s (approximately 20 to 60 cm sediment) that buried trees throughout the canyon (represented by c2c sediments) and a second that occurred after 1980 (approximately 6 to 25 cm sediment) and buried trees in the upper part of the channel (represented by c2a sediments) (Table 2.3-2). Minor sediment deposition probably occurred between 1949 and 1964, and little or no deposition apparently occurred between 1964 and 1980. The average thickness of sediments in the Acid Canyon stream channel is greater than was observed in the SWMU 0-030(g) drainage channel (Figure 2.3-6b).

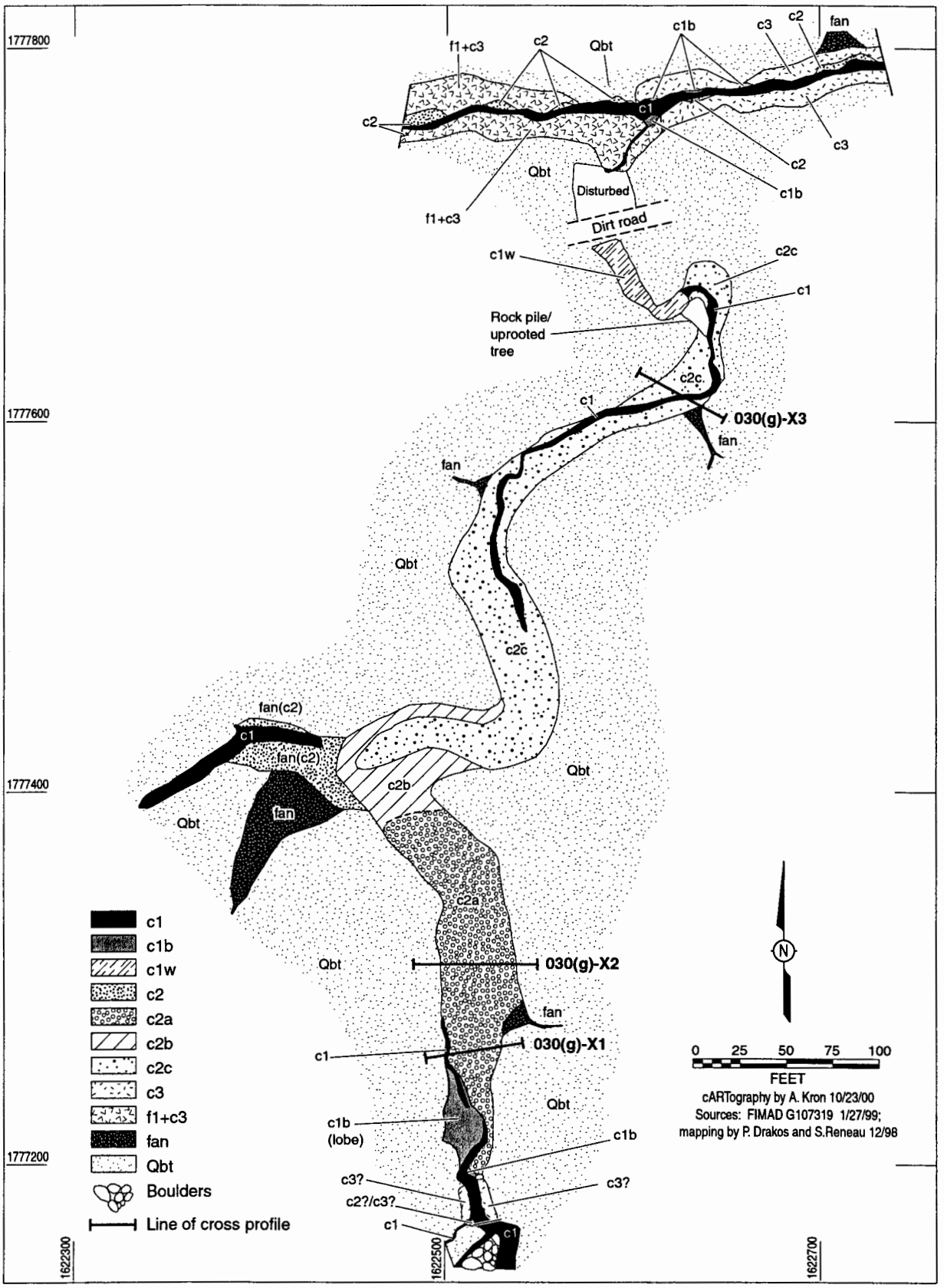

Figure 2.3-6a. Geomorphology of SWMU 0-030(g) drainage and Acid Canyon stream channels

Drainage	Geomorphic Mapping Unit	Unit Area (m^2)	Estimated Average Thickness Fine Sediment (m)	Estimated Average Thickness Coarse Sediment (m)	Estimated Volume Fine Sediment (m^3)	Estimated Volume Coarse Sediment (m^3)	Notes
0-030(g)	c1	502	0.13	0.29	65	146	active channels, shallowly incised below c1b and c2 surfaces
	c1b	187	0.07	0.43	13	80	recent sand and gravel lobe; similar to c2a unit
	c1w	191	0.45	0	86	0	ponded area above road; fine sediment overlying tuff; high water table
	c2a	1750	0.22	0.32	385	560	relatively thick, coarse c2 deposits in upper basin; ~25 cm post-1980 sediment overlying pre-1964, post-1942 sediment (c2c sediments?)
	c2b	731	0.19	0.19	139	139	intermediate between c2a and c2c
	c2c	2541	0.16	0.06	407	152	relatively thin, fine c2 deposits in lower basin; correlative unit underlies c2a in upper basin, most of sediment may be pre-1964
	c2? c3?	4	0.15	0.15	1	1	correlative with c2a or c3?
	c3?	208	0.15	0.15	31	31	slightly higher surface than c2a; sediments may be correlative to older, buried c2a sediments
	Total	**6114**			**1127**	**1109**	
Acid Canyon	c1	369	0	0.3	0	111	active channel
	c1b	21	0	0.3	0	6	sand and gravel bars adjacent to channel
	c2	116	0.65	0.3	75	35	younger abandoned channel surfaces inset below c3 and f1; av. ~0.8 m above channel upstream and ~0.6 m above channel downstream of 0-030(g) drainage
	c3	609	0.68	0.3	414	183	older abandoned channel surface downstream of 0-030(g) drainage; av. ~0.7 m above channel
	f1+c3	918	0.63	0.15	578	138	undifferentiated abandoned channel and floodplain surface upstream of 0-030(g) drainage; average ~0.95 m above channel
	Total	**2033**			**1068**	**472**	

Notes
Coarse sediment: median particle size of medium sand to gravel
Fine sediment: median particle size of silt to medium sand
Thicknesses refer to post-1942 sediment

Figure 2.3-6b. Geomorphic mapping units in SWMU 0-030(g) drainage and Acid Canyon stream channels

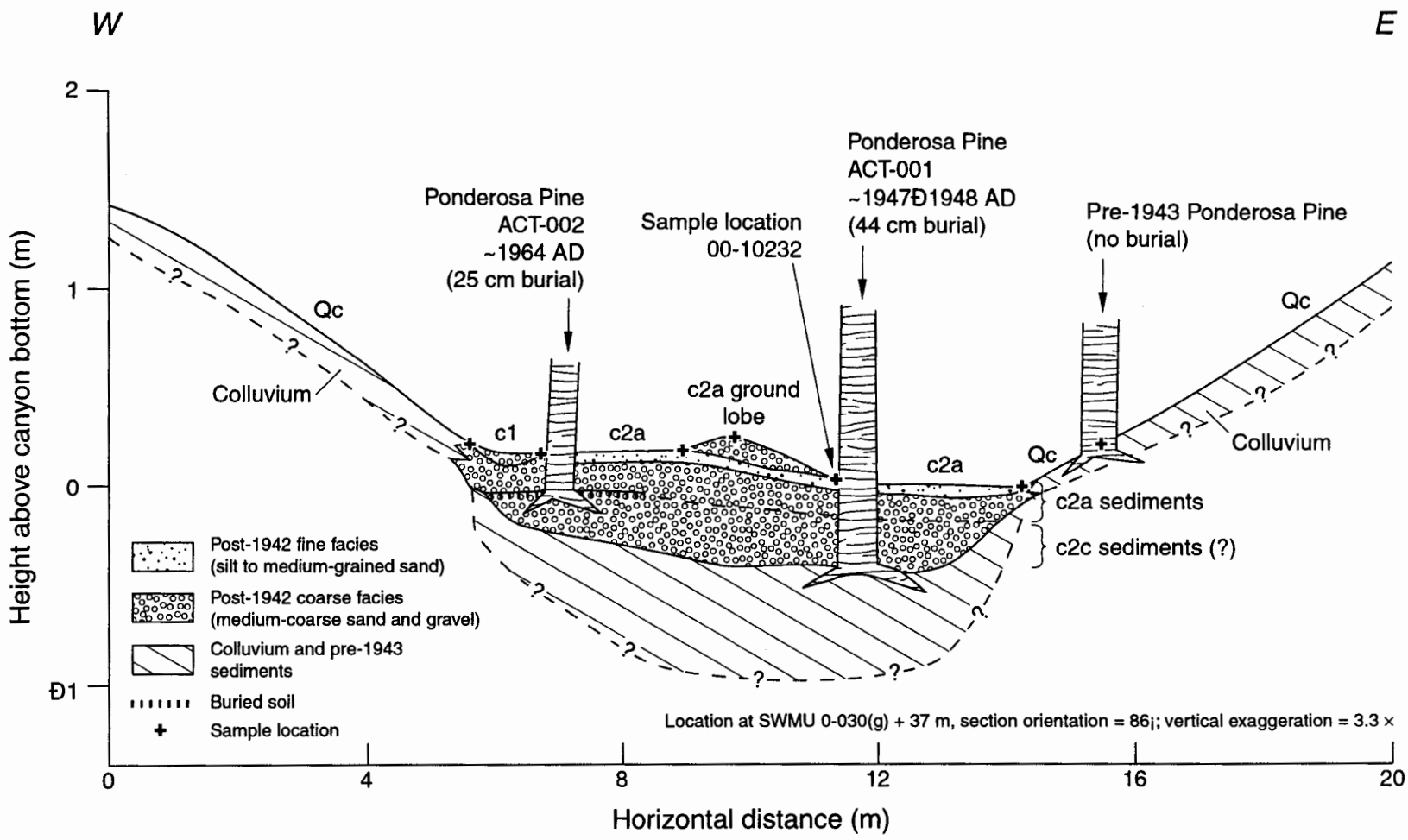

Figure 2.3-7. Schematic cross-profile 0-030(g)-X1 in SWMU 0-030(g) drainage channel showing approximate thickness of post-1942 sediment and relations between geomorphic units

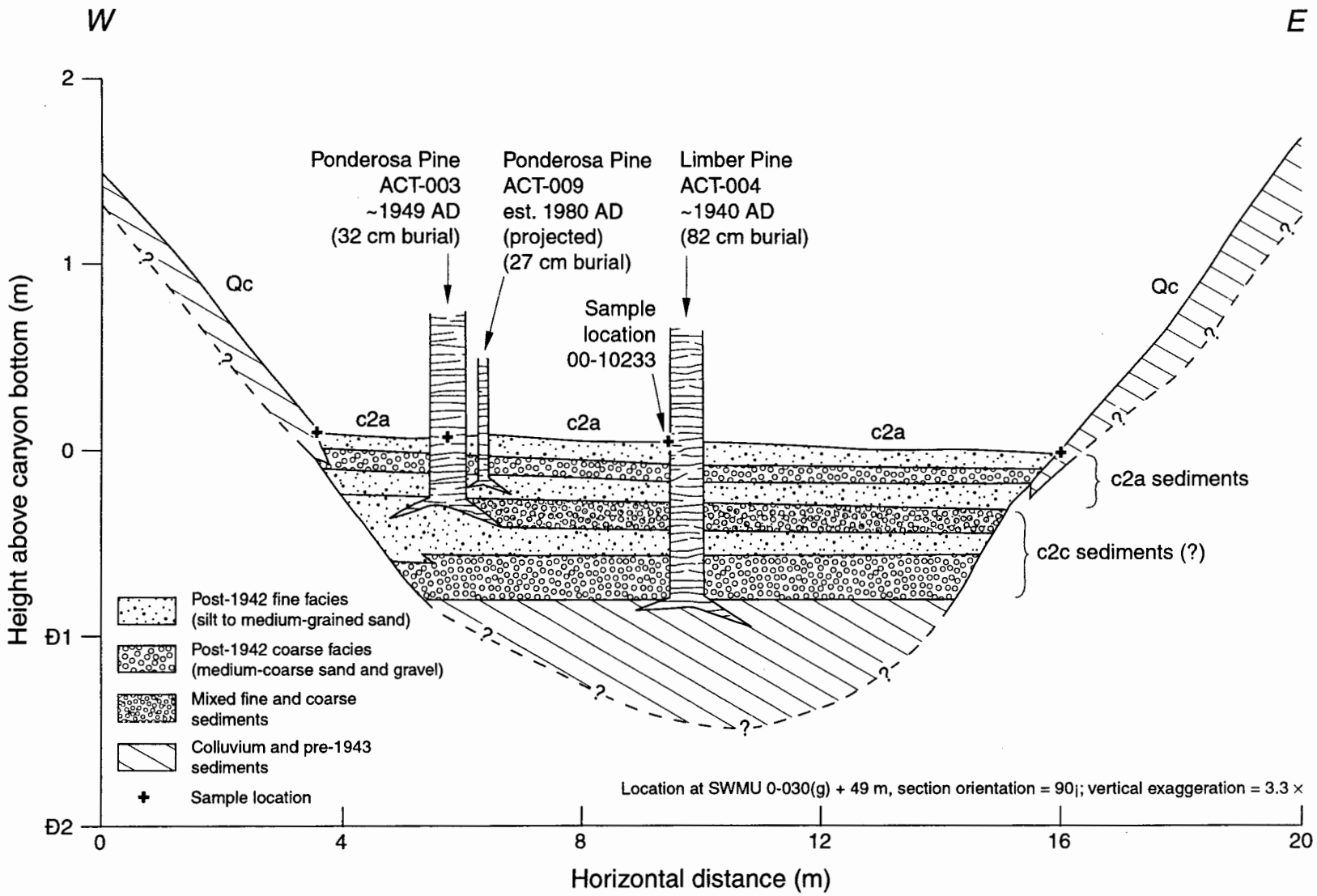

Figure 2.3-8. Schematic cross-profile 0-030(g)-X2 in SWMU 0-030(g) drainage channel showing approximate thickness of post-1942 sediment and relations between geomorphic units

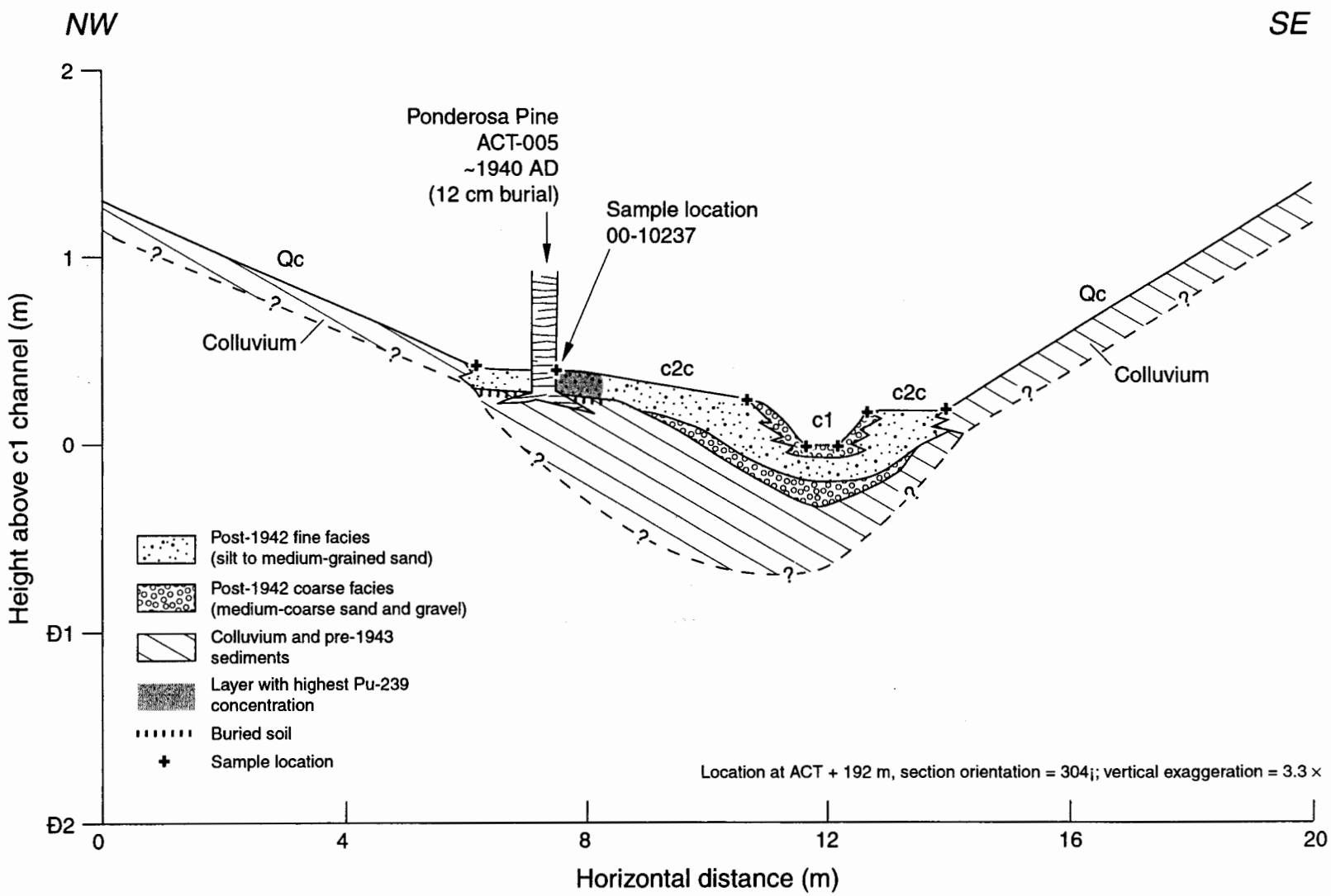

Figure 2.3-9. Schematic cross-profile 0-030(g)-X3 in SWMU 0-030(g) drainage channel showing approximate thickness of post-1942 sediment and relations between geomorphic units

Table 2.3-2

SWMU 0-030(g) Drainage Channel Tree Core Data

Core ID	Location	Core Height (cm)	Core Orientation	Core Length (cm)[a]	Dating Innermost	Dating Bark Yr (or most recent)	Species	Total Yr (based on x-dating)	Date of Pith Ring (= est. age)	Depth of Burial (cm) & Geomorphic Unit	Remarks
ACT-001A	ACT+37.2m	72	S50E	8.2	1947-48	1998	*P. menzanesi*	50-51	1947-48	44cm; c2a over c2c	Excellent correlation with master chronology
ACT-001B		72	S50E	9.1	1947-48	1998		50-51	1947-48		None
ACT-002A	ACT+40.2m	61	N78E	4.4	1964	1998	*P. ponderosa*	34	1964	25 cm; c2a	1996 ring absent; moderate correlation with master chronology
ACT-002B		61	N78E	4.8	1964	1998		34	1964		1996 ring present; moderate correlation with master chronology
ACT-003A	ACT+49.3m	59	S39E	5.6	1949	1998	*P. menzanesi*	49	1949	32 cm; c2a	Excellent correlation with master chronology; frost rings @1954 & 1960
ACT-003D		69	N46E	5.2	1952	1998		46	1950[b]		Excellent correlation with master chronology; frost rings @1954 & 1960
ACT-004A	ACT+51.8m	116	N21E	8.2	1940	1998	Limber Pine	58	1940	82 cm: c2a over c2c	Frost ring @1960; moderate-poor correlation with master chronology
ACT-004B		116	N21E	15.0	1940	1998		58	1940		Moderate-poor correlation with master chronology
ACT-005A	ACT+191.9m	38	N77W	7.8	1940?	1998	*P. ponderosa*	58	1940?	12 cm; c2c	Poor correlation with master chronology; fire (?) scar late 1949
ACT-005B		38	N77W	8.9	1940?	1998		58	1940?		Poor correlation with master chronology
ACT-006A	ACT+200m	31	S73W	9.7	1944	1998	*P. ponderosa*	54	1944	0 cm; Qbt + Qc	Moderate correlation with master chronology
ACT-006B		32	S16E	8.9	1944	1998		54	1944		Moderate correlation with master chronology

Table 2.3-2 (continued)

Core ID	Location	Core Height (cm)	Core Orientation	Core Length (cm)[a]	Dating Innermost	Dating Bark Yr (or most recent)	Species	Total Yr (based on x-dating)	Date of Pith Ring (= est. age)	Depth of Burial (cm) & Geomorphic Unit	Remarks
ACT-007A	AC+12m	63	S38E	15.6	1931	1998	*P. ponderosa*	67	1929[b]	46 cm; f1	Complacent ring series; does not cross-date
ACT-007B		63	S38E	14.1	1935	1998		63	1933[b]		Break and fire (?) scar @ 1949, or 1945 if 4 rings absent at break
ACT-008A	AC+17.3m	38	S18W	11.8	1935	1998	*P. ponderosa*	63	1931[b]	22 cm: f1	Break and fire (?) scar @ 1939; mod. correlation with master chronology
ACT-008B		38	S18W	8.7	1935	1998		63	1931[b]		Missing 2 rings, mid 1950's
ACT-009	ACT+44.6m	n.a.	n.a.	n.a.	1980?	1998	*P. ponderosa*	n.a.; 18[c]	n.a.	27 cm; c2a	Age estimate based on whorl count only; did not core
ACT-010	AC+52m	n.a.	n.a.	n.a.	1982?	1998	*P. ponderosa*	n.a.; 16[c]	n.a.	4 cm; c3c	Age estimate based on whorl count only; did not core

[a] Core length does not include bark.

[b] Pith not encountered.

[c] Did not core; age estimate based on whorl count only.

RFI characterization samples of the SWMU 0-030(g) channel sediments were collected on May 3–4, 1999, to define the nature and extent of contamination. The sediment samples collected from the outfall drainage channel (tributary) and from the Acid Canyon stream channel consisted mainly of very fine to coarse sand. Sample RE00-99-0171 contained some silt along with iron oxide stains. Five samples (RE00-99-0166 through -0170), due to their position in the channel and weather conditions (intermittent, light to medium rain and wet snow), were too wet to sieve to remove gravel (<2 mm). All other samples were sieved. All samples were field screened for alpha radiation using Ludlum 139 and for beta/gamma radiation using Eberline–ESP 1 pancake meter, and no results were above background values. A total of fifteen sediment samples were collected, eight from the SWMU 0-030(g) drainage channel and associated canyon bottom geomorphic surfaces (RE00-99-0165 through -0172) and seven from the stream channel and associated geomorphic surfaces at the bottom of Acid Canyon. Samples RE00-99-0173 through -0175 were collected upstream, and samples RE00-99-0176 through -0179 were collected downstream of the confluence of the drainage channel with the stream channel at the bottom of Acid Canyon. Sample RE00-99-0177 is a duplicate of RE00-99-0176. Analyses of the samples included americium-241, isotopic plutonium, isotopic uranium, TAL metals, PCBs, and gross alpha/beta/gamma radiation (Table 2.3-1). Table 2.3-3 shows the field descriptions and geomorphic context for the samples as described by the LANL field team. Table 2.3-3 also includes the sieve analysis results. All sample locations are shown on Figure 2.3-5.

The NMED/DOE OB also collected seven sediment samples from the drainage channel and one sediment sample from the stream channel downstream from the drainage channel during this sampling effort. Their sample IDs are denoted as OB030g-1 through -8 (Oversight Bureau, 0-030g, sample number one through eight) (Figure 2.3-5). Analyses of the NMED/DOE OB samples included americium-241, isotopic plutonium, isotopic uranium, TAL metals, cyanide, hexavalent chromium (one sample), PCBs, and pesticides (Table 2.3-4). Table 2.3-5 shows the field descriptions and geomorphic context for the NMED samples as described by the LANL field team. The NMED/DOE OB data were used as received. LANL did not validate these data.

The most recent sampling of the drainage channel sediments took place in September 1999. This sampling effort was designed to resample and analyze the previous 1999 sampling locations for pesticides (RE00-99-0265 through RE00-99-0281). In addition, two samples (RE00-99-0265 and RE00-99-0266) were collected that corresponded to the NMED/DOE OB sampling locations OB030g-3+4 and OB030g-8 (Figure 2.3-5). The collection of these two samples represented an augmentation to the SAP. These samples were analyzed for americium-241, isotopic plutonium, isotopic uranium, TAL metals, PCBs, and pesticides (Table 2.3-1).

2.3.4.3 Data Review

(a) Inorganic Chemical Comparison with Background

The results of the inorganic chemical analyses of the environmental media sampled at SWMU 0-030(g) are presented in this section. A complete list of analytes is presented in Appendix D, section D-1.0. Appendix D, section D-2.0, contains an abridged version of the data set for the investigation. A complete data set has been submitted to NMED in electronic format.

Table 2.3-3

SWMU 0-030(g), Field Descriptions, Geomorphic Context, and Sieve Analysis Results for Sediment Samples Collected by the Laboratory

							Sieve Analysis			
							% wt. Sand		% wt. Silt	% wt. Clay
Location ID	Sample ID	Location	Subreach	Unit	Depth (cm)	Stratigraphic Description/ Comments	V. coarse–coarse	Medium–v. fine		
00-10232	RE00-99-0165	ACT+37.2m; at ACT-001	030(g) drainage	c2a	29–41	Medium-coarse sand; pre-1964, post-1947 sediments	49.6	27.1	18.7	4.4
00-10233	RE00-99-0166	ACT+51.8m; at ACT-004	030(g) drainage	c2a	0–12	Dark very fine sand to fine sand; post-1980 sediments	4.2	26.6	61.3	7.4
00-10233	RE00-99-0167	ACT+51.8m; at ACT-004	030(g) drainage	c2a	45–58	Very fine sand, pre-1964, post-1935 sediments	4.1	30.1	49.9	15.9
00-10233	RE00-99-0168	ACT+51.8m; at ACT-004	030(g) drainage	c2a	58–79	Medium to coarse sand; Pre-1964, post-1935 seds.	64.8	19.0	11.3	4.7
00-10236	RE00-99-0169	8.8m W of ACT+ 90m	030(g) drainage	fan (c2)	0– 9	Fine sand to very fine sand	17.0	13.8	56.7	12.3
00-10237	RE00-99-0170	ACT+191.9m; at ACT-005	030(g) drainage	c2c	0–12	Fine sand to very fine sand; post-1940 sediments	1.8	11.7	69.3	17.2
00-10238	RE00-99-0171	ACT+221m	030(g) drainage	c1w	0–14	Silt to very fine sand	1.1	3.9	62.4	32.7
00-10238	RE00-99-0172	ACT+221m	030(g) drainage	c1w	14–30	Medium-coarse sand	63.1	17.3	13.2	6.4
00-10240	RE00-99-0173	AC+5m	Acid Canyon	c2N	0–47	Fine sand	22.5	49.2	21.2	7.2
00-10241	RE00-99-0174	AC+12m; at ACT-007	Acid Canyon	f1+ c3S	0–14	Dark fine sand to very fine sand	2.2	24.3	59.3	13.8
00-10242	RE00-99-0175	AC+25m	Acid Canyon	c1	0–5	Coarse sand + gravel	68.4	21.9	6.9	2.9
00-10243	RE00-99-0176	AC+52m	Acid Canyon	c3N	0–20	Dark fine sand to very fine sand	16.8	43.8	30.4	9.0
00-10243	RE00-99-0177	AC+52m	Acid Canyon	c3N	0–20	Duplicate of RE00-99-0176	18.1	44.5	28.7	8.7
00-10245	RE00-99-0178	AC+64m	Acid Canyon	c1	0–8	Coarse sand + gravel	77.8	16.6	3.8	1.8
00-10246	RE00-99-0179	AC+78m	Acid Canyon	c2N	0–40	Fine sand to very fine sand	14.0	43.5	32.1	10.3

Table 2.3-4

SWMU 0-030(g), Summary of Samples Collected by the NMED/DOE OB for Off-Site Fixed-Laboratory Analysis

				Analytical Suites					
Sample ID	Depth (in.)	Media	Pesticides	PCBs	TAL Metals + Cyanide	Americium-241	Isotopic Plutonium	Isotopic Uranium	Gross Alpha/Beta/ Gamma
OB030g-1	0–3.9	SED	X[a]	X	X	X	X	X	X
OB030g-2	0–2.4	SED	X	X	X	X	X	X	X
OB030g-3	0–2.8	SED	X	X	X	X	X	X	X
OB030g-4	4.7–12.2	SED	X	X	X	X	X	X	X
OB030g-5	7.9–15.7	SED	X	X	X	X	X	X	X
OB030g-6	0–7.9	SED	X	X	X	X	X	X	X
OB030g-7	7.9–15.7	SED	X	X	X[b]	X	X	X	X
OB030g-8	2–7.9	SED	X	X	X	X	X	X	X

[a] X indicates sample was analyzed for that suite or analyte(s).

[b] Sample also analyzed for hexavalent chromium.

Table 2.3-5

SWMU 0-030(g), Field Descriptions and Geomorphic Context for Sediment Samples Collected by the NMED/DOE OB

Location ID	Sample ID	Location	Subreach	Unit	Depth (cm)	Stratigraphic Description/ Comments
NA[a]	OB030g-1	ACT+15m	030g Drainage	c1	0-10	Coarse
NA	OB030g-2	ACT+ 94.7m	030g Drainage	c2b	0-6	Fine sand; base of ponderosa, depth of burial = 23 cm
00-10307	OB030g-3	ACT+120m	030g Drainage	c2c	0-7	Very fine sand
00-10307	OB030g-4	ACT+120m	030g Drainage	c2c	12-31	Coarse sand
00-10243	OB030g-5	AC+52m	Acid Canyon	c3	20-40	Fine sand; NMED duplicate for RE00-99-0176
NA	OB030g-6	ACT+225m	030g Drainage	c1w	0-20	Clayey silt (partially saturated)
NA	OB030g-7	ACT+225m	030g Drainage	c1w	20-40	Medium sand (saturated)
00-10308	OB030g-8	ACT+170m	030g Drainage	c1	5-20	Fine-very fine sand

[a] No corresponding LANL Location ID.

A QA/QC assessment of the inorganic chemical data associated with the analyses was conducted and is presented in more detail in Appendix C. Several inorganic chemicals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, manganese, nickel, selenium, silver, and vanadium) were qualified as either undetected estimated (UJ-) or estimated and biased low (J-) in one or more 1998 samples because matrix spike recoveries were below the lower acceptance limit (75%). Antimony and iron were qualified as estimated and biased high (J+) in twelve and thirteen 1999 samples, respectively, because the recoveries in the laboratory control samples were above the upper acceptance limit (120%). The potential low or high bias as indicated by these QA/QC results did not affect the usability of the data.

Several inorganic chemicals (arsenic, barium, beryllium, cadmium, calcium, cobalt, copper, magnesium, mercury, nickel, potassium, selenium, silver, sodium, and vanadium) were qualified as estimated (J) in a number of 1999 samples because the reported values were less than the reporting limits but above the instrument detection limits. Thallium in one 1998 sample, and sodium in two 1998 samples, were qualified as undetected (U) because the sample concentration was less than 5X the blank concentration, indicating that the analyte was present from blank contamination. Antimony in nine samples was qualified as unusable (R) because the matrix spike recoveries were less than the lowest acceptable limit (30%). There were no other data quality issues associated with the inorganic chemical analytical results.

With the exception of the R-qualified data, all the inorganic chemical data are usable. The R-qualified data did not affect the adequacy of the data set for any inorganic chemical for determining whether a release had occurred from the SWMU. The data quality assessment is discussed in more detail in Appendix C.

The data qualified as UJ-, J, J-, and J+ are estimated values because the associated QC data did not meet specifications. The qualification of the data in this manner indicates uncertainty in the reported concentration, but not in the identity of the analytes. "Risk Assessment Guidance for Superfund—Human Health Evaluation Manual, (Part A)" (EPA 1989, 08021) and "EPA Guidance for Data Usability in Risk Assessment (Part A)" (EPA 1992, 54947) state that these data can and should be used in a risk assessment just as data with no qualification. Data qualified as R are not of sufficient quality to use in a risk assessment and were eliminated from the data set used to estimate risk.

The background values (BVs) used in the comparisons to the inorganic chemical data included values for sediment and tuff (Qbt 2,3,4). The tuff BVs were used to compare the data from the mesa-top portion of the SWMU and included samples collected from the former location of the septic tank and drainlines that were removed in 1994. These structures were below ground and the material sampled was beneath where the septic tank and drainline were located. Therefore, the medium sampled was thought to be tuff or crushed tuff, even though the 1995 RFI report (LANL 1995, 51983) referred to the medium as soils (all horizons). Even if the characteristics of the medium were more like soil, the use of tuff BVs as opposed to soil BVs is a more conservative comparison and generally causes retention of more chemicals as COPCs in the data review. The sediment BVs were compared with the data from the drainage channel leading from the septic tank outfall as well as the stream channel at the bottom of Acid Canyon. The previous RFI report (LANL 1995, 51983.4) also referred to the medium sampled in the drainage channel as sediment. The BVs were obtained from "Inorganic and Radionuclide Background Data for Soils, Canyon Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (Ryti and Longmire 1998, 59730). Several inorganic chemicals had detection limits greater than the BVs for one or more of the media sampled. The elevated detection limits for the inorganic chemical data from the RFI samples were related to the analytical methods [inductively coupled plasma emission spectroscopy (ICPES) and cold vapor atomic absorption (CVAA) for mercury] and not the result of matrix interference or sample dilution. The analytical methods for each suite are provided in Appendix C and the complete data set is presented in Appendix D.

The frequencies of detection and the reported range of concentrations for detected inorganic chemicals analyzed at SWMU 0-030(g) are summarized in Tables 2.3-6, 2.3-7, and 2.3-8. The first table includes all the data from samples collected by the Laboratory over a several year period (1993, 1994, 1996, 1998, and 1999) from the area encompassing the SWMU. The second table presents data from samples collected by NMED/DOE OB from the drainage channel in 1999. The NMED/DOE OB data are presented as received. LANL did not validate these data. The third table presents the data collected by the Laboratory for the RFI (seven samples) and by NMED/DOE OB (one sample) from the stream channel that traverses the bottom of Acid Canyon. These latter samples were collected above and below the point where the drainage channel from SWMU 0-030(g) terminates in the bottom of the canyon, and were located to determine whether the drainage channel affects the stream channel as well as to define extent

of contamination. The NMED/DOE OB samples correspond to Laboratory sample locations, except for sample OB030g-1. The tables also include a summary of those inorganic chemicals that were reported as undetected (i.e., less than the estimated detection limit), but had detection limits above the BV. Some of the detection limits for antimony, mercury, selenium, silver and thallium in sediment and/or tuff samples collected by the Laboratory were greater than the BVs for these inorganic chemicals (Tables 2.3-6 and 2.3-8). Some of the detection limits for antimony, arsenic, cadmium, selenium, and thallium in sediment samples collected by the NMED/DOE OB were also above the BVs for these inorganic chemicals (Tables 2.3-7 and 2.3-8). The samples in which inorganic chemicals were detected at or above BVs are presented in Figures 2.3-10 and 2.3-11.

Twenty inorganic chemicals were detected in the tuff samples collected from the mesa-top portion of the SWMU. Of these, six (calcium, chromium, copper, lead, nickel, and selenium) were detected above their BVs in two or more samples of mesa-top tuff (Table 2.3-6). Twenty-four inorganic chemicals were detected in the sediment samples collected in the channel leading into Acid Canyon. Nineteen (aluminum, antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, selenium, silver, vanadium, and zinc) were detected above their sediment BVs in one or more drainage channel samples (Table 2.3-6). Twenty-one inorganic chemicals were detected in the sediment samples collected by the NMED/DOE OB in the drainage channel leading into Acid Canyon. Eight (arsenic, cobalt, lead, manganese, mercury, silver, thallium, and zinc) were detected above their sediment BVs in one or more of the NMED/DOE OB channel samples (Table 2.3-7). In addition, hexavalent chromium, which does not have a BV, was detected in one of the NMED/DOE OB drainage channel samples (Table 2.3-7). Antimony, arsenic, barium, calcium, chromium, cobalt, copper, lead, selenium, thallium, vanadium, and zinc were also detected above their sediment BVs in the Acid Canyon stream channel above and/or below the drainage channel from SWMU 0-030(g) in one or more samples (Table 2.3-8). Twenty inorganic chemicals were detected in the one NMED/DOE OB sample collected from the stream channel. Five inorganic chemicals (arsenic, cobalt, lead, thallium, and zinc) were detected above their sediment BVs in this sample (OB030g-5) (Table 2.3-8).

Table 2.3-6

SWMU 0-030(g), Frequency of Detected Inorganic Chemicals in Samples Collected by the Laboratory from the Mesa Top and Drainage Channel

Analyte	Location	Media	Number of Samples Analyzed	Number of Detects	Concentration Range[a] (mg/kg)	BV[b] (mg/kg)	Frequency of Detects Above BVs[c]
Aluminum	Mesa Top	Qbt 3	23	23	1900 – 6300	7340	0/23
	Drainage	Sediment	10	10	3150 – 17300	15,400	1/10
Antimony	Mesa Top	Qbt 3	23	0	[0.08 – 11]	0.5	0/23 7 of 23 DLs>BV[d]
	Drainage	Sediment	12	8	[0.1] – 1.6	0.83	5/12
Arsenic	Mesa Top	Qbt 3	23	23	0.9 – 2.2	2.79	0/23
	Drainage	Sediment	12	12	1.2 – 5.8	3.98	3/12
Barium	Mesa Top	Qbt 3	23	23	4.3 – 36	46	0/23
	Drainage	Sediment	12	12	28.8 – 200	127	3/12
Beryllium	Mesa Top	Qbt 3	23	7	0.4 – 0.83	1.21	0/23
	Drainage	Sediment	12	12	0.34 – 1.4	1.31	1/12
Cadmium	Mesa Top	Qbt 3	23	0	[0.52 – 0.57]	1.63	0/23
	Drainage	Sediment	12	6	[0.02] – 0.84	0.4	2/12
Calcium	Mesa Top	Qbt 3	23	23	220 – 7000	2200	2/23
	Drainage	Sediment	10	10	382 – 3060	4420	0/10
Chromium	Mesa Top	Qbt 3	23	23	1.1 – 360	7.14	5/23
	Drainage	Sediment	12	12	2.3 – 12.5	10.5	1/12
Chromium, Hexavalent	Mesa Top	Qbt 3	2	0	[0.51 – 0.52]	NA[e]	0/2 (no BV)
	Drainage	Sediment	0	-	Not Analyzed	NA	-
Cobalt	Mesa Top	Qbt 3	23	6	[1.0] – 1.8	3.14	0/23
	Drainage	Sediment	10	10	1.3 – 7.7	4.73	2/10
Copper	Mesa Top	Qbt 3	23	8	0.6 – 11	4.66	6/23
	Drainage	Sediment	10	10	5.4 – 37.5	11.2	4/10
Cyanide	Mesa Top	Qbt 3	7	7	0.14 – 0.325	0.5	0/7
	Drainage	Sediment	0	-	Not Analyzed	0.82	-
Iron	Mesa Top	Qbt 3	23	23	1900 – 5900	14500	0/23
	Drainage	Sediment	10	10	5520 – 20900	13,800	2/10
Lead	Mesa Top	Qbt 3	34	33	1.9 – 29	11.2	11/34
	Drainage	Sediment	12	12	11 – 96.4	19.7	9/12
Magnesium	Mesa Top	Qbt 3	23	23	160 – 810	1690	0/23
	Drainage	Sediment	10	10	449 – 2750	2370	1/10
Manganese	Mesa Top	Qbt 3	23	23	95 – 360	482	0/23
	Drainage	Sediment	10	10	88.2 – 693	543	1/10
Mercury	Mesa Top	Qbt 3	16	0	[0.1 – 0.11]	0.1	0/16 11 of 16 DLs>BV
	Drainage	Sediment	12	12	0.01 – 1.3	0.1	8/12

Table 2.3-6 (continued)

Analyte	Location	Media	Number of Samples Analyzed	Number of Detects	Concentration Range[a] (mg/kg)	BV[b] (mg/kg)	Frequency of Detects Above BVs[c]
Nickel	Mesa Top	Qbt 3	23	5	2 – 118	6.58	2/23
	Drainage	Sediment	12	12	2.3 – 9.4	9.36	1/12
Potassium	Mesa Top	Qbt 3	23	23	290 – 1100	3500	0/23
	Drainage	Sediment	10	10	193 – 1570	2690	0/10
Selenium	Mesa Top	Qbt 3	23	3	[0.2] – [1.1]	0.3	2/23 16 of 23 DLs>BV
	Drainage	Sediment	12	11	0.26 – 1.1	0.3	10/12 1 of 12 DL>BV
Silver	Mesa Top	Qbt 3	23	0	[1 – 2.3]	1.0	0/23 16 of 23 DLs>BV
	Drainage	Sediment	12	4	[0.06] – 2.9	1.0	1/12
Sodium	Mesa Top	Qbt 3	23	20	51 – 150	2770	0/23
	Drainage	Sediment	10	10	39.5 – 200	1470	0/10
Thallium	Mesa Top	Qbt 3	23	3	[0.04] – [0.34]	1.1	0/23
	Drainage	Sediment	12	2	[0.1 – 0.79]	0.73	0/12 1 of 12 DL>BV
Uranium	Mesa Top	Qbt 3	0	-	Not Analyzed	5.79	-
	Drainage	Sediment	11	11	1.42 – 6.82	6.99	0/11
Vanadium	Mesa Top	Qbt 3	23	7	1.1 – 6.4	17	0/23
	Drainage	Sediment	10	10	6.8 – 33	19.7	2/10
Zinc	Mesa Top	Qbt 3	23	23	13 – 55	63.5	0/23
	Drainage	Sediment	10	10	25.8 – 97.9	60.2	6/10

[a] Values in square brackets represent detection limits reported by the analytical laboratory. The results were reported as not detected.

[b] BV = Background value.

[c] Value is the ratio of the number of detects exceeding the BV to the number of analyses.

[d] DLs>BVs = detection limits greater than the background values.

[e] NA = Not available.

Table 2.3-7

SWMU 0-030(g), Frequency of Detected Inorganic Chemicals in sediment Samples Collected by NMED/DOE OB from the Drainage Channel

Analyte	Number of Samples Analyzed	Number of Detects	Concentration Range[a] (mg/kg)	BV[b] (mg/kg)	Frequency of Detects Above BVs[c]
Aluminum	7	7	1900 – 8900	15400	0/7
Antimony	7	0	[0.7 – 0.9]	0.83	1 of 7 DL>BV[d]
Arsenic	7	2	[0.8] – 28	3.98	1/7 2 of 7 DL>BV
Barium	7	7	24 – 120	127	0/7
Beryllium	7	7	0.26 – 1.3	1.31	0/7
Cadmium	7	0	[0.07 – 0.8]	0.4	1 of 7 DL>BV
Calcium	7	7	580 – 2700	4420	0/7
Chromium	7	7	2.2 – 7.7	10.5	0/7
Hexavalent Chromium	1	1	0.14	NA[e]	1 detect (no BV)
Cobalt	7	7	0.38 – 7.2	4.73	2/7
Copper	7	7	7.2 – 27	11.2	4/7
Cyanide	7	0	[0.2]	0.82	0/7
Iron	7	7	3000 – 8400	13800	0/7
Lead	7	7	14 – 58	19.7	5/7
Magnesium	7	7	400 – 1400	2370	0/7
Manganese	7	7	69 – 730	543	1/7
Mercury	7	7	0.032 – 1.15	0.1	6/7
Nickel	7	7	2.1 – 7.4	9.38	0/7
Potassium	7	7	420 – 1400	2690	0/7
Selenium	7	0	[1.0 – 2.0]	0.3	7 of 7 DL>BV
Silver	7	7	0.14 – 1.1	1.0	1/7
Sodium	7	7	160 – 250	1470	0/7
Thallium	7	3	[2.0 – 10]	0.73	2/7 5 of 7 DL>BV
Vanadium	7	7	3.2 – 14	19.7	0/7
Zinc	7	7	37- 840	60.2	4/7

[a] Values in square brackets represent detection limits reported by the analytical laboratory. The results were reported as not detected.

[b] BV = Background value.

[c] Value is the ratio of the number of detects exceeding the BV to the number of analyses.

[d] Detection limits exceeded the background value.

[e] NA = Not available.

Table 2.3-8

SWMU 0-030(g), Frequency of Detected Inorganic Chemicals in Sediment Samples Collected by the Laboratory and NMED/DOE OB from the Stream Channel in Acid Canyon

Analyte	Number of Samples Analyzed	Number of Detects	Concentration Range[a] (mg/kg)	BV[b] (mg/kg)	Frequency of Detects Above BVs[c]
Aluminum	8	8	1400 – 8310	15400	0/8
Antimony	8	6	0.47 – 0.94	0.83	2/8
Arsenic	8	8	1.6 – 20	3.98	2/8
Barium	8	8	23 – 129	127	1/8
Beryllium	8	8	0.24 – 1.1	1.31	0/8
Cadmium	8	2	[0.02] – 0.12	0.4	0/8
Calcium	8	8	651 – 4590	4420	1/8
Chromium	8	8	2.6 – 19	10.5	5/8
Cobalt	8	8	2.2 – 5.7	4.73	4/8
Copper	8	8	2.6 – 14.9	11.2	2/8
Cyanide	1	0	[0.02]	0.82	0/1
Iron	8	8	5620 – 12900	13800	0/8
Lead	8	8	17.1 – 116	19.7	7/8
Magnesium	8	8	400 – 1400	2370	0/8
Manganese	8	8	191 – 489	543	0/8
Mercury	8	5	[0.01] – 0.06	0.1	0/8
Nickel	8	8	1.8 – 7.2	9.38	0/8
Potassium	8	8	196 – 1160	2690	0/8
Selenium	8	6	0.22 – [2.0]	0.3	5/8 2 of 8 DL>BV[d]
Silver	8	1	[0.07] – 0.57	1.0	0/8
Sodium	8	8	39.5 – 330	1470	0/8
Thallium	8	1	[0.29] – 7.3	0.73	1/8
Vanadium	8	8	6.4 – 20.6	19.7	1/8
Zinc	8	8	51.7 – 152	60.2	7/8

[a] Values in square brackets represent detection limits reported by the laboratory. The results were reported as not detected.

[b] BV = Background value.

[c] Value is the ratio of the number of detects exceeding the BV to the number of analyses.

[d] Detection limits exceeded the background value.

The inorganic chemicals that were either not detected and had detection limits below their BVs, or were detected below their BVs in both the Laboratory and NMED/DOE Oversight Bureau samples were not evaluated further. Those inorganic chemicals that had detected values or detection limits greater than their BVs were compared statistically to the background data sets as well as to the range of values that make up the background data set for each chemical. The RFI sample data sets include enough samples to conduct statistical comparisons with the sediment and tuff background data sets. The statistical

comparisons employed the Wilcoxon Rank Sum/Gehan, Quantile, and Slippage Tests. Appendix E, Tables E-1.0-3 and E-1.0-4, present the p-values for each statistical test by inorganic chemical.

For Qbt 2,3,4, chromium, copper, and lead were significantly different from the background data set by all three of the statistical tests (P<0.05), while calcium was not significantly different from background (P>0.05) by all three tests (Appendix E, Table E-1.0-3). Antimony, mercury, and silver were not detected in the mesa-top tuff samples above their BVs, but had detection limits greater than their BVs. Selenium also had elevated detection limits above its tuff BV, and was detected above the BV in two samples on the mesa top. As a result, antimony, mercury, selenium, and silver were retained as COPCs on the mesa top. Nickel was not different from Qbt 2,3,4 background by two statistical tests (P>0.05), but was retained as a COPC on the mesa top because of one elevated concentration that was more than an order of magnitude above the tuff BV (Table 2.3-9). The distributions of the tuff sample data sets for the mesa-top inorganic chemicals are compared to the distributions of the background data sets using box plots, which are presented in Appendix E.

The detected concentrations of aluminum, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, iron, lead, magnesium, manganese, nickel, vanadium, and zinc from the combined data sets for the drainage channel sediment were also compared to the distribution of the background data for each inorganic chemical. The comparison demonstrated that at least one concentration for each inorganic chemical was greater than the respective ranges of the background data set. Statistical comparisons of the chemicals found that aluminum, beryllium, chromium, iron, magnesium, manganese, nickel, and vanadium, were not statistically different from background (P>0.05), while arsenic, barium, cadmium, cobalt, copper, lead, and zinc were statistically different from background (P<0.05) in two or three of the tests (Appendix E, Table E1.0-4). Thallium was detected in two sediment samples collected by NMED/DOE OB above the BV and had elevated detection limits above its sediment BV in several other Laboratory and NMED/DOE OB samples. Antimony, mercury, selenium, and silver were also detected above their sediment BVs in Laboratory and/or NMED/DOE OB samples from the drainage channel. Statistical comparisons for antimony, mercury, selenium, silver, and thallium were not conducted, either because there are no sediment background data sets or the background data sets are inadequate to conduct a representative statistical comparison for these chemicals. These five chemicals were retained as COPCs in the drainage channel. The distributions of the sediment sample data sets for the drainage channel inorganic chemicals were compared to the distributions of the background data sets using box plots, which are presented in Appendix E.

The inorganic chemicals with concentrations or detection limits determined to be greater than background are presented by sample in Tables 2.3-9, 2.3-10, and 2.3-11. Based on the background comparisons, antimony, chromium, copper, lead, mercury, nickel, selenium, and silver were identified as COPCs on the mesa top and antimony, arsenic, barium, cadmium, cobalt, copper, lead, mercury, selenium, silver, thallium, and zinc were identified as COPCs in the drainage channel leading into Acid Canyon (Table 2.3-12). These COPCs were carried forward to the screening assessments for human health and ecological risks, Section 2.4, Site Assessments. In addition, antimony, arsenic, barium, calcium, chromium, cobalt, copper, lead, manganese, mercury, selenium, silver, thallium, vanadium, and zinc were detected above the sediment BVs in the stream channel sediments at the bottom of Acid Canyon. As previously stated, these stream channel sediment sample results were used to illustrate whether the SWMU 0-030(g) drainage channel affects the stream channel sediments at the bottom of Acid Canyon and to determine the extent of the contamination along the SWMU 0-030(g) drainage channel. The Acid Canyon stream channel sediment data are discussed with respect to extent in Section 2.3.5.1. These data along with additional samples collected from the stream channel by the Canyon Focus Area will be presented and discussed in the evaluation of sediment and surface water in Acid Canyon.

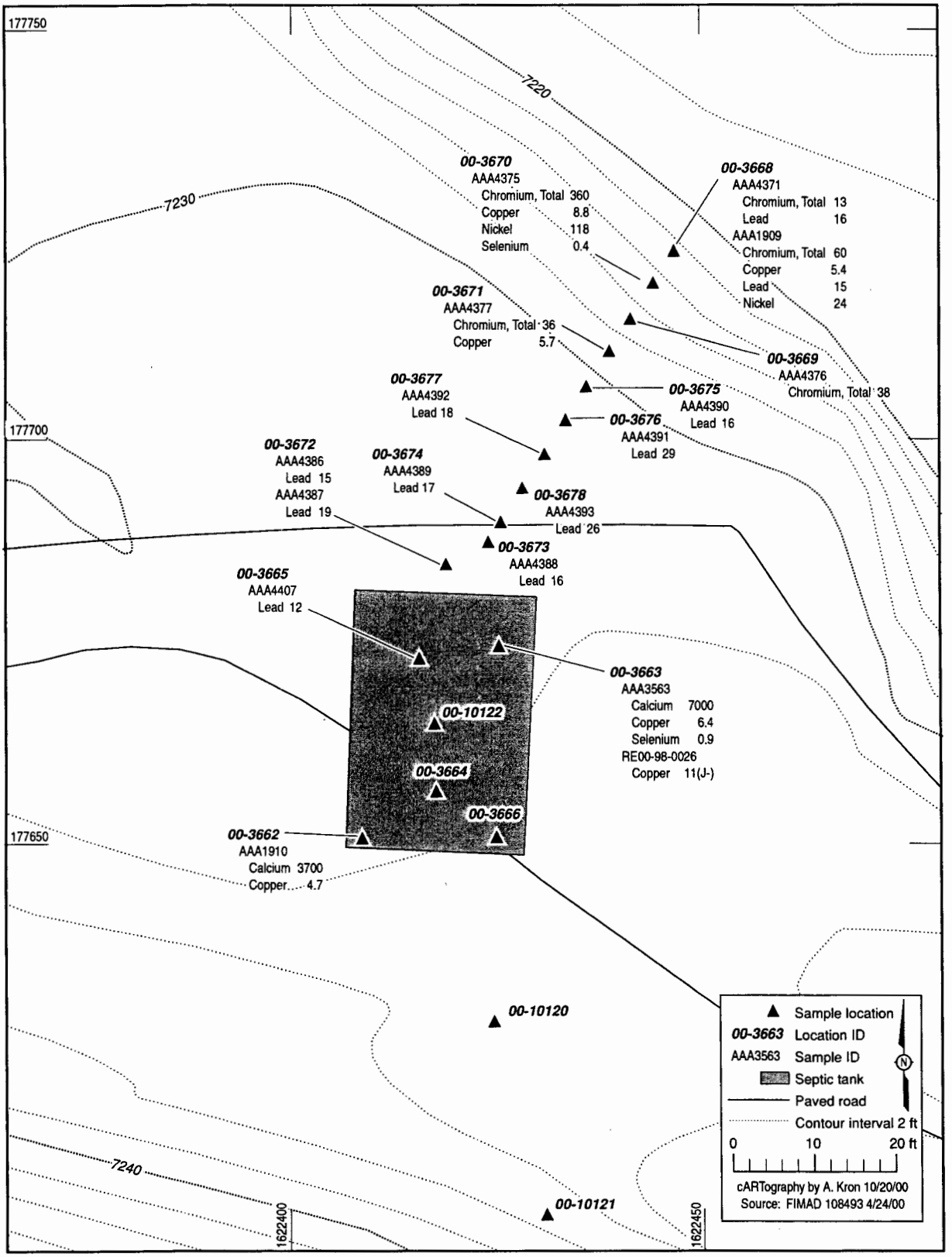

Figure 2.3-10. Locations with inorganic chemicals (mg/kg) at or above background values for the mesa top at SWMU 0-030(g)

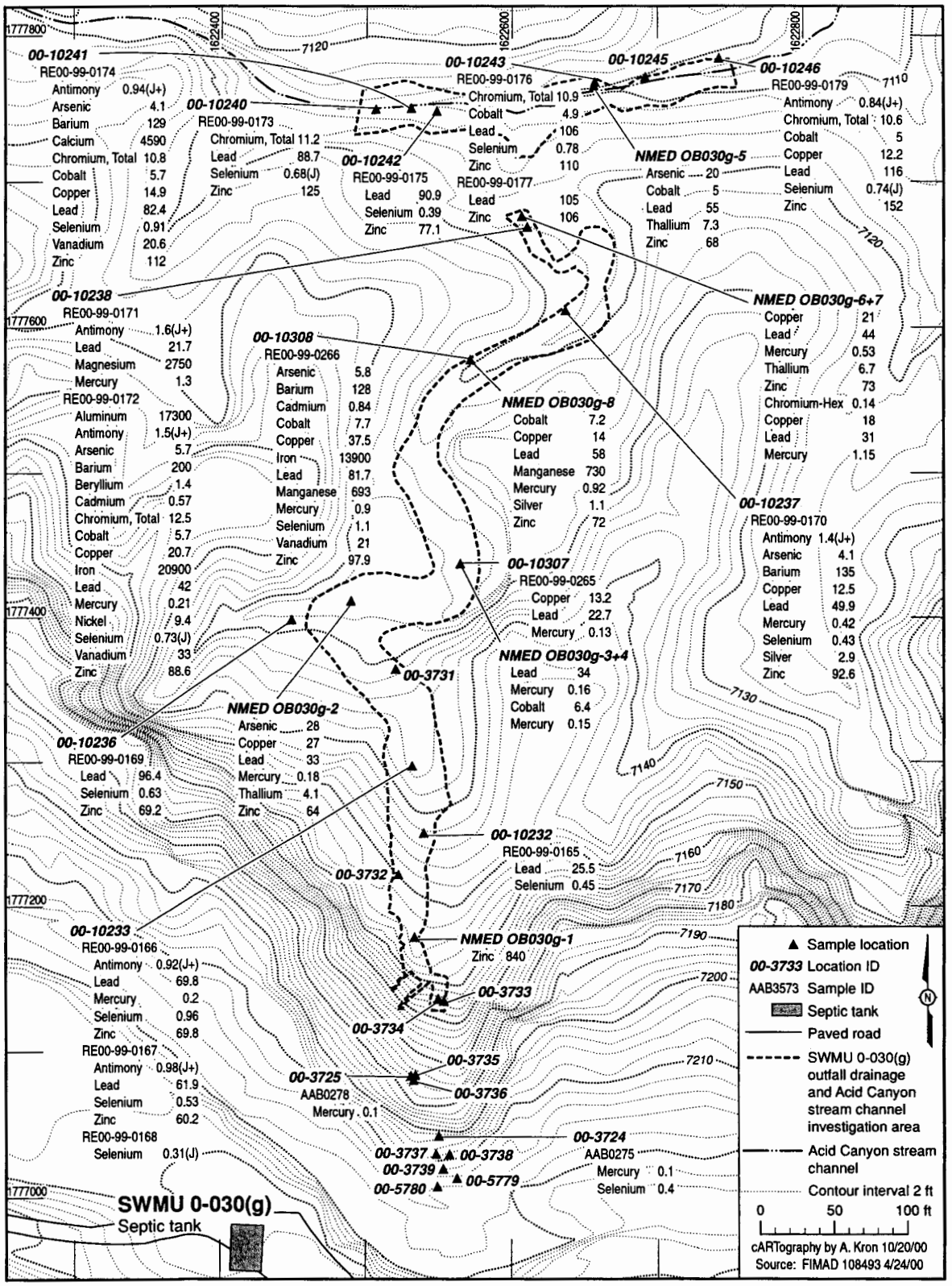

Figure 2.3-11. Locations with inorganic chemicals (mg/kg) at or above background values for the drainage and stream channels at SWMU 0-030(g)

(b) Radionuclide Comparison with Background/Fallout Radionuclide Concentrations

The results of the radionuclide analyses of the different media sampled at SWMU 0-030(g) are presented in this section. The analyses included isotopic plutonium, isotopic uranium, americium-241, and gamma spectroscopy radionuclides. A complete list of the analytes associated with the above analyses is presented in Appendix D-1.0. Appendix D-2.0 contains an abridged version of the data set for the investigation. A complete data set has been submitted to NMED in electronic format.

Table 2.3-9

SWMU 0-030(g), Inorganic Chemicals with Concentrations At or Exceeding Background Values in Samples Collected by the Laboratory from the Mesa Top and Drainage Channel[a]

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)[b]	BV (mg/kg)	Media	Depth (in.)
Antimony	00-10120	RE00-98-0015	11(UJ-)	0.5	QBT3	42-48
	00-10120	RE00-98-0014	11(UJ-)			60-66
	00-10121	RE00-98-0016	10(UJ-)			24-24
	00-3666	RE00-98-0021	11(UJ-)			126-138
	00-3666	RE00-98-0020	11(UJ-)			168-180
	00-3670	RE00-98-0031	10(UJ-)			24-36
	00-3670	RE00-98-0032	10(UJ-)			72-84
Antimony	00-10233	RE00-99-0166	0.92(J+)	0.83	Sediment	0-4.7
	00-10233	RE00-99-0167	0.98(J+)			17.7-22.8
	00-10237	RE00-99-0170	1.4(J+)			0-4.7
	00-10238	RE00-99-0171	1.6(J+)			0-6.3
	00-10238	RE00-99-0172	1.5(J+)			6.3-11.8
Arsenic	00-10308	RE00-99-0266	5.8	3.98	Sediment	5.9-9.8
	00-10237	RE00-99-0170	4.1			0-4.7
	00-10238	RE00-99-0172	5.7			6.3-11.8
Barium	00-10308	RE00-99-0266	128	127	Sediment	5.9-9.8
	00-10237	RE00-99-0170	135			0-4.7
	00-10238	RE00-99-0172	200			6.3-11.8
Cadmium	00-10308	RE00-99-0266	0.84	0.4	Sediment	5.9-9.8
	00-10238	RE00-99-0172	0.57			6.3-11.8
Chromium, Total	00-3668	AAA4371	13	7.14	QBT3	12-18
	00-3668	AAA1909	60			36-96
	00-3670	AAA4375	360			24-30
	00-3669	AAA4376	38			42-48
	00-3671	AAA4377	36			60-66
Cobalt	00-10308	RE00-99-0266	7.7	4.73	Sediment	5.9-9.8
	00-10238	RE00-99-0172	5.7			6.3-11.8

Table 2.3-9 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)[b]	BV (mg/kg)	Media	Depth (in.)
Copper	00-3668	AAA1909	5.4	4.66	QBT3	36-96
	00-3662	AAA1910	4.7			108-114
	00-3663	AAA3563	6.4			108-114
	00-3663	RE00-98-0026	11(J-)			150-162
	00-3670	AAA4375	8.8			24-30
	00-3671	AAA4377	5.7			60-66
Copper	00-10307	RE00-99-0265	13.2	11.2	Sediment	7.9-15.7
	00-10308	RE00-99-0266	37.5			5.9-9.8
	00-10237	RE00-99-0170	12.5			0-4.7
	00-10238	RE00-99-0172	20.7			6.3-11.8
Lead	00-3668	AAA4371	16	11.2	QBT3	12-18
	00-3668	AAA1909	15			36-96
	00-3372	AAA4386	15			8-22
	00-3672	AAA4387	19			24-30
	00-3673	AAA4388	16			30-36
	00-3674	AAA4389	17			30-36
	00-3675	AAA4390	16			66-72
	00-3676	AAA4391	29			78-84
	00-3677	AAA4392	18			90-96
	00-3678	AAA4393	26			102-108
	00-3665	AAA4407	12			108-114
Lead	00-10232	RE00-99-0165	25.5	19.7	Sediment	11.4-16.1
	00-10233	RE00-99-0166	69.8			0-4.7
	00-10233	RE00-99-0167	61.9			17.7-22.8
	00-10236	RE00-99-0169	96.4			0-3.5
Lead	00-10307	RE00-99-0265	22.7	19.7	Sediment	7.9-15.7
	00-10308	RE00-99-0266	81.7			5.9-9.8
	00-10237	RE00-99-0170	49.9			0-4.7
	00-10238	RE00-99-0171	21.7			0-6.3
	00-10238	RE00-99-0172	42			6.3-11.8

Table 2.3-9 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)[b]	BV (mg/kg)	Media	Depth (in.)
Mercury	00-3662	RE00-98-0002	0.11(U)	0.1	QBT3	168-180
	00-10120	RE00-98-0015	0.11(U)			42-48
	00-10120	RE00-98-0014	0.11(U)			60-66
	00-10122	RE00-98-0017	0.11(U)			108-120
	00-10122	RE00-98-0023	0.11(U)			156-168
	00-3662	RE00-98-0019	0.11(U)			120-132
	00-3666	RE00-98-0021	0.11(U)			126-138
	00-3666	RE00-98-0020	0.11(U)			168-180
	00-3663	RE00-98-0026	0.11(U)			150-162
	00-3665	RE00-98-0027	0.11(U)			108-120
	00-3665	RE00-98-0024	0.11(U)			156-168
Mercury	00-3724	AAB0275	0.1	0.1	Sediment	0-1
	00-3725	AAB0278	0.1			0-1
	00-10233	RE00-99-0166	0.2			0-4.7
	00-10307	RE00-99-0265	0.13			7.9-15.7
	00-10308	RE00-99-0266	0.9			5.9-9.8
	00-10237	RE00-99-0170	0.42			0-4.7
	00-10238	RE00-99-0171	1.3			0-6.3
	00-10238	RE00-99-0172	0.21			6.3-11.8
Nickel	00-3668	AAA1909	24	6.58	QBT3	36-96
	00-3670	AAA4375	118			24-30

Table 2.3-9 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)[b]	BV (mg/kg)	Media	Depth (in.)
Selenium	00-3663	AAA3563	0.9	0.3	QBT3	108-114
	00-3663	RE00-98-0026	0.53(UJ-)			150-162
	00-3670	AAA4375	0.4			24-30
	00-3662	RE00-98-0019	0.57(UJ-)			120-132
	00-3662	RE00-98-0002	0.56(UJ-)			168-180
	00-10120	RE00-98-0015	0.54(UJ-)			42-48
	00-10120	RE00-98-0014	0.53(UJ-)			60-66
	00-10121	RE00-98-0016	1(UJ-)			24-24
	00-10122	RE00-98-0017	0.57(UJ-)			108-120
	00-10122	RE00-98-0023	0.54(UJ-)			156-168
	00-3666	RE00-98-0021	0.56(UJ-)			126-138
	00-3666	RE00-98-0020	0.57(UJ-)			168-180
	00-3665	RE00-98-0027	1.1(UJ-)			108-120
	00-3665	RE00-98-0024	1.1(UJ-)			156-168
	00-3678	RE00-98-0022	0.52(UJ-)			102-114
	00-3678	RE00-98-0025	1(UJ-)			150-162
	00-3670	RE00-98-0031	0.78(UJ-)			24-36
	00-3670	RE00-98-0032	0.75(UJ-)			72-84
Selenium	00-3724	AAB0275	0.4	0.3	Sediment	0-1
	00-10232	RE00-99-0165	0.45			11.4-16.1
	00-10233	RE00-99-0166	0.96			0-4.7
	00-10233	RE00-99-0167	0.53			17.7-22.8
	00-10233	RE00-99-0168	0.31(J)			22.8-31.1
	00-10236	RE00-99-0169	0.63			0-3.5
	00-10307	RE00-99-0265	0.86(U)			7.9-15.7
	00-10308	RE00-99-0266	1.1			5.9-9.8
	00-10237	RE00-99-0170	0.43			0-4.7
	00-10238	RE00-99-0172	0.73(J)			6.3-11.8

Table 2.3-9 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)[b]	BV (mg/kg)	Media	Depth (in.)
Silver	00-3662	RE00-98-0019	2.3(UJ-)	1.0	QBT3	120-132
	00-3662	RE00-98-0002	2.2(UJ-)			168-180
	00-10120	RE00-98-0015	2.2(UJ-)			42-48
	00-10120	RE00-98-0014	2.1(UJ-)			60-66
	00-10121	RE00-98-0016	2.1(UJ-)			24-24
	00-10122	RE00-98-0017	2.3(UJ-)			108-120
	00-10122	RE00-98-0023	2.2(UJ-)			156-168
	00-3666	RE00-98-0021	2.2(UJ-)			126-138
	00-3666	RE00-98-0020	2.3(UJ-)			168-180
	00-3665	RE00-98-0027	2.2(UJ-)			108-120
	00-3665	RE00-98-0024	2.2(UJ-)			156-168
	00-3678	RE00-98-0022	2.1(UJ-)			102-114
	00-3678	RE00-98-0025	2.1(UJ-)			150-162
	00-3663	RE00-98-0026	2.1(UJ-)			150-162
	00-3670	RE00-98-0031	2.1(UJ-)			24-36
	00-3670	RE00-98-0032	2.1(UJ-)			72-84
Silver	00-10237	RE00-99-0170	2.9	1.0	Sediment	0-4.7
Thallium	00-10238	RE00-99-0172	0.79(U)	0.73	Sediment	6.3-11.8
Zinc	00-10233	RE00-99-0166	69.8	60.2	Sediment	0-4.7
	00-10233	RE00-99-0167	60.2			17.7-22.8
	00-10236	RE00-99-0169	69.2			0-3.5
	00-10308	RE00-99-0266	97.9			5.9-9.8
	00-10237	RE00-99-0170	92.6			0-4.7
	00-10238	RE00-99-0172	88.6			6.3-11.8

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C-1, Table C-1.0-1. Detection limits can be found in Appendix D-1, Table D-1.0-1.

[b] Data qualifiers are defined in the Glossary, Appendix A-2.

A QA/QC assessment of the radionuclide data associated with the analyses indicated that there were no data quality issues associated with these data. Several radionuclide sample results were qualified as undetected (U) because the reported results were less than three times the total propagated uncertainty for the samples. Other radionuclides were qualified as U because the reported results were less than the minimum detectable activity. All of the radionuclide data from this SWMU were usable and adequate for determining whether a release had occurred. The data quality assessment is discussed in more detail in Appendix C.

The background and fallout values used in the comparisons to the radionuclide data included values for sediment and tuff (Qbt 2,3,4). The tuff background and fallout values were compared with the data from the mesa-top portion of the SWMU and included samples collected from the former location of the septic tank and drainlines that were removed in 1994. These structures were below ground and the material

sampled was beneath the septic tank and drainline locations. Therefore, the medium sampled was assumed to be tuff or crushed tuff even though the 1995 RFI report (LANL 1995, 51983.4) referred to the medium as soils. The sediment BVs were compared with the data from the drainage channel leading from the septic tank outfall as well as along the stream channel at the bottom of Acid Canyon. The previous RFI report (LANL 1995, 51983.4) also referred to the medium sampled in the drainage channel as sediment. The values were obtained from "Inorganic and Radionuclide Background Data for Soils, Canyon Sediments, and Bandelier Tuff at LANL" (Ryti and Longmire 1998, 59730). The analytical and sample preparation methods used in analyzing the samples collected during the RFI were comparable to the methods used to determine the background data set.

Table 2.3-10

SWMU 0-030(g), Inorganic Chemicals with Concentrations At or Exceeding Background Values in Sediment Samples Collected from the Drainage Channel by NMED/DOE OB[a]

Analyte	Sample ID	Sample Concentration (mg/kg)	BV (mg/kg)	Depth (in.)
Antimony	OB030g-1	0.9(U)[b]	0.83	0–3.9
Arsenic	OB030g-2[c]	28	3.98	0–2.4
	OB030g-6[d]	8(U)		0–7.9
	OB030g-7[d]	14(U)		7.9–15.7
Cadmium	OB030g-3[e]	0.8(U)	0.4	0–2.8
Chromium-Hex	OB030g-7	0.14	Not Available	7.9–15.7
Cobalt	OB030g-4[e]	6.4	4.73	4.7–12.2
	OB030g-8[f]	7.2		2–7.9
Copper	OB030g-2	27	11.2	0–2.4
	OB030g-8	14		2–7.9
	OB030g-6	21		0–7.9
	OB030g-7	18		7.9–15.7
Lead	OB030g-2	33	19.7	0–2.4
	OB030g-3	34		0–2.8
	OB030g-8	58		2–7.9
	OB030g-6	44		0–7.9
	OB030g-7	31		7.9–15.7
Mercury	OB030g-2	0.18	0.1	0–2.4
	OB030g-3	0.16		0–2.8
	OB030g-4	0.15		4.7–12.2
	OB030g-8	0.92		2–7.9
	OB030g-6	0.53		0–7.9
	OB030g-7	1.15		7.9–15.7

Table 2.3-10 (continued)

Analyte	Sample ID	Sample Concentration (mg/kg)[b]	BV (mg/kg)	Depth (in.)
Selenium	OB030g-1	2(U)	0.3	0–3.9
	OB030g-2	2(U)		0–2.4
	OB030g-3	2(U)		0–2.8
	OB030g-4	2(U)		4.7–12.2
	OB030g-8	1(U)		2–7.9
	OB030g-6	1(U)		0–7.9
	OB030g-7	2(U)		7.9–15.7
Silver	OB030g-8	1.1	1.0	2–7.9
Thallium	OB030g-1	2(U)	0.73	0–3.9
	OB030g-2	4.1		0–2.4
	OB030g-3	2(U)		0–2.8
	OB030g-4	2(U)		4.7–12.2
	OB030g-8	10(U)		2–7.9
	OB030g-6	6.7		0–7.9
	OB030g-7	2(U)		7.9–15.7
Zinc	OB030g-1	840	60.2	0–3.9
	OB030g-2	64		0–2.4
	OB030g-8	72		2–7.9
	OB030g-6	73		0–7.9

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C, Table C-1.0-1; detection limits can be found in Appendix D, Table D-1.0-1.

[b] Data qualifiers are defined in the glossary in Appendix A.

[c] Sample was collected at, or near, Laboratory sample location 00-10236.

[d] Samples were collected at, near, Laboratory sample location 00-10238.

[e] Samples were collected at, or near, Laboratory sample location 00-10307.

[f] Sample was collected at, or near, Laboratory sample location 00-10308.

Table 2.3-11

SWMU 0-030(g), Inorganic Chemicals with Concentrations At or Exceeding Background Values in Sediment Samples Collected from the Stream Channel in Acid Canyon by the Laboratory and NMED/DOE OB[a]

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)[b]	BV (mg/kg)	Depth (in.)
Antimony	00-10241	RE00-99-0174	0.94(J+)	0.83	0–5.5
	00-10246	RE00-99-0179	0.84(J+)		0–15.7
Arsenic	00-10241	RE00-99-0174	4.1	3.98	0–5.5
	NA	OB030g-5[c,d]	20		7.9–15.7
Barium	00-10241	RE00-99-0174	129	127	0–5.5
Calcium	00-10241	RE00-99-0174	4590	4420	0–5.5
Chromium, Total	00-10240	RE00-99-0173	11.2	10.5	0–18.5
	00-10241	RE00-99-0174	10.8		0–5.5
	00-10243	RE00-99-0176	10.9		0–7.9
	00-10246	RE00-99-0179	10.6		0–15.7
Cobalt	00-10241	RE00-99-0174	5.7	4.73	0–5.5
	00-10243	RE00-99-0176	4.9		0–7.9
	NA	OB030g-5	5.0		7.9–15.7
	00-10246	RE00-99-0179	5.0		0–15.7
Copper	00-10241	RE00-99-0174	14.9	11.2	0–5.5
	00-10246	RE00-99-0179	12.2		0–15.7
Lead	00-10240	RE00-99-0173	88.7	19.7	0–18.5
	00-10241	RE00-99-0174	82.4		0–5.5
	00-10242	RE00-99-0175	90.9		0–2
	00-10243	RE00-99-0176	106		0–7.9
	00-10243	RE00-99-0177	105		0–7.9
	NA	OB030g-5	55		7.9–15.7
	00-10246	RE00-99-0179	116		0–15.7
Selenium	00-10240	RE00-99-0173	0.68(J)	0.3	0–18.5
	00-10241	RE00-99-0174	0.91		0–5.5
	00-10242	RE00-99-0175	0.39		0–2
	00-10243	RE00-99-0176	0.78		0–7.9
	00-10243	RE00-99-0177	0.37(U)		0–7.9
	NA	OB030g-5	2(U)		7.9–15.7
	00-10246	RE00-99-0179	0.74(J)		0–5.7
Thallium	NA	OB030g-5	7.3	0.73	7.9–5.7
Vanadium	00-10241	RE00-99-0174	20.6	19.7	0–5.5

Table 2.3-11 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)[b]	BV (mg/kg)	Depth (in.)
Zinc	00-10240	RE00-99-0173	125	60.2	0–18.5
	00-10241	RE00-99-0174	112		0–5.5
	00-10242	RE00-99-0175	77.1		0–2
	00-10243	RE00-99-0176	110		0–7.9
	00-10243	RE00-99-0177	106		0–7.9
	NA	OB030g-5	68		7.9–15.7
	00-10246	RE00-99-0179	152		0–15.7

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C, Table C-1.0-1; detection limits can be found in Appendix D, Table D-1.0-1.

[b] Data qualifiers are defined in the glossary in Appendix A.

[c] Sample was collected at, or near, Laboratory sample location 00-10243.

[d] Sample was collected from along the ephemeral stream channel at the bottom of Acid Canyon below the confluence of the drainage channel from SWMU 0-030(g).

Table 2.3-12

SWMU 0-030(g), Results of Inorganic Chemical Data Review

Analyte	Location	Result	Rationale
Aluminum	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC because the sample values were not statistically different from sediment background.
Antimony	Mesa Top	Retained	Retained as a COPC because detection limits exceeded the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as a COPC because five sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV. One sample value from NMED/DOE Oversight Bureau samples collected in the drainage channel had a detection limit that exceeded the sediment BV.
Arsenic	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as a COPC because three sample values from Laboratory samples in the drainage channel exceeded the sediment BV and values were greater than the range of background values. One sample value from NMED/DOE OB samples collected in the drainage channel and two detection limits exceeded the sediment BV and values were greater than the range of background values.
Barium	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as a COPC because three sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values.
Beryllium	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC because the sample values were not statistically different from sediment background..

Table 2.3-12 (continued)

Analyte	Location	Result	Rationale
Cadmium	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as a COPC because two sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV and one sample value from NMED/DOE Oversight Bureau samples collected in the drainage channel had a detection limit that exceeded the sediment BV. Both values were greater than the range of background values.
Calcium	Mesa Top	Eliminated	Eliminated as a COPC because the sample values were not statistically different from Qbt 2,3,4 background.
	Drainage	Eliminated	Eliminated as a COPC because concentrations were less than the sediment BV.
Chromium	Mesa Top	Retained	Retained as a COPC because five sample values from Laboratory samples exceeded the Qbt 2,3,4 BV and values were greater than the range of background values.
	Drainage	Eliminated	Eliminated as a COPC because the sample values were not statistically different from sediment background.
Hexavalent Chromium	Mesa Top	Eliminated	Eliminated as a COPC because hexavalent chromium was not detected in the Laboratory samples collected on the mesa top.
	Drainage	Retained	Eliminated as a COPC because hexavalent chromium was not analyzed for in any of the Laboratory samples collected in the drainage channel. It was detected in one of the NMED/DOE OB samples and has no background value.
Cobalt	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as a COPC because two sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values. Two sample values from NMED/DOE OB samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values.
Copper	Mesa Top	Retained	Retained as a COPC because five sample values from Laboratory samples exceeded the Qbt 2,3,4 BV and values were greater than the range of background values.
	Drainage	Retained	Retained as a COPC because four sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values. Four sample values from NMED/DOE Oversight Bureau samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values.
Cyanide	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC because concentrations were less than the sediment BV.
Iron	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC as a COPC because the sample values were not statistically different from the sediment background .
Lead	Mesa Top	Retained	Retained as COPC because 11 sample values from Laboratory samples exceeded the Qbt 2,3,4 BV and values were greater than the range of background values.
Lead	Drainage	Retained	Retained as COPC because 9 sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values. Five sample values from NMED/DOE Oversight Bureau samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values.

Table 2.3-12 (continued)

Analyte	Location	Result	Rationale
Magnesium	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC because the sample values were not statistically different.
Manganese	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC because the sample values were not statistically different.
Mercury	Mesa Top	Retained	Retained as COPC because detection limits in 11 Laboratory samples exceeded the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as COPC because 8 sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV. Six sample values from NMED/DOE Oversight Bureau samples collected in the drainage channel exceeded the sediment BV.
Nickel	Mesa Top	Retained	Retained as COPC because two sample values exceeded the Qbt 2,3,4 BV and values were greater than the range of background values.
	Drainage	Eliminated	Eliminated as a COPC because the sample values were not statistically different.
Potassium	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC because concentrations were less than the sediment BV.
Selenium	Mesa Top	Retained	Retained as COPC because two sample values and 16 detection limits exceeded the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as COPC because 9 sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV. The detection limits in seven NMED/DOE Oversight Bureau samples collected in the drainage channel exceeded the sediment BV.
Silver	Mesa Top	Retained	Retained as COPC because 16 detection limits exceeded the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as COPC because one sample value from Laboratory samples collected in the drainage channel exceeded the sediment BV. One sample value from NMED/DOE Oversight Bureau samples collected in the drainage channel exceeded the sediment BV.
Sodium	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC because concentrations were less than the sediment BV.
Thallium	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as a COPC because one sample value from Laboratory samples collected in the drainage channel had a detection limit that exceeded the sediment BV. Two sample values from NMED/DOE OB samples collected in the drainage channel exceeded the sediment BV. The detection limits in five NMED/DOE OB samples collected in the drainage channel exceeded the sediment BV.
Uranium	Mesa Top	Not Analyzed	Total uranium was not analyzed for in any of the Laboratory samples collected on the mesa top.
	Drainage	Eliminated	Eliminated as COPC because concentrations were less than the sediment BV.
Vanadium	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Eliminated	Eliminated as a COPC because the sample values were not statistically different from sediment background..
Zinc	Mesa Top	Eliminated	Eliminated as a COPC because concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as a COPC because six sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values. Four sample values from NMED/DOE OB samples collected in the drainage channel exceeded the sediment BV and values were greater than the range of background values.

The frequency of detection and the reported range of concentrations for the detected radionuclides at SWMU 0-030(g) are summarized in Tables 2.3-13, 2.3-14, and 2.3-15. The tables include data for only detected radionuclides; radionuclides that were not detected are provided in Appendix D, section D-2.0. The first table includes all the data from samples collected by the Laboratory over a period of several years (1993, 1994, 1996, 1998, and 1999) from the total area encompassing the SWMU. The second table presents data from samples collected by NMED/DOE OB from the drainage channel in 1999. The third table presents the data collected by the Laboratory for the RFI (seven samples) and by NMED/DOE OB (one sample) from the stream channel that traverses the bottom of Acid Canyon. These latter samples were collected above and below the point at which the drainage channel from SWMU 0-030(g) terminates in the bottom of the canyon. They were designed to determine if the drainage channel affects the stream channel as well as to define extent of contamination. The NMED/DOE OB samples corresponded to Laboratory sample locations, except for sample OB030g-1.

Table 2.3-13

SWMU 0-030(g), Frequency of Detected Radionuclides in Samples Collected by the Laboratory from the Mesa Top and from the Drainage Channel

Analyte	Location	Media	Number of Samples Analyzed	Number of Detects	Concentration Range (pCi/g)	Background/ Fallout Values (pCi/g)	Frequency of Detects Above BV[a]
Americium-241	Mesa Top	Qbt 3	19	5	[-0.018]–0.1	0.05[b]	1/19
	Drainage	Sediment	18	12	0.15–7.6	0.04	12/18
Plutonium-238	Mesa Top	Qbt 3	19	1	[-0.0037]–0.022	0.05[b]	0/19
	Drainage	Sediment	21	18	[0.025]–0.64	0.006	18/21
Plutonium-239	Mesa Top	Qbt 3	19	7	[-0.0027]–4.56	0.05[b]	7/19
	Drainage	Sediment	21	21	3.3–82.5	0.068	21/21
Radium-226	Mesa Top	Qbt 3	2	1	[1.8]–1.93	1.98	0/2
	Drainage	Sediment	0	—	Not Analyzed	2.59	—
Uranium-234	Mesa Top	Qbt 3	18	18	0.564–3.0	1.98	1/18
	Drainage	Sediment	10	10	0.66–20	2.59	4/10
Uranium-235	Mesa Top	Qbt 3	18	14	0.0261–[3.55]	0.09	0/18
	Drainage	Sediment	10	8	[0.028]–0.83	0.2	3/10
Uranium-238	Mesa Top	Qbt 3	18	18	0.575–2.1	1.93	1/18
	Drainage	Sediment	10	10	0.63–9.9	2.29	4/10

[a] Value is the ratio of the number of detects exceeding the background or fallout value to the number of analyses.

[b] Value is the nominal minimum detectable activity.

Table 2.3-14

SWMU 0-030(g), Frequency of Detected Radionuclides in Sediment Samples Collected by NMED/DOE OB from the Drainage Channel

Analyte	Number of Samples Analyzed	Number of Detects	Concentration Range (pCi/g)	Background/Fallout Values (pCi/g)	Frequency of Detects Above BV[a]
Americium-241	7	0	[0.3 – 1.0]	0.04[b]	0/7
Plutonium-238	7	3	[0.2] – 0.9	0.006	3/7
Plutonium-239	7	7	4.6 – 32.6	0.068	7/7
Plutonium-242	7	0	[0.1 – 1.2]	NA[c]	0/7
Uranium-234	7	7	0.7 – 28.3	2.59	3/7
Uranium-235	7	1	[0.1] – 2.1	0.2	1/7
Uranium-238	7	7	0.7 – 15.7	2.29	3/7

[a] Value is the ratio of the number of detects exceeding the background or fallout value to the number of analyses.

[b] Value is the nominal minimum detectable activity.

[c] NA = Not available.

Table 2.3-15

SWMU 0-030(g), Frequency of Detected Radionuclides in Sediment Samples Collected by the Laboratory and by NMED/DOE OB from the Stream Channel in Acid Canyon

Analyte	Number of Samples Analyzed	Number of Detects	Concentration Range (pCi/g)	Background /Fallout Values (pCi/g)	Frequency of Detects Above BV[a]
Americium-241	8	1	[0.021]–0.051	0.04[b]	1/8
Plutonium-238	8	0	[-0.012–0.2]	0.006	0/8
Plutonium-239	8	3	[0.006]–0.11	0.068	3/8
Plutonium-242	1	0	[0.2]	NA[c]	0/1
Uranium-234	8	8	0.5–1.3	2.59	0/8
Uranium-235	8	1	[0.027]–0.3	0.2	1/8
Uranium-238	8	8	0.38–1.45	2.29	0/8

[a] Value is the ratio of the number of detects exceeding the background or fallout value to the number of analyses.

[b] Value is the nominal minimum detectable activity.

[c] NA = not available

Seven radionuclides were detected in the tuff samples collected from the mesa-top portion of the SWMU. Of these, four radionuclides (americium-241, plutonium-239, uranium-234, and uranium-238) were detected above their background or fallout values in one or more samples of mesa-top tuff (Table 2.3-13). Six radionuclides (americium-241, plutonium-238, plutonium-239, uranium-234, uranium-235, and uranium-238) were detected in the sediment samples collected by the Laboratory in the drainage channel leading into Acid Canyon (Table 2.3-13). Five radionuclides (americium-241, plutonium-239, uranium-234, uranium-235, and uranium-238) were detected in the sediment samples collected by the Laboratory in the stream channel at the bottom of Acid Canyon (Table 2.3-15). Americium-241, plutonium-238, plutonium-

239, uranium-234, uranium-235, and uranium-238 were detected above their sediment background or fallout values in three or more samples in the drainage channel (Table 2.3-13). Americium-241, plutonium-239, and uranium-235 were detected above their sediment background or fallout values in one or more samples in the stream channel (Tables 2.3-13 and 2.3-15). In addition, five radionuclides (plutonium-238, plutonium-239, uranium-234, uranium-235, and uranium-238) were detected in the sediment samples collected by the NMED/DOE OB in the drainage channel leading into Acid Canyon (Table 2.3-14), but none were detected in the stream channel sample (Table 2.3-15). All five radionuclides detected in the drainage channel were detected above their sediment background or fallout values in one or more samples (Table 2.3-14). The samples in which radionuclides were detected at or above BVs/fallout concentrations are presented in Figures 2.3-12 and 2.3-13.

The radionuclides that were not detected in both the Laboratory and NMED/DOE OB samples were not evaluated further. Those radionuclides that had detected values greater than their background or fallout values were compared to the distributions of the background data set, if available, for each radionuclide. The RFI sample data sets include enough samples to conduct statistical comparisons with the sediment and tuff background data sets, if appropriate. The statistical comparisons employed the Wilcoxon Rank Sum/Gehan, Quantile, and Slippage Tests. Appendix E, Tables E-1.0-3 and E-1.0-4, present the p-values for each statistical test and inorganic chemical subjected to these comparisons.

The comparison of the detected concentrations of americium-241 and plutonium-239 in the mesa-top samples to the Qbt 2,3,4 fallout values found that the site data were elevated and no statistical comparisons were necessary. However, the statistical comparisons of the uranium-234 and uranium-238 mesa-top data sets with the Qbt 2,3,4 data sets found that these two radionuclides were not different from background ($P>0.05$) (Appendix E, Table E-1.0-3). The box plots also show that the uranium-234 and uranium-238 distributions from the mesa top were similar to the background distributions for tuff (Appendix E). The comparisons of the detected concentrations of americium-241, plutonium-238, plutonium-239, uranium-234, uranium-235, and uranium-238 in the sediment samples with sediment background or fallout values indicated these levels were different from background/fallout values and no statistical comparisons were necessary (Ryti and Longmire 1998, 59730).

Radionuclides with concentrations greater than their sediment and/or tuff background or fallout values are presented, by sample, in Tables 2.3-16, 2.3-17, and 2.3-18. Based on these comparisons, americium-241 and plutonium-239 in the mesa-top samples, and americium-241, plutonium-238, plutonium-239, uranium-234, uranium-235, and uranium-238 in the sediment samples, were identified as COPCs in the drainage channel leading into Acid Canyon (Table 2.3-19). Americium-241, plutonium-239, and uranium-235 were also detected above the sediment BVs along the stream channel at the bottom of Acid Canyon. As stated above, these stream channel samples were collected to provide data with which to determine if the SWMU 0-030(g) drainage channel is affecting the stream channel. The sample results will be discussed with respect to extent in section 2.3.5.1 of this report. These data, along with additional samples collected from Acid Canyon by the Canyon Focus Area, will be fully presented and discussed in the evaluation of sediment and surface water in Acid Canyon.

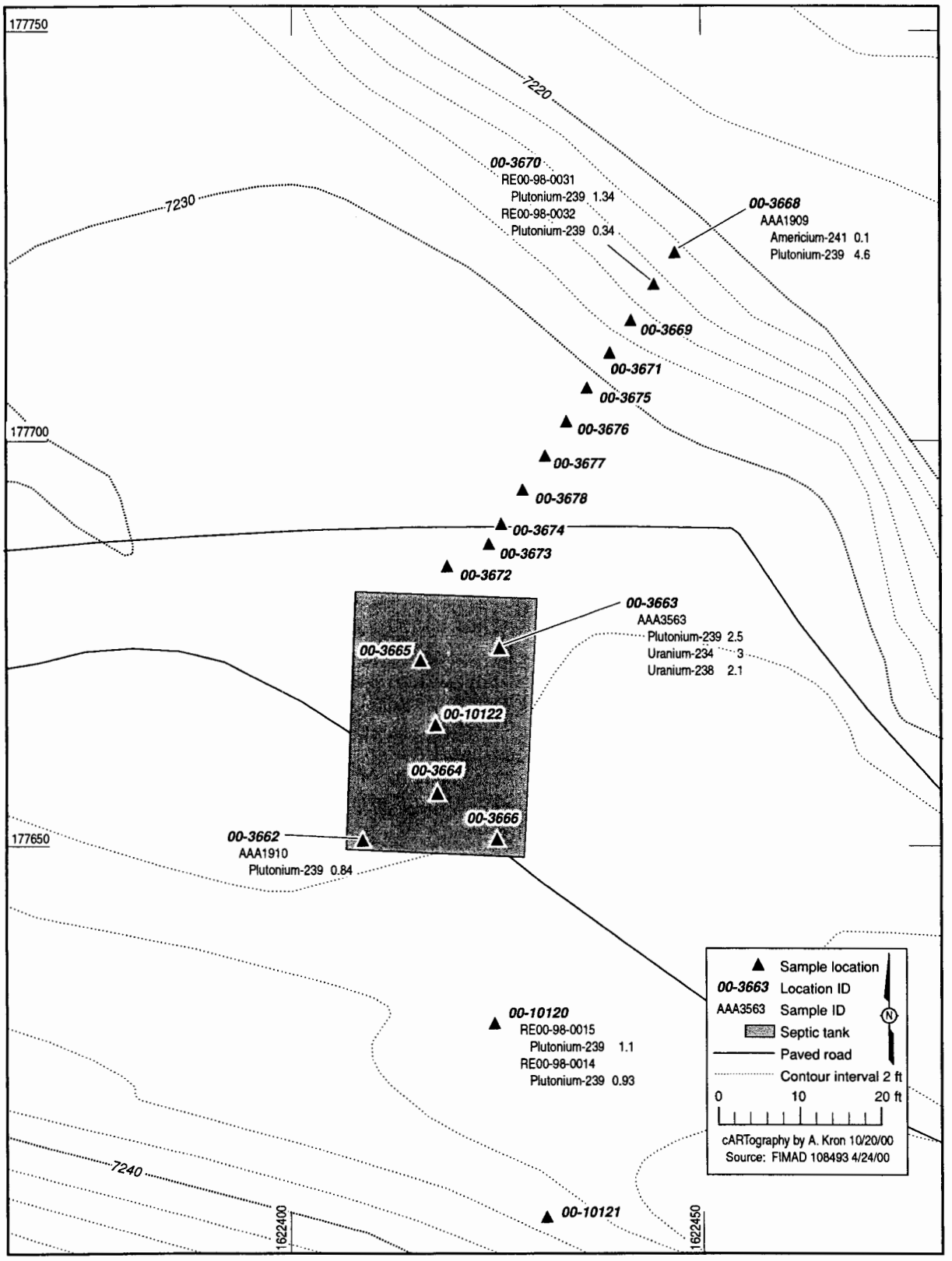

Figure 2.3-12. Locations with radionuclides (pCi/g) at or above background values/fallout concentrations for the mesa top at SWMU 0-030(g)

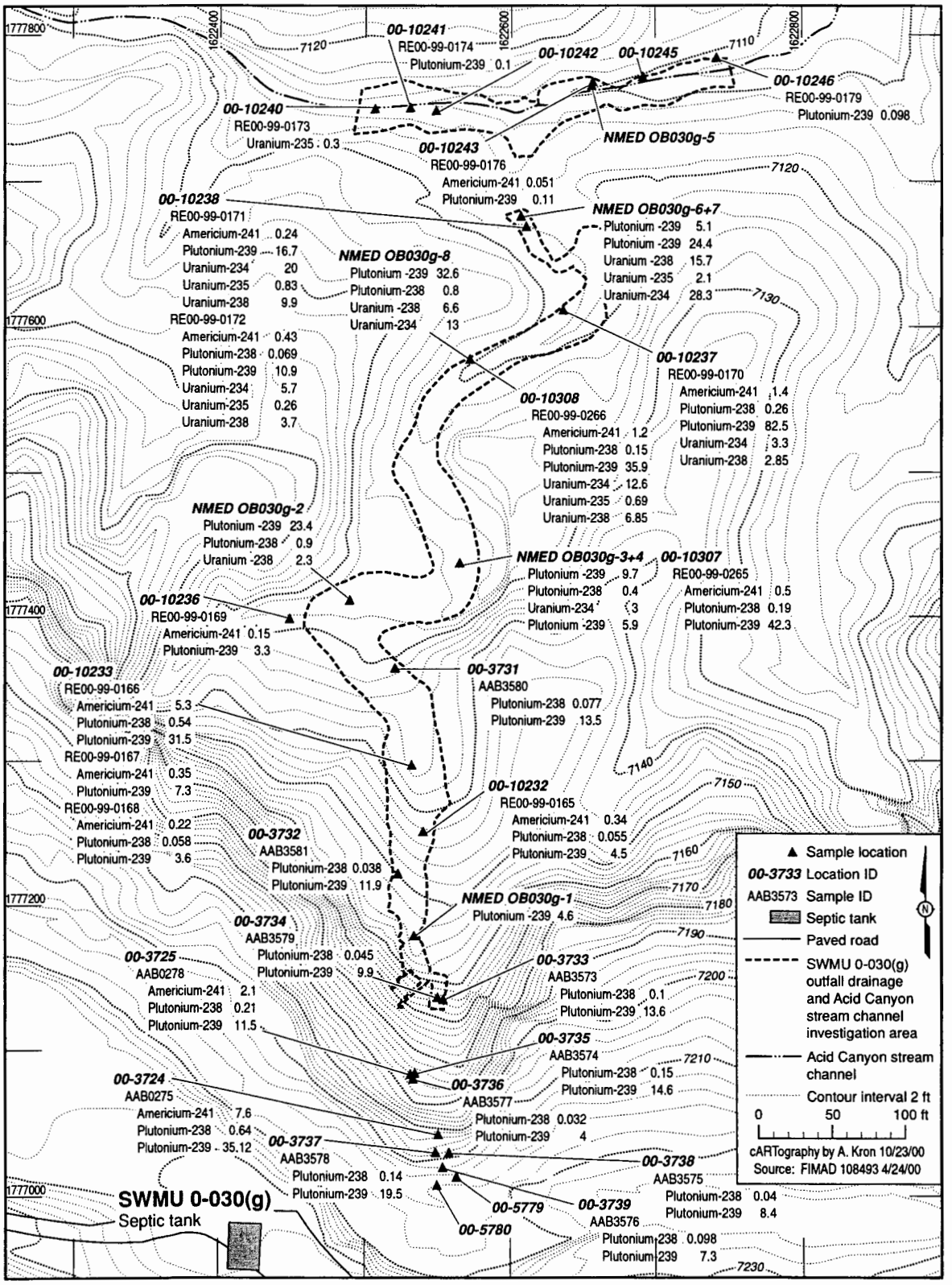

Figure 2.3-13. Locations with radionuclides (pCi/g) at or above background values/fallout concentrations for the drainage and stream channels at SWMU 0-030(g)

(c) Evaluation of Organic Chemicals

The results of the organic chemical analyses of the different media sampled at SWMU 0-030(g) are presented in this section. The organic chemical suites for which the samples were analyzed included SVOCs, VOCs, PCBs, and pesticides. Table 2.3-1 summarizes the suites for which each sample was analyzed. A complete list of analytes for the suites is presented in Appendix D, section D-1.0. Appendix D, section D-2.0, contains an abridged version of the data set for the investigation. A complete data set has been submitted to NMED in electronic format.

A QA/QC assessment of the data associated with the organic chemical analyses was conducted. Sixteen VOCs in two 1994 samples were qualified as UJ because the internal standard area counts associated with the analyses were low. Four SVOCs in two 1998 samples, one SVOC in one 1998 sample, and endosulfan I in ten 1998 samples were qualified as estimated undetected (UJ-) because the recoveries were below the laboratory-specific limits. All pesticide/PCB analytes in one 1998 sample, all VOC analytes in two 1998 samples, two pesticides in two 1999 samples, and pesticides in another 1999 sample were qualified as either UJ- or estimated (J-) because the surrogate recoveries associated with the analyses were below the specified ranges. The PCB data in one sample were qualified as J because no surrogates were reported for the analyses. All pesticide/PCB analytes in two 1998 samples were qualified as UJ because the retention time criteria was not met for the surrogates. Several pesticides (gamma-chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan II, and endrin aldehyde) in one or two 1994 samples, acetone in one 1994 sample, and aroclor-1260 in one 1999 sample were qualified as J because the reported sample results were less than the practical quantitation limit, but above the method detection limit. The remaining organic chemical data did not have any QA/QC issues associated with the analyses.

The estimated quantitation limits (EQLs) were acceptable for all samples and analytes for this SWMU. The appropriate EQLs are provided in the ER Project analytical statement of work (SOW) (LANL 1995, 49738) and presented in Appendix D, section D-1.0. All of the organic chemical data are usable and considered adequate to determine whether a release had occurred from the SWMU. The analytical methods used can be found in Appendix C, along with a more detailed discussion of the data quality assessment.

The data qualified as UJ, UJ-, J-, J, and J+ are estimated values because the associated QC data did not meet specifications. The qualification of the data in this manner indicates uncertainty in the reported concentration, but not in the identity of the analytes. "Risk Assessment Guidance for Superfund—Human Health Evaluation Manual, (Part A)" (EPA 1989, 08021) and "EPA Guidance for Data Usability in Risk Assessment (Part A)" (EPA 1992, 54947) state that these data can and should be used in a risk assessment just as data with no qualification.

Table 2.3-16

SWMU 0-030(g), Radionuclides with Concentrations At or Exceeding Background/Fallout Values in Samples Collected by the Laboratory from the Mesa Top and Drainage Channel[a]

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background/ Fallout Values (pCi/g)	Media	Depth (in.)
Americium-241	00-3668	AAA1909	0.1	0.05	QBT3	36–96

Table 2.3-16 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background/ Fallout Values (pCi/g)	Media	Depth (in.)
Americium-241	00-3724	AAB0275	7.6	0.04	Sediment	0–1
	00-3725	AAB0278	2.1			0–1
	00-10232	RE00-99-0165	0.34			11.4–16.1
	00-10233	RE00-99-0166	5.3			0–4.7
	00-10233	RE00-99-0167	0.35			17.7–22.8
	00-10233	RE00-99-0168	0.22			22.8–31.1
	00-10236	RE00-99-0169	0.15			0–3.5
	00-10307	RE00-99-0265	0.5			7.9–15.7
	00-10308	RE00-99-0266	1.2			5.9–9.8
	00-10237	RE00-99-0170	1.4			0–4.7
	00-10238	RE00-99-0171	0.24			0–6.3
	00-10238	RE00-99-0172	0.43			6.3–11.8
Plutonium-238	00-3739	AAB3576	0.098	0.006	Sediment	0–0.5
	00-3738	AAB3575	0.04			4–5
	00-3737	AAB3578	0.14			4–5
	00-3724	AAB0275	0.64			0–1
	00-3736	AAB3577	0.032			4–5
	00-3725	AAB0278	0.21			0–1
	00-3735	AAB3574	0.15			4–5
	00-3734	AAB3579	0.045			0–2
	00-3733	AAB3573	0.1			2–6
	00-3732	AAB3581	0.038			6–7
	00-10232	RE00-99-0165	0.055			11.4–16.1
	00-10233	RE00-99-0166	0.54			0–4.7
	00-10233	RE00-99-0168	0.058			22.8–31.1
	00-3731	AAB3580	0.077			5–6
	00-10307	RE00-99-0265	0.19			7.9–15.7
	00-10308	RE00-99-0266	0.15			5.9–9.8
	00-10237	RE00-99-0170	0.26			0–4.7
	00-10238	RE00-99-0172	0.069			6.3–11.8
Plutonium-239	00-3668	AAA1909	4.6	0.05	QBT3	36–96
	00-3662	AAA1910	0.84			108–114
	00-3663	AAA3563	2.5			108–114
	00-10120	RE00-98-0015	1.1			42–48
	00-10120	RE00-98-0014	0.93			60–66
	00-3670	RE00-98-0031	1.34			24–36
	00-3670	RE00-98-0032	0.34			72–84

Table 2.3-16 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background/ Fallout Values (pCi/g)	Media	Depth (in.)
Plutonium-239	00-3739	AAB3576	7.3	0.068	Sediment	0–0.5
	00-3738	AAB3575	8.4			4–5
	00-3737	AAB3578	19.5			3–4
	00-3724	AAB0275	35.1			0–1
Plutonium-239	00-3736	AAB3577	4.0	0.068	Sediment	4–5
	00-3725	AAB0278	11.5			0–1
	00-3735	AAB3574	14.6			4–5
	00-3734	AAB3579	9.9			0–2
	00-3733	AAB3573	13.6			2–6
	00-3732	AAB3581	11.9			6–7
	00-10232	RE00-99-0165	4.5			11.4–16.1
	00-10233	RE00-99-0166	31.5			0–4.7
	00-10233	RE00-99-0167	7.3			17.7–22.8
	00-10233	RE00-99-0168	3.6			22.8–31.1
	00-3731	AAB3580	13.5			5–6
	00-10236	RE00-99-0169	3.3			0–3.5
	00-10307	RE00-99-0265	42.3			7.9–15.7
	00-10308	RE00-99-0266	35.9			5.9–9.8
	00-10237	RE00-99-0170	82.5			0–4.7
	00-10238	RE00-99-0171	16.7			0–6.3
Plutonium-239	00-10238	RE00-99-0172	10.9	0.068	Sediment	6.3–11.8
Uranium-234	00-10308	RE00-99-0266	12.6	2.59	Sediment	5.9–9.8
	00-10237	RE00-99-0170	3.3			0–4.7
	00-10238	RE00-99-0171	20			0–6.3
	00-10238	RE00-99-0172	5.7			6.3–11.8
Uranium-235	00-10308	RE00-99-0266	0.69	0.2	Sediment	5.9–9.8
	00-10238	RE00-99-0171	0.83			0–6.3
	00-10238	RE00-99-0172	0.26			6.3–11.8
Uranium-238	00-10308	RE00-99-0266	6.85	2.29	Sediment	5.9–9.8
	00-10237	RE00-99-0170	2.85			0–4.7
	00-10238	RE00-99-0171	9.9			0–6.3
	00-10238	RE00-99-0172	3.7			6.3-11.8

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C, Table C-1.0-1; detection limits can be found in Appendix D, Table D-1.0-1.

Table 2.3-17

SWMU 0-030(g), Radionuclides with Concentrations At or Exceeding Background/Fallout Values in Sediment Samples Collected by NMED/DOE OB from the Drainage Channel[a]

Analyte	Sample ID	Sample Concentration (pCi/g)	Background/Fallout Values (pCi/g)	Depth (in.)
Plutonium-238	OB030g-2[b]	0.9	0.006	0–2.4
	OB030g-3[c]	0.4		0–2.8
	OB030g-8[d]	0.8		2–7.9
Plutonium -239	OB030g-1	4.6	0.068	0–3.9
	OB030g-2	23.4		0–2.4
	OB030g-3	9.7		0–2.8
	OB030g-4[c]	5.9		4.7–12.2
	OB030g-8	32.6		2–7.9
	OB030g-6[e]	5.1		0–7.9
	OB030g-7[e]	24.4		7.9–15.7
Uranium-234	OB030g-3	3	2.59	0–2.8
	OB030g-8	13		2–7.9
	OB030g-7	28.3		7.9–15.7
Uranium -235	OB030g-7	2.1	0.2	7.9–15.7
Uranium -238	OB030g-2	2.3	2.29	0–2.4
	OB030g-8	6.6		2–7.9
	OB030g-7	15.7		7.9–15.7

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C, Table C-1.0-1; detection limits can be found in Appendix D, Table D-1.0-1.

[b] Sample was collected at, or near, Laboratory sample location 00-10236.

[c] Samples were collected at, or near, Laboratory sample location 00-10307.

[d] Sample was collected at, or near, Laboratory sample location 00-10308.

[e] Samples were collected at, or near, Laboratory sample location 00-10238.

Table 2.3-18

SWMU 0-030(g), Radionuclides with Concentrations At or Exceeding Background/Fallout Values in Sediment Samples Collected from the Acid Canyon Stream Channel by the Laboratory and NMED/DOE OB[a]

Analyte	Location ID	Sample ID	Sample Concentration (pCi/g)	Background/ Fallout Values (pCi/g)	Depth (in.)
Americium-241	00-10243[b]	RE00-99-0176	0.051	0.04	0–7.9
Plutonium-239	00-10241	RE00-99-0174	0.1	0.068	0–5.5
	00-10243[b]	RE00-99-0176	0.11		0–7.9
	00-10246[b]	RE00-99-0179	0.098		0–15.7
Uranium-235	00-10240	RE00-99-0173	0.3	0.2	0–18.5

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C, Table C-1.0-1; detection limits can be found in Appendix D, Table D-1.0-1

[b] Sample was collected from the Acid Canyon stream channel below the confluence of the drainage channel from SWMU 0-030(g).

Table 2.3-19

SWMU 0-030(g), Results of Radionuclide Data Review

Analyte	Location	Result	Rationale
Americium-241	Mesa Top	Retained	Retained as a COPC because one sample value from a Laboratory sample exceeded the Qbt 2,3,4 fallout value.
	Drainage	Retained	Retained as a COPC because 12 sample values from Laboratory samples collected in the drainage channel exceeded the sediment fallout value.
Plutonium-238	Mesa Top	Eliminated	Eliminated as a COPC because detected concentrations were less than the Qbt 2,3,4 fallout value.
	Drainage	Retained	Retained as a COPC because 18 sample values from Laboratory samples collected in the drainage channel exceeded the sediment fallout value. Three sample values from NMED/DOE OB samples collected in the drainage channel exceeded the sediment fallout value.
Plutonium-239	Mesa Top	Retained	Retained as a COPC because seven sample values from Laboratory samples exceeded the Qbt 2,3,4 fallout value.
	Drainage	Retained	Retained as a COPC because 21 sample values from Laboratory samples collected in the drainage channel exceeded the sediment fallout value. Seven sample values from NMED/DOE OB samples collected in the drainage channel exceeded the sediment fallout value.
Radium-226	Mesa Top	Eliminated	Eliminated as a COPC because detected concentrations were less than the Qbt 2,3,4 fallout value.
	Drainage	Not Analyzed	Radium-226 was not analyzed for in any of the Laboratory or NMED/DOE OB sediment samples.

Table 2.3-19 (continued)

Analyte	Location	Result	Rationale
Uranium-234	Mesa Top	Eliminated	Eliminated as a COPC because the sample values were not statistically different from the Qbt 2,3,4 background..
	Drainage	Retained	Retained as a COPC because four sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV. Three sample values from NMED/DOE OB samples collected in the drainage channel exceeded the sediment BV.
Uranium-235	Mesa Top	Eliminated	Eliminated as a COPC because detected concentrations were less than the Qbt 2,3,4 BV.
	Drainage	Retained	Retained as COPC because three sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV. One sample value from NMED/DOE OB samples collected in the drainage channel exceeded the sediment BV.
Uranium-238	Mesa Top	Eliminated	Eliminated as a COPC because the sample values were not statistically different from the Qbt 2,3,4 background..
	Drainage	Retained	Retained as a COPC because four sample values from Laboratory samples collected in the drainage channel exceeded the sediment BV. Three sample values from NMED/DOE OB samples collected in the drainage channel exceeded the sediment BV.

The frequency of detected organic chemicals at this SWMU is presented in Tables 2.3-20, 2.3-21, and 2.3-22. (The complete organic chemical data set, including analytes that were not detected, is provided in Appendix D.) The first table includes all the data from samples collected by the Laboratory over a period of several years (1993, 1994, 1996, 1998, and 1999) from the area encompassing the SWMU, including the mesa top and drainage channel. The second table presents data from samples collected by NMED/DOE OB from the drainage channel in 1999. The third table presents the data collected by the Laboratory for the RFI (seven samples) and by NMED/DOE OB (one sample) from the Acid Canyon stream channel. The NMED/DOE OB samples corresponded to Laboratory sample locations, except for sample OB030g-1. These latter samples were collected above and below the point at which the drainage channel from SWMU 0-030(g) terminates in the bottom of the canyon and were designed to determine if the channel affects the Acid Canyon stream channel as well as to help define extent of contamination.

Acetone was reported in one sample collected at SWMU 0-030(g). Although this chemical is a common laboratory contaminant, it was not detected in the associated method blank for this sample and is reported as a detect (see Appendix C). One pesticide, 4,4'-DDT, was the only organic chemical detected in Laboratory tuff samples from the mesa top (Table 2.3-20). Two PCBs (aroclor-1254 and aroclor-1260) and 11 pesticides (alpha-chlordane, gamma-chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan I, endosulfan II, endrin aldehyde, endrin ketone, and toxaphene) were detected in one or more Laboratory drainage channel sediment samples (Table 2.3-20). One pesticide, 4,4'-DDT, was detected in NMED/DOE OB drainage channel sediment samples (Table 2.3-21). Aroclor-1260, alpha-chlordane, gamma-chlordane, 4,4'-DDT, and endrin ketone were also detected in one or more sediment samples from the stream channel (Table 2.3-22). The organic chemicals that were not detected in any samples were not evaluated further.

Organic chemicals detected in the sediment and/or tuff are presented in Tables 2.3-23, 2.3-24, and 2.3-25. Based on the evaluation, 4,4'-DDT was identified as a COPC on the mesa top and acetone, aroclor-1254, aroclor-1260, alpha-chlordane, gamma-chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan I, endosulfan II, endrin aldehyde, endrin ketone, and toxaphene were identified as COPCs in

the drainage channel (Table 2.3-26). Aroclor-1260, alpha-chlordane, gamma-chlordane, 4,4'-DDT, and endrin ketone were also detected in the stream channel at the bottom of Acid Canyon. As stated above, these stream channel samples provide data with which to determine if the SWMU 0-030(g) drainage channel affects the stream channel. These results will be discussed with respect to extent in section 2.3.5.1. These data, along with additional samples collected from the stream channel in Acid Canyon by the Canyon Focus Area, will be fully presented and discussed in the evaluation of sediment and surface water in Acid Canyon. Organic chemicals detected at SWMU 0-030(g) are presented in Figures 2.3-14 and 2.3-15.

Table 2.3-20

SWMU 0-030(g), Frequency of Detected Organic Chemicals in Samples Collected by the Laboratory from the Mesa Top and Drainage Channel

Analyte	Location	Media	Number of Samples Analyzed	Number of Detects	Concentration Range (mg/kg)[a]	EQL[b] (mg/kg)	Frequency of Detects[c]
Acetone	Mesa Top	Qbt 3	16	0	[0.02–0.023]	0.02–0.023	0/16
	Drainage	Sediment	2	1	[0.02]–0.022	0.02	1/2
Aroclor-1254	Mesa Top	Qbt 3	19	0	[0.003–1.0]	0.003–1.0	0/19
	Drainage	Sediment	23	14	[0.036]–1.1	0.036–0.19	14/23
Aroclor-1260	Mesa Top	Qbt 3	19	0	[0.003–1.0]	0.003–1.0	0/19
	Drainage	Sediment	23	2	[0.014]–0.71	0.014–0.19	2/23
Chlordane [alpha-]	Mesa Top	Qbt 3	16	0	[0.0017–0.0019]	0.0017–0.0019	0/16
	Drainage	Sediment	12	8	[0.002]–0.044	0.002–0.024	8/12
Chlordane [gamma-]	Mesa Top	Qbt 3	16	0	[0.0017–0.0019]	0.0017–0.0019	0/16
	Drainage	Sediment	12	7	[0.002]–0.036	0.002–0.024	7/12
4,4'-DDD	Mesa Top	Qbt 3	19	0	[0.00032–0.004]	0.00032–0.004	0/19
	Drainage	Sediment	12	4	[0.0036]–0.11	0.0036–0.038	4/12
4,4'-DDE	Mesa Top	Qbt 3	19	0	[0.00032–0.004]	0.00032–0.004	0/19
	Drainage	Sediment	12	5	[0.0037]–0.048	0.0035–0.038	5/12
4,4'-DDT	Mesa Top	Qbt 3	19	2	[0.00032]–0.044	0.00032–0.004	2/19
	Drainage	Sediment	12	12	[0.0057]–0.27	0.0035–0.0036	12/12
Dieldrin	Mesa Top	Qbt 3	19	0	[0.00032–0.0038]	0.00032–0.0038	0/19
	Drainage	Sediment	12	2	[0.0036]–0.044	0.0036–0.048	2/12
Endosulfan I	Mesa Top	Qbt 3	16	0	[0.0017–0.0019]	0.0017–0.0019	0/16
	Drainage	Sediment	12	1	[0.0018–0.024]	0.0018–0.024	1/12

Table 2.3-20 (continued)

Analyte	Location	Media	Number of Samples Analyzed	Number of Detects	Concentration Range (mg/kg)[a]	EQL[b] (mg/kg)	Frequency of Detects[c]
Endosulfan II	Mesa Top	Qbt 3	19	0	[0.0003–0.0038]	0.0003–0.0038	0/19
	Drainage	Sediment	12	2	[0.0036–0.048]	0.0036–0.048	2/12
Endrin Aldehyde	Mesa Top	Qbt 3	19	0	[0.0003–0.0038]	0.0003–0.0038	0/19
	Drainage	Sediment	12	1	[0.0036–0.048]	0.0036–0.048	1/12
Endrin Ketone	Mesa Top	Qbt 3	16	0	[0.0034–0.0038]	0.0034–0.0038	0/16
	Drainage	Sediment	12	2	[0.0037–0.048]	0.0037–0.048	2/12
Toxaphene	Mesa Top	Qbt 3	18	0	[0.091–0.19]	0.091–0.19	0/18
	Drainage	Sediment	12	1	[0.18–2.4]	0.18–2.4	1/12

[a] Values in square brackets represent detection limits reported by the laboratory. The results were reported as not detected.

[b] EQL= Estimated quantitation limit.

[c] Value is the ratio of the number of detects to the number of analyses.

Table 2.3-21

SWMU 0-030(g), Frequency of Detected Organic Chemicals Collected by NMED/DOE OB from the Drainage Channel

Analyte	Location	Media	Number of Samples Analyzed	Number of Detects	Concentration Range (mg/kg)	EQL[a] (mg/kg)	Frequency of Detects[b]
4,4'-DDT	Drainage	Sediment	7	4	0.004–0.018	0.004	4/7

[a] EQL= Estimated quantitation limit.

[b] Value is the ratio of the number of detects to the number of analyses.

Table 2.3-22

SWMU 0-030(g), Frequency of Detected Organic Chemicals in Sediment Samples Collected by the Laboratory and NMED/DOE OB from the Stream Channel in Acid Canyon

Analyte	Number of Samples Analyzed	Number of Detects	Concentration Range (mg/kg)	EQL[a] (mg/kg)	Frequency of Detects[b]
Arcolor-1260	8	5	0.035–0.13	0.038–0.039	5/8
Chlordane[alpha-]	8	3	[0.0018–0.019]	0.0018–0.019	3/8
Chlordane[gamma-]	8	2	[0.0018–0.019]	0.0018–0.019	2/8
4,4'-DDT	8	6	[0.0035]–0.061	0.0035–0.0036	6/8
Endrin ketone	8	2	[0.0035–0.038]	0.0035–0.0036	2/8

[a] EQL= Estimated quantitation limit.

[b] Value is the ratio of the number of detects to the number of analyses.

Table 2.3-23

SWMU 0-030(g), Detected Organic Chemicals in Samples Collected by the Laboratory from the Mesa Top and the Drainage Channel[a]

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)b	Media	Depth (in.)
Acetone	00-3725	AAB0278	0.022(J)	Sediment	0–1
Aroclor-1254	00-5780	0100-96-2110	0.83	Sediment	3–5
	00-5779	0100-96-2109	0.083		3–5
	00-3737	0100-96-2111	0.78		3–5
	00-3724	AAB0275	1.07		0–1
	00-3724	0100-96-2105	0.26		3–5
	00-3736	0100-96-2107	0.094		3–5
	00-3725	AAB0278	0.3		0–1
	00-3725	0100-96-2108	0.49		3–5
	00-3735	0100-96-2106	0.61		3–5
	00-3734	0100-96-2103	0.42		3–5
	00-3733	0100-96-2104	0.66		3–5
	00-3732	0100-96-2102	0.084		3–5
	00-10233	RE00-99-0166	0.4		0–4.7
	00-3731	0100-96-2101	0.52		3–5
Aroclor-1260	00-3724	AAB0275	0.71	Sediment	0–1
	00-10238	RE00-99-0171	0.023(J)		0–6.3
Chlordane[alpha-]	00-3724	AAB0275	0.027	Sediment	0–1
	00-3725	AAB0278	0.009		0–1
	00-10232	RE00-99-0267	0.0028(J-)		11.4–16.1
	00-10233	RE00-99-0269	0.044		17.7–22.8
	00-10233	RE00-99-0271	0.0037		22.8–31.1
	00-10308	RE00-99-0266	0.023		5.9–9.8
	00-10237	RE00-99-0272	0.0036		0–4.7
	00-10238	RE00-99-0274	0.0067		6.3–11.8
Chlordane[gamma-]	00-3724	AAB0275	0.012(J)	Sediment	0–1
	00-3725	AAB0278	0.002(J)		0–1
	00-10233	RE00-99-0269	0.036		17.7–22.8
	00-10233	RE00-99-0271	0.0027		22.8–31.1
	00-10308	RE00-99-0266	0.017		5.9–9.8
	00-10237	RE00-99-0272	0.0028		0–4.7
	00-10238	RE00-99-0274	0.0051		6.3–11.8
DDD[4,4'-]	00-3724	AAB0275	0.011(J)	Sediment	0–1
	00-3725	AAB0278	0.004(J)		0–1
	00-10238	RE00-99-0273	0.11		0–6.3
	00-10238	RE00-99-0274	0.025		6.3–11.8

Table 2.3-23 (continued)

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)b	Media	Depth (in.)
DDE[4,4'-]	00-3725	AAB0278	0.006(J)	Sediment	0–1
	00-10307	RE00-99-0265	0.005		7.9–15.7
	00-10308	RE00-99-0266	0.023		5.9–9.8
	00-10237	RE00-99-0272	0.013		0–4.7
	00-10238	RE00-99-0274	0.019		6.3–11.8
DDT[4,4'-]	00-3662	AAA1910	0.044	QBT3	108–114
	00-3663	AAA3563	0.017		108–114
DDT[4,4'-]	00-3724	AAB0275	0.039(J)	Sediment	0–1
	00-3725	AAB0278	0.02(J)		0–1
	00-10232	RE00-99-0267	0.0057(J-)		11.4–16.1
	00-10233	RE00-99-0268	0.026		0–4.7
	00-10233	RE00-99-0269	0.043		17.7–22.8
	00-10233	RE00-99-0271	0.0079		22.8–31.3
	00-10236	RE00-99-0270	0.11		0–3.5
	00-10307	RE00-99-0265	0.0068		7.9–15.7
	00-10308	RE00-99-0266	0.087		5.9–9.8
	00-10237	RE00-99-0272	0.035		0–4.7
	00-10238	RE00-99-0273	0.27		0–6.3
	00-10238	RE00-99-0274	0.079		6.3–11.8
Dieldrin	00-3724	AAB0275	0.044(J)	Sediment	0–1
	00-3725	AAB0278	0.008(J)		0–1
Endosulfan I	00-10238	RE00-99-0274	0.015	Sediment	6.3–11.8
Endosulfan II	00-3724	AAB0275	0.021(J)	Sediment	0–1
	00-3725	AAB0278	0.006(J)		0–1
Endrin aldehyde	00-3724	AAB0275	0.009(J)	Sediment	0–1
Endrin ketone	00-10233	RE00-99-0269	0.033	Sediment	17.7–22.8
	00-10237	RE00-99-0272	0.007		0–4.7
Toxaphene	00-10233	RE00-99-0269	1.5	Sediment	17.7–22.8

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C, Table C-1.0-1; detection limits can be found in Appendix D, Table D-1.0-1

[b] Data qualifiers are defined in the glossary in Appendix A—see LANL Data Validation Qualifiers.

Table 2.3-24

SWMU 0-030(g), Detected Organic Chemicals in Sediment Samples Collected by NMED/DOE OB from the Drainage Channel[a]

Analyte	Sample ID	Sample Concentration (mg/kg)	Depth (in.)
4,4'-DDT	OB030g-2	0.014	0–2.4
	OB030g-3[b]	0.0091	0–2.8
	OB030g-8[c]	0.013	2–7.9
	OB030g-7[d]	0.018	7.9–15.7

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C, Table C-1.0-1; detection limits can be found in Appendix D, Table D-1.0-1.
[b] Sample collected at, or near, Laboratory sample location 00-10307.
[c] Sample collected at, or near, Laboratory sample location 00-10308.
[d] Sample collected at, or near, Laboratory sample location 00-10238.

Table 2.3-25

SWMU 0-030(g), Detected Organic Chemicals in Sediment Samples Collected from the Stream Channel in Acid Canyon by the Laboratory and NMED/DOE OB[a]

Analyte	Location ID	Sample ID	Sample Concentration (mg/kg)b	Depth (in.)
Aroclor-1260	00-10240	RE00-99-0173	0.035(J)	0–18.5
	00-10241	RE00-99-0174	0.13	0–5.5
	00-10243[c]	RE00-99-0176	0.069	0–7.9
	00-10243	RE00-99-0177	0.07	0–7.9
	00-10246[c]	RE00-99-0179	0.039(J)	0–15.7
Chlordane (alpha-)	00-10240	RE00-99-0275	0.0075	0–18.5
	00-10243	RE00-99-0279	0.011	0–7.9
	00-10246	RE00-99-0281	0.012	0–15.7
Chlordane (gamma-)	00-10240	RE00-99-0275	0.0072	0–18.5
	00-10246	RE00-99-0281	0.011	0–15.7
4,4'-DDT	00-10240	RE00-99-0275	0.015	0–18.5
	00-10241	RE00-99-0276	0.061	0–5.5
	00-10243	RE00-99-0277	0.034	0–7.9
	00-10243	RE00-99-0279	0.043	0–7.9
	NA[d]	OB030g-5[c,e]	0.026	7.9–15.7
	00-10246	RE00-99-0281	0.026	0–15.7
Endrin ketone	00-10240	RE00-99-0275	0.009	0–18.5
	00-10246	RE00-99-0281	0.012	0–15.7

[a] Descriptions of the analytical methods used for this SWMU can be found in Appendix C, Table C-1.0-1; detection limits can be found in Appendix D, Table D-1.0-1.
[b] Data qualifiers are defined in the glossary in Appendix A.
[c] Sample was collected from the stream channel at the bottom of Acid Canyon below the confluence of the drainage channel from SWMU 0-030(g).
[d] NA = Not available.
[e] Sample was collected at, or near, Laboratory sample location 00-10243.

Table 2.3-26
SWMU 0-030(g), Results of Organic Chemical Data Review

Analyte	Location	Result	Rationale
Acetone	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in one sediment sample collected by the Laboratory in the drainage.
Aroclor-1254	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in 14 sediment samples collected by the Laboratory in the drainage.
Aroclor-1260	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in two sediment samples collected by the Laboratory in the drainage.
Chlordane[alpha-]	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in 8 sediment samples collected by the Laboratory in the drainage.
Chlordane[gamma-]	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in 7 sediment samples collected by the Laboratory in the drainage.
DDD[4,4'-]	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in four sediment samples collected by the Laboratory in the drainage.
DDE[4,4'-]	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in five sediment samples collected by the Laboratory in the drainage.
DDT[4,4'-]	Mesa Top	Retained	Detected in two Laboratory tuff samples on the mesa top.
	Drainage	Retained	Retained as a COPC because it was detected in 12 sediment samples collected by the Laboratory and in four NMED/DOE Oversight Bureau sediment samples collected in the drainage.
Dieldrin	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in two sediment samples collected by the Laboratory in the drainage
Endosulfan I	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in one sediment sample collected by the Laboratory in the drainage.
Endosulfan II	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in two sediment samples collected by the Laboratory in the drainage.
Endrin aldehyde	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in one sediment sample collected by the Laboratory in the drainage.
Endrin ketone	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in two sediment samples collected by the Laboratory in the drainage.
Toxaphene	Mesa Top	Eliminated	Not detected in the tuff samples.
	Drainage	Retained	Retained as a COPC because it was detected in one sediment sample collected by the Laboratory in the drainage channel.

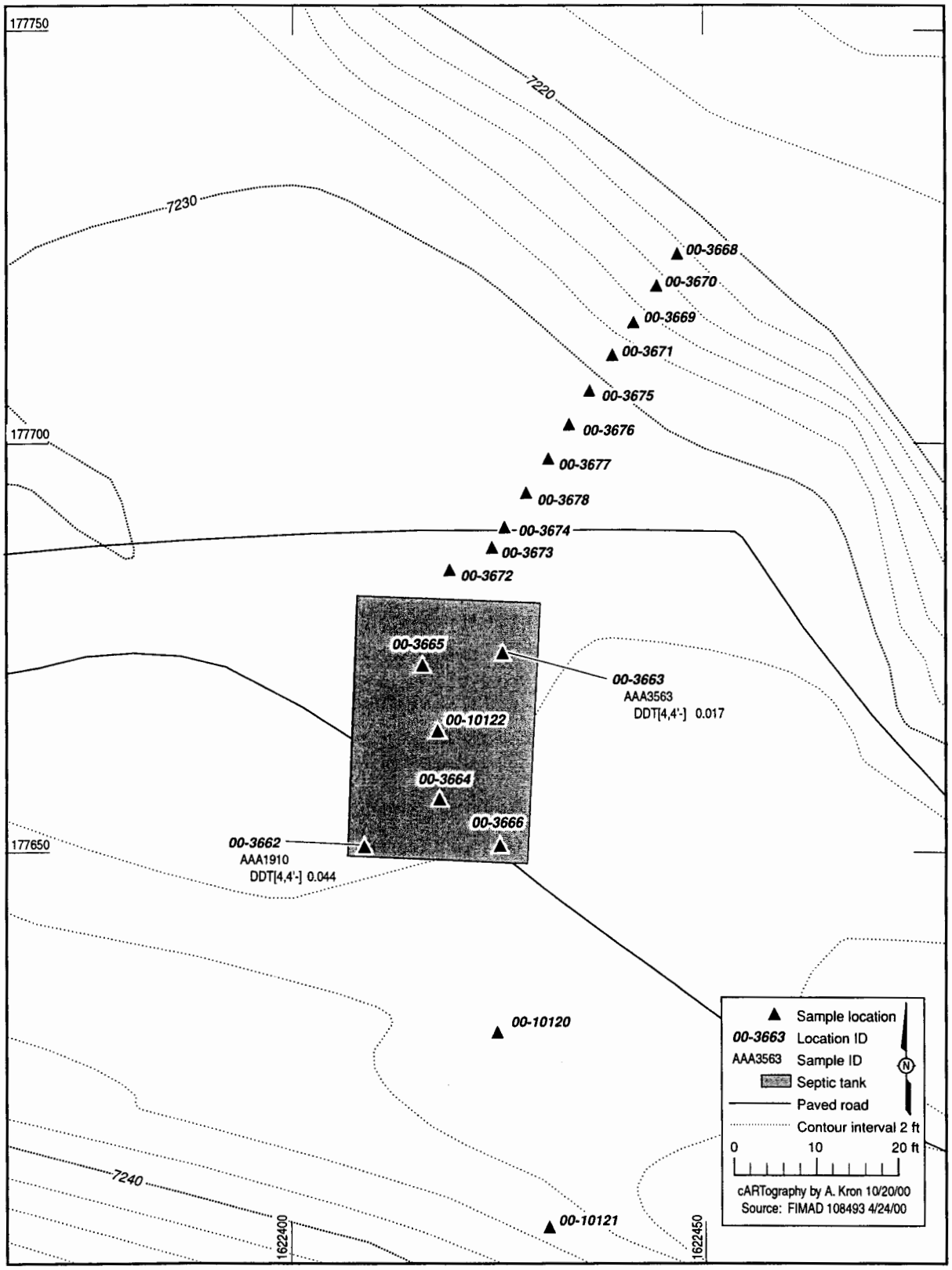

Figure 2.3-14. Locations with organic chemicals (mg/kg) detected on the mesa top at SWMU 0-030(g)

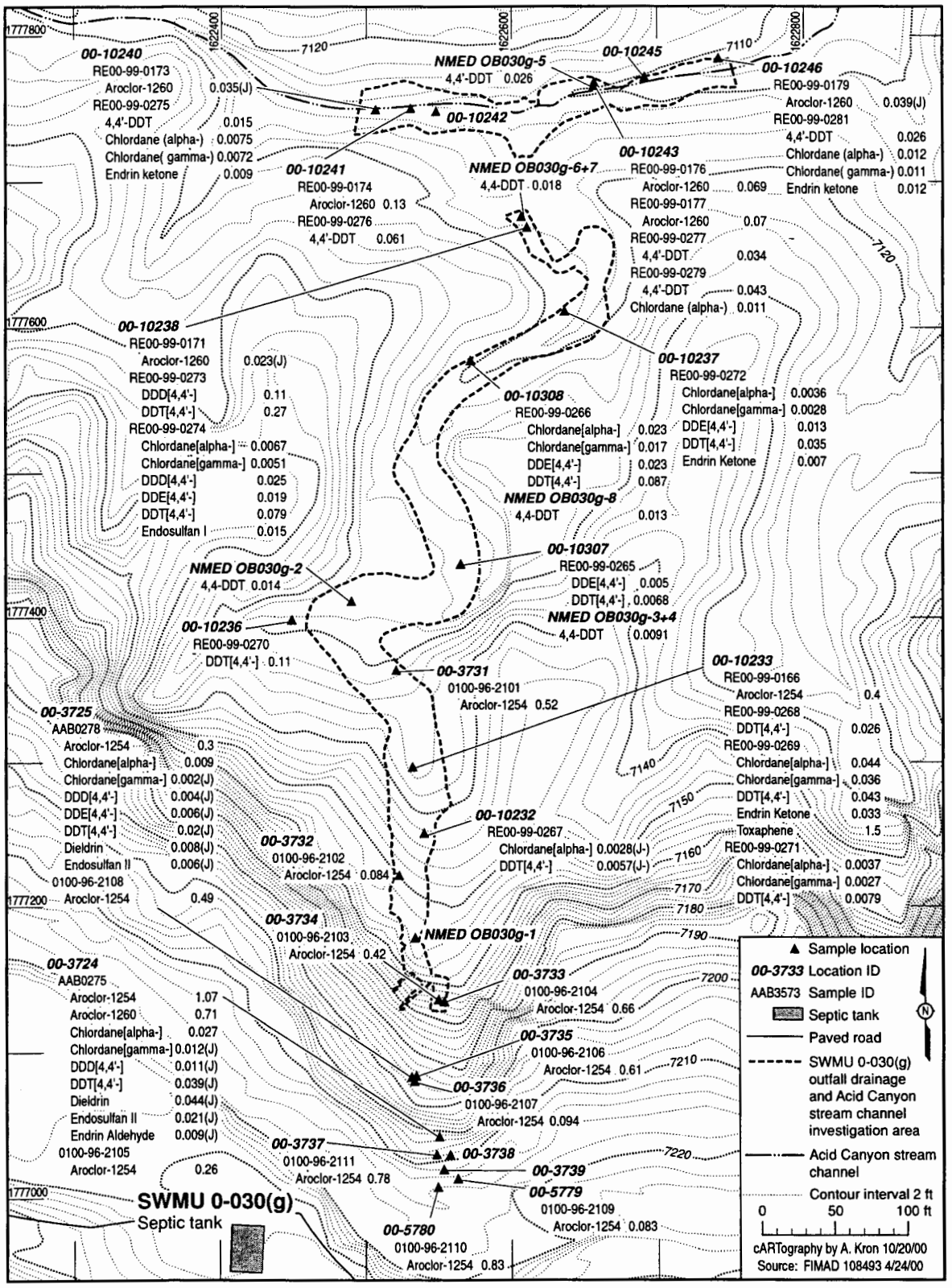

Figure 2.3-15. Locations with organic chemicals (mg/kg) detected in the drainage and stream channels at SWMU 0-030(g)

(d) Other Applicable Data

No other applicable data collected.

2.3.5 Revised Site Conceptual Model

SWMU 0-030(g) consisted of a septic tank associated with the old Catholic Church, a drainline that extended north to an outfall on the north-facing rim of upper Acid Canyon, and a drainage channel that flows into Acid Canyon. The drainage channel flows over the rocky north-facing slope of the canyon and extends approximately 600 ft to the bottom of the canyon where it converges with an ephemeral stream channel in the bottom of Acid Canyon. This stream channel originates up-canyon from the SWMU 0-030(g) drainage channel and receives runoff from the new Catholic Church, Los Alamos High School parking lots and athletic fields, and local streets and parking lots. Presently, an unmaintained dirt service road traverses the canyon bottom and interrupts the drainage channel before it joins with the stream channel. The area south of the road is a closed depression that acts as a deposition area for sediment and contaminants. As a result, runoff from the mesa top into the drainage channel does not typically flow into the stream channel and does not currently contribute sediment or contaminants to the stream channel unless there is extremely heavy stormwater runoff or snowmelt.

The preliminary conceptual model for SWMU 0-030(g) (Figure 2.3-1) proposed that releases from the mesa-top portion of the SWMU (septic tank and drainlines) were subsurface because the structures were buried within the tuff. Any leakage would have seeped downward from below the source terms (all of which have been removed) further into the tuff, with infiltration depending on the unsaturated flow properties of the tuff. Retardation of transport would be due to sorption on the tuff or organic material. Joints and fractures in the tuff may provide additional pathways for contaminants to enter the subsurface area under saturated conditions. The subsequent data collected on the mesa top supports this concept; therefore, the revised conceptual site model for the mesa top remains unchanged.

The mesa-top portion of the SWMU is suitable for building structures, including residences, as well as being accessible to joggers and walkers. Because of the subsurface nature of the contamination detected, exposure to residents, construction workers, and recreational users would occur only if the tuff was excavated and brought to the surface. The exposure pathways for human receptors would be dermal contact, inhalation, and incidental ingestion of soil/tuff (Figure 2.3-1). Because the contamination associated with the mesa-top portion of the SWMU is subsurface, there are no complete exposure pathways to ecological receptors onsite. Furthermore, because the septic tank and drainline/outfall have been removed, there are no transport pathways to offsite receptors.

The preliminary conceptual model for the drainage channel indicated that transport of material was primarily via runoff from the septic tank outfall into the canyon (Figure 2.3-1). Any releases from the outfall would flow into the canyon as a result of discharges or as a result of stormwater runoff and snowmelt. In addition to the outfall, the drainage channel receives runoff from nonpoint sources along the mesa top, including the asphalt parking and driveway areas associated with the old Catholic Church, Canyon Road, and general open areas surrounding the SWMU. These nonpoint sources also contribute some contaminants to the drainage channel. Other point and nonpoint sources also contribute runoff and discharge nearer the head of Acid Canyon, upgradient of the termination of the septic tank drainage channel. Stream channel sediment data from Acid Canyon indicated that metals, radionuclides, pesticides, and PCBs were present in the stream channel sediments above the point at which the SWMU 0-030(g) drainage channel converges with the Acid Canyon stream channel.

Sediment transport by surface water flow would potentially result in contaminants being present throughout the Acid Canyon post-1942 stream channel sediments. Although there may be some

infiltration or leaching of contaminants into deeper sediment layers, it is expected that vertical movement of contaminants would be relatively minor, as indicated by the discussions of COPC mobility in the environment in section 2.3.5.2, "Environmental Fate." The current distribution of contaminants within the post-1942 sediments is most likely due to (1) temporal changes in contaminant concentrations being discharged from the outfall as the sediments were transported and deposited, and (2) grain-size variations, with contaminants having a greater affinity for finer-grained sediments.

This conclusion regarding contaminant distribution within the post-1942 sediments appears to be supported by the sample results from location 00-10233, which show relatively higher inorganic chemical and radionuclide concentrations associated with fine-grained sediments (fine sand and finer grain-size fraction) and relatively lower inorganic chemical and radionuclide concentrations associated with coarser-grained sediments. Some packages of fluvial sediments comprised of fining-upward sequences therefore exhibit an apparent decrease in contaminant concentrations with depth (Table 2.3-3). NMED/DOE OB samples OB030g-3 and OB030g-4 collected at the same location within the drainage channel, at two depths, within a fining-upward sequence, exhibit a decrease in inorganic chemical, radionuclide, and organic chemical concentrations and a corresponding increase in sediment size with depth (Table 2.3-5). Both of these locations had well-defined increases in sediment grain size from the shallow to deep samples, thus supporting the conclusion that contaminants tend to be collocated with finer-grained sediments.

In further support of this conclusion, samples collected at location 00-10238, and NMED/DOE OB samples OB030g-6 and OB030g-7, all had finer-grained samples collected above coarser-grained samples and exhibited collocation of higher contaminant concentrations with finer-grained sediments. However, there were some exceptions where COPC concentrations were greater in deeper stratigraphic horizons than in overlying layers. This may be a result of temporal variations in contaminant concentrations within the effluent as the sediments were deposited. Other mechanisms of transport (e.g., air entrainment) would be less likely to occur because of the type of release and the fact that the area is well protected/vegetated. The sampling data supports the conceptual model and as a result is unchanged from section 2.3.3 (Figure 2.3-1).

The canyon portion of the SWMU, which includes the drainage channel from the septic tank outfall and the surrounding area, has been designated by the county of Los Alamos as a Scenic Open Lands District. As a result, fruit harvesting, use of motorized equipment, and camping are not permitted (Los Alamos County 1996, 67490). Use of the area is limited to jogging, walking, and mountain-bike riding. The area is accessible by an unmaintained dirt service road that runs past the outfall near the mesa top, winds down and around and eventually intersects the drainage channel in the canyon area before it reaches the stream channel in Acid Canyon. The exposure pathways are dermal contact, inhalation, and incidental ingestion for the recreational user (Figure 2.3-1). The duration of exposure would be less than a day due to the "no camping" rule, and the frequency would most likely be less than an hour a day. Joggers or walkers could frequent the path on a daily basis, but their exposure would be limited to a portion of the trail that intersects with the drainage channel at two different places.

The ecological conceptual site model and the rationale are presented in part C of the ecological scoping checklist in Appendix F. The ecological model depicts the potential transport and exposure pathways of significance to terrestrial receptors. In general, exposure pathways to terrestrial receptors can occur through air (inhalation or deposition of vapors or particulates), surface soil (root uptake and rain splash on plants, food web transport via plants and/or animals, incidental ingestion of soil, dermal contact with soil, and external radiation), and surface water or active channel sediments (root uptake and rain splash on plants, food web transport to plants and animals, incidental ingestion of sediment, dermal contact with sediment, and external radiation from sediment). Minor sediment-related exposure pathways for the

drainage channel may include terrestrial plants exposed to particulates deposited on leaf and stem surfaces by rain striking contaminated sediments (i.e., rain splash) and uptake via roots from the sediment. Terrestrial animals may be exposed via food web transport from sediment and incidental ingestion of sediment. All other terrestrial pathways were considered to be unlikely or not present. There are no exposure pathways to aquatic receptors in the drainage channel because adequate water is not present to sustain populations of aquatic organisms. There may be some exposure pathways to aquatic receptors in the stream channel, depending upon the frequency and amount of water present in the channel, but not from contaminants originating from SWMU 0-030(g). The Canyons Focus Area will address the stream channel as part of the evaluation of sediment and surface water in Acid Canyon.

2.3.5.1 Nature and Extent of Contamination

The nature of the contamination associated with the septic tank and outfall at SWMU 0-030(g) has been defined by the 1993, 1994, 1998, and 1999 RFI sampling events. The primary COPCs on the mesa top and in the drainage channel are inorganic chemicals (antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc), radionuclides (americium-241, plutonium-238, plutonium-239, uranium-234, uranium-235, and uranium-238), acetone, PCBs (aroclor-1254 and aroclor-1260), and pesticides [chlordane (alpha-), chlordane (gamma-), 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan I, endosulfan II, endrin aldehyde, endrin ketone, and toxaphene]. All of the COPCs listed were detected in the drainage channel below the outfall in Acid Canyon, while fewer COPCs were detected in the tuff beneath the septic tank and drainlines. Many of the COPCs were also detected in the septic tank contents prior to the removal of the septic tank and drainlines. However, several COPCs (alpha- and gamma-chlordane, dieldrin, endosulfan II, endrin aldehyde, endrin ketone, and toxaphene) found in the drainage channel were not detected in the septic tank contents. Although the COPCs detected in Acid Canyon were similar to those detected in the SWMU 0-030(g) drainage channel, there were fewer COPCs detected and the concentrations were generally lower than those in the drainage channel (see section 2.3.4.3). The source of 4,4'-DDT and its metabolites may be the result of aerial spraying by the U.S. Forest Service in 1963 for the purpose of controlling spruce budworms (LASL 1963, 64879).

The number of COPCs detected and the frequency of detection in the tuff versus the SWMU 0-030(g) drainage channel sediment clearly indicates where the contaminants were deposited. Of the COPCs identified, only five inorganic chemicals (chromium, copper, lead, nickel, and selenium) and two radionuclides (americium-241 and plutonium-239) were detected above tuff background or fallout values, and one pesticide (4,4'-DDT) was detected in the tuff. The frequency of detects for the tuff inorganic COPCs ranged from approximately 9% for nickel and selenium to 22–26% for chromium and copper to 32% for lead. For the tuff radionuclide COPCs, the frequency ranged from approximately 5% for americium-241 to approximately 37% for plutonium-239; 4,4'-DDT was detected in approximately 10% of the samples collected from the tuff.

By comparison, 12 inorganic chemicals were greater than sediment background, 6 radionuclide COPCs were detected above the sediment background or fallout values in the drainage channel samples, and 2 aroclors and 11 pesticides were detected in the drainage channel. The frequency of detects of inorganic COPCs in the drainage channel sediment ranged from approximately 10–23% (2 to 4 detects) for barium, cadmium, cobalt, silver, and thallium to 26–59% (5 to 10 detects) for antimony, copper, selenium, and zinc. Lead and mercury were the most prevalent inorganic COPCs and were detected in approximately 74% (14 detects each) of the drainage channel sediment samples. For the drainage channel sediment radionuclide COPCs, the frequency of detection was approximately 29–41% for isotopic uranium, 48% for americium-241, and 75% for plutonium-238. Plutonium-239 was the most prevalent radionuclide COPC and was detected in 100% (28 detects) of the drainage channel sediment samples. Dieldrin, endosulfan I,

endosulfan II, endrin aldehyde, endrin ketone, toxaphene, 4,4'-DDD, 4.4'-DDE, and aroclor-1260 were detected in approximately 5–26% (1 to 5 detects) of the drainage channel sediment samples, while gamma-chlordane, aroclor-1254, and alpha-chlordane were detected in approximately 37–46% (7 to 14 detects) of the drainage channel sediment samples. The most prevalent organic COPC was 4,4'-DDT and was detected in approximately 84% (16 detects) of the drainage channel sediment samples. Based on this information, it is apparent that the majority of the contamination associated with the septic tank at SWMU 0-030(g) was deposited in the drainage channel sediment below the outfall.

The tuff samples that were collected on the mesa top and were associated with the septic tank and drainlines have defined the extent of contamination for this portion of SWMU 0-030(g). The 1993 samples were confirmatory samples collected following the removal the septic tank, drainlines, and some material immediately below these structures. Supplemental sampling was conducted in 1998 to fill in data gaps and better define the extent of contamination associated with the former structures. As mentioned above, most of the COPCs were either not detected in the tuff or detected below tuff background or fallout values.

The conceptual site model (Figure 2.3-1) for the mesa-top portion of the SWMU identified the primary direction of transport of materials released from the structures to be vertical with little or no lateral migration. In general, the sampling data found that concentrations of COPCs decreased with depth into the tuff. While not every sample location demonstrated a definite decrease in concentrations with depth, there was an overall decrease with depth beneath the septic tank and the drainlines. For example, at sampling locations beneath the septic tank (00-3662 and 00-3663), concentrations of americium-241, calcium, plutonium-239, and selenium decreased with depth. However, copper concentrations increased at sample location 00-3663, but decreased at nearby sample locations 00-3662, 00-3665, and 00-3666. Vertical extent was also defined by samples collected beneath the outlet drainline where two sampling locations (00-3670 and 00-3678) served to demonstrate a decreasing concentration trend with depth.

The sediment samples collected from the drainage channel as well as Acid Canyon provide a clear picture of the distribution of contaminants in this portion of Acid Canyon as well as define the downgradient extent of contamination from SWMU 0-030(g). The various sampling events that were performed by the Laboratory and NMED/DOE OB have characterized the entire length of the drainage channel originating at the outfall of SWMU 0-030(g). The RFI sampling by the Laboratory and NMED/DOE OB, as well as the sampling done by the Canyons Focus Area, has also characterized the canyon bottom above and below the SWMU 0-030(g) drainage channel and to the confluence of Acid Canyon with Pueblo Canyon. Only the Acid Canyon data collected for the RFI above and below the SWMU 0-030(g) drainage channel are relevant for this discussion of extent of contamination for SWMU 0-030(g). All of the Acid Canyon data will be presented and discussed in the evaluation of sediment and surface water in Acid Canyon in a report to be prepared by the Canyons Focus Area.

The sampling data revealed that the COPCs were distributed differently along the course of the drainage channel. A few COPCs (dieldrin, endosulfan II, and endrin aldehyde) were detected only in the upper part of the drainage channel near the slope. Several COPCs [lead, mercury, selenium, zinc, americium-241, plutonium-238, plutonium-239, 4,4'-DDT and its metabolites, and chlordane (alpha- and gamma-)] were detected throughout the drainage channel (from below the outfall to the area of sediment deposition at end of 0-030(g) drainage channel) (Tables 2.3-9, 2.3-10, 2.3-16, 2.3-17, 2.3-23, and 2.3-24). These COPCs generally showed some variation in concentration from sample location to sample location but did not demonstrate an overall increase or decrease in concentrations along the entire length of the drainage channel. The sediment data show that most of the COPCs were detected at elevated concentrations in the lower part of the SWMU 0-030(g) drainage channel. Antimony, arsenic, barium, cadmium, cobalt, copper, silver, thallium, uranium-234, uranium-235, uranium-238, and endosulfan I were detected entirely

or almost exclusively in sediment from the last 200 ft or so of the drainage channel (Laboratory sample locations 00-10308, 00-10237, and 00-10238 as well as NMED/DOE OB samples OB030g-8, OB030g-6, and OB030g-7) (Tables 2.3-9, 2.3-10, 2.3-16, 2.3-17, 2.3-23, and 2.3-24). In addition, the maximum concentrations of these COPCs, as well as the other COPCs, were in or near the area of sediment deposition at the end of the 0-030(g) drainage channel. The accumulation of COPCs and the higher concentrations in the area of sediment deposition at the end of the SWMU 0-030(g) drainage channel supports the conceptual site model, which states that surface water transport of sediment is the primary mechanism of migration.

Most important to understanding the extent of contamination from SWMU 0-030(g) is the relationship between the SWMU 0-030(g) drainage channel sediment data and the Acid Canyon sediment data. As stated above, the drainage channel is interrupted by an unmaintained service road that presently prevents most runoff from reaching the stream channel in the bottom of Acid Canyon. As a result, the contamination from SWMU 0-030(g) should, as confirmed by the data, stop at the area of sediment deposition at the end of the SWMU 0-030(g) drainage channel, just prior to the road. The Acid Canyon data support this model in three ways: (1) fewer COPCs were identified in the Acid Canyon sediments compared to the SWMU 0-030(g) drainage sediments (see data review tables); (2) the COPCs identified in the Acid Canyon stream channel sediments were detected upgradient and downgradient of the SWMU 0-030(g) drainage channel at similar concentrations, indicating that there is no increase in contamination entering the stream channel from the drainage channel; and (3) the concentrations of COPCs in the stream channel were much lower than reported in the drainage channel. The exception to this last statement was zinc, which was detected at higher concentrations in Acid Canyon both above and below the SWMU 0-030(g) drainage channel. The Acid Canyon data illustrate that there are other sources of contamination upcanyon from SWMU 0-030(g) and that these sources contribute all or most of the contaminants to the stream channel in the vicinity of SWMU 0-030(g).

The horizontal extent of contaminated sediments in the drainage channel from SWMU 0-030(g) has been defined primarily through geomorphic mapping of the sediments, which identified the probable distribution of post-1942 sediments (Figure 2.3-6a). Contaminants have been distributed over time by discharge from the outfall as well as from stormwater runoff along the full length of the drainage channel (a distance of approximately 600 ft) and laterally, approximately 10 to 30 ft on either side of the channel. The mapped sediments included those from the active channel as well as those from the overbank sediments that were deposited during high flow periods. The Laboratory and NMED/DOE OB samples obtained from the drainage channel were taken from each of these areas.

The vertical extent of contamination was determined through geomorphic mapping of the sediments and by sampling the sediment at different depths from several locations along the length of the drainage channel. Sample locations were chosen based on previous surveys that categorized sediment packages by geomorphic units and then subdivided these units into distinct stratigraphic layers. Sediment age was determined by tree coring and depth to burial of tree roots. Sampling was restricted to sediments deposited after 1942 (the time frame when potential Laboratory-related contamination began). Sample depths were selected based on grain size that ranged from very fine sand to fine sand to medium-coarse sand. In general, the finer-grained particles are typical of the overbank sediment, and the coarser-grained particles are typical of active channels. Previous investigations of canyon sediments have found that contaminant concentrations tend to be higher in finer-grained sediment of a given age, e.g., post-1942 (Reneau et al. 1998, 65406). The sampling approach for this RFI was designed to sample those sediments (post-1942 sediments) containing the majority of the contamination; therefore, samples were not collected from sediment deposited prior to Laboratory operations (pre-1942). Additional sampling at depth is not warranted in the SWMU 0-030(g) drainage channel, despite having no demonstrated decrease in concentrations at some locations. Previous sediment evaluations by the Canyons Focus Area

have found that contaminant concentrations decreased with depth as the age of the sediments changes from post-1942 (Laboratory operations) to pre-1942 (pre-Laboratory operations) (Reneau et al. 1998, 65406).

In general, sampling data indicated that the distribution of contamination ranged from a depth of less than 3 in. to approximately 2.5 to 3 ft bgs. This range of contaminant depths was expected based on the geomorphic mapping that identified a maximum of approximately 3 ft of post-1942 sediment. Four locations were sampled at two or more depths by either the Laboratory (sample locations 00-10233 and 00-10238) or NMED/DOE OB (samples OB030g-3 and –4, samples OB030g-6 and -7). The vertical samples collected along the drainage channel (sample location 00-10233 and samples OB030g-3 and -4) demonstrated that COPC concentrations are higher in finer-grained sediments overlying coarser-grained sediments, thus supporting the conclusion that contaminants tend to be collocated with finer-grained sediment. The vertical samples collected from the area of sediment deposition at the end of the SWMU 0-030(g) drainage channel (sample location 00-10238 and samples OB030g-6 and -7) showed a decreasing trend for some of the analytes and an increasing trend for others. This variability in concentration distribution is most likely related to temporal variations in contaminant concentration in the effluent and the gradual repetitive accumulation of sediment over time. Consequently, more contaminated sediments deposited during the operation of the septic system at SWMU 0-030(g) were buried by less contaminated sediments deposited following cessation of discharges from the outfall. As mentioned above, samples collected were confined to post-1942 sediments, which contained the higher concentrations of contaminants.

2.3.5.2 Environmental Fate

The fate of chemicals (inorganic and organic) in the environment is complex and dependent on both physical and chemical processes. As described by the conceptual site model (Figure 2.3-1), the predominant mechanism for contaminant distribution is surface water runoff during rain or snow events and, to a lesser extent, air dispersion via particulates and dust. The latter transport mechanism is minimized because the SWMU and drainage channel area are well vegetated and protected from wind. The potential movement via surface water runoff is high because of the slope of the drainage channel into Acid Canyon. The sampling data found that elevated levels of chemicals were present in the drainage channel where releases from the outfall had occurred. COPCs were present throughout the drainage channel up to the unmaintained dirt road that intersects the drainage channel prior to the stream channel that traverses the bottom of Acid Canyon. This road acts as a barrier to surface water runoff because it is elevated approximately 3 ft above the drainage channel. As a result, surface water runoff would not normally reach the stream channel in the bottom of Acid Canyon unless there was stormwater runoff great enough to rise above the road. In the interest of providing an accurate description of the nature and extent of contamination, this report presents and evaluates data from the stream channel. However, this channel is considered to be within the purview of the Canyons Focus Area and the road is considered to be the downgradient boundary of SWMU 0-030(g).

The COPCs in the drainage channel that were retained from the data review included metals (antimony, arsenic, barium, cadmium, cobalt, copper, lead, mercury, selenium, silver, thallium, and zinc), radionuclides (americium-241, plutonium-238, plutonium-239, uranium-234, uranium-235, and uranium-238), acetone, PCBs (aroclor-1254 and aroclor-1260), and pesticides [chlordane (alpha-), chlordane (gamma-), 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan I, endosulfan II, endrin aldehyde, endrin ketone, and toxaphene]. With the exception of acetone, these types of chemicals are generally not volatile, do not biodegrade, and are persistent in the environment. Metals and radionuclides are known to be relatively immobile in soils under environmental conditions normally encountered at Laboratory sites: semiarid conditions and neutral-to-alkaline soil pH. These chemicals adsorb to sediments and are

susceptible to particle movement during high flow conditions (i.e., stormwater runoff). The organic chemicals detected—PCBs and pesticides—are moderately soluble to insoluble in water and persistent in the environment. Because of their relative insolubility and the strong adsorption properties of sediments, the COPCs for SWMU 0-030(g) are not likely to demonstrate much vertical migration. Acetone is quite volatile and would most likely evaporate and not be persistent or bioaccumulate in the environment.

Fate and transport information for the individual contaminants or groups of contaminants detected at SWMU 0-030(g) is presented in Appendix F, "Risk Assessment."

2.4 Site Assessments

2.4.1 Summary

Human health and ecological screening assessments were conducted on the COPCs identified in section 2.3.4.3. These assessments did not indicate an unacceptable risk to receptors. A surface water assessment was also conducted for SWMU 0-030(g). This assessment resulted in an erosion matrix score of 47.2, which indicates a moderate potential for erosion (see Appendix B, section B-4.1). A groundwater assessment was not performed for SWMU 0-030(g) because this site does not present a potential pathway for contaminant release to groundwater due to the great depth to groundwater (approximately 950 ft), and no groundwater samples were collected. An underground storage tank assessment was not performed because it is not applicable to SWMU 0-030(g).

2.4.2 Screening Assessments

The human-health screening assessment is presented in section 2.4.2.1, and the ecological screening assessment is presented in section 2.4.2.2. These screening assessments follow the Hazardous Waste Bureau's risk-based decision tree (NMED 1998, 57761) and EPA Region 6 guidance (EPA 1998, 59600; EPA 1999, 64804). For radionuclides, the human health and ecological screening assessments follow the LANL ecological screening methods (LANL 1999, 64783), Appendix 1 of the DOE procedure for the release of real property containing residual radioactive material (DOE 2000, 67489), the 1998 IWP (LANL 1998, 62060), and the 2000 IWP that is currently pending approval (LANL 2000, 66802).

2.4.2.1 Human Health

(a) Scoping

This SWMU consists of two different areas: a mesa top and a canyon. The current and future land use of the mesa-top portion of SWMU 0-030(g) is residential. It is presently vacant land except for the old Catholic Church building and asphalt paved areas formerly used for access and parking. The building had been converted to a single-family residence but is now vacant. The current owners of the property, Housing Solutions, have an approved building permit to construct 120 apartments (Causey 2000, 66783). The potentially exposed individual would be a resident living in an apartment and would include adults and children. Exposure pathways for residents would be inhalation of particulates/dust, incidental ingestion of soil, and dermal contact with the soil.

The canyon portion of the SWMU, which includes the drainage channel from the septic tank outfall, has been designated by the county of Los Alamos as a Scenic Open Lands District. As a result, harvesting of fruit, use of motorized equipment, and camping are not permitted. Area use is strictly recreational and users are mainly joggers, walkers, and bicyclists. The area is accessible by an unmaintained dirt service

road that runs past the outfall near the mesa top, winds down and around and eventually intersects the drainage channel in the canyon area before the drainage channel reaches the stream channel in Acid Canyon. The exposure pathways are inhalation of particulates/dust, incidental ingestion of soil, and dermal contact with soil for the recreational user, which may include both adults and children. The duration of exposure would be a fraction of a day (e.g., 1 hour/day) due to the "no camping" rule. Users of the unmaintained dirt service road could frequent the canyon several times a week (or even daily), but exposure would be limited to the portion of the trail that runs past the outfall near the mesa top and that portion of the trail that intersects the drainage channel near the bottom of the canyon.

(b) Screening Evaluation

The COPCs identified by the data review were compared with SALs to determine if the chemicals were detected at concentrations of potential concern to human health. The SALs used in these comparisons are values based on the methodology presented in Appendix C of the 1998 IWP (LANL 1998, 62060) and the 2000 IWP that is currently pending approval (LANL 2000, 66802). These SALs reflect a residential exposure scenario where exposure is based on 24 hrs per day and 350 days per year. The estimation of risk based on residential exposure assumptions will overestimate the risk to the recreational user. The SALs are used in this screening assessment to ensure a conservative evaluation. The screening evaluation follows the guidance provided by EPA Region 6 and NMED (EPA 1999, 64804; NMED 1998, 57761). The comparison to SALs is conducted separately for carcinogens, noncarcinogens, and radionuclides. The maximum concentration of each COPC was compared with the SAL for radionuclides; the SALs for Class A, B1, and B2 carcinogens; 10 times the SAL for Class C carcinogens; or one-tenth of SAL for noncarcinogens when there are more than two noncarcinogenic COPCs.

The following chemicals were retained by section 2.3.4.3's data review as COPCs in tuff and/or sediment: antimony, arsenic, barium, cadmium, chromium (total and hexavalent), cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, zinc, americium-241, plutonium-238, plutonium-239, uranium-234, uranium-235, uranium-238, acetone, aroclor-1254, aroclor-1260, chlordane(alpha-), chlordane(gamma-), 4,4-DDD, 4,4-DDE, 4,4-DDT, dieldrin, endosulfan I, endosulfan II, endrin aldehyde, endrin ketone, and toxaphene. Because the SWMU is composed of two different areas that involve two different exposure/land use scenarios, the COPCs have been evaluated separately as to whether they were detected at elevated concentrations on the mesa top or drainage channel.

In the screening evaluation of the mesa-top carcinogenic COPCs, chromium was detected at one location at a concentration that exceeded its SAL (Table 2.4-1). The only other carcinogen detected on the mesa top, 4,4'-DDT, was several orders of magnitude below its SAL. In the screening evaluation of the drainage channel carcinogenic COPCs, aroclor-1254, arsenic, dieldrin, and toxaphene were detected at concentrations greater than their respective SALs (Table 2.4-2). Aroclor-1260, chlordane(alpha-), chlordane(gamma-), chromium (total and hexavalent), 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT were detected below their respective SALs.

In the screening evaluation of the mesa-top noncarcinogenic COPCs, antimony was not detected above its 0.1 SAL, but had detection limits greater than 0.1 SAL (Table 2.4-3). Copper, lead, mercury, nickel, selenium, and silver were either detected or had detection limits less than 0.1 SAL. In the drainage channel, lead and thallium were either detected or had detection limits greater than 0.1 of their respective SALs (Table 2.4-4). Acetone, antimony, barium, cadmium, cobalt, copper, mercury, selenium, silver, zinc, endosulfan I, endosulfan II, endrin aldehyde, and endrin ketone were detected at concentrations less than 0.1 of their respective SALs.

In the screening evaluation of radionuclide COPCs on the mesa top, americium-241 and plutonium-239 were detected below their SALs (Table 2.4-5). The total yearly dose from the maximum concentration detected of these radionuclides is approximately 2 mrem/year (The calculation: the maximum concentration of 0.1 pCi/g americium-241 divided by the SAL, 22 pCi/g, equals 4.5×10^{-3}; the maximum concentration of 4.6 pCi/g plutonium-239 divided by the SAL, 24 pCi/g, equals 0.19; 4.5×10^{-3} plus 0.19 equals 0.2; the 0.2 is multiplied by 10 mrem/year because 10 mrem/year is the dose each SAL represents; 0.2 x 10 mrem/year equals 2 mrem/year.) This dose is well below the 15 mrem/year cited in the EPA OSWER Directive 9200.4-18 (EPA 1997, 58693) for the maximum yearly dose limit for humans; therefore, these radionuclides on the mesa top will not be evaluated further.

Table 2.4-1

SWMU 0-030(g), Comparison of Carcinogenic Mesa-Top COPCs to SALs

Analyte	Carcinogenic Classification	Location ID	Sample ID	Depth (in.)	Maximum Sample Value (mg/kg)	SAL (10^{-6}) (mg/kg)
Chromium (total)	A[a]	00-3670	AAA4375	24–30	360	210
DDT[4,4'-]	B2[b]	00-3662	AAA1910	108–114	0.044	1.7

[a] A denotes human carcinogen.

[b] B2 denotes probable human carcinogen.

Table 2.4-2

SWMU 0-030(g), Comparison of Carcinogenic Drainage Channel COPCs to SALs

Analyte	Carcinogenic Classification	Location ID	Sample ID	Depth (in.)	Maximum Sample Value (mg/kg)	SAL (10^{-6}) (mg/kg)
Aroclor-1254	B2[a]	00-3724	AAB0275	0–6	1.07	1.0
Aroclor-1260	B2	00-3724	AAB0275	0–6	0.71	1.0
Arsenic	A[b]	N/A[c]	OB030-g-2	0–2.4	28	0.39
Chlordane (alpha-)	B2	00-10233	RE00-99-0269	17.7–22.8	0.044	1.6
Chlordane (gamma-)	B2	00-10233	RE00-99-0269	17.7–22.8	0.036	1.6
Chromium (hexavalent)	A	N/A	OB030-g-2	7.9–15.7	0.14	30
DDD[4,4'-]	B2	00-10238	RE00-99-0273	0–6.3	0.11	2.4
DDE[4,4'-]	B2	00-10308	RE00-99-0266	5.9–9.8	0.023	1.7
DDT[4,4'-]	B2	00-10238	RE00-99-0273	0–6.3	0.27	1.7
Dieldrin	B2	00-3724	AAB0275	0–6	0.044(J)	0.03
Toxaphene	B2	00-10233	RE00-99-0269	17.7–22.8	1.5	0.44

[a] B2 denotes probable human carcinogen.

[b] A denotes human carcinogen.

[c] N/A = Sample locations for NMED/DOE OB samples not available.

Table 2.4-3

SWMU 0-030(g), Comparison of Noncarcinogenic Mesa-Top COPCs to SALs

Analyte	Location ID	Sample ID	Depth (in.)	Maximum Sample Value (mg/kg)	SAL (mg/kg)	0.1 SAL (mg/kg)
Antimony	00-10120	RE00-98-0015	42–48	11(UJ-)	30	3
Copper	00-3663	RE00-98-0026	150–162	11(J-)	2800	280
Lead	00-3676	AAA4391	78–84	29	400	40
Mercury	00-10120	RE00-98-0015	42–48	0.11(U)	23	2.3
Nickel	00-3670	AAA4375	24–30	118	1500	150
Selenium	00-3665	RE00-98-0027	108–120	1.1(UJ-)	370	37
Silver	00-3662	RE00-98-0019	120–132	2.3(UJ-)	370	37

Table 2.4-4

SWMU 0-030(g), Comparison of Noncarcinogenic Drainage Channel COPCs to SALs

Analyte	Location ID	Sample ID	Depth (in.)	Maximum Sample Value (mg/kg)	SAL (mg/kg)	0.1 SAL (mg/kg)
Acetone	00-3725	AAB0278	0–6	0.022(J)	1400	140
Antimony	00-10238	RE00-99-0171	0–6.3	1.6(J+)	30	3
Barium	00-10238	RE00-99-0172	6.3–11.8	200	5400	540
Cadmium	00-10308	RE00-99-0266	5.9–9.8	0.84	39	3.9
Cobalt	00-10308	RE00-99-0266	5.9–9.8	7.7	3400	340
Copper	00-10308	RE00-99-0266	5.9–9.8	37.5	2800	280
Endosulfan I	00-10238	RE00-99-0274	6.3–11.8	0.015	330	33
Endosulfan II	00-3724	AAB0275	0–6	0.021(J)	330	33
Endrin aldehyde	00-3724	AAB0275	0–6	0.009(J)	16	1.6
Endrin ketone	00-10233	RE00-99-0269	17.7–22.8	0.033	16	1.6
Lead	00-10236	RE00-99-0169	0–3.5	96.4	400	40
Mercury	00-10238	RE00-99-0171	0–6.3	1.3	23	2.3
Selenium	N/A[a]	OB030-g-2 OB030-g-3 OB030-g-4 OB030-g-5 OB030-g-7	0–2.4 0–2.8 4.7–12.2 7.9–15.7 7.9–15.7	2(U)	370	37
Silver	00-10237	RE00-99-0170	0–4.7	2.9	370	37
Thallium	N/A	OB030-g-8	2–7.9	10(U)	5.2	0.52
Zinc	N/A	OB030-g-1	0–3.9	840	22000	2200

[a] N/A = Sample locations for NMED/DOE OB samples not available.

Table 2.4-5

SWMU 0-030(g), Comparison of Mesa-Top Radionuclide COPCs to SALs

Analyte	Location ID	Sample ID	Depth (ft)	Maximum Sample Concentration (pCi/g)	SAL (pCi/g)
Americium-241	00-3668	AAA1909	36–96	0.1	22
Plutonium-239	00-3668	AAA1909	36–96	4.6	24

Table 2.4-6

SWMU 0-030(g), Comparison of Drainage Channel Radionuclide COPCs to SALs

Analyte	Location ID	Sample ID	Depth (ft)	Maximum Sample Concentration (pCi/g)	SAL (pCi/g)
Americium-241	00-3724	AAB0275	0–6	7.6	22
Plutonium-238	N/A[a]	OB030-g-2	0–2.4	0.9	27
Plutonium-239	00-10237	RE00-99-0170	0–4.7	82.5	24
Uranium-234	00-10238	RE00-99-0171	0–6.3	28.3	13
Uranium-235	N/A	OB030-g-7	7.9–15.7	2.1	10
Uranium-238	N/A	OB030-g-7	7.9–15.7	15.7	67

[a] N/A = Sample locations for NMED/DOE OB samples not available.

Based on the screening evaluation, antimony and chromium exceeded their respective SALs or 0.1 SAL on the mesa top, while lead, thallium, aroclor-1254, arsenic, dieldrin, toxaphene, plutonium-239, and uranium-234 exceeded their respective SALs or 0.1 SALs in the drainage channel. These COPCs are evaluated further in the uncertainty analysis section.

(c) Uncertainty Analysis

Mesa-Top COPCs

The human health screening evaluation is a conservative comparison of the maximum concentrations detected (or the detection limits in the case of antimony and thallium where those limits are greater than the BVs) at the site with SALs based on a residential exposure scenario. As indicated in the scoping section [section 2.4.2.1(a)], the mesa top is private property, currently vacant, with unrestricted access. Future land use of the mesa top is residential where the potentially exposed individual could be an adult and/or child. Therefore, the screening assessment of the mesa-top portion of the SWMU realistically estimates the exposure and potential risk to likely users of this area. The mesa-top COPCs are evaluated further below.

Antimony and total chromium were the only COPCs detected on the mesa top that exceeded either 0.1 SAL or SAL at this SWMU. Antimony had detection limits (10–11 mg/kg) greater than 0.1 SAL (3 mg/kg) in seven of the mesa-top tuff samples collected at depth in 1998. Antimony was undetected in the tuff in the confirmatory samples collected after the septic tank and drainline were removed in 1994. These 1994 samples were collected within 12–18 in. beneath the former septic tank and drainline, and had detection limits of 0.08 mg/kg, which was less than 0.1 SAL. Therefore, because antimony was not present in the

1994 confirmatory samples, which would have been more likely than the deeper 1998 samples to detect releases from the septic tank and drainline, it is concluded that antimony was not present on the mesa top above background, is not a human health COPC, and should not be evaluated further.

Total chromium, a carcinogen, was greater than SAL in only one sample of tuff (AAA4375) taken on the mesa top from the 2–2.5 ft interval beneath the drainline (sample location 00-3670). The concentration of chromium in this sample was 360 mg/kg. Samples within 20 ft on either side of this location (AAA4376, AAA4371, and AAA1909) had detected chromium concentrations approximately an order of magnitude less than that found in AAA4375. In addition, chromium in two additional samples collected at location 00-3670 from approximately the same interval (2–3 ft) and a deeper interval (6–7 ft) was reported as not detected and as having a concentration less than the BV, respectively. The total chromium SAL, which represents a one in a million (10^{-6}) incremental risk, is 210 mg/kg. A ratio of the 360 mg/kg detected to the SAL of 210 mg/kg results in an excess cancer risk of 1.7 in a million, or 2×10^{-6}. This level of risk is consistent with the "National Oil and Hazardous Substances Pollution Contingency Plan" (40 CFR 300) where risks at or below 10^{-6} are considered negligible and risks greater than 10^{-4} are deemed unacceptable. Therefore, total chromium does not present a potential unacceptable risk to human health in a residential setting and is not evaluated further.

SWMU 0-030(g) Drainage Channel COPCs

The current and future land use for the canyon portion of the SWMU is strictly recreational, involving use of the area by joggers and walkers (section 2.4.2.1[a]). As a result, the exposure and potential risk to adult and/or child recreational users may have been overestimated by the screening evaluation with residential risk values. In order to evaluate the canyon portion of the SWMU, recreational sediment guidelines were calculated using assumptions and parameters (Appendix F) designed to reflect exposure conditions for different recreational users (i.e., adult and child). The receptor evaluated under this scenario was either a walker or jogger that had stopped for a period of time near the drainage channel area while walking or jogging along the service road.

The exposure concentrations evaluated by the recreational scenario include both the 95% upper confidence limit (UCL) of the mean and the maximum detected concentration/detection limit for each COPC. This provides both a reasonable maximum exposure (95% UCL) and the worst-case exposure (maximum concentration/detection limit) and provides a range of values estimating the hazard, risk, and dose to the receptors. The use of the 95% UCL is appropriate because the receptors are moving within the potential release site (PRS) and their exposure is not limited to the location where the maximum concentration of an individual COPC was collected. The parameters included standard default soil ingestion rates of 100 mg/day for adults and 200 mg/day for a child, inhalation rates for moderate activity of 1.6 m^3/hr for an adult and 1.2 m^3/hr for a child, and exposure frequencies of 200 days/year and 100 days/year, respectively. A lower exposure frequency was used for the child because it is assumed that (1) the child 6–12 years of age would accompany an adult recreational user half of the time, (2) that a child would have less opportunity to frequent the area because of school and other activities, and (3) that most or all of the exposure would occur when school is out during the summer break, which is approximately 90–100 days (June–August). In addition, it is assumed that exposure for both adult and child occurs for 1 hour each day of trail use and that all of the soil ingested per day occurs at or near the drainage channel.

The equations used to calculate the nonradionuclide recreational sediment guidelines were the same as those presented in the "Documentation of the Canyons Human Health Risk Screening Model" (Perona et al. 1998, 62049) and uses the Canyons human health risk screening model. The radionuclide recreational soil values were calculated using the residual radioactive material (RESRAD) computer code, version 5.95. The exposure pathways include soil ingestion, dust inhalation, and dermal contact for the nonradionuclide COPCs, and external irradiation, soil ingestion, and dust inhalation for the radionuclide

COPCs. The soil ingestion rates, inhalation rates, and exposure frequencies are the same for nonradionuclide and radionuclide exposure for each recreational user. In addition, RESRAD has other input parameters such as occupancy rate, dust mass loading, wind speed, humidity, and leaching that are part of the calculations. The comparisons of the exposure concentrations with recreational sediment guidelines are presented in Table 2.4-7. The parameters for nonradionuclide and radionuclide exposures are presented in Appendix F.

Lead is a noncarcinogen with a SAL of 400 mg/kg. The SAL for lead is not calculated in the same manner as the SAL for other non-carcinogens. Instead, the lead SAL is based on the level of lead in the soil that corresponds to no more than a 5% chance of exceeding 10 μg/dl lead in the blood of children. This 10 μg/dl blood lead level is based upon analyses conducted by the Centers for Disease Control and EPA that associate blood lead levels of 10 μg/dl and higher with health effects in children; however, this blood lead level is below a level that would trigger medical intervention (EPA 1994, 59509). The maximum detected concentration of lead in the drainage channel was 96.4 mg/kg, which is less than the lead SAL. The concentration of lead detected in the soil at SWMU 0-030(g) corresponds to less than a 5% chance of exceeding 10 μg/dl in a child's blood. Therefore, lead is not evaluated further.

The other COPCs in the drainage channel sediment were evaluated for potential risk to a recreational user. The recreational sediment guidelines used were calculated for an adult and a child for noncarcinogenic hazard, carcinogenic risk, and radionuclide dose. This assessment provided a range of HQs and HIs and doses for the receptors. The incremental lifetime cancer risk (ICR) was obtained by combining the potential risks for the adult and child exposures because the risk is based on a lifetime exposure. The use of the maximum detected concentrations to estimate the hazard, risk, and dose from exposure assumes that exposure occurs only at the locations where these concentrations were detected. Because the maximum chemical concentrations for the COPCs were reported at several different sampling locations, the derived HQs, HIs, cancer risks, and doses overestimate the potential for unacceptable impacts to human health. For this reason, the 95% UCL is more representative of the exposure to contaminants across a larger area, but is still likely a conservative estimate of the average concentrations to which a receptor would be exposed.

Table 2.4-7
SWMU 0-030(g), Comparison of Drainage Channel COPCs to Recreational Sediment Guidelines

Analyte	Exposure Concentrations		Recreational Soil Values		Ratio of Concentration to Soil Value			
Noncarcinogens (mg/kg)								
					HQs			
	95% UCLs	Maximum Concentrations	Child Rec. Values	Adult Rec. Values	Child (based on 95% UCL)	Adult (based on 95% UCL)	Child (based on Max. Conc.)	Adult (based on Max. Conc.)
Arsenic	7.5	28	48	140	0.2	0.05	0.6	0.2
Antimony	0.92	1.6(J+)	89	320	0.01	0.003	0.02	0.005
Barium	94.6	200	15000	56000	0.006	0.002	0.01	0.004
Cadmium	0.32	0.84	220	790	0.001	0.0004	0.004	0.001
Cobalt	4.0	7.7	2200	4300	0.002	0.0009	0.004	0.002
Copper	18	37.5	8800	32000	0.002	0.0006	0.004	0.001
Mercury	0.51	1.3	66	240	0.008	0.002	0.02	0.005
Selenium	1.3	2(U)	1100	4000	0.001	0.0003	0.002	0.0005
Silver	0.86	2.9	1100	4000	0.0008	0.0002	0.003	0.0007
Thallium	2.8	10(U)	18	65	0.2	0.04	0.6	0.2
Zinc	185	840	65000	230,000	0.003	0.0008	0.01	0.004
Acetone	—	0.022(J)	8200	19000	—	0.000003	—	0.000001
Aroclor-1254	0.41	1.07	2.3	5.7	0.2	0.07	0.5	0.2
Chlordane (alpha-)	0.021	0.044	41	94	0.0005	0.0002	0.001	0.0005
Chlordane (gamma-)	0.02	0.036	41	94	0.0005	0.0002	0.0009	0.0004
DDD[4,4'-]	0.026	0.11	41	94	0.0006	0.0003	0.003	0.001
Dieldrin	0.027	0.044(J)	4.1	9.4	0.007	0.003	0.01	0.005
Endosulfan I	0.017	0.015	490	1100	0.00003	0.00002	0.00003	0.00001
Endosulfan II	0.022	0.021(J)	490	1100	0.00004	0.00002	0.00004	0.00002
Endrin aldehyde	0.016	0.009(J)	25	56	0.0006	0.0003	0.0004	0.0002
Endrin ketone	0.023	0.033	25	56	0.0009	0.0004	0.001	0.0006
				HI	0.6	0.2	1.7	0.7

Table 2.4-7 (continued)

Analyte	Exposure Concentrations		Recreational Soil Values		Ratio of Concentration to Soil Value			
Carcinogens (mg/kg)								
					Cancer Risk			
	95% UCLs	Maximum Concentrations	Child Rec. Values	Adult Rec. Values	Child (based on 95% UCL)	Adult (based on 95% UCL)	Child (based on Max. Conc.)	Adult (based on Max. Conc.)
Aroclor-1254	0.41	1.07	0.66	0.42	6×10^{-7}	1×10^{-6}	2×10^{-6}	3×10^{-6}
Aroclor-1260	0.2	0.71	0.66	0.42	3×10^{-7}	5×10^{-7}	1×10^{-6}	2×10^{-6}
Arsenic	7.5	28	1.2	0.9	6×10^{-6}	8×10^{-6}	2×10^{-5}	3×10^{-5}
Chlordane (alpha-)	0.21	0.044	2.7	1.6	8×10^{-8}	1×10^{-7}	2×10^{-8}	3×10^{-8}
Chlordane (gamma-)	0.2	0.036	2.7	1.6	7×10^{-8}	1×10^{-7}	1×10^{-8}	2×10^{-8}
DDD[4,4'-]	0.026	0.11	4.0	2.3	7×10^{-9}	1×10^{-8}	3×10^{-8}	5×10^{-8}
DDE[4,4'-]	0.018	0.023	2.8	1.6	6×10^{-9}	1×10^{-8}	8×10^{-9}	1×10^{-8}
DDT[4,4'-]	0.068	0.27	2.8	1.6	2×10^{-8}	4×10^{-8}	1×10^{-7}	2×10^{-7}
Dieldrin	0.027	0.044(J)	0.06	0.034	5×10^{-7}	8×10^{-7}	7×10^{-7}	1×10^{-6}
Toxaphene	0.85	1.5	0.87	0.5	1×10^{-6}	2×10^{-6}	2×10^{-6}	3×10^{-6}
				Total ICR	9×10^{-6}	1×10^{-5}	3×10^{-5}	4×10^{-5}
Radionuclides (pCi/g)								
					Dose			
	95% UCLs	Maximum Concentrations	Child Rec. Values	Adult Rec. Values	Child (based on 95% UCL)	Adult (based on 95% UCL)	Child (based on Max. Conc.)	Adult (based on Max. Conc.)
Americium-241	2.3	7.6	201	192	0.2	0.2	0.6	0.6
Plutonium-238	0.32	0.9	231	223	0.02	0.02	0.06	0.06
Plutonium-239	23.1	82.5	208	201	1.7	1.7	6.0	6.2
Uranium-234	9.4	28.3	2450	2173	0.06	0.06	0.15	0.15
Uranium-235	0.6	2.1	1073	654	0.008	0.01	0.03	0.045
Uranium-238	5.3	15.7	2066	1591	0.04	0.05	0.12	0.15
				Total dose	2.0 mrem/year	2.0 mrem/year	6.9 mrem/year	7.2 mrem/year

The noncarcinogenic COPCs had HIs ranging from 0.6 to 1.7 for the child and from 0.2 to 0.7 for the adult, when compared to their recreational sediment guidelines (Table 2.4-7). A primary contributor to the child HIs was thallium, which was evaluated using a detection limit of 10 mg/kg. The child HQs for this inorganic chemical were 0.2 and 0.6, or approximately one-third of the child HIs. If the highest detected concentration of thallium (6.7 mg/kg) is used as the maximum concentration rather than the elevated detection limit of 10 mg/kg, the child HQ is reduced to approximately 0.4. Eliminating the elevated detection limit from the 95% UCL calculation results in a 95% UCL of 2.2 mg/kg, which yields an HQ of approximately 0.1 for thallium. Other primary contributors to the child HIs included arsenic (child HQs = 0.2 and 0.6) and aroclor-1254 (child HQs = 0.2 and 0.5). These COPCs are also characterized by a single elevated concentration along the drainage channel (all at different sampling locations) so that exposure to the contaminants is better represented by the 95% UCL. As a result of the recreational scenario evaluation, there is not an unacceptable potential for noncarcinogenic health hazards to the child or adult recreational user.

The carcinogenic COPCs resulted in a total incremental lifetime cancer risk ranging from 2×10^{-5} to 7×10^{-5} when compared to the recreational sediment guidelines (Table 2.4-7). The main contributor to the cancer risk was arsenic, which had a maximum detect of 28 mg/kg. The cancer risk for this inorganic chemical was approximately 1×10^{-5} to 5×10^{-5} for combined child and adult. The cancer risks associated with the other detected arsenic concentrations (4.1 mg/kg to 5.8 mg/kg) and elevated detection limits (8 mg/kg and 14 mg/kg) downgradient of the elevated arsenic concentration are approximately 1×10^{-5} to 3×10^{-5}. No other arsenic results from the drainage channel were above the sediment BV, including the Laboratory sample (RE00-99-0169) collected within 30 ft of the NMED/DOE OB sample (OB030g-2). Arsenic was reported below the BV at 3.3 mg/kg in this Laboratory sample, indicating that the elevated arsenic is limited in area. As a result, using the maximum detected concentration overestimates the potential cancer risk to a receptor in the drainage channel at SWMU 0-030(g), and the 95% UCL represents the reasonable maximum exposure to contamination. The cancer risk levels for arsenic and for all carcinogens are consistent with the "National Oil and Hazardous Substances Pollution Contingency Plan" (40 CFR 300) where risks at or below 10^{-6} are considered negligible and risks greater than 10^{-4} are deemed unacceptable. Therefore, the carcinogenic COPCs do not present an unacceptable risk to the recreational users.

The radionuclide COPCs resulted in a total potential dose ranging from 2.0 to 6.9 mrem/year for the child and 2.0 to 7.2 mrem/year for the adult (Table 2.4-7). The largest potential dose was from plutonium-239, which ranged from 1.7 to 6.0 mrem/year for the child and 1.7 to 6.2 mrem/year for the adult. The total dose levels are well below the 15 mrem/year dose level used to determine if exposure is potentially unacceptable to the public (EPA 1997, 58693; DOE 2000, 67489). Therefore, the radionuclide COPCs do not present an unacceptable dose to the recreational users.

(d) Interpretation

As a result of the human health screening assessment, no COPCs on the mesa top were retained. Although antimony was characterized by elevated detection limits and chromium was characterized by an elevated concentration above 0.1 of their respective SALs, other sample data found these inorganic chemicals at detection limits and concentrations below 0.1 SAL. In addition, the elevated antimony detection limits were approximately one-third of the SAL, which does not indicate a potential hazard from antimony. Chromium was eliminated as a COPC because it was detected at a concentration that was within the EPA's acceptable risk range of 10^{-4} to 10^{-6} ("National Oil and Hazardous Substances Pollution Contingency Plan," 40 CFR 300).

The drainage channel COPCs were evaluated using recreational sediment guidelines because the current and future land use for this area is represented by a recreational user scenario. The HIs for noncarcinogenic COPCs were 1.0 or less, the carcinogenic risk was within EPA's acceptable risk range of 10^{-4} to 10^{-6} ("National Oil and Hazardous Substances Pollution Contingency Plan," 40 CFR 300), and the total dose from radionuclides was below the 15 mrem/year dose limit. Therefore, the human health screening evaluation found that the nonradionuclide and radionuclide COPCs did not represent a potential risk to the recreational users of this area.

2.4.2.2 Ecological Screening

An ecological screening assessment of SWMU 0-030(g) is presented below. The approach for conducting ecological assessments is described in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783). The assessment consists of four parts: a scoping evaluation, a screening evaluation, an uncertainty analysis, and an interpretation of the results.

The scoping evaluation includes (1) the data assessment, which identifies data quality issues and results in a list of COPCs for the SWMU, and (2) the problem formulation for the SWMU under investigation. Details of the data assessment can be found in section 2.3.4.3, "Data Review," and in Appendix C of this report. The basis for the problem formulation for SWMU 0-030(g) is the ecological scoping checklist, which is provided in Appendix F. The scoping checklist is completed early in the assessment process and is a useful tool for organizing existing ecological information. This information is used to confirm whether ecological receptors might be affected; to identify the type of receptors that might be present (i.e., terrestrial and/or aquatic); to determine whether the SWMU should be aggregated with other SWMUs; to determine data adequacy related to nature, rate, and extent of contamination; and to develop the ecological conceptual site model for the SWMU.

The purpose of the ecological screening evaluation is to identify COPECs. The evaluation involves the calculation of HQs for all COPCs and all appropriate screening receptors by comparing the maximum sample concentrations or 95% UCLs of the arithmetic mean to the final ESLs (LANL 1999, 64783). The HQ is the ratio of the contaminant level in the exposure medium to a dose that has been determined to be acceptable and indicates whether there is the potential for adverse impacts.

An uncertainty analysis follows the COPEC identification and describes the key sources of uncertainty related to the screening assessment. The uncertainty analysis can result in either adding or removing chemicals from the list of COPECs for the SWMU. This narrative contains a qualitative uncertainty analysis of the issues relevant to evaluating the potential ecological risk for this SWMU.

The interpretation section presents the results of the screening assessment in the context of a risk-management decision. Possible decisions include a recommendation for corrective action in terms of ecological concerns or a proposal for an ecological NFA. If the data are not adequate to support either of these recommendations, further investigation will be required to support a baseline risk assessment.

(a) Scoping

The results of the data quality assessment for the samples collected at SWMU 0-030(g) are presented in Appendix C. The QA/QC issues associated with the analytical data do not affect the sufficiency and quality of the data for decision-making purposes. Although some of the results are potentially biased low or high and some data were rejected due to data quality issues, the data are considered adequate for a screening assessment and are representative of contamination present at the site. Some of the analytical data (Laboratory and NMED/DOE OB) for antimony, arsenic, cadmium, mercury, selenium, silver, and

thallium had detection limits greater than the background data. These elevated detection limits were the result of the analytical methods used rather than a result of matrix interference or sample dilution. These data are addressed in the screening evaluation and uncertainty sections of this assessment. The RFI sampling conducted at this SWMU delineated the extent of the contamination.

The problem formulation is necessary in order to establish the breadth and focus of the screening assessment. The result of this process is an ecological conceptual site model (ECSM) for the SWMU under investigation. The RFI conducted for SWMU 0-030(g) involved sampling two areas: the mesa top (associated with the old Catholic Church) where the septic tank and drainline were located, and the drainage channel (the outfall from the septic tank drainline) where the discharge flowed into Acid Canyon. Although these areas are connected by the source of contamination and although the COPCs are related to each other, the areas differ with respect to medium sampled (tuff versus sediment), land use (developed versus undeveloped), and, to some extent, the ecology (open/developed area versus forested area).

The mesa-top portion of the SWMU, located along Canyon Road, is partially developed, with the old Catholic Church building still remaining with the associated asphalt parking and driveway areas (Figure 2.2-1) and the expectation of further development. The septic tank and drainline were located to the northeast of the building and discharged into Acid Canyon, approximately 50 ft from the septic tank. These structures have been removed and no traces remain. The undisturbed portions of the mesa top are characterized by ponderosa pine forest and an open grassy area near the developed portion with some landscaping. There are several terrestrial receptors present on the surface in this area including small mammals and songbirds. The depth to the residual contamination beneath the septic tank is approximately 8–10 ft. At this depth, there are no ecological receptors present nor are there any pathways to receptors. Although the depth of the drainline varied from approximately 2 ft to 9 ft below the surface, the drainline was within the tuff. There was no evidence of burrowing in this area and it is unlikely that any ecological receptors are present within the tuff.

Acid Canyon, which received the discharge from the septic tank, is located to the east and slightly north of the former location of the septic tank and drainline (Figure 2.2-1). The SWMU 0-030(g) drainage channel is approximately 600 ft in length, beginning on the steep southern slope of the canyon and continuing to the canyon bottom. The drainage channel is largely dry but receives water from the surrounding area during storm events or snowmelt. It meanders across the canyon bottom varying in width from approximately 10–50 ft. The canyon walls consist of exposed tuff and pockets of soil/sediment and the canyon bottom consists of a combination of soil and sediment. Approximately 400–500 ft north of the steep canyon slope and approximately 50 ft south of the stream channel in Acid Canyon, an unpaved service road is present. This road is not traveled by motorized vehicles with the exception of an occasional maintenance vehicle. The road is used by walkers, joggers, and bicyclists. The road interrupts the drainage channel in the bottom of the canyon and acts as a barrier to surface water runoff because it is elevated approximately 3 ft above the drainage channel. As a result, surface water runoff does not usually reach the stream channel located to the north on the other side of the road. Because of this relationship, the area near the road acts as a deposition area for sediment transported by surface water runoff and results in elevated levels of contaminants.

This area of Acid Canyon has been designated as a wilderness area by the county of Los Alamos and, as such, permitted activities are limited. The canyon has a variety of terrestrial receptors and is characterized by a mixed conifer community dominated by ponderosa pine, Douglas fir, juniper, bearberry and gambel oak, and grasses (Biggs 1996, 62928). Terrestrial receptors probably include the deer mouse, red squirrel, mule deer, elk, cottontail, and a variety of small birds. The canyon bottom is relatively flat and provides excellent habitat for receptors.

There is also an area of Acid Canyon that contains riparian habitat in the form of a stream channel that is located in the canyon bottom approximately 600 ft from the SWMU. This stream channel traverses the length of Acid Canyon and eventually joins with Pueblo Canyon. The stream channel receives runoff from a variety of developed areas both upstream and downstream of SWMU 0-030(g). The stream channel appears stable and is well vegetated with grasses, shrubs, and trees, including willow, ponderosa pine, mountain ash, and maple. There does not appear to be any aquatic receptors present in this portion of the stream channel because of its ephemeral nature. Terrestrial receptors probably use the area and are similar to those mentioned above for the mixed conifer forest community.

There are no other SWMUs in the immediate vicinity of SWMU 0-030(g). Other septic tank SWMUs [0-030(h) and 0-030(f)] were located approximately 0.3 mi west and east, respectively, from SWMU 0-030(g). Neither of these SWMUs contributed to or influenced the materials discharged at the SWMU 0-030(g) outfall. However, SWMU 0-030(h) probably contributed to the runoff entering the stream channel in the bottom of Acid Canyon. TA-45 and its associated SWMUs are also located approximately 0.3 mi east of SWMU 0-030(g) but did not contribute to or influence the materials discharged at the SWMU 0-030(g) outfall.

T&E species are potential receptors for contaminant release to the sediments in this portion of Acid Canyon. The Laboratory's Ecology Group (ESH-20) intersected the SWMU location information [from the Facility for Information, Management, Analysis, and Display (FIMAD)] with T&E species habitat using the geographical information system (GIS) databases to determine the likelihood of the presence of T&E species in this area (Appendix F). Because the septic tank and drainline on the mesa top were subsurface, this portion of the SWMU does not affect any T&E species. The T&E review of the drainage channel area in Acid Canyon found that this area is approximately 180 ft away from potential Mexican spotted owl nesting habitat and is within an area where the owl can conservatively be assumed to forage at a medium frequency (Gonzales 1999, 65413). It is also in the vicinity of potential American peregrine falcon nesting habitat, which is approximately 1300 ft away, and within an area where the peregrine falcon can conservatively be assumed to forage at a relatively high frequency (Gonzales 1999, 65413). The peregrine falcon was delisted as a federal T&E species by the US Fish and Wildlife Department in August 1999. The SWMU is within an area in which the bald eagle is conservatively assumed to forage at a relatively low frequency. The ecological screening receptor that serves as a surrogate for the avian T&E species in the calculation of screening values is the kestrel with an all-flesh diet. No other T&E species are potentially affected by a contaminant release from this SWMU.

The ECSM for SWMU 0-030(g) and the rationale are presented in Part C of the ecological scoping checklist (Appendix F). The ECSM is summarized in section 2.3.5, "Revised Conceptual Site Model."

(b) Screening Evaluation

The ecological screening is based on the exposure of ecological receptors to surficial contamination. The screening evaluation is intended to provide an indication of potential risk to receptors and is designed to be conservative (i.e., some assumptions may not represent actual conditions) in order to minimize the possibility of eliminating an analyte that may pose a potential ecological risk. The scoping portion of the assessment indicated that terrestrial receptors were appropriate for evaluating the concentrations of contaminants in tuff and sediment. Aquatic receptors were not evaluated because there was no evidence that aquatic communities were present in the drainage and stream channels. Eight terrestrial receptors representing several trophic levels were evaluated by this process:

- generic plant,
- soil-dwelling invertebrates (represented by the earthworm),

- deer mouse (mammalian omnivore),
- vagrant shrew (mammalian insectivore),
- desert cottontail (mammalian herbivore),
- gray fox (mammalian carnivore),
- American robin (avian insectivore, avian omnivore, and avian herbivore), and
- American kestrel [avian invertebrate and flesh eater (surrogate for T&E avian species)].

The rationale for these receptors is presented in "Screening Level Ecological Risk Assessment Methods" (LANL 1999, 64783). Soil ESLs were derived for each of these receptors, where information was available. The ESLs were based on similar species and derived from experimentally determined no-observed-adverse-effect levels (NOAELs), lowest-observed-adverse-effect levels (LOAELs), or lethal doses to 50% of the population (LD50s). The derivation of ESLs is based on the approach presented in "Screening Level Ecological Risk Assessment Methods," Rev. 1 (LANL 1999, 64783), and in the ECORISK database (LANL 1998, RPF Record Package 186 [December 1999 version]). All relevant information necessary to calculate HQs and HIs, including concentration equations, dose equations, bioconcentration factors, transfer factors, and toxicity reference values are presented in "Screening Level Ecological Risk Assessment Methods," Rev. 1 (LANL 1999, 64783), and in the ECORISK database (LANL 1998, RPF Record Package 186 [December 1999 version]).

The SWMU 0-030(g) drainage channel receives water only periodically during storm events and snowmelt, and it does not support any aquatic communities. Similarly, the stream channel in Acid Canyon does not have aquatic receptors because the periodic inundation of water from storm events is not sufficient to support these types of organisms. As described in the scoping evaluation, the Acid Canyon area is characterized by a well-developed terrestrial community. Therefore, the sample results for the drainage and stream channel "sediments" were compared to the soil ESLs rather than the sediment ESLs, which were derived assuming the presence of aquatic receptors (LANL 1999, 64783). The mesa-top portion of the SWMU was also evaluated using the ESLs for soil.

The data review identified 13 inorganic chemicals, 6 radionuclides, and 14 organic chemicals as COPCs at SWMU 0-030(g). The exposure concentrations used in the ecological screening evaluation of sediment in the drainage channel were the 95% UCLs of the arithmetic mean for each COPC identified in the data review (see Appendix E for details). The use of the 95% UCL is appropriate because exposure to receptor populations varies along the length of the drainage channel and the number of samples provides adequate data to calculate a representative exposure concentration for each COPC. The 95% UCL value represents the overall exposure of the receptor populations to the contaminants across an area versus exposure at one location (i.e., maximum concentration). However, the 95% UCL is a conservative estimate of the probable true mean and as such is probably greater than the true mean. The final (minimum) ESL for each COPC is compared to the 95% UCL in Table 2.4-8. An HQ was calculated for each chemical by dividing the 95% UCL by the final ESL. An HQ equal to or greater than 0.3 was used as a threshold for identifying COPECs and determining which chemicals need to be evaluated further (LANL 1999, 64783).

Based on the above comparisons, acetone, alpha-chlordane, gamma-chlordane, endosulfan I, endosulfan II, americium-241, plutonium-238, toxaphene, uranium-235, and uranium-238 were not identified as COPECs and were not evaluated further. 4,4'-DDD does not have an ESL for comparison and is

discussed in the uncertainty analysis. The chemicals that appear in bold in Table 2.4-8 were identified as COPECs at SWMU 0-030(g) because their HQs were greater than 0.3.

Table 2.4-8

SWMU 0-030(g), Comparison of Maximum Detected Concentrations/Detection Limits with Final ESLs[a]

Analyte	95% UCL	Final ESL	Receptor	HQ[b]	Frequency of Detects Above BVs or DLs and Final ESLs
Nonradionuclide COPCs[c]					
Antimony	0.92	0.5	Plant	1.8	5/19, DL>ESL for 1/19
Arsenic	7.5	0.57	Vagrant Shrew	13.2	4/19, DL>ESL for 2/19
Barium	94.6	23	Vagrant Shrew	4.1	3/19
Cadmium	0.32	1.0	Plant	0.3	0/19
Hexavalent chromium	0.14	0.35	Plant	0.4	0/1
Cobalt	4.0	0.51	Robin (insectivore)	7.8	4/17
Copper	18	13	Earthworm	1.4	7/17
Lead	49.1	20	Plant	2.5	14/19
Mercury	0.51	0.05	Earthworm	10.2	12/19
Selenium	1.3	0.5	Plant	2.6	5/19
Silver	0.86	0.2	Plant	4.3	2/19
Thallium	2.8	0.1	Plant	28	2/19
Zinc	185	10	Plant	18.5	10/17
Acetone	0.022(J)	1.8	Deer Mouse	0.01	1/2
Aroclor-1254	0.41	0.12	Vagrant Shrew	3.4	11/30
Aroclor-1260	0.19	0.05	Robin (insectivore)	3.8	1/30
alpha-Chlordane	0.021	2.1	Plant and Robin (insectivore)	0.01	0/19
gamma-Chlordane	0.019	2.1	Plant and Robin (insectivore)	0.01	0/19
4,4'-DDD	0.026	No value	—	—	—
4,4'-DDE	0.018	0.0018	Kestrel (carnivore)	10	5/19
4,4'-DDT	0.068	0.0028	Robin (insectivore)	24.3	16/19

Table 2.4-8 (continued)

Analyte	95% UCL	Final ESL	Receptor	HQ[b]	Frequency of Detects Above BVs or DLs and Final ESLs
Nonradionuclide COPCs (continued)					
Dieldrin	0.027	0.041	Vagrant shrew	0.7	1/19
Endosulfan I	0.015	0.35[d]	Vagrant Shrew	0.04	0/19
Endosulfan II	0.021(J)	0.35[d]	Vagrant Shrew	0.03	0/19
Endrin aldehyde	0.009(J)	0.0034[e]	Plant	2.6	1/19
Endrin ketone	0.023	0.0034[e]	Plant	6.7	2/12
Toxaphene	0.85	11	Robin (insectivore)	0.08	0/19
Radionuclide COPCs[f]					
Americium-241	2.3	17	Earthworm	0.1	0/26
Plutonium-238	0.32	17	Earthworm	0.02	0/28
Plutonium-239	23.1	18	Earthworm	1.3	9/28
Uranium-234	9.4	20	Earthworm	0.5	2/17
Uranium-235	0.58	21	Earthworm	0.03	0/17
Uranium-238	5.3	22	Earthworm	0.2	0/17

[a] Based on Laboratory and NMED/DOE OB data.

[b] HQ = Hazard Quotient.

[c] Units for nonradionuclide COPCs are mg/kg.

[d] ESLs for endosulfan I and endosulfan II are not available; the value used is for endosulfan.

[e] ESLs for endrin aldehyde and endrin ketone are not available; the value used is for endrin.

[f] Units for radionuclides are pCi/g.

The COPECs identified in Table 2.4-8 were further evaluated by calculating the HQs for each COPEC/receptor combination as well as the HIs for each receptor. The HI is the sum of HQs for chemicals with common toxicological endpoints for a given receptor. For the purposes of ecological screening, it is assumed that nonradionuclides and radionuclides have different toxicological effects. The HI analysis provides a clearer picture of potential adverse effects by determining how many receptors may be affected and provides information on T&E species. Table 2.4-9 presents a summary of the HI analysis for SWMU 0-030(g).

The nonradionuclide HIs are greater than 1.0 for all of the receptors, with HIs ranging from 1.4 for the gray fox to 70.4 for the generic plant. The plant HI is influenced by several inorganic COPECs (primarily thallium and zinc) as well as endrin aldehyde and endrin ketone. The mammal HIs ranged from 1.4 for the gray fox to 40.6 for the vagrant shrew. The avian HIs ranged from 14.7 for the kestrel to 56.8 for the robin as an insectivore (100% insect diet). The HIs for the mammalian receptors were primarily influenced by inorganic COPECs such as antimony, arsenic, barium, cobalt, and thallium. The HIs for the avian receptors are driven primarily by 4,4'-DDE and 4,4'-DDT and, to a lesser degree, by aroclor and inorganic COPECs (e.g., cobalt, vanadium, and zinc). Inorganic COPECs, primarily mercury (which constitutes approximately 60% of the HI), drive the soil invertebrate HI. The nonradionuclide COPECs were evaluated further in the uncertainty analysis for this SWMU.

The radionuclide HIs are greater than 1.0 only for the soil-dwelling invertebrate (earthworm). The HIs for all other receptors are less than 0.1. The main contributor to the soil-dwelling invertebrate HI was

plutonium-239, which constituted approximately three-quarters of the value. The radionuclide COPECs were evaluated further in the uncertainty analysis for this SWMU.

The problem formulation for this assessment indicated that T&E species—the Mexican spotted owl and the peregrine falcon—were potentially at risk because this area is within the Mexican spotted owl's nesting habitat and in the vicinity of the peregrine falcon's nesting habitat. The US Fish and Wildlife Service recently completely delisted the peregrine falcon as a federal T&E species in August 1999. The kestrel with an all-meat diet is used as a surrogate receptor for avian T&E species in the ecological assessment. The highest HQs for this receptor were 10 and 16.2 for 4,4'-DDE and 4,4'-DDT, respectively, and the HI for this receptor was 27.7 (Table 2.4-9).

(c) Uncertainty Analysis

Toxicity information is available for several receptors for each of the COPECs. The number of receptors per COPEC ranged from five (for antimony and thallium) to nine (for cadmium, hexavalent chromium, copper, lead, mercury, selenium, and zinc). The available ESLs were considered to be adequate for determining whether there was a potential for an ecological impact because several trophic levels were represented by the toxicity data.

The ESLs for the vertebrate terrestrial receptors were based on similar species and derived from an experimentally determined no-observed-effect level or concentration (NOELs and NOECs), lowest-observed-effect level or concentration (LOELs or LOECs), or LD50s. Receptor-specific data for estimating potential ecological risk are often lacking, thereby requiring that species-specific toxicological effect data from laboratory animals be extrapolated to wild receptors. These laboratory studies are often limited because they evaluate single chemical exposures in isolated and controlled conditions using a single exposure pathway. Additionally, laboratory-controlled toxicological studies are often performed on individuals obtained from artificial and maintained populations. Wild organisms are concomitantly exposed to a variety of stressors and risk-drivers, thereby increasing the potential for synergistic and antagonistic physiological effects. Also, wild populations are considered to be more genetically diverse than laboratory animals, making wild populations, as a whole, potentially less sensitive to chemical exposure. The uncertainties associated with these differences may result in either an underestimation or overestimation of risk.

Table 2.4-9
SWMU 0-030(g), Hazard Index Analysis[a]

Analyte	HQ Plant	HQ Invertebrate	HQ Deer Mouse	HQ Vagrant Shrew	HQ Desert Cottontail	HQ Robin Insectivore	HQ Robin Omnivore	HQ Robin Herbivore	HQ Kestrel	HQ Kestrel[b]	HQ Gray Fox
Nonradionuclide COPECs											
Antimony	1.8	—	0.9	1.6	0.2	—	—	—	—	—	0.01
Arsenic	0.8	1.1	6.8	13.2	0.4	0.6	0.3	0.08	0.08	0.003	0.09
Barium	0.09	—	2.3	4.1	0.3	1.8	1.1	0.4	0.2	0.009	0.03
Cadmium	0.3	0.03	0.04	0.04	0.02	0.05	0.05	0.05	0.007	0.0004	0.0004
Hex. Chromium	0.4	0.01	0.0009	0.002	0.0003	0.003	0.003	0.002	0.0003	0.00009	0.00007
Cobalt	1.6	—	3.1	4.4	0.8	7.8	5.6	3.6	1.1	0.1	0.05
Copper	0.2	1.4	0.2	0.1	0.1	0.05	0.09	0.1	0.006	0.001	0.003
Lead	2.5	0.5	0.1	0.2	0.07	0.6	0.7	0.9	0.05	0.03	0.008
Mercury	0.02	10.2	0.008	0.009	0.004	0.5	0.5	0.5	0.07	0.03	0.0005
Selenium	2.6	0.2	1.1	1.4	0.3	1.2	0.9	0.7	0.2	0.04	0.04
Silver	4.3	—	0.02	0.009	0.01	0.3	0.7	1.0	0.04	0.007	0.0002
Thallium	28	—	4.2	8.8	0.1	—	—	—	—	—	0.1
Zinc	18.5	2.2	0.2	0.09	0.2	1.9	4.5	7.4	0.3	0.2	0.01
Aroclor-1254	—	—	1.6	3.4	0.02	2.2	1.1	0.09	0.4	.45	0.5
Aroclor-1260	—	—	1.3	2.5	0.02	3.8	2.0	0.2	0.8	1.0	0.5
4,4'-DDE	—	—	0.0005	0.001	0.000005	8.2	4.2	0.3	3.5	10	0.001
4,4'-DDT	—	—	0.02	0.05	0.0002	24.3	12.4	0.9	7.4	16.2	0.03
Dieldrin	0.003	—	0.3	0.5	0.007	0.3	0.2	0.02	0.05	0.01	0.02
Endrin aldehyde	2.6	—	0.04	0.08	0.001	1.3	0.7	0.08	0.2	0.03	0.002
Endrin ketone	6.7	—	0.06	0.1	0.002	1.9	1.0	0.1	0.3	0.04	0.002
HI	**70.4**	**15.7**	**22.3**	**40.6**	**2.6**	**56.8**	**36.1**	**16.4**	**14.7**	**28.2**	**1.4**
Radionuclide COPECs											
Plutonium-239	0.0005	1.4	0.005	0.01	0.00005	0.02	0.01	0.002	0.02	0.0008	0.0004
Uranium-234	0.004	0.5	0.002	0.005	0.00004	0.009	0.005	0.0009	0.001	0.00005	0.00003
HI	**0.005**	**1.9**	**0.007**	**0.02**	**0.0001**	**0.03**	**0.02**	**0.003**	**0.02**	**0.0009**	**0.0004**

[a] These numbers are unitless.

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

The assumptions used in the ESL derivations were conservative and not necessarily representative of actual conditions. These assumptions include maximum chemical bioavailability, maximum receptor ingestion rates, minimum body weight, 100% home range exposure, and additive effects of multiple COPECs. Most of these factors tend to result in conservative estimates of the ESLs, which may lead to an overestimation of the potential risk. The assumption of additive effects for multiple COPECs may result in an overestimation or underestimation of the potential risk to receptors.

The chemical form of the COPECs identified by the screening evaluation was not determined as part of this RFI. This is largely a matter of limitations on analytical quantitation of individual chemical species. Toxicological data are typically based on the most toxic and bioavailable chemical species, which are not likely to be found in the environment. The inorganic and organic COPECs are generally not 100% bioavailable to receptors in the natural environment due to the adsorption of chemical constituents to matrix surfaces (e.g., soils and sediments) or to the rapid oxidation or reduction changes that render harmful chemical forms unavailable to biotic processes. For this particular SWMU, some of the inorganic COPECs were either sporadically detected or regularly detected above background along the drainage channel, while others were detected above background only in the lower part of the drainage channel. In either case, bioavailability would not be 100%, which would affect the relative toxicity to receptors. Except for chlordane (alpha- and gamma-) and DDT, the organic COPECs were infrequently detected and detected at concentrations that were near the detection limits (EQLs). The organic COPECs have very low water solubility and high adsorption coefficients (K_{oc}s) indicating that they are likely to be immobilized via adsorption to sediment organic carbon and thereby much less bioavailable to receptors (Appendix F). As a result of these conditions, exposure and subsequent toxicity of the COPECs to receptors may be overestimated by the screening assessment.

In addition to the bioavailability of contaminants, there is the issue of distribution of receptor populations relative to the detected contaminants. The area encompassed by the drainage channel is narrow and small, at approximately 0.7 acres (approximately 600 ft long by 15–50 ft wide), compared to the home range of receptor populations. For example, in the screening assessment it was assumed that the organisms spent 100% of the time in the area rather than a fraction of the time, which would normally be the case. The home range for the short-tailed shrew (assumed to be similar to the vagrant shrew) is approximately one-half to 1 acre, while that for the deer mouse is approximately one-half to 3 acres, according to Burt and Grossenheider (1976, 59097). The American robin has a home range of approximately 0.4 acres for nestlings and approximately 2.0 acres for fledglings (EPA 1993, 59109). With the exception of plants, no single organism or population resides indefinitely within a single location of its range. The plant populations within Acid Canyon, as well as along and in the drainage channel leading from SWMU 0-030(g), appear to be healthy across the area and are not affected by the contamination introduced from the septic tank discharges. Because of the wide distribution of receptor populations relative to the area of contamination, it is likely that contact between receptors and contaminants is infrequent and short-lived. The result is that receptor populations are not affected by the presence of low-level concentrations of contaminants and that the ESLs overestimate the potential for ecological impacts.

The screening evaluation was performed using the 95% UCL of the arithmetic mean for both nonradionuclide and radionuclide COPECs. As a result, the exposure of individuals within a population to a specific concentration within the SWMU was not evaluated. This results in an underestimation of the potential risk to an individual from exposure to an isolated area of contamination. However, the use of the 95% UCL as the exposure concentration provides a more realistic estimate of exposure of a population to the COPECs across the entire area. The dynamic nature of biotic populations emphasizes the appropriateness of evaluating contaminant concentrations over the entire area, as presented by using the 95% UCLs. The screening evaluation based on the 95% UCLs overestimates the potential risk to

receptors, because of the assumptions mentioned above as well as the fact that the contamination is restricted to a small area encompassed by the drainage channel. In addition, the 95% UCLs for several COPECs (particularly the organic COPECs) were calculated using a large number of undetected values, which results in a further overestimation of the exposure concentration.

This qualitative uncertainty analysis evaluates 22 COPECs (13 inorganic chemicals, 7 organic chemicals, and 2 radionuclides) identified by the screening evaluation as well as 1 organic chemical that does not have any ecological toxicity information (Table 2.4-8). This analysis discusses the relative contributions of each COPEC and provides a context for whether additional evaluation of this SWMU is warranted.

Antimony. Antimony was detected above the sediment BV (0.83 mg/kg) in 5 samples from 3 locations along the drainage channel at depths of approximately 0 to 2 ft. (Table 2.3-9). The antimony concentrations ranged from 0.92 mg/kg to 1.6 mg/kg, which are less than twice the sediment BV. In addition, the 95% UCL (0.92 mg/kg) is similar to the sediment BV. The ECORISK database provides toxicity information for the plant and the mammalian receptors for antimony (LANL 1998, RPF Record Package 186 [December 1999 version]). The antimony ESLs were similar to, or less than, the 95% UCL for the mammalian receptors and approximately one-half of the 95% UCL for the plant. Because of the relatively low HQs (1.8 or less) and the detection at concentrations similar to sediment background, antimony does not pose a significant potential risk to ecological receptors. Based on this information, antimony is not retained as a COPEC for SWMU 0-030(g).

Arsenic. Arsenic was detected above the sediment BV (3.98 mg/kg) in 4 samples at 4 locations along the drainage channel, from depths of approximately 0 to 1 ft (Tables 2.3-9 and 2.3-10). The arsenic concentrations ranged from 4.1 mg/kg to 28 mg/kg. A Laboratory sample (RE00-99-0169) collected from a nearby location as the NMED/DOE OB (OB030-g-2) that contained the elevated arsenic (28 mg/kg) reported arsenic at 0.73 mg/kg, which is below sediment background. Additional samples collected downgradient from the elevated arsenic reported this inorganic chemical either below background (3.98 mg/kg) or less than twice background (4.1–5.8 mg/kg). Therefore, the elevated arsenic level is localized relative to receptor population distributions. The ECORISK database provides toxicity information for all receptors for arsenic (LANL 1998, RPF Record Package 186 [December 1999 version]). The ESLs for all receptors, except for the deer mouse and vagrant shrew, are equivalent to, or less than, the 95% UCL. The 95% UCL (7.5 mg/kg) for arsenic is approximately 7–13 times greater than the ESLs for these receptors, resulting in HQs of 6.8 and 13.2, respectively. Because of the localized nature of the elevated arsenic concentration and the relatively low HQs (13.2 or less), arsenic does not pose a significant potential risk to ecological receptors. Based on this information, arsenic is not retained as a COPEC for SWMU 0-030(g).

Barium. Barium was detected above the sediment BV (127 mg/kg) in 3 samples from 3 locations along the drainage channel, at depths of approximately 0 to 1 ft (Table 2.3-9). The elevated barium concentrations were less than twice the sediment BV, and all other sampling locations in the drainage channel detected barium concentrations below the sediment BV. The infrequent detection of barium above the sediment BV indicates that the elevated barium is localized relative to receptor population distributions. In addition, the 95% UCL for barium (94.6 mg/kg) was below the sediment BV. The ECORISK database provides toxicity information for all except the soil invertebrate receptor for barium (LANL 1998, RPF Record Package 186 [December 1999 version]). The barium ESLs were similar to, or less than, the 95% UCL for all receptors, except the vagrant shrew, deer mouse, and insectivorous robin. The 95% UCL (94.6 mg/kg) for barium is approximately 2–4 times greater than the ESLs for these receptors, resulting in HQs of 4.1, 2.3, and 1.1 respectively. Based on the infrequent detection of barium above the sediment BV, the relatively low HQs (4.1 or less), and the similarity of the 95% UCL to

sediment background, barium does not pose a potential risk to ecological receptors. Based on this information, barium is not retained as a COPEC for SWMU 0-030(g).

Cadmium. Cadmium was detected above the sediment BV (0.4 mg/kg) in 2 samples from 2 locations along the drainage channel, at depths of approximately 6 to 12 in. (Table 2.3-9). The elevated cadmium concentrations (0.57 mg/kg and 0.84 mg/kg) were approximately twice the sediment BV or less. All other sampling locations in the drainage channel had cadmium concentrations below the sediment BV. The infrequent detection of cadmium above the sediment BV indicates that the elevated cadmium is localized relative to receptor population distributions. In addition, the 95% UCL for cadmium (0.32 mg/kg) was below the sediment BV. The ECORISK database provides toxicity information for all receptors for cadmium (LANL 1998, RPF Record Package 186 [December 1999 version]). The final cadmium ESL (1.0 mg/kg) is greater than the 95% UCL (0.3 mg/kg). Therefore, because cadmium was detected at a level similar to background along the drainage channel, and the HQs were less than 1.0 for all receptors, it does not pose a potential risk to ecological receptors. Cadmium is not retained as a COPEC for SWMU 0-030(g).

Hexavalent chromium. Hexavalent chromium was detected in 1 sample within the drainage channel, at a depth of approximately 8 to 16 in. (Table 2.3-10). There is no sediment background value for hexavalent chromium. The ECORISK database provides toxicity information for all receptors for hexavalent chromium (LANL 1998, RPF Record Package 186 [December 1999 version]). The hexavalent chromium ESLs for all receptors were greater than the maximum detected concentration (0.14 mg/kg). Therefore, hexavalent chromium does not pose a potential risk to ecological receptors and is not retained as a COPEC for SWMU 0-030(g).

Cobalt. Cobalt was detected above the sediment BV (4.73 mg/kg) in 4 samples from 3 locations along the drainage channel, at depths of approximately 0 to 1 ft (Tables 2.3-9 and 2.3-10). The infrequent detection of cobalt above the sediment BV indicates that the elevated cobalt is localized relative to receptor population distributions. In addition, the 95% UCL for cobalt (4.0 mg/kg) was below the sediment BV. The ECORISK database provides toxicity information for all except the soil invertebrate receptor for cobalt (LANL 1998, RPF Record Package 186 [December 1999 version]). The cobalt ESLs for all receptors except the gray fox and the kestrel with the 100% meat diet were equivalent to, or less than, the sediment BV, with HQs for cobalt ranging from 0.05 to 7.8. Because cobalt had relatively low HQs and was detected at a level similar to background along the drainage channel, it does not pose a potential risk to ecological receptors. Therefore, cobalt is not retained as a COPEC for SWMU 0-030(g).

Copper. Copper was detected above the sediment BV (11.2 mg/kg) in 8 samples from 4 locations along the drainage channel, at depths of 0 to 16 in. (Tables 2.3-9 and 2.3-10). The elevated copper concentrations ranged from 12.5 mg/kg to 37.5 mg/kg, or up to approximately three and one-half times the sediment BV. The ECORISK database provides toxicity information for all receptors for copper (LANL 1998, RPF Record Package 186 [December 1999 version]). The copper ESLs were greater than the 95% UCL (18 mg/kg) for all receptors, except the soil-dwelling invertebrate, which was slightly less than the 95% UCL. The resulting HQs were equivalent to, or less than, 1.0, indicating that copper does not pose a potential risk to ecological receptors. Therefore, copper is not retained as a COPEC for SWMU 0-030(g).

Lead. Lead was detected above the sediment BV (19.7 mg/kg) in 14 samples from 7 locations along the drainage channel, at depths of 0 to 2 ft. (Tables 2.3-9 and 2.3-10). The elevated lead concentrations ranged from 21.7 mg/kg to 96.4 mg/kg, or up to approximately five times the sediment BV. The ECORISK database provides toxicity information for all receptors for lead (LANL 1998, RPF Record Package 186 [December 1999 version]). The lead ESLs were greater than the 95% UCL (49.1 mg/kg) for all receptors, except for the plant. This ESL was equivalent to the sediment BV and approximately one-half the 95% UCL, resulting in an HQ of 2.5. Despite the frequent detection of lead along the drainage channel, the

distribution of receptor populations across the area relative to the drainage channel makes exposure to lead minimal. Therefore, because of the low HQs (2.5 or less) and the dynamic nature of receptor populations, lead does not pose a potential risk to ecological receptors. Based on this information, lead is not retained as a COPEC for SWMU 0-030(g).

Mercury. Mercury was detected above the sediment BV (0.1 mg/kg) in 14 samples from 8 locations along the drainage channel, at depths of approximately 0 to 16 in. (Tables 2.3-9 and 2.3-10). The 95% UCL (0.51 mg/kg) is approximately five times the sediment BV, but only elevated by 0.4 mg/kg. The ECORISK database provides toxicity information for all receptors for mercury (LANL 1998, RPF Record Package 186 [December 1999 version]). The mercury ESLs were greater than the 95% UCL for all receptors, except the soil-dwelling invertebrate, resulting in HQs of less than 1.0. The ESL for the soil-dwelling invertebrate, represented by the earthworm, is 0.05 mg/kg, which is 50% of the sediment BV, and results in an HQ of 10.2. Because mercury is not greatly elevated above sediment background and the HQs for all except the earthworm are less than 1.0, mercury does not pose a significant potential for adverse impact to the ecology of the area. Based on this information, mercury is not retained as a COPEC for SWMU 0-030(g).

Selenium. Selenium was detected above the sediment BV (0.3 mg/kg) in 9 samples from 7 locations along the drainage channel, at depths of approximately 0 to 2.5 ft. (Table 2.3-9). Several samples collected by the NMED/DOE OB from approximately the same locations had elevated sample detection limits (2.0 mg/kg) above the sediment BV. The 95% UCL using both detected and undetected values is 1.3 mg/kg, which is approximately four times the sediment BV. If only the detected concentrations of selenium are used, the 95% UCL is 0.7 mg/kg or approximately twice background. This is a more representative concentration of the levels of selenium present in the drainage channel because of the elevated detection limits, which results in a overestimate of the 95% UCL for selenium. The ECORISK database provides toxicity information for all receptors for selenium (LANL 1998, RPF Record Package 186 [December 1999 version]). The selenium ESLs for all receptors are greater than the sediment BV and, except for the plant and the vagrant shrew, are equivalent to, or greater than, the original 95% UCL. If the adjusted 95% UCL is used in the comparison, the ESLs for all receptors are equivalent to, or greater than, this value, which results in HQs of 1.0 or less. Because of the relatively low HQs using either 95% UCL, and because of the similarity of the adjusted 95% UCL to sediment background, selenium does not pose a potential risk to ecological receptors. Based on this information, selenium is not retained as a COPEC for SWMU 0-030(g).

Silver. Silver was detected above the sediment BV (1.0 mg/kg) in 2 samples from 2 locations along the drainage channel, at depths of approximately 0 to 8 in. (Tables 2.3-9 and 2.3-10). The elevated silver concentrations (2.9 mg/kg and 1.1 mg/kg) were approximately three times the sediment BV and equivalent to the sediment BV. All other sampling locations in the drainage channel had silver concentrations below the sediment BV. The infrequent detection of silver above the sediment BV indicates that the elevated silver is localized relative to receptor population distributions. In addition, the 95% UCL for silver (0.86 mg/kg) is below the sediment BV. The ECORISK database provides toxicity information for all receptors for silver except the soil invertebrate (LANL 1998, RPF Record Package 186 [December 1999 version]). The silver ESLs were greater than the sediment BV for all receptors, except the plant and herbivorous robin, and were equivalent to or less than the 95% UCL for all receptors, except the plant. The HQs ranged from 0.0002 to 4.3. Because silver had relatively low HQs (4.3 or less) and the exposure of receptor populations along the drainage channel to silver is similar to background, it does not pose a potential risk to ecological receptors. Therefore, silver is not retained as a COPEC for SWMU 0-030(g).

Thallium. Thallium was detected above the sediment BV (0.73 mg/kg) in 2 samples from 2 locations along the drainage channel, at depths of approximately 0 to 8 in. (Table 2.3-10). The infrequent detection of thallium above the sediment BV indicates that the elevated thallium is localized relative to receptor population distributions. Thallium also had elevated detection limits (0.79 mg/kg to 10 mg/kg) above the sediment BV in 5 of the NMED/DOE OB samples and 1 of the Laboratory samples. The elevated detection limits of 4 of the 5 NMED/DOE OB samples corresponded to detection limits below the sediment BV in samples collected by the Laboratory from approximately the same locations. The detected concentrations of thallium (4.1 mg/kg and 6.7 mg/kg) corresponded to Laboratory samples that reported thallium as undetected at less than 0.33 mg/kg and 0.79 mg/kg, respectively. Therefore, the 95% UCL (2.8 mg/kg) overestimates the exposure concentration of thallium along the drainage channel. If the elevated detection limits are removed from the exposure concentration calculations, a 95% UCL of 2.2 mg/kg is derived, which is approximately three times the sediment BV. The ECORISK database provides toxicity information for the plant and mammalian receptors for thallium (LANL 1998, RPF Record Package 186 [December 1999 version]). The thallium ESLs for the plant, deer mouse, and vagrant shrew are less than the sediment BV and less than the 95% UCL, which resulted in HQs of 28, 4.2, and 8.8, respectively. If the 95% UCL calculated without the elevated detection limits is used, these HQs become 22, 3.3, and 7.0, respectively. Because thallium is not greatly elevated above sediment background, it is infrequently detected above the sediment BV, and it results in relatively low HQs; thallium does not pose a significant potential risk to ecological receptors. Therefore, thallium is not retained as a COPEC for SWMU 0-030(g).

Zinc. Zinc was detected above the sediment BV (60.2 mg/kg) in 10 samples from 6 locations, at depths of approximately 0 to 2 ft (Tables 2.3-9 and 2.3-10). In general, sample data showed that zinc concentrations decreased to below background with depth. The elevated zinc concentrations ranged from 60.2 mg/kg to 840 mg/kg or up to an order of magnitude above the sediment BV. The highest zinc concentration was reported in a sample from the base of the slope and returned to below the sediment BV in the next sample down the drainage channel, approximately 50 ft away. The 95% UCL for zinc is 185 mg/kg, or approximately three times the sediment BV. If the highest zinc concentration (840 mg/kg) is not included in the calculation of the 95% UCL, the value becomes 69 mg/kg. This adjusted 95% UCL is similar to sediment background. The ECORISK database provides toxicity information for all receptors for zinc (LANL 1998, RPF Record Package 186 [December 1999 version]). The zinc ESLs were greater than the 95% UCL, except for the plant, the soil-dwelling invertebrate, and the robin (insectivorous, omnivorous, and herbivorous), resulting in HQs of 18.2, 2.2, 1.9, 4.5, and 7.4, respectively, for those receptors. The receptors with the highest HQs (plant and robin) also had ESLs below the sediment BV. The HQs using the adjusted 95% UCL are reduced to 6.9, 0.8, 1.7, and 2.8, respectively. Despite the frequent detection of zinc along the drainage channel, the distribution of receptor populations across the area relative to the drainage channel makes exposure to zinc minimal. Therefore, because of the relatively low HQs (6.9–18.2 or less), and because of the dynamic nature of receptor populations, zinc does not pose a potential risk to ecological receptors. Based on this information, zinc is not retained as a COPEC for SWMU 0-030(g).

Aroclor-1254. Aroclor-1254 was detected in the sediment along the drainage channel in 14 samples near the surface (Table 2.3-23). The detected concentrations were reported in the upper portion of the drainage channel, from below the outfall to approximately one-third of the way down the channel to location 00-3731. It was not detected in the middle and lower portions of the drainage channel, including the catchment area, so the extent of contamination was determined for aroclor-1254. The limited extent and low level of detected concentrations (1.1 mg/kg or less) of aroclor-1254 indicate that the contamination is localized relative to receptor population distributions. The ECORISK database provides toxicity information for all receptors, except for the plant and soil invertebrate receptors, for aroclor-1254 (LANL 1998, RPF Record Package 186 [December 1999 version]). The aroclor-1254 ESLs were greater than the 95% UCL for the deer mouse, vagrant shrew, insectivorous robin, and the omnivorous robin,

resulting in HQs of 1.6 to 3.4. The low-level detections of aroclor-1254 and the relatively low HQs (3.4 or less) indicate that aroclor-1254 does not pose a potential risk to ecological receptors. Based on this information, aroclor-1254 is not retained as a COPEC for SWMU 0-030(g).

Aroclor-1260. Aroclor-1260 was detected in the sediment along the SWMU 0-030(g) drainage channel in 2 samples from 2 locations, near the surface (Table 2.3-23). The detected concentrations were reported at the head of the drainage channel on the slope below the outfall (0.71 mg/kg) and at the end of the drainage channel in the sediment deposition area (0.023 mg/kg). The concentration of aroclor-1260 decreased by an order of magnitude from the head of the drainage channel to the end. The infrequent detection and low-level of detection of aroclor-1260 indicate that the elevated aroclor-1260 is localized relative to receptor population distributions. The ECORISK database provides toxicity information for all receptors, except the plant and soil invertebrate receptors, for aroclor-1260 (LANL 1998, RPF Record Package 186 [December 1999 version]). The aroclor-1260 ESLs were less than the 95% UCL for the deer mouse, the vagrant shrew, the insectivorous robin, and the omnivorous robin, resulting in HQs of 1.3 to 3.8 for these receptors. The infrequent and low-level detections of aroclor-1260, plus the relatively low HQs (3.8 or less), indicated that aroclor-1260 does not pose a potential risk to ecological receptors. Based on this information, aroclor-1260 is not retained as a COPEC for SWMU 0-030(g).

4,4'-DDE. 4,4'-DDE was detected in 5 sediment samples from 5 locations along the drainage channel, at depths of approximately 0 to 16 in. (Table 2.3-23). The 95 % UCL for 4,4'-DDE along the drainage channel is 0.018 mg/kg. The ECORISK database provides toxicity information for all receptors, except the plant and soil invertebrate, for 4,4'-DDE (LANL 1998, RPF Record Package 186 [December 1999 version]). The 4,4'-DDE ESLs were greater than the 95% UCLs for all receptors, resulting in HQs less than 1.0, except for the robin (insectivorous and omnivorous) and the kestrel (omnivorous and carnivorous). These receptors had HQs of 3.5 to 10. These HQs indicate that 4,4'-DDE does not pose a potential risk to either the robin or kestrel because of the distribution of receptor populations across the area relative to the drainage channel. 4,4'-DDE also does not pose a potential risk to the Mexican spotted owl, based on the relatively low HQ (10) for the carnivorous kestrel. Based on the low frequency of detection, the dynamic nature of receptor populations, and the relatively low HQs (10 or less), 4,4'-DDE does not pose a significant potential risk to ecological receptors. Therefore, 4,4'-DDE is not retained as a COPEC for SWMU 0-030(g).

4,4'-DDT. 4,4'-DDT was detected in 16 sediment samples from 9 locations along the drainage channel, at depths of approximately 0 to 2.5 ft. (Tables 2.3-23 and 2.3-24). The 95 % UCL for 4,4'-DDT is 0.068. The ECORISK database provides toxicity information for all except the plant and soil invertebrate receptors for 4,4'-DDT (LANL 1998, RPF Record Package 186 [December 1999 version]). The 4,4'-DDT ESLs were greater than the 95% UCL for all receptors, resulting in HQs less than 1.0, except for the robin (insectivorous and omnivorous) and the kestrel (omnivorous and carnivorous). These receptors had HQs of 7.4 to 24.3. These HQs indicate that 4,4'-DDT does not pose a potential risk to either the robin or kestrel because of the distribution of receptor populations across the area relative to the drainage channel. 4,4'-DDT also does not pose a potential risk to the Mexican spotted owl, based on the relatively low HQ (16.2) for the carnivorous kestrel. Based on the low frequency of detection, the dynamic nature of receptor populations, and the relatively low HQs (24.3 or less), 4,4'-DDT does not pose a significant potential risk to ecological receptors. Therefore, 4,4'-DDT is not retained as a COPEC for SWMU 0-030(g).

Dieldrin. Dieldrin was detected in 2 sediment samples from 2 locations along the drainage channel, near the surface (Table 2.3-23). The detected concentrations (0.044 mg/kg and 0.008 mg/kg) were reported at the head of the drainage channel on the slope below the outfall and were not detected elsewhere along the drainage channel. The infrequent and low-level detection of dieldrin indicates that the elevated levels

are localized relative to receptor population distributions. The 95% UCL for dieldrin along the drainage channel is 0.027 mg/kg. The ECORISK database provides toxicity information for all receptors, except the soil-dwelling invertebrate, for dieldrin (LANL 1998, RPF Record Package 186 [December 1999 version]). The dieldrin ESLs were greater than the 95% UCL for all receptors, resulting in HQs less than 1.0. Dieldrin also does not pose a potential risk to the Mexican spotted owl, based on the low HQ (0.01) for the carnivorous kestrel. Based on the low frequency of detection, the dynamic nature of receptor populations, and the low HQs (<1.0), dieldrin does not pose a potential risk to ecological receptors. Therefore, dieldrin is not retained as a COPEC for SWMU 0-030(g).

Endrin aldehyde. Endrin aldehyde was detected in 1 sediment sample from 1 location along the drainage channel, near the surface (Table 2.3-23). The detected concentration (0.009 mg/kg) was reported at the head of the drainage channel on the slope below the outfall and was not detected elsewhere along the drainage channel. The infrequent and low level detection of endrin aldehyde indicates that the elevated concentrations are localized relative to receptor population distributions. The 95% UCL for endrin aldehyde along the drainage channel is 0.016 mg/kg. The ECORISK database does not provide toxicity information for endrin aldehyde but does provide information for endrin, which is the parent compound. The database has toxicity information for all receptors, except the soil-dwelling invertebrate, for endrin (LANL 1998, RPF Record Package 186 [December 1999 version]). The endrin aldehyde ESLs were greater than the 95% UCL for all receptors, resulting in HQs less than 1.0, except for the plant and the insectivorous robin. These receptors had HQs of 2.6 and 1.3, respectively. These HQs indicate that endrin aldehyde does not pose a potential risk to either the plant or robin because of the distribution of receptor populations across the area relative to the drainage channel. Endrin aldehyde also does not pose a potential risk to the Mexican spotted owl, based on the low HQ (0.03) for the carnivorous kestrel. Based on the low frequency of detection, the dynamic nature of receptor populations, and the low HQs (2.6 or less), endrin aldehyde does not pose a potential risk to ecological receptors. Therefore, endrin aldehyde is not retained as a COPEC for SWMU 0-030(g).

Endrin ketone. Endrin ketone was detected in 2 sediment samples from 2 locations along the drainage channel, at depths of approximately 0 to 2 ft (Table 2.3-23). The detected concentrations (0.033 mg/kg and 0.007 mg/kg) were reported along the drainage channel and decreased to below detection at the end of the channel. The infrequent and low-level detection of endrin ketone indicates that the elevated levels are localized relative to receptor population distributions. The 95% UCL for endrin ketone along the drainage channel is 0.023 mg/kg. The ECORISK database does not provide toxicity information for endrin ketone but does provide information for endrin, which is the parent compound. The database has toxicity information for all receptors, except the soil-dwelling invertebrate, for endrin (LANL 1998, RPF Record Package 186 [December 1999 version]). The endrin ketone ESLs were greater than the 95% UCL for all receptors resulting in HQs less than 1.0, except for the plant and the insectivorous robin. These receptors had HQs of 6.7 and 1.9, respectively. These HQs indicate that endrin ketone does not pose a potential risk to either the plant or robin because of the distribution of receptor populations across the area relative to the drainage channel. Endrin ketone also does not pose a potential risk to the Mexican spotted owl, based on the low HQ (0.04) for the carnivorous kestrel. Based on the low frequency of detection, the dynamic nature of receptor populations, and the relatively low HQs (6.7 or less), endrin ketone does not pose a potential risk to ecological receptors. Therefore, endrin ketone is not retained as a COPEC for SWMU 0-030(g).

Plutonium-239. Plutonium-239 was detected above the sediment BV (0.068 pCi/g) along the entire length of the drainage channel in 28 samples, at depths of approximately 0 to 2.5 ft (Tables 2.3-16 and 2.3-17). The 95% UCL for plutonium-239 is 23.1 pCi/g. The ECORISK database provides toxicity information for all receptors for plutonium-239 (LANL 1998, RPF Record Package 186 [December 1999 version]). The plutonium-239 ESLs were greater than the 95% UCL for all receptors resulting in HQs less

than 1.0, except for the soil-dwelling invertebrate. This receptor had a HQ of 1.4. The HQs indicate that plutonium-239 does not pose a significant potential risk to receptors. Therefore, plutonium-239 is not retained as a COPEC for SWMU 0-030(g).

Uranium-234. Uranium-234 was detected above the sediment BV (2.59 pCi/g) in 7 samples from 4 locations, at depths of approximately 0 to 16 in. (Tables 2.3-16 and 2.3-17). The 95% UCL for uranium-234 is 9.4 pCi/g. The ECORISK database provides toxicity information for all receptors for uranium-234 (LANL 1998, RPF Record Package 186 [December 1999 version]). The uranium-234 ESLs were greater than the 95% UCL for all receptors, resulting in HQs less than 1.0. The HQs indicate that uranium-234 does not pose a potential risk to receptors. Therefore, uranium-234 is not retained as a COPEC for SWMU 0-030(g).

(d) Interpretation

Because of the previously mentioned uncertainties related to the toxicity values used to derive the ESLs, as well as the conservative assumptions used in the calculations, the ESLs probably overestimate the potential risk of a COPEC to a given receptor. As a result, the HQs and HIs calculated based on the ESLs are also overestimates of the potential risk. The HI analysis presented in Table 2.4-9 further assumes that each receptor is exposed to all COPECs at a particular concentration all of the time. However, this is not true as indicated by the frequencies of detected concentrations for each COPEC above BV or detection limits (DLs) and the final ESLs (Table 2.4-8). Many of the COPECs were detected or detected above background in less than 20% of the samples and approximately three-quarters of the COPECs were detected or detected above background in less than 50% of the samples collected along the drainage channel. The exceptions to this are lead, mercury, selenium, zinc, alpha-chlordane, and gamma-chlordane, which were detected or detected above background in 53 to 74% of the drainage channel samples, and plutonium-239 and 4,4'-DDT, which were detected or detected above background in all or nearly all of the drainage channel samples. In addition, only a small portion of Acid Canyon was affected by the discharge from the septic tank outfall at SWMU 0-030(g). The tract of land within the drainage channel is approximately 0.7 acres (600 ft long by 15–50 ft wide), while the canyon encompasses several hundred acres. Therefore, the exposure of receptor populations to contaminants is infrequent and probably not prolonged.

Furthermore, as discussed in the uncertainty section, a number of inorganic chemicals (antimony, barium, cadmium, chromium, cobalt, selenium, and silver) are not COPECs because the 95% UCLs were similar to or less than BVs. The other detected inorganic COPECs had 95% UCLs that were not greatly elevated above their respective sediment BVs (i.e., within a factor of three or less for all except thallium and mercury, which were within a factor of four and five, respectively). The detected concentrations of organic COPECs were also low (i.e., less than 1.0 mg/kg for all except aroclor-1254 and toxaphene, which were 1.1 mg/kg and 1.5 mg/kg, respectively) within the drainage channel. Only plutonium-239 and uranium-234 were detected above any of their minimum ESLs, but the 95% UCLs for these radionuclides were equivalent to, or less than, these values.

As illustrated in Table 2.4-9, the HQ values calculated for each COPEC and receptor combination were less than 10, except for 4,4'-DDT (for three receptors) and except for arsenic, mercury, thallium, and zinc (for one receptor each). The HIs ranged from 0.9 to 54.6 for the invertebrate, avian, and mammalian receptors, thereby indicating that there is little or no potential for adverse impacts to ecological receptors. The plant HI was 70, which may indicate some potential for adverse impacts. However, the drainage and stream channel areas are characterized by a healthy and lush vegetative community as described in the scoping section of this assessment and in the scoping checklist (Appendix F). The canyon has a variety of terrestrial receptors and is characterized by a mixed conifer community dominated by ponderosa pine,

Douglas fir, juniper, bearberry and gambel oak, and grasses (Biggs 1996, 62928). Therefore, no adverse effects on the ecological receptors in Acid Canyon are apparent from activities at this SWMU.

The inorganic, organic, and radionuclide COPECs remaining in the sediment along the drainage channel from SWMU 0-030(g) were eliminated because they pose little potential for adverse effects on ecological receptors. This is based on the following characteristics of the drainage channel data and the ecological screening assessment:

- the abundant and ecologically healthy habitat found in Acid Canyon,
- the infrequent detection of most COPECs along the drainage channel,
- the broad distribution of receptor populations in Acid Canyon in relation to the area of contamination (the drainage channel),
- the conservative nature of the ESLs,
- the similarity of exposure concentrations to background concentrations for the inorganic chemicals, and
- the relatively low HQs/HIs for each receptor and COPEC.

2.4.3 Other Applicable Assessments

The surface water assessment is summarized in section 2.4.3.1, and the documentation is provided in Appendix B, section B-4.1. No groundwater or underground storage tank assessments were conducted for this site.

2.4.3.1 Surface Water

The Laboratory's ER Project has developed a procedure for assessing sediment transport and erosion concerns at individual SWMUs. It provides a basis for prioritizing and scheduling action to control erosion of potentially contaminated soils at specific SWMUs. The procedure is a two-part evaluation. Part A is a compilation of existing SWMU analytical data, site maps, and knowledge-of-process information. Part B is an assessment of the erosion/sediment transport potential at the SWMU. Erosion potential is numerically rated from 1 to 100 using a matrix system.

SWMUs that score greater than 60 have a high erosion potential. However, SWMU 0-030(g) had a score of 47.2, indicating a moderate erosion potential. The surface water assessment was conducted on October 16, 1998. The calculated erosion matrix score includes 23.5 for site setting, a runoff score of 16.7, and a run-on score of 7.0. The surface water assessment document is included in Appendix B, section B-4.1. The assessment states that there was no debris in the watercourse. The septic system outfall had discharged at the mesa edge and there is evidence of discharge into a natural drainage channel below the site. Sediments within the drainage channel are being deposited in a variety of locations. Runoff appears to terminate in a depression area located south of an unmaintained access road near the canyon bottom. The road acts as a dam that prevents most runoff from entering into the canyon located approximately 50 ft north of the road. No visible erosion is apparent. There are no man-made or other natural hydraulic structures or features that might affect the site hydrology. Therefore, the results of the assessment indicate a medium potential for contaminant transport from the SWMU via surface water or sediment.

2.4.3.2 Groundwater

No groundwater assessment was conducted for SWMU 0-030(g) because this site does not present a potential pathway for contaminant release to groundwater due to the great depth to the regional aquifer and the relatively insoluble nature of the COPCs (see Appendix F).

2.4.3.3 Underground Storage Tanks

An underground storage tank assessment was not conducted for SWMU 0-030(g) because it was not applicable.

2.4.3.4 Other

No other assessments were conducted.

2.5 Conclusions and Recommendations

SWMU 0-030(g) has been investigated by the ER Project in numerous sampling campaigns over the last several years, most recently in partnership with NMED/DOE OB. The series of investigations included the removal of the septic tank and drainlines as well as collection of confirmatory and characterization samples from beneath these structures (mesa-top samples) and along the drainage channel leading from the outfall into Acid Canyon. The RFI conducted within this area has identified several COPCs, including inorganic chemicals, radionuclides, and organic chemicals. Based on the sample data from the mesa top and the drainage channel areas associated with the SWMU, the nature of the contamination and the extent of the contamination have been well defined. The sampling data have shown that the majority of the contamination has migrated into the SWMU 0-030(g) drainage channel and that the transport of material past the unmaintained service road in the bottom of Acid Canyon into the stream channel is minimal. Samples collected from the drainage channel leading into the canyon detected more COPCs than on the mesa top, which supports the conceptual site model for this SWMU. The data further indicated that there was little or no contribution of contaminants from this SWMU to the stream channel in Acid Canyon and that contributions from upcanyon sources to the stream channel were the major contributors.

The COPCs retained by the data review process were assessed for their potential to pose an unacceptable risk to human and ecological receptors. The human-health screening assessment found that chromium and antimony exceeded their respective SAL or 0.1 SAL on the mesa top, but did not pose an unacceptable risk to human health. Lead, thallium, aroclor-1254, arsenic, dieldrin, toxaphene, plutonium-239, and uranium-234 exceeded their respective SALs or 0.1 SALs in the drainage channel and were further evaluated to determine if they posed a potential risk to receptors. Because the screening assessment is based on a residential exposure scenario, which is unlikely under current and future land use, the COPCs were subsequently evaluated using a recreational scenario. This scenario is more representative of current and future land use, especially since the area has been designated a wilderness area by Los Alamos County. This assessment found that the contaminants in the drainage channel do not pose the potential for unacceptable hazard, risk, or dose to an adult or child recreational user.

The ecological screening assessment of the SWMU 0-030(g) drainage channel identified several inorganic, radionuclide, and organic COPECs based on comparisons with minimum ESLs. The COPECs remaining in the sediment along the drainage channel were eliminated because they do not pose a significant potential for adverse effects on ecological receptors. This is based on the following characteristics of the drainage channel data and the ecological screening assessment:

- the abundant and ecologically healthy habitat found along the drainage channel in Acid Canyon,
- the infrequent detection of COPECs along the drainage channel,
- the broad distribution of receptor populations in Acid Canyon in relation to the area of contamination (the drainage channel),
- the conservative nature of the ESLs,
- the similarity of exposure concentrations to background concentrations for the inorganic chemicals, and
- the relatively low HQs/HIs for each receptor and COPEC.

As a result of the RFI conducted at SWMU 0-030(g), this SWMU is recommended for NFA based on Criterion 5. This criterion states that the SWMU has been characterized or remediated in accordance with current applicable state or federal regulations, and that the available data indicate that contaminants of concern are either not present or are present in concentrations that would pose an acceptable level of risk under the current and projected future land use (NMED 1998, 57897).

3.0 REFERENCES

The following list includes all of the documents cited in the body and appendixes of this report. The parenthetical information following each reference provides the author, publication date, and ER ID number. This information is also included in the citations in the text. This information can be used to locate documents on this list.

The ER ID number is a number assigned by the Laboratory's ER Project to track material associated with Laboratory SWMUs. This number can be used to locate the actual document at the ER Project's Records Processing Facility (RPF). All cited documents are assigned ER ID numbers.

With some exceptions, the cited documents can be found in the Laboratory's ER Project Reference Library, which is housed at NMED, HWB, DOE, and the ER Project Office. This library is a living document that was developed to ensure that the AA has all of the necessary material to review the decisions and actions proposed in documents submitted by the Laboratory's ER Project. Documents previously submitted to the AA and documents that are specific to this report are not included in the Reference Library. Documents that are specific to this report are attached to Appendix G.

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Appendix A

Acronyms and Glossary

A-1.0 LIST OF ACRONYMS

AA	Administrative Authority
AOC	Area of concern
ATSR	Agency for Toxic Substances and Disease Registry
BCF	Bioconcentration factor
bgs	Below ground surface
BRET	Biological resource evaluation team
BV	Background value
COPC	Chemical of potential concern
COPEC	Chemical of potential ecological concern
CPM	Counts per minute
CRDL	Contract-required detection limit
CVAA	Cold vapor atomic absorption
DL	Detection limit
DOE	US Department of Energy
ECSM	Ecological conceptual site model
EPA	US Environmental Protection Agency
EQL	Estimated quantitation limit
ER	Environmental restoration
ESL	Ecological screening level
ESH	Environment, safety, and health
ETVAA	Electrothermal vapor atomic absorption
FIMAD	Facility Information, Management, Analysis, and Display
GFAA	Graphite furnace atomic absorption
GIS	Geographical information system
GPC	Gel permeation chromatography
GPR	Ground-penetrating radar
HI	Hazard index
HQ	Hazard quotient
HSWA	Hazardous and Solid Waste Amendments of 1984
HWB	Hazardous Waste Bureau
ICPES	Inductively coupled plasma emission spectroscopy
ICPMS	Inductively coupled plasma mass spectroscopy
ICR	Incremental (lifetime) cancer risk
IWP	Installation Work Plan (ER project)
KPA	Kinetic phosphorescence analysis
LANL	Los Alamos National Laboratory
LCS	Laboratory control sample
LOAEL	Lowest observed adverse effect level
LOEC	Lowest observed effect concentration
LOEL	Lowest observed effect level
MDA	Minimum detectable activity
MRAL	Mobile radiological analysis laboratory
MS	Matrix spike

MSD	Matrix spike duplicate
NEPA	National Environmental Policy Act
NFA	No further action
NFG	National Functional Guidelines
NMED	New Mexico Environment Department (New Mexico Environmental Improvement Division before 1991)
NOAEL	No observed adverse effect level
NOD	Notice of deficiency
NOEC	No observed effect concentration
NOEL	No observed effect level
OB	Oversight Bureau
OU	Operable Unit
PCB	Polychlorinated biphenyl
PRS	Potential release site
QA	Quality assurance
QC	Quality control
RCRA	Resource Conservation and Recovery Act
RESRAD	Residual radioactive material (computer code)
RFI	RCRA facility investigation
RPF	Records processing facility
RSI	Request for supplemental information
SAL	Screening action level
SAP	Sampling and analysis plan
SOP	Standard operating procedure
SOW	Statement of work
SVOC	Semivolatile organic compound
SWMU	Solid waste management unit
T&E	Threatened and endangered
TA	Technical area
TAL	Target analyte list (EPA)
TCLP	Toxicity characteristic leaching procedure
TPU	Total propagated uncertainty
UCL	Upper confidence limit
UTL	Upper tolerance limit
VCP	Vitrified clay pipe
VOC	Volatile organic compound

A-2.0 GLOSSARY

Absorption—The penetration of substances into the bulk of a solid or liquid.

Action level—Health- and environmental-based concentrations derived using *chemical*-specific toxicity information and standardized exposure assumptions. Action levels can be developed on a facility-specific basis or can be taken from standardized lists (61 Federal Register 19446). Contamination found in a particular *medium* below an appropriate action level would not generally be subject to *remediation* or further study.

Alluvial—Relating to geologic deposits or features formed by running water.

Alpha radiation—*Radiation* composed of alpha particles emitted during the *radioactive decay* of certain nuclides. The least penetrating of the three common types of *radiation* (*alpha*, *beta*, and *gamma*), alpha radiation can be blocked easily (for example, by a sheet of paper or the outer layer of skin).

Analysis—Includes physical analysis, *chemical analysis*, and knowledge-of-process determinations. (Laboratory Hazardous Waste Facility Permit)

Analyte—The element, nuclide, or ion a *chemical analysis* seeks to identify and/or quantify; the *chemical* constituent of interest.

Analytical method—A body of procedures and techniques for systematically performing an activity.

Aquifer—Body of permeable geologic material whose saturated portion is capable of readily yielding *groundwater* to wells.

Area(s) of concern (AOC)—Areas at the Laboratory that might warrant further investigation for *releases* based on past facility waste-management activities.

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

Background screening value (BSV)—A threshold used to identify site *sample* results that may be greater than *background levels*.

Baseline risk assessment (also known as *risk assessment*)—A site-specific *analysis* of the potential adverse effects of *hazardous constituents* 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*.

Best management practices (BMPs)—For facilities that manufacture, use, store, or *discharge* toxic or hazardous pollutants as defined by the 1977 Clean Water Act, a required program to control the potential spill or *release* of those materials to surface waters. (*The Facts on File Dictionary of Environmental Science,* edited by L. Harold Stevenson and Bruce Wyman)

Beta radiation — Radioactive transformation of a nuclide in which the nucleus emits a beta particle (electron or positron). Beta radiation can be blocked by an inch of wood or by a thin sheet of aluminum.

Catchment—(1) A structure, such as a basin or reservoir, used for collecting or draining water. (2) The amount of water collected in such a structure. (3) A catching or collecting of water, especially rainwater.

Chemical—Any naturally occurring or man-made substance characterized by a definite molecular composition, including molecules that contain *radionuclides*.

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

Code of Federal Regulation (CFR)—A codification of all regulations developed by federal government agencies and finalized by publication in the *Federal Register*.

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

Conceptual model—See *site conceptual model*.

Confluence—Place where two or more streams meet; the point where a tributary meets the main stream.

Contaminant—Any *chemical* (including *radionuclides*) present in environmental *media* or on structural debris.

Curie — Unit of radioactivity defined as the quantity of any radioactive nuclide that has an activity of 3.7×10^{10} disintegrations per second (dps).

Data quality assessment—Statistical and scientific evaluation of a data set that establishes whether it is adequate for its intended use.

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.

Discharge—Accidental or intentional spilling, leaking, pumping, pouring, emitting, emptying, or dumping of *hazardous waste* into or on any land or water. (*RCRA*, 40 CFR 260.10)

Disposal—The discharge, deposit, injection, dumping, spilling, leaking, or placing of any *solid waste* or *hazardous waste* into or on any land or water so that such *solid waste* or *hazardous waste* or any constituent thereof may enter the environment or be emitted into the air or *discharged* into any waters, including *groundwaters*. (40 CFR Part 260.10)

DOE—See *US Department of Energy*

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.

Effluent—Liquid *discharged* as a waste, such as contaminated water from a factory or the outflow from a sewage works; water *discharged* from a storm sewer or from land after irrigation.

EPA—See *US Environmental Protection Agency*

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

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

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

Federal Register—The official daily publication for Rules, Proposed Rules, and Notices of federal agencies and organizations, as well as Executive Orders and other Presidential Documents.

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 index (HI)—The sum of *hazard quotients* for multiple *contaminants* to which a *receptor* (j) is determined to be exposed, i.e., $HI_j = \Sigma_i HQ_{ij}$.

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.

Hazardous waste—Any *solid waste* is generally a hazardous waste if it

- is not excluded from regulation as a hazardous waste,
- is listed in the regulations as a hazardous waste,
- exhibits any of the defined characteristics of hazardous waste (ignitability, corrosivity, reactivity, or toxicity), or
- is a mixture of *solid waste* and hazardous waste.

  See 40 CFR 261.3 for a complete definition of hazardous waste.

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

Inductively coupled plasma mass spectroscopy (ICPMS)—ICPMS is applicable to the determination of sub-µg/l concentrations of a large number of elements in water *samples* and in waste extracts or digests. When dissolved constituents are required, *samples* must be filtered and acid preserved before *analysis*. No digestion is required before *analysis* for dissolved elements in water *samples*. The method measures ions produced by a radio-frequency inductively coupled plasma. *Analyte* species originating in a liquid are nebulized, and the resulting aerosol *transported* by argon gas into the plasma torch. The ions

produced are entrained in the plasma gas and introduced, by means of an interface, into a mass spectrometer. The ions produced in the plasma are sorted according to their mass-to-change ratios and quantified with a channel electron multiplier.

Industrial-use scenario—Industrial use is the scenario in which current Laboratory operations continue. Any necessary *remediation* involves cleanup to standards designed to ensure a safe and healthy work environment for Laboratory workers.

Infiltration—Entry of water into the ground.

Intermittent stream—A stream that flows only in certain reaches due to losing and gaining characteristics of the channel bed.

LANL data validation qualifiers—The data qualifiers defined by the Laboratory (LANL) and used in the ER Project baseline-validation process. For a complete list of data qualifiers applicable to any particular analytical suite, consult the appropriate ER Project *standard operating procedure* (ER-SOPs 15.01–15.06).

LANL data validation reason codes—The codes applied to the sample data by *data validators* who are independent of the contract laboratory which performed the *sample analysis*. Reason codes provide an in-depth and *analysis*-specific explanation for applying the qualifier with some description of the potential impact on the data use. For a complete list of data qualifiers applicable to any particular analytical suite, consult the appropriate ER Project *standard operating procedure* (ER-SOPs 15.01–15.06).

Matrix (see also *sample matrix*)—Relatively fine material in which coarser fragments or crystals are embedded; also called "ground mass" in the case of igneous rocks.

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*.

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

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*.

Migration—The movement of inorganic and organic species through unsaturated or saturated materials.

Migration pathway—A route (e.g., a stream or subsurface flow path) that controls the potential movement of *contaminants* to environmental *receptors* (plants, animals, humans).

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).

Mixed waste—Waste that contains both *hazardous waste* (as defined by *RCRA*) and *radioactive waste* (as defined by the Atomic Energy Act [AEA] and its amendments).

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.

Notice of deficiency (NOD)—A notice issued to *DOE* and the Laboratory by the administrative authority which states that some aspect(s) of a plan, report, or application does not meet their requirements or that requires clarification or correction.

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

Outfall—The vent or end of a drain, pipe, sewer, ditch, or other conduit that carries wastewater, sewage, storm runoff or other *effluent* into a stream.

Perennial stream—A stream or reach that flows continuously throughout the year.

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.

Population (statistical)—A set of units or a continuum in a physical, biological, or social system of interest (e.g., the residents of Los Alamos County, the water in an *alluvial aquifer*, or the plants in Pajarito Canyon).

Potential release site (PRS)—Refers to potentially contaminated sites at the Laboratory that are identified either as *solid waste management units (SWMUs)* or *areas of concern* (AOCs). PRS refers to *SWMUs* and AOCs collectively.

Precision—A concept used to describe dispersion of measurements with respect to a measure of location or central tendency. Precision may be represented by the inverse of the standard deviation of a set of measurements.

Preliminary remediation goal (PRG)—Acceptable exposure levels, protective of human health and the environment, that are used as a *risk*-based tool for evaluating remedial alternatives.

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*.

Quality control sample—A *sample* which, upon *analysis*, is intended to provide information useful for adjusting, controlling, or verifying continuing acceptability of sampling and/or *analysis* activities that are in progress.

Radiation—Energy emitted in the form of rays or particles that are thrown off by disintegrating atoms. The rays or particles emitted may consist of neutrons, positrons, *alpha particles*, *beta particles*, or *gamma radiation*.

Radioactive waste — Waste that has been determined to contain added (or concentrated naturally occurring radioactive material [NORM]) radioactive material or activation products by either monitoring or *analysis*, acceptable knowledge of both, or **does not** meet radiological *release* criteria.

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.

Recreational-use scenario—A land use condition under which individuals may be exposed for a limited amount of time as a result of outdoor activities such as hiking, camping, hunting, and fishing.

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*).

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

Request for supplemental information (RSI)—A request issued to *DOE* and the Laboratory by the administrative authority which states that some aspect(s) of a plan or report does not meet their requirements. The ER Project must respond by providing additional information to address the identified issue or concern.

Residential-use scenario—The standards for residential use are the most stringent of the three current- and future-use scenarios being considered by the ER Project and is the level of cleanup the *EPA* is currently specifying for *SWMUs* located off the Laboratory site and for those released for non-Laboratory use.

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)

Retardation — The act or process that reduces the rate of movement of a *chemical* substance in water relative to the average velocity of the water. The movement of *chemical* substances in water can be retarded by *adsorption* and precipitation reactions, and by diffusion into the pore water of the rock *matrix*.

Risk—A measure of a negative or undesirable impact associated with an event.

Risk assessment—See *baseline risk assessment.*

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.

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 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—Any garbage; refuse; sludge from a waste *treatment* plant, water-supply *treatment* plant, or air-pollution-control facility; and other discarded material including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations and from community activities.

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.

Transport or transportation—The movement of a *hazardous waste* by air, rail, highway, or water. (40 CFR 260.10)

Treatment—Any method, technique, or process, including elementary neutralization, designed to change the physical, *chemical*, or biological character or composition of any *hazardous waste* so as to neutralize such waste; recover energy or material resources from the waste; or so as to render such waste nonhazardous or less hazardous; safer to *transport*, store, or dispose of; or amenable for recovery or storage; or reduced in volume.

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) stormwater 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.

Unsaturated zone—The zone between the land surface and the regional *water table* and between perched zones of saturation. Generally, fluid pressure in this zone is less than atmospheric pressure, and some of the voids may contain air or other gases at atmospheric pressure.

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

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

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

Appendix B

Operational and Environmental Setting

B-1.0 OPERATIONAL HISTORY AND LAND USE

SWMU 0-030(g) is a former septic system that was part of SWMU Group 0-3, which consists of 13 septic tanks installed in the 1940s. Most of the tanks remained in use until the central wastewater treatment plant (SWMU 0-019) was completed in late 1947. The 0-030(g) septic tank, referred to as Septic Tank #6 in the RFI work plan for OU 1071 (LANL 1992, 07667), was connected to TA-1, an area where some of the buildings of the original Laboratory site were located. However, because engineering drawings of the tank are incomplete, it is impossible to document the buildings it served. Some of the typical contaminants from this area were plutonium, uranium, and mercury. The septic tank and its drainlines were removed as part of an RFI conducted in 1995.

SWMU 0-030(g) is located north of Canyon Road and west of the intersection of Canyon Road and Central Avenue (Figure 2.2-1). The septic tank was located on the mesa top on private property, and the outfall was located on the mesa edge and canyon slope on Los Alamos County property. The canyon portion of the SWMU includes a small drainage channel that is a tributary of upper Acid Canyon. Acid Canyon is a narrow, one-half-mile-long tributary canyon to the much larger Pueblo Canyon. Pueblo Canyon stretches from Pajarito Mountain to the Rio Grande.

The current and anticipated future operations and land use for SWMU 0-030(g) are different for the mesa-top portion of the SWMU and the canyon portion. The mesa top is private property and is mostly beneath an asphalt-covered access driveway for a church that was converted to a private residence and is now vacant. Future residential development for this land is planned. The current owners of the land, Housing Solutions, has an approved building permit to construct 120 apartments on the land. The plans show that a parking lot will be located on top of the former location of Septic Tank #6 (Causey 2000, 66783). Plans may be viewed at the County of Los Alamos Community Development Office. The canyon portion is owned by the county of Los Alamos. The current use of this land is recreational and it is designated as protected wilderness. Therefore, it is unlikely that the canyon portion would be developed for commercial or residential purposes. The future and current land-use maps can be found in the 1995 update to the LANL Site Development Plan (LANL 1995, 57224).

B-2.0 CLIMATE

Los Alamos County has a semiarid, temperate mountain climate. Summer afternoon temperatures in Los Alamos County are typically in the 70s and 80s (°F), infrequently reaching 90°F, and nighttime temperatures are typically in the 50s. Typical winter temperatures are from 30 to 50°F in the daytime to 15 to 25°F at night, occasionally dropping to 0°F or below (Bowen 1990, 06899).

Annual precipitation (including both rain and snow) averages about 18 in. Recorded extremes in annual precipitation range from 6.8 to 30.3 in. An average of 40% of the annual precipitation falls during thunderstorms in July and August, often in brief, high-intensity rains. Daily rainfall extremes of 1 in. or greater occur in most years, and the estimated 100-year daily rainfall extreme is about 2.5 in. Snowfall is greatest from December through March, and heavy snowfall is infrequent in other months (Bowen 1990, 06899).

B-3.0 GEOLOGY

A detailed discussion of the geology of the entire Los Alamos area can be found in section 3.4 of task/site work plan for OU 1049, Los Alamos Canyon and Pueblo Canyon (LANL 1995, 50290).

B-3.1 Geologic Setting

The mesa surfaces surrounding SWMU 0-030(g) are immediately underlain by the Bandelier Tuff of Pleistocene age, which outcrops in a few places on the mesa surfaces and is exposed along the canyon walls. The Bandelier Tuff is comprised of two units: the Tshirege and Otowi members (Smith and Bailey 1966, 21584). The Tshirege Member is the uppermost unit and consists of multiple-flow units of crystal-rich ash-flow tuff and displays significant variations in welding and vapor phase alteration, both within a single stratigraphic section and at varying distances from the caldera. The Otowi Member of the Bandelier Tuff underlies the Tshirege Member and outcrops along canyon walls. The Otowi Member is a nonwelded, vitric ash-flow tuff composed of multiple-flow units. A generalized stratigraphic cross-section is shown in Figure B-3.1-1.

Beneath the Bandelier Tuff, a sequence of interstratified sedimentary and volcanic rocks of Miocene to Pleistocene age occur and outcrop on the margins of the Pajarito Plateau. Along the walls of the canyons below the Bandelier Tuff, Pliocene-Pleistocene andesite and latite volcanic rocks of the Tschicoma Formation crop out. The Tschicoma Formation consists of voluminous domes and flows of dacite and andesite that interfinger with sediments of the Puye Formation and are exposed in the upper canyons.

B-3.2 Soils

A large variety of soils have developed on the Pajarito Plateau as the result of climatic interactions with the underlying bedrock. Soils formed on the tops of mesas typically have loam or sandy loam surface horizons and clay or clay loam subsurface horizons. The mineral components of the soils are in large part derived from the Bandelier Tuff. Soils on the mesas can vary widely in thickness and are typically thinnest near the edges of the mesas where bedrock is often exposed. The slopes between the mesa tops and canyon bottoms often consist of steep rock outcrops and patches of shallow, undeveloped colluvial soils. South-facing canyon walls are typically steep and usually have little or no soil material or vegetation. The north-facing walls, such as 0-030(g), generally have areas of very shallow, dark-colored soils and are more heavily vegetated (Nyhan et al. 1978, 05702). Alluvium derived from the Pajarito Plateau and from the east side of the Jemez Mountains contributes to soils in the canyons. The alluvium varies in thickness and is underlain by either the Tshirege Member or the Otowi Member of the Bandelier Tuff or the Tschicoma Formation (Nyhan et al. 1978, 05702).

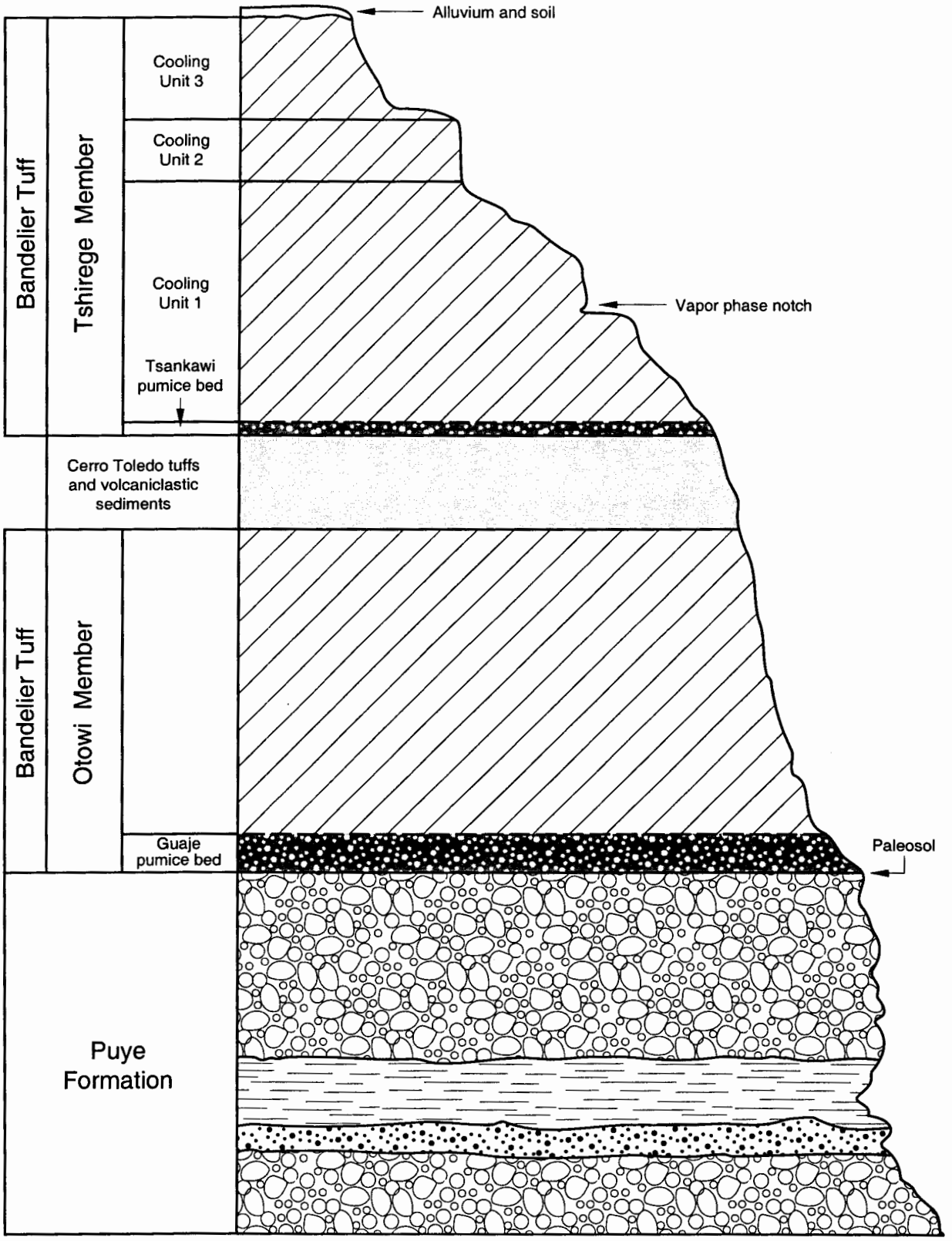


Figure B-3.1-1. A generalized stratigraphic cross-section

B-4.0 HYDROLOGY

B-4.1 Hydrological Conceptual Model

The hydrology of the mesa-top vadose zone (which is formed in the Bandelier Tuff) does not bear water, except in very shallow and localized areas. The low moisture content and extensive thickness of the unsaturated zone (up to 1100 ft of unsaturated volcanic tuff and sediments of the Bandelier and Puye Formations and Cerros del Rio Basalts) minimize the potential for downward movement of water through the Bandelier Tuff and on to the main aquifer.

B-4.2 Surface Water

Surface water flow provides the primary mechanism for redistributing and transporting contaminants that remain from early laboratory operations and discharges from operating facilities. Surface water flow in the drainage directly below SWMU 0-030(g) and in Acid Canyon occurs only as ephemeral runoff from precipitation and snowmelt (LANL 1995, 50290). Neither Acid Canyon nor Pueblo Canyon, into which Acid Canyon flows, have springs or other sources of perennial or intermittent flow.

B-4.2.1 LANL-ER-SOP 2.01 Assessment

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.

The Laboratory's ER Project has developed SOP 2.01 to assess sediment transport and erosion concerns at specific SWMUs. SOP 2.01 provides a basis for prioritizing and scheduling actions to control erosion of potentially contaminated soils at specific SWMUs. The procedure is a two-part evaluation. Part A is a compilation of existing SWMU analytical data, site maps, and knowledge-of-process information. Part A of this assessment is initiated and completed by the Laboratory ER Project. Part B is an assessment of the erosion/sediment transport potential at the SWMU. Part B is completed by the Laboratory's Water Quality and Hydrology Group (ESH-18), a Surface Water Assessment Team comprised of representatives from the ER Project, ESH-18, the Laboratory's Facility Management Group (FSS-7), and the DOE. Erosion potential is numerically rated from 1 to 100 using a matrix system. SWMUs that score below 40 have low erosion potentials; those that score from 40 to 60 have medium erosion potentials; and those that score above 60 have high erosion potentials. The erosion matrix score for SWMU 0-030(g) is 47.2, indicative of medium erosion potential. Although this assessment was conducted before the Cerro Grande wildfire of 2000, the fire did not burn the site and the assessment accurately reflects the current state of the site. The 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 the SWMU addressed in this RFI report is attached to the end of this appendix.

B-4.3 Groundwater

Sections B-4.3.1 through B-4.3.4 discuss the alluvial waters, perched aquifers, regional aquifer, and vadose zone in the vicinity of SWMU 0-030(g).

B-4.3.1 Alluvial Waters

Natural ephemeral flow in Acid Canyon and the upper portion of Pueblo Canyon exists only in response to snowmelt and rainfall runoff. A portion of this surface water infiltrates to create saturated zones in the alluvium within certain stretches of Pueblo Canyon. Partial depletion by evapotranspiration and movement into the underlying geologic formations controls the size and depth of these alluvial saturated zones. However, there are no known zones of saturated alluvium within Acid Canyon.

B-4.3.2 Perched Waters

Below Pueblo Canyon, saturated conditions are known to be present at depths intermediate between the alluvial and the regional aquifer. The primary intermediate saturated zone has been identified to occur within the Guaje Pumice Bed and is discussed in detail in section 3.6.3 of the work plan for OU 1049 (LANL 1995, 50290). Existing borehole data indicate that this perched water-bearing zone is discontinuous. However, there are no data to indicate if it is present below the SWMU 0-030(g) vicinity.

B-4.3.3 Regional Aquifer

The regional aquifer lies beneath SWMU 0-030(g) at a depth of approximately 335 m (1100 ft) from the mesa top and serves as the municipal water supply for the Los Alamos area. It is located in the lower Puye Formation and Santa Fe Group sediments. The hydraulic gradient indicates that groundwater moves eastward, where part of it discharges into the Rio Grande through seeps and springs. Section 3.6.4 of the work plan for OU 1049 (LANL 1995, 50290.1) contains a detailed discussion of the regional aquifer.

B-4.3.4 Vadose Zone

The hydrology of the mesa-top vadose zone, which is formed in the Bandelier Tuff and portions of the Puye Formation, does not bear water except in relatively shallow and localized areas. The low moisture content and extensive thickness of the unsaturated zone (up to 1100 ft) minimize the potential for downward movement of water through the Bandelier Tuff and on to the main aquifer.

B-5.0 ECOLOGICAL RESOURCES

This section addresses the biological requirements of the National Environmental Policy Act (NEPA), which must be met before RFI work can proceed. It also presents the animal and plant species of potential concern and describes how field activities will be managed to mitigate any effects on them. The BRET of the Environmental Protection Group has conducted biological resource field surveys for OU 1071 (TAs-0, -19, -28, -73, and -74) (Biggs 1996, 62928). The purposes of the field surveys were (1) to determine whether there were any state or federal threatened, endangered, or sensitive plant or animal species or critical habitat present within the OU boundaries; (2) to identify any sensitive areas, such as floodplains and wetlands, within the sites to be sampled; and (3) to provide additional plant and wildlife species data to help define habitat types within the OU.

(a) Relevant Statutes, Orders, and Regulations

Field surveys were conducted in 1991 pursuant to the Federal Endangered Species Act of 1973, New Mexico's Wildlife Conservation Act, the New Mexico Endangered Plant Species Act, Executive Order 11990, "Protection of Wetlands," Executive Order 11988, "Floodplain Management," 10 CFR 1022, and DOE Order 5400.1.

(b) Methodology

The Environmental Protection Group maintains a database that contains the habitat requirements of all sensitive, threatened, or endangered species identified by the state and federal governments. After searching the database, BRET personnel conducted a Level 2 habitat evaluation survey to determine whether areas relatively undisturbed by Laboratory activities could support threatened and/or endangered species. The techniques used in a Level 2 survey are designed to gather data on the percent cover, density, and frequency of both the understory and overstory components of the plant community.

The habitat information gathered through the field surveys was then compared with the habitat requirements for species of concern identified in the database search. If a site did not meet habitat requirements for a species of concern, no further surveys were conducted and the site was cleared for no expected impacts to state and federally listed species. If habitat requirements were met, specific surveys for the species of concern (i.e., a Level 3 survey) were conducted in accordance with pre-established survey protocols.

In each location, investigators noted all wetlands and floodplains in the survey area using national wetlands inventory maps and field checks. Characteristics of wetlands, floodplains, and riparian areas were noted using criteria outlines in the *Federal Manual for Identifying and Delineating Jurisdictional Wetlands* (Dunke et al. 1989, 49510).

(c) Species Identified

The database search indicated that there are several species of potential concern within OU 1071. This does not necessarily indicate that all or any of these species are found in the vicinity of the SWMU under investigation. The species of potential concern are listed in Table B-5.0-1.

(d) Results and Mitigation

As a result of the habitat evaluation survey and previous data on the operable unit, only two of the above species appear to have the potential for occurrence in the area of the SWMU under investigation. These species are the Mexican spotted owl and the peregrine falcon. The remaining species in Table B-5.0-1 are not considered further because specific suitable habitat components are lacking or because the species have not been located on habitat more suitable to them in other areas of the Laboratory.

<u>Mexican Spotted Owl</u>

Mexican spotted owls inhabit forested mountains and canyons, primarily in forests with unevenly aged stands and closed canopies. Most of the potential habitat for this species in OU 1071 is either developed or adjacent to developed areas. The SWMU location information was intersected with habitat information using the GIS databases maintained by the Ecology Group (ESH-20): SWMU 0-030(g) is entirely within Mexican spotted owl nesting habitat. The SWMU is also within an area that the owl can conservatively be assumed to forage with a high frequency.

Peregrine Falcon

Peregrine falcons inhabit cliffs that are wooded and forested habitats. Here again most of the potential habitat for this species in OU 1071 is either developed or adjacent to developed areas. The SWMU location information was intersected with habitat information using the GIS databases maintained by the Ecology Group (ESH-20): SWMU 0-030(g) is in the vicinity of potential nesting habitat (approximately 1.2 km away). The SWMU is entirely within an area where the falcon can be conservatively assumed to forage with a relatively high frequency.

Table B-5.0-1
Species of Potential Concern in OU 1071

Species of Concern	Endangered		Sensitive	
	Federal	State	Federal	State
Bald eagle (*Haliaeetus luecocephalus*)	X	X		
Peregrin falcon (*Falco peregrinus*)	X	X		
Black Hawk (*Buteogallus anthracinus*)		X		
Northern goshawk (*Accipiter gentilis*)	Candidate	X		
Mexican spotted owl (*Strix occidentalis lucida*)	Candidate			
Mississippi kite (*Ictinia mississippiensis*)		X		
Spotted bat (*Euderma maculatum*)	Candidate	X		
Willow flycatcher (*Empidonax trailii*)	Candidate	X		
Broad-billed hummingbird (*Cynanthus latirostris*)		X		
Meadow jumping mouse (*Zapus hudsonius*)	Candidate	X		
Say's pond snail (*Lymnaea captera*)		X		
Wright fishhook cactus (*Mammillaria wrightii*)	Candidate	X		
Santa Fe cholla (*Opuntia viridiflora*)	Candidate	X		
Grama grass cactus (*Toumeya papyracantha*)	Candidate	X		
Tufted sand verbena (*Abronia bigelovii*)	Candidate			X
Wood lily (*Lilium philadelphicum var. andium*)		X		
Sandia alumroot (*Heuchera pulchella*)		X		
Sessile flower false carrot (*Aletes sessiliflorus*)				X
Threadleaf horsebrush (*Tetradynia filifolia*)				X
Plank's catchfly (*Silene plankii*)				X
Santa Fe milkvetch (*Astragalus feensis*)				X
Mathew's woolly milkvetch (*Astragalus mollissimus*)				X
Taos milkvetch (*Astragalus puniceus*)				X
Cyanic milkvetch (*Astragalus cyaneus*)				X
Pagosa phlox (*Phlox caryophylla*)				X
Checker lily (*Fritillaria atropurpurea*)				X

(e) Wetlands and Floodplains

The survey found that no wetlands were identified on the national wetlands inventory map of this area. However, floodplains of variable widths can be located adjacent to the channels at the bottom of each of the major canyon systems. Geomorphologic mapping in the SWMU 0-030(g) drainage and Acid Canyon identified floodplain deposits.

(f) Best Management Practices

Impacts to nonsensitive plant species were avoided whenever possible. Vehicular travel was restricted to existing roads. No revegetation was required on the mesa top or in canyon portions of the SWMU.

B-6.0 CULTURAL RESOURCES

This section addresses the cultural resource requirements of the National Historic Preservation Act of 1966 (as amended), that must be met before RFI work can proceed. It discusses the archaeological sites in the OU, particularly in the vicinity of the SWMU being discussed, and the action, if any, being taken to obtain approval for fieldwork to be conducted.

Cultural resource surveys were conducted during 1991, 1992, and 1994 for the ER Project for OU 1071 (Larson 1993, 28310) by archaeologists from the Ecology Group (ESH-20). The methods and techniques used for this survey conform to those specified in the Secretary of the Interior's standards and guidelines for archaeology and historic preservations. There are no archeological sites in the area of SWMU 0-030(g) that are eligible for inclusion in the National Register of Historic Places.

Los Alamos National Laboratory

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

Surface Water Assessment
Erosion Matrix for PRS 0-030(g)

CRITERIA EVALUATED	Value	Erosion/Sediment Transport Potential Low 0.1	Medium 0.5	High 1.0	Calculated Score
Site Setting (43)					
On mesa top	1	Defined based on topographic setting			
Within bench of canyon	4				4.0
Within the canyon floodplain but not watercourse	13				
Within bottom of canyon channel in watercourse	17				
Estimated % ground and canopy cover	13	>75%	25-75%	<25%	6.5
Slope	13	0-10%	10-30%	>30%	13.0
Surface Water Factors-Run-off (46)					
Visible evidence of runoff discharging? (Yes/No)	5	If no, score of 0 for runoff section.			5.0
		If yes, score 5 and proceed with section.			
Where does runoff terminate?	19	Other	Bench Setting	Drainage/Wetland	9.5
Has runoff caused visible erosion? (Yes/No)	22	Sheet	Rill	Gully	2.2
		If no, score as 0. If yes, calculate as appropriate.			
Surface Water Factors-Run-on (11)					
Structures adversely affecting run-on (Yes/No)	7*	If yes, score as 7. If no, score as 0.			0.0
Current operations adversely impacting (Yes/No)	4	If yes, score as 4. If no, score as 0.			0.0
Natural drainages onto site (Yes/No)	7*	If yes, score as 7. If no, score as 0.			7.0
**Select either structures or natural drainages.*					
MAX. POSSIBLE EROSION MATRIX SCORE:	**100**			**Total Score**	47.2

REVISED PART B

Report Printed 8/26/99 12:28:07 PM.

Los Alamos National Laboratory
SURFACE WATER
SITE ASSESSMENT

Revised Part B. Please discard previous.

SITE INFORMATION

1a) PRS Number 0-030(g) **1b) Structure Number** **1c) FMU Number** 80

2. Date/Time (M/D/Y H:M am/pm) 10/16/98

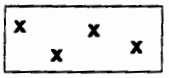
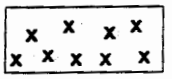
SITE SETTING (check all that apply)

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: Septic tank and outfall located near old Catholic Church on south side of Acid Canyon.

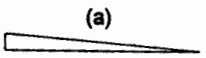
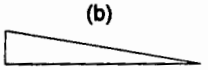
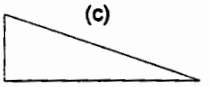
4. Estimated ground and/or canopy cover at site: (deciduous leaves, pine needles, rocks, vegetation, trees, structures, asphalt, etc.)

(illustration) (a)  (b)  (c)

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

Explanation: Part of PRS under asphalt, the remainder is within drainage channel consisting of rocks, pine needles and some bare ground.

5. Steepest slope at the area impacted:

(a)  (b)  (c) 

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

Explanation: Outfall from septic discharges over mesa's edge into steeper drainage channel below site.

RUNOFF FACTORS

Y / N

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

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

Explanation: Outfall previously had discharged at mesa edge, evidence of discharge into natural drainage channel below site.

RUNOFF FACTORS, CONT'D

6b) Where does evidence of runoff terminate?

- ○ **Drainage or wetland (name)** Acid Canyon
- ◉ **Within bench of canyon setting (name)** Retention area near access road
- ○ **Other (i.e., retention pond, meadow, mesa top)**

Explanation: Runoff appears to terminate in depression area located south of access road. The road acts as a dam which prevents runoff from entering into canyon located approximately 50' north of road.

Y / N

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

Explanation: Sediments within channel are being deposited in a variety of locations. Visible erosion is hard to see but can be inferred.

RUN-ON FACTORS

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

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

Explanation:

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

Explanation:

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

Explanation: Sheet flow from slope above 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.)**

Steve Veenis

11. Signature of Water Quality/Hydrology Representative

_____ Initials of independent reviewer.

Check here when information is entered in database: ☑

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

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

Description of existing BMPs:

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

OTHER INTERNAL NOTES:

This site was re-evaluated to include the septic outfall and the associated discharges into the drainage below the site. The original assessment performed on 8/5/97, included only the septic tank. Since the access road terminates all local runoff, no additional BMPs are recommended.

Appendix C

Results of Quality Assurance/Quality Control Activities

C-1.0 SUMMARY OF QUALITY ASSURANCE/QUALITY CONTROL ACTIVITIES

This appendix consists of an assessment of the quality of analytical results obtained from 1993 to 1999, at SWMU 0-030(g), a septic system and outfall. Table C-1.0-1 presents the analytical suites analyzed for all the samples during this investigation.

The SWMU is inactive and the source has been removed. It was part of the SWMU Group 0-3, which consisted of 13 septic tanks installed in the 1940s that remained in use until the central wastewater treatment plant (SWMU 0-019) was completed in late 1947. The septic tank may have been connected to technical area 1 (TA-1), an area where some of the buildings of the original Laboratory site were located. Some of the typical contaminants for this area were plutonium, uranium, polonium, and mercury. The septic tank and drainlines were removed as part of the 1995 RFI.

Table C-1.0-1
Analytical Suites

Chemical Category	Analytical Suite	Analytical Method
Radionuclides	Gamma-emitting radionuclides	Gamma Spectroscopy
	Isotopic uranium	Chemical Separation Alpha Spectroscopy
	Isotopic plutonium	Chemical Separation Alpha Spectroscopy
	Americium-241	Chemical Separation Alpha Spectroscopy
	Tritium	Liquid Scintillation
Inorganic Chemicals	Target analyte metals	EPA SW-846 Method 6010B
	Target analyte metals	EPA SW-846 Method 6020
	Target analyte metals	EPA SW-846 Method 7000 Series
	Mercury	EPA SW-846 Method 7471A
	Cyanide	EPA SW-846 Method 9012
	Hexavalent chromium	EPA SW-846 Method 7196
	Uranium	ASTM Method D5174-91
Organic Chemicals	Organochlorine pesticides	EPA SW-846 Method 8081
	Polychlorinated biphenyls	EPA SW-846 Method 8082
	Volatile organic compounds	EPA SW-846 Method 8260
	Semivolatile organic compounds	EPA SW-846 Method 8270

QA, QC, and data validation procedures were implemented in accordance with the requirements of the "Quality Assurance Project Plan Requirements for Sampling and Analysis" (LANL 1996, 54609), and the Laboratory ER Project analytical services statement of work (SOW) for contract laboratories (LANL 1995, 49738). The results of the QA/QC activities were used to estimate accuracy, bias, and precision of the analytical measurements. QC samples including method blanks, blank spikes, matrix spikes and laboratory control samples 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 the ER Project's SOP-1.02, Rev. 0, "Sample Containers and

Preservation." Evaluating these QC indicators allows estimates to be made of the accuracy, bias, and precision of the analytical suites.

Previous data validation. Prior to April 1995, RFI data validation was performed by LANL Group CST-3. A numeric review level code was assigned to document the review of the raw data results generated by the analytical laboratory. Depending on the review level, not all QA/QC criteria were examined. The following description generalizes the meaning of the CST-3 numeric codes. The specific definitions for the CST codes vary depending on which analytical suite is being validated. The specific definitions for the codes are therefore presented, in the sections on inorganic, organic, and radiochemistry data that follow.

Review level numeric	Description
0	Completeness checked, no review of data.
1	Least stringent review of data; not all QC samples checked.
2	More stringent review than level 1, but still not all QC samples checked.
3	Most stringent review of data, similar to current baseline validation.

Data validation results, including, request numbers, sample identification numbers and their associated qualifiers, are located in Section C-5.0.

Current baseline data validation. Starting in April of 1995, the LANL Environmental Restoration baseline validation procedure was implemented. For this appendix, sample results from after April 1995 were qualified using the ER Project baseline data validation. The ER Project baseline data validation process adheres to the EPA *Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* and *Contract Laboratory Program National Functional Guidelines for Organic Data Review* (NFG) (EPA 1994, 48640) for data validation and incorporates Laboratory-specific reason codes for qualifying data. Data packages received from the analytical laboratory were reviewed with respect to the NFG and Laboratory quality procedures for data validation. Data validation results, including, request numbers, sample identification numbers and their associated qualifiers, are located in Section C-5.0.

Data validation results including, request numbers, sample identification numbers and their associated qualifiers, are given in Section C-5.0. The data, including the qualified data, are usable for evaluation and interpretive purposes. The entire data set meets the standards set for use in this report with one exception. The antimony results for selected samples were rejected due matrix spike recoveries that were less than 30%. These rejected samples are shown in Table C-5.0-2.

C-1.1 Samples Collected

A summary of the samples collected at SWMU 0-030(g) for analyses is presented in Table C-1.1-1. In this appendix soil is used a generic term for solid samples and does not define the geological units used for background data comparisons in other sections of this report.

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

Table C-1.1-1
Summary of Soil Samples Analyzed at SWMU 0-030(g)

Request	Collection Date	Sample ID	Analytical Suite	Laboratory	Matrix
Inorganic Chemicals					
15266	28-Jul-93	AAA1909 AAA4371	TAL Metals and Cyanide	CST	Soil
15303	30-Jul-93	AAA4386 AAA4387 AAA4388 AAA4389 AAA4390 AAA4391 AAA4392 AAA4393	Lead	CST	Soil
15305	29-Jul-93	AAA4375 AAA4376 AAA4377	TAL Metals and Cyanide	CST	Soil
15356	05-Aug-93	AAA1910 AAA3563 AAA4406 AAA4407 AAA4408	TAL Metals and Cyanide TAL Metals and Cyanide Lead Lead Lead	CST	Soil
17139	07-Apr-94	AAB0275 AAB0278	TAL Metals	CST	Soil
17141	07-Apr-94	AAB0275 AAB0278	Uranium	Rust Geotech	Soil
18065	03-Jun-94	AAB3573 AAB3574 AAB3575 AAB3576 AAB3577 AAB3578 AAB3579 AAB3580 AAB3581	Uranium	Quanterra	Soil
4557R	03-Sep-98	RE00-98-0031 RE00-98-0032	TAL Metals	Kemron Environmental Services	QBT3
4558R	03-Sep-98	RE00-98-0031 RE00-98-0032	Hexavalent Chromium	Paragon	QBT3

Table C-1.1-1 (continued)

Request	Collection Date	Sample ID	Analytical Suite	Laboratory	Matrix
Inorganic Chemicals (continued)					
4565R	04-Sep-98	RE00-98-0017 RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025 RE00-98-0026 RE00-98-0027	TAL Metals	Kemron Environmental Services	QBT3
4571R	04-Sep-98	RE00-98-0020 RE00-98-0021	TAL Metals	Kemron Environmental Services	QBT3
4574R	04-Sep-98	RE00-98-0002 RE00-98-0019	TAL Metals	Kemron Environmental Services	QBT3
4580R	09-Sep-98	RE00-98-0014 RE00-98-0015 RE00-98-0016	TAL Metals	Kemron Environmental Services	QBT3
5540R	03-May-99	RE00-99-0165 RE00-99-0166 RE00-99-0167 RE00-99-0168 RE00-99-0169 RE00-99-0170 RE00-99-0171 RE00-99-0172 RE00-99-0173 RE00-99-0174 RE00-99-0175 RE00-99-0176 RE00-99-0177 RE00-99-0178 RE00-99-0179	TAL Metals	Paragon	Sediment
6104R	29-Sep-99	RE00-99-0265 RE00-99-0266	TAL Metals	Kemron Environmental Services	Soil

Table C-1.1-1 (continued)

Request	Collection Date	Sample ID	Analytical Suite	Laboratory	Matrix
Organic Chemicals					
15276	28-Jul-93	AAA1909	Volatile Organic Compounds Pesticides/PCBs Semivolatile Organic Compounds	CST	Soil
15365	05-Aug-93	AAA1910 AAA3563	Pesticides	Quanterra	Soil
15367	05-Aug-93	AAA1910 AAA3563	Semivolatile Organic Compounds Volatile Organic Compounds PCBs	CST	Soil
17135	07-Apr-94	AAB0275 AAB0278	Pesticides/PCBs	Maxwell S-Cubed	Soil
17138	07-Apr-94	AAB0275 AAB0278	PCBs Semivolatile Organic Compounds Volatile Organic Compounds	CST	Soil
2729	17-Oct-96	0100-96-2101 0100-96-2102 0100-96-2103 0100-96-2104 0100-96-2105 0100-96-2106 0100-96-2107 0100-96-2108 0100-96-2109 0100-96-2110 0100-96-2111	PCBs	Environmental Science Engineering	Sediment
4556R	03-Sep-98	RE00-98-0031 RE00-98-0032	Pesticides/PCBs Semivolatile Organic Compounds Volatile Organic Compounds	Kemron Environmental Services	QBT3
4564R	04-Sep-98	RE00-98-0017 RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025 RE00-98-0026 RE00-98-0027	Pesticides/PCBs Semivolatile Organic Compounds Volatile Organic Compounds	Kemron Environmental Services	QBT3

Table C-1.1-1 (continued)

Request	Collection Date	Sample ID	Analytical Suite	Laboratory	Matrix
Organic Chemicals					
4570R	04-Sep-98	RE00-98-0020 RE00-98-0021	Pesticides/PCBs Semivolatile Organic Compounds Volatile Organic Compounds	Kemron Environmental Services	QBT3
4573R	04-Sep-98	RE00-98-0002 RE00-98-0019	Pesticides/PCBs Semivolatile Organic Compounds Volatile Organic Compounds	Kemron Environmental Services	QBT3
4579R	09-Sep-98	RE00-98-0014 RE00-98-0015 RE00-98-0016	Pesticides/PCBs Semivolatile Organic Compounds Volatile Organic Compounds	Kemron Environmental Services	QBT3
5539R	03-May-99	RE00-99-0165 RE00-99-0166 RE00-99-0167 RE00-99-0168 RE00-99-0169 RE00-99-0170 RE00-99-0171 RE00-99-0172 RE00-99-0173 RE00-99-0174 RE00-99-0175 RE00-99-0176 RE00-99-0177 RE00-99-0178 RE00-99-0179	PCBs	Paragon	Sediment

Table C-1.1-1 (continued)

Request	Collection Date	Sample ID	Analytical Suite	Laboratory	Matrix
Organic Chemicals					
6103R	29-Sep-99	RE00-99-0265	Pesticide/PCBs	Paragon/ATI	Soil
		RE00-99-0266			
		RE00-99-0267	Pesticides		
		RE00-99-0268			
		RE00-99-0269			
		RE00-99-0270			
		RE00-99-0271			
		RE00-99-0272			
		RE00-99-0273			
		RE00-99-0274			
		RE00-99-0275			
		RE00-99-0276			
		RE00-99-0277			
		RE00-99-0278			
		RE00-99-0279			
		RE00-99-0280			
		RE00-99-0281			
Radionuclides					
15268	28-Jul-93	AAA1909	Tritium	CST	Soil
			Americium-241		
			Isotopic Plutonium		
15364	05-Aug-93	AAA1910	Americium-241	Rust Geotech	Soil
		AAA3563	Isotopic Uranium		
			Isotopic Plutonium		
			Gamma Spectroscopy		
17141	07-Apr-94	AAB0275	Americium-241	Rust Geotech	Soil
		AAB0278	Isotopic Plutonium		
18065	03-Jun-94	AAB3573	Isotopic Plutonium	Quanterra	Soil
		AAB3574	Gamma Spectroscopy		
		AAB3575			
		AAB3576			
		AAB3577			
		AAB3578			
		AAB3579			
		AAB3580			
		AAB3581			
4559R	03-Sep-98	RE00-98-0031	Isotopic Plutonium	Paragon	QBT3
		RE00-98-0032	Isotopic Uranium		
			Americium-241		

Table C-1.1-1 (continued)

Request	Collection Date	Sample ID	Analytical Suite	Laboratory	Matrix
Radionuclides (continued)					
4566R	04-Sep-98	RE00-98-0017 RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025 RE00-98-0026 RE00-98-0027	Isotopic Plutonium Isotopic Uranium Americium-241	Paragon	QBT3
4572R	04-Sep-98	RE00-98-0020 RE00-98-0021	Isotopic Plutonium Isotopic Uranium Americium-241	Paragon	QBT3
4575R	04-Sep-98	RE00-98-0002 RE00-98-0019	Isotopic Plutonium Isotopic Uranium Americium-241	Paragon	QBT3
4581R	09-Sep-98	RE00-98-0014 RE00-98-0015 RE00-98-0016	Isotopic Plutonium Isotopic Uranium Americium-241	Paragon	QBT3
5541R	03-May-99	RE00-99-0165 RE00-99-0166 RE00-99-0167 RE00-99-0168 RE00-99-0169 RE00-99-0170 RE00-99-0171 RE00-99-0172 RE00-99-0173 RE00-99-0174 RE00-99-0175 RE00-99-0176 RE00-99-0177 RE00-99-0178 RE00-99-0179	Isotopic Plutonium Isotopic Uranium Americium-241	Paragon	Sediment
6106R	29-Sep-99	RE00-99-0265 RE00-99-0266	Isotopic Plutonium Isotopic Uranium Americium-241	Paragon/ATI	Soil

C-2.0 INORGANIC CHEMICAL METHODS

Seven samples were analyzed for the TAL metals and cyanide. Thirty-five samples were analyzed for TAL metals. Eleven samples were analyzed for lead, eleven samples were analyzed for uranium, and two samples were analyzed for hexavalent chromium. The inorganic methods for this data set are detailed in Table C-2.0-1. The analytical laboratories that analyzed the samples are shown in Table C-1.1-1.

The CRDLs defined by the ER Project analytical services SOW (LANL 1995, 49738) for inorganic chemicals is provided in Appendix D. The qualifiers for inorganic analytes are provided in Section C-5.2.

Table C-2.0-1
Analytical Methods for Inorganic Chemical Analysis

Analytical Method	Analytical Description	Analytical Suite
EPA SW-846, Method 6010B	Inductively coupled plasma emission spectroscopy (ICPES)	Aluminum, antimony, arsenic, barium, beryllium, calcium, cadmium, cobalt, chromium, copper, iron, lead, magnesium, manganese, nickel, potassium, selenium, sodium, silver, thallium, vanadium and zinc. (TAL metals)
EPA SW-846 Method 9012	Colorimetric	Cyanide
EPA SW-846 Method 7000 Series	Electrothermal Vapor Atomic Absorption	Arsenic and selenium
EPA SW-846 Method 7000 Series	Graphite Furnace Atomic Absorption (GFAA)	Antimony, barium, beryllium, calcium, copper, iron, magnesium, nickel, potassium, selenium, silver, sodium, thallium and zinc.
EPA SW-846 Method 6020	Inductively coupled plasma mass spectrometry (ICPMS)	Aluminum, antimony, barium, beryllium, cadmium, chromium, cobalt, copper, lead, manganese, nickel, silver, thallium, uranium, vanadium and zinc.
EPA SW-846 Method 7196	Colorimetric	Hexavalent Chromium
ASTM Method D5174-91	Kinetic Phosphorescence Analysis	Uranium
EPA SW-846 Method 7471A	Cold vapor atomic absorption (CVAA)	Mercury (TAL metal)

C-2.1 Inorganic Quality Assurance/Quality Control Samples

Laboratory control samples (LCSs), method blanks, matrix spike samples, field duplicate samples, interference check samples, 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 sections below.

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 National Functional Guidelines 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%.

Preparation blanks are used as a measurement of bias and potential cross-contamination. The blank results for inorganic chemical analyses were within acceptable limits for all the analyses. All target analytes should be below the contract-required detection limit in the preparation blank.

Accuracy for inorganic chemical analyses are 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%.

Analyzing field duplicate samples assessed precision of inorganic chemical analyses. All relative percent differences between the sample and field duplicate should ±35%.

C-2.2 Inorganic Chemical Background Values

It is important to note that the currently used ER Project analytical services SOW (LANL 1995, 49738) was issued before the widespread use of axial view ICPES (also known as *trace* ICPES), and before the development of the LANL soil inorganic background data set. With the advent of axial view ICPES, detection limits for inorganic chemicals have greatly improved. As an example, antimony soil detection limits for the older radial view ICPES are typically on the order of 12 mg/kg, while on the *trace* ICPES the detection limits are as low as 0.5 mg/kg.

The "Inorganic and Radionuclide Background Data for Soils, Canyon Sediments, and Bandelier Tuff at Los Alamos National Laboratory" (Ryti et al. 1998, 59730) was developed after *trace* ICPES was widely used. For these reasons some nondetected inorganic chemicals in this SWMU 0-030(g) data set have reporting limits above the LANL inorganic background value. Table C-2.2-1 summarizes the nondetected inorganic chemicals with reporting limits that exceeded their LANL background value.

Table C-2.2-1

Summary of Nondetected Inorganic Samples Where Detection Limits Exceeded the Background Values

Analyte	Geological Unit	Background Value (mg/kg)	Number of Samples	Number of Detects	Nondetects Above Reporting Limits
Antimony Mesa Top	Qbt 2,3,4	0.5	23	0	7
Mercury Mesa Top	Qbt 2,3,4	0.1	16	0	11
Selenium Mesa Top	Qbt 2,3,4	0.3	23	3	16
Selenium Canyon	Sediment	0.3	17	16	1
Silver Mesa Top	Qbt 2,3,4	1	23	0	16
Thallium Canyon	Sediment	0.73	17	0	1

C-3.0 ORGANIC CHEMICAL ANALYSES

Twenty-one soil samples were collected for VOC analysis using EPA SW-846 Method 5035/8260, for SVOC analysis using EPA SW-846 Method 8270, and for pesticide/PCB analysis using EPA SW-846 Methods 8081/8082. Furthermore, 17 soil samples were collected for pesticides only using EPA SW-846 Method 8081, and 30 soil samples were collected for PCBs using EPA SW-846 Method 8082. The organic methods for extraction and analysis for this data set are detailed in Table C-3.0-1. The extraction holding time (SVOC and Pest/PCB) is 14 days and the analysis of the extract must occur within 40 days. The extraction and analysis holding time (VOC) is 14 days. The target analyte lists including the required EQLs are provided in Appendix D. All QC procedures were followed as required in the ER Project analytical services SOW (LANL 1995, 49738). The analytical laboratories that analyzed these samples are shown in Table C-1.1-1. The qualifiers for organic analytes are provided in Section C-5.3.

Table C-3.0-1
Analytical Methods for Organic Analyses

Analytical Method	Analytical Description	Target Compound List
EPA SW-846 Method 3540 – Extraction EPA SW-846 Method 8270 – Analysis	Semivolatile Organic Compounds (SVOCs)	ER Project analytical services SOW (LANL 1995, 49738). Also in Appendix D of this report.
EPA SW-846 Method 5035 – Sampling EPA SW-846 Method 5035 – Extraction EPA SW-846 Method 8260 – Analysis	Volatile Organic Compounds (VOCs)	ER Project analytical services SOW (LANL 1995, 49738). Also in Appendix D of this report.
EPA SW-846 Method 3540 – Extraction EPA SW-846 Method 8081 – Analysis	Pesticides	ER Project analytical services SOW (LANL 1995, 49738). Also in Appendix D of this report.
EPA SW-846 Method 3540 – Extraction EPA SW-846 Method 8082 – Analysis	Polychlorinated Biphenyls (PCBs)	ER Project analytical services SOW (LANL 1995, 49738). Also in Appendix D of this report.

C-3.1 Organic Quality Assurance/Quality Control Samples

LCSs, method blanks, matrix spike samples, field duplicate 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 (LANL 1995, 49738) and described briefly in the sections below.

The LCS serves as a monitor of the overall performance of each step during the analysis, including sample extraction. The analytical results for the samples were qualified according to National Functional Guidelines if the individual LCS recovery indicated an unacceptable bias in the measurement of individual analytes. The LCS recoveries should fall within the laboratory and method specified control limits.

Method blanks are used as a measurement of bias and potential cross contamination. The blank results for organic chemical analyses were within acceptable limits for all the analyses. All target analytes should be below the contract required quantitation limits in the method blank.

Accuracy for organic chemical analyses is also assessed using matrix spike (MS) and matrix spike duplicate (MSD) samples. MS/MSD samples are designed to provide information about the effect of each sample matrix on the sample extraction procedures and analytical technique. The MS/MSD recoveries should fall within the laboratory and method specified control limits.

C-4.0 RADIOCHEMICAL ANALYSES

Soil samples were analyzed for radionuclides by the methods listed in Table C-4.0-1. Forty-seven soil samples were analyzed for isotopic plutonium, thirty-five samples for isotopic uranium, thirty-eight samples for americium-241, one sample for tritium, and eleven samples for gamma-emitting analytes. The maximum allowable reporting limit as defined in the ER Project analytical services SOW for radiochemicals are provided in Appendix D.

Radionuclides with reported values less than the minimum detectable activity (MDA) were qualified as nondetected (U). The radionuclides qualified as nondetected based on the MDA are summarized in Table C-5.0-4. Each radionuclide result was also compared with the corresponding 1-sigma total propagated

uncertainty (TPU). If the result was not greater than three times the total propagated uncertainty, it was qualified as nondetected (U). Radionuclides qualified as nondetected (U) based on the 1-sigma TPU are also presented in Table C-5.0-4.

Table C-4.0-1

Analytical Methods for Radiochemical Analyses

Radionuclides	Analytical Technique
Gamma-emitting radionuclides	Gamma Spectroscopy
Isotopic plutonium	Chemical Separation/Alpha Spectroscopy
Isotopic uranium	Chemical Separation/Alpha Spectroscopy
Americium-241	Chemical Separation/Alpha Spectroscopy
Tritium	Liquid Scintillation

Certain gamma spectroscopy analytes are subject to spectral interference from energies of other radionuclides. When this occurs, it is not possible to reliably measure these radionuclides. Laboratory results indicated spectral interference for several gamma spectroscopy analytes. All other radionuclide results including the qualified data are usable for evaluation and interpretive purposes.

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

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

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 criteria.

LCS's were analyzed to assess accuracy for radionuclide analyses. The LCS serves as a monitor of the overall performance of each step during the analysis, including the radiochemical separation preparation. The ER Project analytical services SOW (LANL 1995, 49738) specifies that LCS recoveries should be within ± 25% of the certified value. 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 (LANL 1995, 49738) specifies that the method blank concentration should not exceed the required EQL.

C-5.0 DATA VALIDATION

The following tables present the data qualifiers applied to each analyte for a given sample. The data qualifiers are defined in Table C-5.0-1; Table C-5.0-2 (inorganic data quality), Table C-5.0-3 (organic data quality), and Table C-5.0-4 (radionuclide data quality) summarize the qualifiers for this data set.

Table C-5.0-1
Explanation of Data Qualifiers Used in the Data Validation Procedure

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

[a] For radionuclide analyses the reported value is the best estimate of the analyte concentration, even when that estimate is less than the detection limit. For statistical reasons the estimates may sometimes be negative results.

C-5.1 Inorganic Data Review

1993 Samples

For Request 15266, 2 soil samples were analyzed for the Contract Laboratory Program TAL metals and cyanide. Both samples were analyzed by the Laboratory's Chemical Science and Technology Division, Group 3 (CST-3). Cyanide was analyzed by EPA method 9012, colorimetric titration. Mercury was analyzed by Cold Vapor Atomic Absorption (CVAA). Arsenic and selenium were analyzed by Electrothermal Vapor Atomic Absorption (ETVAA). Antimony, lead and thallium were analyzed by Inductively Coupled Plasma Mass Spectrometry (ICPMS). The other TAL metals were analyzed by Inductively Coupled Plasma Emission Spectroscopy (ICPES).

- A CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

For Request 15303, 8 samples were analyzed for lead by CST using ICPES.

- A CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

For Request 15305, 3 soil samples were analyzed for TAL metals and cyanide by CST. Arsenic and selenium were analyzed by ETVAA. Mercury was analyzed by CVAA. Antimony, lead and thallium were analyzed ICPMS. The other TAL metals were analyzed by ICPES.

- A CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

For Request 15356, 2 soil samples were analyzed for TAL metals and cyanide by CST and 3 samples were analyzed for lead only. Mercury was analyzed by CVAA. Arsenic and selenium were analyzed by

ETVAA. Antimony, lead and thallium were analyzed ICPMS. The other TAL metals were analyzed by ICPES.

- A CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

1994 Samples

For Request 17139, CST analyzed 2 soil samples for 12 of the TAL metals. The 12 metals analyzed for were antimony, arsenic, barium, beryllium, cadmium, chromium, lead, mercury, nickel, selenium, silver and thallium. Mercury was analyzed by CVAA. Arsenic and selenium were analyzed by ETVAA. Antimony, lead and thallium were analyzed ICPMS. The other 6 TAL metals were analyzed by ICPES.

- A CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

For Request 17141, Rust Geotech analyzed 2 soil samples for uranium by ICPMS.

- A CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

For Request 18065, Quanterra analyzed 9 soil samples for uranium by Kinetic Phosphorescence Analysis (KPA).

- Two sets of results for these uranium samples are in LANL's FIMAD. The first set of results was deemed unusable (R) because of a low uranium recovery for the QC blind sample. The samples were reanalyzed and these results are used in this report. A CST review level 1 was performed on this data package; no data qualifiers were applied to the uranium results.

1998 Samples

For Request 4557, 2 soil samples were analyzed for TAL metals by Kemron Environmental Services. Mercury was analyzed by CVAA. Selenium and thallium were analyzed by Graphite Furnace Atomic Absorption (GFAA). The other TAL metals were analyzed by ICPES.

- The holding times for these samples were met. The method blank results were below detection limits for all analytes, with the exception of thallium. The results for thallium in sample RE00-98-0032 should be regarded as not detected (U) because the result for this analyte was less than 5X the concentration of this analyte in the preparation blank. The recoveries of the laboratory control sample met acceptance criteria of 80-120%. All initial and continuing calibration verification samples met acceptance criteria. The interference check sample met acceptance criteria. The matrix spike recoveries all met acceptance criteria, with the exception of several analytes. As shown in Table C.5.2 the results for chromium, lead and zinc should be regarded estimated and biased low (J-) because the matrix spike results for these analytes were low. The reporting limits for antimony, arsenic, barium, beryllium, cadmium, cobalt, copper, nickel, selenium, silver and vanadium should also be considered estimated and biased low (UJ-) because these analytes had low matrix spike recoveries.

For Request 4558, Paragon Analytics analyzed two soil samples for hexavalent chromium.

- The holding times for these samples were met. The method blank results were below detection limits for this analyte. The laboratory control sample met acceptance criteria of 80-120%. The

initial and continuing calibration standards met acceptance criteria. The matrix spike recoveries all met acceptance criteria, with the exception of the matrix spike duplicate. No data qualifiers were applied because the matrix spike and LCS were in control and no target analytes were identified in the samples.

For Request 4565, Kemron Environmental Services analyzed for 7 soil samples for TAL metals. Mercury was analyzed by CVAA. Thallium was analyzed by GFAA. All other TAL metals were analyzed by radial view-ICPES.

- The holding times for these samples were met. The method blank results were below detection limits for all analytes. The recoveries of the laboratory control sample met acceptance criteria of 80-120%. All initial and continuing calibration verification samples met acceptance criteria. The interference check sample met acceptance criteria. The matrix spike recoveries all met acceptance criteria, with the exception of several analytes. As shown in Table C.5.2 the results and reporting limits for arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, vanadium and zinc should be regarded as estimated and biased low (J- and UJ-) because of low matrix spike recoveries. The results for antimony should be regarded as unusable (R) because the matrix spike recovery for antimony was less than 30%.

For Request 4571, Kemron Environmental Services analyzed 2 soil samples for TAL metals. Mercury was analyzed by CVAA. Thallium was analyzed by GFAA. All other TAL metals were analyzed by radial view-ICPES.

- The holding times for these samples were met. The method blank results were below detection limits for all analytes, with the exception of sodium. The results for sodium in sample RE00-98-0021 should be regarded as not detected (U) because the result for this analyte was less than 5X the concentration of this analyte in the preparation blank. The recoveries of the laboratory control sample met acceptance criteria of 80-120%. All initial and continuing calibration verification samples met acceptance criteria. The interference check sample met acceptance criteria. The matrix spike recoveries all met acceptance criteria, with the exception of several analytes. As shown in Table C.5.2, the results and reporting limits for antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, manganese, nickel, selenium, silver, thallium, vanadium and zinc should be regarded as estimated and biased low (J- and UJ-) because the results for these analytes in the matrix spike sample were low.

For Request 4574, Kemron Environmental Services analyzed 2 soil samples for TAL metals. Mercury was analyzed by CVAA. Thallium was analyzed by GFAA. All other TAL metals were analyzed by radial view-ICPES.

- The holding times for these samples were met. The method blank results were below detection limits for all analytes, with the exception of sodium. The results for sodium in samples RE00-98-0002 and RE00-98-0019 should be regarded as not detected (U) because the results for this analyte were less than 5X the concentration of this analyte in the preparation blank. The recoveries of the laboratory control sample met acceptance criteria of 80-120%. All initial and continuing calibration verification samples met acceptance criteria. The interference check sample met acceptance criteria. The matrix spike recoveries all met acceptance criteria, with the exception of several analytes. As shown in Table C-5.0-2 the results and reporting limits for arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, manganese, nickel, selenium, silver, thallium, vanadium and zinc should be regarded as estimated and biased low (J- and UJ-) because of low matrix spike recoveries. The results for antimony should be regarded as unusable (R) because the matrix spike recovery for antimony was less than 30%.

For Request 4580, Kemron Environmental Services analyzed 3 soil samples for TAL metals. Mercury was analyzed by CVAA. Thallium was analyzed by GFAA. All other TAL metals were analyzed by radial view-ICPES.

- The holding times for these samples were met. The method blank results were below detection limits for all analytes. The recoveries of the laboratory control sample met acceptance criteria of 80-120%. All initial and continuing calibration verification samples met acceptance criteria. The interference check sample met acceptance criteria. The matrix spike recoveries all met acceptance criteria, with the exception of several analytes. As shown in Table C-5.0-2 the results and reporting limits for antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, manganese, nickel, selenium, silver, vanadium and zinc should be regarded as estimated and biased low (J- and UJ-) because of low matrix spike recoveries.

1999 Samples

For Request 5540, Paragon Analytics analyzed 15 soil samples for TAL metals. Mercury was analyzed by CVAA. All other TAL metals were analyzed by axial view-ICPES.

- The holding times for these samples were met. The method blank results were below detection limits for all the analytes. The initial and continuing calibration verifications met acceptance criteria. The interference check sample met acceptance criteria. The recoveries for the laboratory control sample were within the acceptance range of 80-120%, with the exception of antimony and iron. The results for these analytes should be regarded as estimated and biased high (J+) as shown in Table C-5.0-2. The matrix spike recoveries all met acceptance criteria (75-125%). The sample specific analytes qualified as estimated (J) because the results were less than the reporting limit but greater than the instrument detection limit are also shown in Table C-5.0-2.

For Request 6104, Kemron analyzed 2 soil samples for TAL metals. Mercury was analyzed by CVAA. Antimony, selenium and thallium was analyzed by GFAA. All other TAL metals were analyzed by ICPES.

- The holding times for these samples were met. The method blank results were below detection limits for all the analytes. The initial and continuing calibration verifications met acceptance criteria. The interference check sample met acceptance criteria. All results for the solid laboratory control sample were within the acceptance range of 80-120%. The matrix spike recoveries all met acceptance criteria (75-125%), with the exception of antimony, manganese and selenium. The results for these analytes were therefore qualified, as estimated and biased low (J-, UJ-) because the associated matrix spike recoveries were low as shown in Table C-5.0-2. The sample specific analytes qualified as estimated (J) because the results were less than the reporting limit but greater than the instrument detection limit are also shown in Table C-5.0-2.

Table C-5.0-2
Data Quality Evaluation for Inorganic Sample Analyses

Request	Location ID	Sample ID	Analyte	Explanation
4557R	00-3670 00-3670	RE00-98-0031 RE00-98-0032	Chromium Lead Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike results for these analytes were low (30-74%).
4557R	00-3670 00-3670	RE00-98-0031 RE00-98-0032	Antimony Arsenic Barium Beryllium Cadmium Cobalt Copper Nickel Selenium Silver Vanadium	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the matrix spike results for these analytes were low (30-74%).
4557R	00-3670	RE00-98-0032	Thallium	The result for this analyte should be regarded as not detected (U) because the result for this analyte <5 times the concentration of the analyte in the preparation blank.
4565R	00-10122 00-3678 00-10122 00-3665 00-3678 00-3663 00-3665	RE00-98-0017 RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025 RE00-98-0026 RE00-98-0027	Antimony	The reporting limits for this analyte should be regarded as unusable (R) because the matrix spike result for this analyte was low (<30%).
4565R	00-10122 00-3665	RE00-98-0017 RE00-98-0027	Chromium Lead Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike results for these analytes were low (30-74%).
4565R	00-10122 00-3665	RE00-98-0017 RE00-98-0027	Arsenic Barium Beryllium Cadmium Cobalt Copper Nickel Selenium Silver Vanadium	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the matrix spike results for these analytes were low (30-74%).

Table C-5.0-2 (continued)

Request	Location ID	Sample ID	Analyte	Explanation
4565R	00-3678 00-10122 00-3665 00-3678	RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025	Lead Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike results for these analytes were low (30-74%).
4565R	00-3678 00-10122 00-3665 00-3678	RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025	Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Nickel Selenium Silver Vanadium	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the matrix spike results for these analytes were low (30-74%).
4565R	00-3663	RE00-98-0026	Chromium Copper Lead Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike results for these analytes were low (30-74%).
4565R	00-3663	RE00-98-0026	Arsenic Barium Beryllium Cadmium Cobalt Nickel Selenium Silver Vanadium	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the matrix spike results for these analytes were low (30-74%).
4571R	00-3666 00-3666	RE00-98-0020 RE00-98-0021	Lead Manganese Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike results for these analytes were low (30-74%).

Table C-5.0-2 (continued)

Request	Location ID	Sample ID	Analyte	Explanation
4571R	00-3666 00-3666	RE00-98-0020 RE00-98-0021	Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Nickel Selenium Silver Thallium Vanadium	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the matrix spike results for these analytes were low (30-74%).
4571R	00-3666	RE00-98-0021	Sodium	The result for this analyte should be regarded as not detected (U) because the result for this analyte <5 times the concentration of the analyte in the preparation blank.
4574R	00-3662 00-3662	RE00-98-0002 RE00-98-0019	Antimony	The reporting limits for this analyte should be regarded as unusable (R) because the matrix spike result for this analyte was low (<30%).
4574R	00-3662 00-3662	RE00-98-0002 RE00-98-0019	Lead Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike results for these analytes were low (30-74%).
4574R	00-3662 00-3662	RE00-98-0002 RE00-98-0019	Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Nickel Selenium Silver Thallium Vanadium	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the matrix spike results for these analytes were low (30-74%).
4574R	00-3662 00-3662	RE00-98-0002 RE00-98-0019	Sodium	The result for this analyte should be regarded as not detected (U) because the result for this analyte <5 times the concentration of the analyte in the preparation blank.

Table C-5.0-2 (continued)

Request	Location ID	Sample ID	Analyte	Explanation
4580R	00-10120 00-10120	RE00-98-0014 RE00-98-0015	Arsenic Barium Chromium Lead Manganese Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike results for these analytes were low (30-74%).
4580R	00-10120 00-10120	RE00-98-0014 RE00-98-0015	Antimony Beryllium Cadmium Cobalt Copper Nickel Selenium Silver Vanadium	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the matrix spike results for these analytes were low (30-74%).
4580R	00-10121	RE00-98-0016	Arsenic Barium Lead Manganese Zinc	The results for these analytes should be regarded as estimated and biased low (J-) because the matrix spike results for these analytes were low (30-74%).
4580R	00-10121	RE00-98-0016	Antimony Beryllium Cadmium Chromium Cobalt Copper Nickel Selenium Silver Vanadium	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the matrix spike results for these analytes were low (30-74%).

Table C-5.0-2 (continued)

Request	Location ID	Sample ID	Analyte	Explanation
5540R	00-10233 00-10233 00-10236 00-10237 00-10238 00-10238 00-10240 00-10241 00-10243 00-10243 00-10245 00-10246	RE00-99-0166 RE00-99-0167 RE00-99-0169 RE00-99-0170 RE00-99-0171 RE00-99-0172 RE00-99-0173 RE00-99-0174 RE00-99-0176 RE00-99-0177 RE00-99-0178 RE00-99-0179	Antimony Iron	The results for these analytes should be regarded as estimated and biased high (J+) because the laboratory control sample results for these analytes were high (120%).
5540R	00-10242	RE00-99-0175	Iron	The result for this analyte should be regarded as estimated and biased high (J+) because the laboratory control sample result for this analyte was high (150%).
5540R	00-10232	RE00-99-0165	Arsenic Barium Beryllium Calcium Cobalt Magnesium Mercury Nickel Potassium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10233	RE00-99-0166	Beryllium Cadmium Cobalt Magnesium Nickel Potassium Silver Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.

Table C-5.0-2 (continued)

Request	Location ID	Sample ID	Analyte	Explanation
5540R	00-10233	RE00-99-0167	Beryllium Cadmium Cobalt Mercury Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10233	RE00-99-0168	Arsenic Barium Beryllium Calcium Cobalt Magnesium Mercury Nickel Potassium Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10236	RE00-99-0169	Beryllium Cobalt Magnesium Mercury Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10237	RE00-99-0170	Beryllium Cobalt Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.

Table C-5.0-2 (continued)

Request	Location ID	Sample ID	Analyte	Explanation
5540R	00-10238	RE00-99-0171	Arsenic Barium Beryllium Cadmium Calcium Cobalt Magnesium Nickel Potassium Selenium Silver Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10238	RE00-99-0172	Beryllium Cobalt Selenium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10240	RE00-99-0173	Beryllium Cobalt Magnesium Nickel Potassium Selenium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10241	RE00-99-0174	Beryllium Cadmium Cobalt Mercury Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.

Table C-5.0-2 (continued)

Request	Location ID	Sample ID	Analyte	Explanation
5540R	00-10242	RE00-99-0175	Arsenic Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Potassium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10243	RE00-99-0176	Beryllium Cobalt Magnesium Mercury Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10243	RE00-99-0177	Beryllium Cobalt Magnesium Mercury Nickel Potassium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
5540R	00-10245	RE00-99-0178	Arsenic Barium Beryllium Calcium Cobalt Copper Magnesium Nickel Potassium Selenium Sodium Vanadium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.

Table C-5.0-2 (continued)

Request	Location ID	Sample ID	Analyte	Explanation
5540R	00-10246	RE00-99-0179	Beryllium Cadmium Cobalt Magnesium Mercury Nickel Potassium Selenium Sodium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
6104R	00-10307	RE00-99-0265	Beryllium Thallium	The results for these analytes should be regarded as estimated (J) because these analytes were detected below the reporting limit but above the instrument detection limit.
6104R	00-10307	RE00-99-0265	Antimony Manganese	The results for these analytes should be regarded as estimated and biased low (J-) because the associated matrix spike recoveries were low.
6104R	00-10307	RE00-99-0265	Selenium	The reporting limit for this analyte should be regarded as estimated and biased low (UJ-) because the associated matrix spike recovery was low.
6104R	00-10308	RE00-99-0266	Antimony Manganese Selenium	The results for these analytes should be regarded as estimated and biased low (J-) because the associated matrix spike recoveries were low.

C-5.2 Organic Data Review

1993 Samples

For Request 15276, 1 soil sample was analyzed by CST for volatile organic compounds by EPA SW-846 Method 8260, semivolatile organic compounds by EPA SW-846 Method 8270 and organochlorine pesticides/PCBs by EPA SW-846 Method 8080.

- For volatile organic analyses, a CST review level 1 was performed. There were no target analytes detected in the method blank. The holding time was met. All internal standard and surrogate recoveries were within the control limits. No matrix spike, matrix spike duplicate or LCS was analyzed for this sample delivery group. No data qualifiers were applied to this data.

- For semivolatile organic analyses, a CST review level 1 was performed. Extraction and analysis holding times were met. All internal standard and surrogate recoveries were within the control limits. No matrix spike, matrix spike duplicate or LCS was analyzed as part of this sample delivery group. No data qualifiers were applied to this data.

- For pesticides/PCBs a CST review level 1 was performed. Extraction and analysis holding times were met. No target analytes were detected in the method blank. All surrogate recoveries were

within the control limits. No matrix spike, matrix spike duplicate or LCS was analyzed as part of this sample delivery group. No data qualifiers were applied to this data.

For Request 15365, 2 soil samples were analyzed by Quanterra for EPA SW-846 Method 8080 for organochlorine pesticides.

- For pesticides/PCBs, a CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

For Request 15367, 2 soil samples were analyzed by CST for volatile organic compounds by EPA SW-486 Method 8260, semivolatile organic compounds by EPA SW-846 Method 8270 and PCBs by EPA SW-846 Method 8080.

- For volatile, semivolatile and PCB organic analyses, a CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

1994 Samples

For Request 17135, 2 soil samples were analyzed by Maxwell S-Cubed for pesticides/PCBs by EPA SW-846 Method 8080.

- For pesticides/PCBs, a CST level 0 review was done for this data package, therefore no QA/QC data was reviewed. Data qualifiers were applied for this request from the electronic data only.

For Request 17138, 2 soil samples were analyzed by CST for volatile organic compounds by EPA SW-846 Method 8260, semivolatile organic compounds by EPA SW-846 Method 8270 and PCBs by EPA SW-846 Method 8080.

- For volatile organic analyses, a CST review level 2 was performed. The method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria, with the exception of AAB0275 and AAB0278. The last internal standard failed low for these samples. The reporting limits are qualified as (UJ) because of the internal standard failure as shown in Table C-5.0-3. The extraction and analysis holding times were met. The sample specific analytes qualified as estimated (J) because the results were less than the reporting limit but greater than the method detection limit are shown in Table C-5.0-3.

- For semivolatile organic analyses, a CST review level 2 was performed. The method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The extraction and analysis holding times were met.

- For PCBs, a CST review level 2 was performed. The method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria. The extraction and analysis holding times were met.

1996 Samples

For Request 2729, 11 soil samples were analyzed by Environmental Science Engineering for PCBs by EPA SW-846 Method 8080.

- For PCBs, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria in the blank only. No other surrogate recoveries were reported for the samples or QC. The samples are therefore qualified as (J) because of the unreported surrogates. The retention time window criteria and breakdown criteria were not performed. The extraction and analysis holding times were met.

1998 Samples

For Request 4556, 2 soil samples were analyzed by Kemron for volatile organic compounds by EPA SW-846 Method 8260, semivolatile organic compounds by EPA SW-846 Method 8270 and organochlorinated pesticides/PCBs by EPA SW-846 Method 8081/8082.

- For volatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

- For semivolatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria, with the exception of four analytes. The reporting limits for these analytes are qualified as estimated and biased low (UJ-) because the associated recoveries were low in the LCS and/or MS/MSD as shown in Table C-5.0-3. The extraction and analysis holding times were met.

- For pesticide/PCBs the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The breakdown criteria were within the specified ranges. The retention time window criteria was not met. The reporting limits are for these analytes are regarded as (UJ) as shown in Table C-5.0-3. The extraction and analysis holding times were met.

For Request 4564, 7 soil samples were analyzed by Kemron for volatile organic compounds by EPA SW-846 Method 8260, semivolatile organic compounds by EPA SW-846 Method 8270 and organochlorinated pesticides/PCBs by EPA SW-846 Method 8080.

- For volatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

- For semivolatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

- For pesticide/PCBs the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria. The retention time window criteria and breakdown criteria were within the specified ranges. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria, with the exception of endosulfan I. The reporting limits for this analyte are qualified as estimated and biased low (UJ-) because the associated recoveries were low in the LCS and MS/MSD as shown in Table C-5.0-3. The extraction and analysis holding times were met.

For Request 4570, 2 soil samples were analyzed by Kemron for volatile organic compounds by EPA SW-846 Method 8260, semivolatile organic compounds by EPA SW-846 Method 8270 and organochlorinated pesticides/PCBs by EPA SW-846 Method 8080.

- For volatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

- For semivolatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

- For pesticide/PCBs the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria. The retention time window criteria and breakdown criteria were within the specified ranges. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria, with the exception of endosulfan I. The reporting limits for this analyte are qualified as estimated and biased low (UJ-) because the associated recoveries were low in the LCS and MS/MSD as shown in Table C-5.0-3. The extraction and analysis holding times were met.

For Request 4573, 2 soil samples were analyzed by Kemron for volatile organic compounds by EPA SW-846 Method 8260, semivolatile organic compounds by EPA SW-846 Method 8270 and organochlorinated pesticides/PCBs by EPA SW-846 Method 8080.

- For volatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

- For semivolatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

- For pesticide/PCBs the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria with the exception of RE00-98-0019. The sample reporting limits for this sample should be regarded as estimated and biased low (UJ-) because of the low surrogate recovery as shown in Table C-5.0-3. The retention time window criteria and breakdown criteria were within the specified ranges. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria, with the exception of endosulfan I. The reporting limits for this analyte are qualified as estimated and biased low (UJ-) because the associated recoveries were low in the LCS and MS/MSD as shown in Table C-5.0-3. The extraction and analysis holding times were met.

For Request 4579, 3 soil samples were analyzed by Kemron for volatile organic compounds by EPA SW-846 Method 8260, semivolatile organic compounds by EPA SW-846 Method 8270 and organochlorinated pesticides/PCBs by EPA SW-846 Method 8080.

- For volatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria with the exception of RE00-98-0014 and RE00-98-0015. The reporting limits for these samples should be regarded as estimated and biased low (UJ-) because of low surrogate recoveries as shown in Table C-5.0-3. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

- For semivolatile organic analyses, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The internal standard and surrogate recoveries all passed acceptance criteria. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria, with the exception of 2-Chloronaphthalene. The reporting limits for this analyte are qualified as estimated and biased low (UJ-) because the associated recoveries were low in the LCS and MS/MSD as shown in Table C-5.0-3. The extraction and analysis holding times were met.

- For pesticide/PCBs the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria. The retention time window criteria and breakdown criteria were within the specified ranges. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

1999 Samples

For Request 5539, 15 soil samples were analyzed by Paragon for PCBs by EPA SW-846 Method 8082.

- For PCBs, the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria. The retention time window criteria and breakdown criteria were within the specified ranges. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met. The results qualified as estimated (J) because the results were less than the reporting limit but greater than the method detection limit are shown in Table C-5.0-3.

For Request 6103, 2 soil samples were analyzed by Paragon/ATI for pesticide/PCBs by EPA SW-846 Method 8081/8082. Fifteen samples were also analyzed for pesticides by EPA SW-846 Method 8081.

- For pesticide/PCBs the method blank was below the reporting limits for all target analytes. The initial and continuing calibration verifications passed acceptance criteria. The surrogate recoveries all passed acceptance criteria with the exception of RE00-98-0267. The sample results (detects) and reporting limits (not detects) for this sample should be regarded as estimated and biased low (J-/UJ-) because of the low surrogate recovery as shown in Table C-5.0-3. The retention time window criteria and breakdown criteria were within the specified ranges. The batch quality control samples (LCS and/or MS/MSD) recoveries met acceptance criteria. The extraction and analysis holding times were met.

Table C-5.0-3
Data Quality Evaluation for Organic Sample Analyses

Request	Location ID	Sample ID	Analytical Suite	Analyte	Explanation
17135	00-3724	AAB0275	Pesticides and PCBs	Chlordane[gamma-] DDD[4,4'-] DDT[4,4'-] Dieldrin Endosulfan II Endrin Aldehyde	The results for these analytes should be regarded as estimated (J) because the results were below the practical quantitation limit but above the method detection limit.
17135	00-3725	AAB0278	Pesticides and PCBs	Chlordane[gamma-] DDD[4,4'-] DDE[4,4'-] DDT[4,4'-] Dieldrin Endosulfan II	The results for this analyte should be regarded as estimated (J) because the results were below the practical quantitation limit but above the method detection limit.
17138	00-3724 00-3725	AAB0275 AAB0278	Volatile Organic Compounds	Bromobenzene Butylbenzene[n-] Butylbenzene[sec-] Butylbenzene[tert-] Chlorotoluene[2-] Chlorotoluene[4-] Dibromo-3-chloropropane[1,2-] Dichlorobenzene[1,2-] Dichlorobenzene[1,3-] Dichlorobenzene[1,4-] Isopropyltoluene[4-] Propylbenzene[1-] Tetrachloroethane[1,1,2,2-] Trichloropropane[1,2,3-] Trimethylbenzene[1,2,4-] Trimethylbenzene[1,3,5-]	The reporting limits for these analytes should be regarded as estimated (UJ) because the associated internal standard recoveries were low.

Table C-5.0-3 (continued)

Request	Location ID	Sample ID	Analytical Suite	Analyte	Explanation
17138	00-3725	AAB0278	Volatile Organic Compounds	Acetone	The result for this analyte should be regarded as estimated (J) because the result was below the practical quantitation limit but above the method detection limit.
2729R	00-3731 00-3732 00-3734 00-3733 00-3724 00-3735 00-3736 00-3725 00-5779 00-5780 00-3737	0100-96-2101 0100-96-2102 0100-96-2103 0100-96-2104 0100-96-2105 0100-96-2106 0100-96-2107 0100-96-2108 0100-96-2109 0100-96-2110 0100-96-2111	PCBs	All target analytes	The results for these analytes should be regarded as estimated (J) because no surrogates were reported for these analytes.
4556R	00-3670 00-3670	RE00-98-0031 RE00-98-0032	Pesticides and PCBs	All pesticide target analytes and PCB mixtures	The reporting limits for these analytes should be regarded, as (UJ) because the associated retention time criteria was not met.
4556R	00-3670 00-3670	RE00-98-0031 RE00-98-0032	Semivolatile organic compounds	Bis(2-chloroethoxy)methane 4-Chloroaniline Hexachlorocyclopentadiene 2-Chloronaphthalene	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the associated batch quality control sample recoveries were low.
4564R	00-10122 00-3678 00-10122 00-3665 00-3678 00-3663 00-3665	RE00-98-0017 RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025 RE00-98-0026 RE00-98-0027	Pesticides and PCBs	Endosulfan I	The reporting limits for this analyte should be regarded as estimated and biased low (UJ-) because the associated batch quality control samples were low.
4570R	00-3666 00-3666	RE00-98-0020 RE00-98-0021	Pesticides and PCBs	Endosulfan I	The reporting limits for this analyte should be regarded as estimated and biased low (UJ-) because the associated batch quality control samples were low.

Table C-5.0-3 (continued)

Request	Location ID	Sample ID	Analytical Suite	Analyte	Explanation
4573R	00-3662	RE00-98-0019	Pesticides and PCBs	All pesticide target analytes and PCB mixtures	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the surrogate recoveries associated with these analytes were low.
4573R	00-3662	RE00-98-0002	Pesticides and PCBs	Endosulfan I	The reporting limit for this analyte should be regarded as estimated and biased low (UJ-) because the associated batch quality control samples were low.
4579R	00-10120 00-10120 00-10121	RE00-98-0014 RE00-98-0015 RE00-98-0016	Semivolatile Organic Compounds	2-Chloronaphthalene	The reporting limits for this analyte should be regarded as estimated and biased low (UJ-) because the associated batch quality control samples were low.
4579R	00-10120 00-10120	RE00-98-0014 RE00-98-0015	Volatile Organic Compounds	All Target Analytes	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the surrogate recoveries associated with these analytes was low.
5539R	00-10238 00-10240 00-10246	RE00-99-0171 RE00-99-0173 RE00-99-0179	PCBs	Aroclor-1260	The results for this analyte should be regarded as estimated (J) because the results were below the practical quantitation limit but above the method detection limit.
6103R	00-10232	RE00-99-0267	Pesticides	Chlordane(alpha-) DDT(4,4'-)	The results for these analytes should be regarded as estimated and biased low (J-) because the surrogate recoveries associated with these analytes was low.

Table C-5.0-3 (continued)

Request	Location ID	Sample ID	Analytical Suite	Analyte	Explanation
6103R	00-10232	RE00-99-0267	Pesticides	Aldrin BHC(alpha-) BHC(beta-) BHC(delta-) BHC(gamma-) Chlordane(gamma-) DDD(4,4'-) DDE(4,4'-) Dieldrin Endosulfan I Endosulfan II Endosulfan Sulfate Endrin Endrin Aldehyde Endrin Ketone Heptachlor Heptachlor Epoxide Methoxychlor(4,4'-) Toxaphene (Technical Grade)	The reporting limits for these analytes should be regarded as estimated and biased low (UJ-) because the surrogate recoveries associated with these analytes was low.

C-5.3 Radionuclide Data Review

Radionuclides qualified as non-detected (U) because the results were less than the MDA and those qualified because the result was less than 3 times the 1-sigma total propagated uncertainty are summarized in Table C-5.0-4. These radionuclides are not repeated in the text below.

1993 Samples

For Request 15268, 1 soil sample was analyzed by CST for isotopic plutonium and americium-241 by chemical separation followed by alpha spectroscopy. The samples were also analyzed for tritium by liquid scintillation.

- For isotopic uranium, americium-241 and tritium; a CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and data qualifiers were applied for this request from the FIMAD (electronic) data only. This means the qualifiers were applied from the laboratory and could not be verified.

For Request 15364, 2 soil samples were analyzed by Rust Geotech for isotopic plutonium, isotopic uranium and americium-241 by chemical separation followed by alpha spectroscopy. The samples were also analyzed for gamma emitting radionuclides by gamma spectroscopy.

- For americium-241, isotopic plutonium, isotopic uranium and gamma emitting radionuclides; a CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and data qualifiers were applied for this request from the FIMAD (electronic) data only. This means the qualifiers were applied from the laboratory and could not be verified.

1994 Samples

For Request 17141, 1 soil sample was analyzed by Rust Geotech for isotopic plutonium and americium-241 by chemical separation followed by alpha spectroscopy.

- For americium-241and isotopic uranium, a CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and no data qualifiers were applied for this request.

For Request 18065, 9 soil samples were analyzed by Quanterra for isotopic plutonium by chemical separation followed by alpha spectroscopy. The samples were also analyzed for gamma emitting radionuclides by gamma spectroscopy.

- For isotopic plutonium and gamma emitting radionuclides, a CST level 0 review was done for this data package, therefore no QA/QC data was reviewed and data qualifiers were applied for this request from the FIMAD (electronic) data only. This means the qualifiers were applied from the laboratory and could not be verified.

1998 Samples

For Request 4559, 2 soil samples were analyzed by Paragon for isotopic plutonium, isotopic uranium and americium-241 by chemical separation followed by alpha spectroscopy.

- For americium-241, isotopic plutonium and isotopic uranium; the samples were analyzed using PAI SOP714R4. The method blank results were below the minimum detectable concentrations. The tracer yields and laboratory control sample recoveries all met acceptance criteria.

For Request 4566, 7 soil samples were analyzed by Paragon for isotopic plutonium, isotopic uranium and americium-241 by chemical separation followed by alpha spectroscopy.

- For americium-241, isotopic plutonium and isotopic uranium; the samples were analyzed using PAI SOP714R4. The method blank results were below the minimum detectable concentrations. The tracer yields and laboratory control sample recoveries all met acceptance criteria.

For Request 4572, 2 soil samples were analyzed by Paragon for isotopic plutonium, isotopic uranium and americium-241 by chemical separation followed by alpha spectroscopy.

- For americium-241, isotopic plutonium and isotopic uranium; the samples were analyzed using PAI SOP714R4. The method blank results were below the minimum detectable concentrations. The tracer yields and laboratory control sample recoveries all met acceptance criteria.

For Request 4575, 2 soil samples were analyzed by Paragon for isotopic plutonium, isotopic uranium and americium-241 by chemical separation followed by alpha spectroscopy.

- For americium-241, isotopic plutonium and isotopic uranium; the samples were analyzed using PAI SOP714R4. The method blank results were below the minimum detectable concentrations. The tracer yields and laboratory control sample recoveries all met acceptance criteria.

For Request 4581, 3 soil samples were analyzed by Paragon for isotopic plutonium, isotopic uranium and americium-241 by chemical separation followed by alpha spectroscopy.

- For americium-241, isotopic plutonium and isotopic uranium; the samples were analyzed using PAI SOP714R4. The method blank results were below the minimum detectable concentrations. The tracer yields and laboratory control sample recoveries all met acceptance criteria.

1999 Samples

For Request 5541, 15 soil samples were analyzed by Paragon for isotopic plutonium, isotopic uranium and americium-241 by chemical separation followed by alpha spectroscopy.

- For americium-241, isotopic plutonium and isotopic uranium; the samples were analyzed using PAI SOP714R4. The method blank results were below the minimum detectable concentrations. The tracer yields and laboratory control sample recoveries all met acceptance criteria.

For Request 6106, 2 soil samples were analyzed by Paragon for isotopic plutonium, isotopic uranium and americium-241 by chemical separation followed by alpha spectroscopy.

- For americium-241, isotopic plutonium and isotopic uranium; the samples were analyzed using PAI SOP714R4. The method blank results were below the minimum detectable concentrations. The tracer yields and laboratory control sample recoveries all met acceptance criteria.

Table C-5.0-4
Data Quality Evaluation for Radionuclide Sample Analyses

Request	Location ID	Sample ID	Analytical Suite	Analyte	Explanation
15268	00-3668	AAA1909	Liquid Scintillation	Tritium	The result for this analyte should be regarded as not detected (U) because the result for this analyte was less than three times the 1-sigma total propagated uncertainty.
15364	00-3662	AAA1910	Gamma Spectroscopy	Thorium-232	The result for this analyte should be regarded as not detected (U) because the result for this analyte was less than three times the 1-sigma total propagated uncertainty.
15364	00-3662 00-3663	AAA1910 AAA3563	Alpha Spectroscopy	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results for this analyte were less than three times the 1-sigma total propagated uncertainty.
15364	00-3662 00-3663	AAA1910 AAA3563	Alpha Spectroscopy	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results for this analyte were less than three times the 1-sigma total propagated uncertainty.

Table C-5.0-4 (continued)

Request	Location ID	Sample ID	Analytical Suite	Analyte	Explanation
18065	00-3733 00-3735 00-3738 00-3739 00-3736 00-3737 00-3734 00-3731 00-3732	AAB3573 AAB3574 AAB3575 AAB3576 AAB3577 AAB3578 AAB3579 AAB3580 AAB3581	Alpha Spectroscopy	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results for this analyte were less than three times the 1-sigma total propagated uncertainty.
4559R	00-3670	RE00-98-0032	Alpha Spectroscopy	Americium-241	The result for this analyte should be regarded as not detected (U) because the result was less than the minimum detectable activity.
4559R	00-3670 00-3670	RE00-98-0031 RE00-98-0032	Alpha Spectroscopy	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4566R	00-10122 00-3678 00-10122 00-3665 00-3678 00-3663 00-3665	RE00-98-0017 RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025 RE00-98-0026 RE00-98-0027	Alpha Spectroscopy	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4566R	00-10122 00-3678 00-10122 00-3665 00-3678 00-3663 00-3665	RE00-98-0017 RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025 RE00-98-0026 RE00-98-0027	Alpha Spectroscopy	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4566R	00-3665	RE00-98-0027	Alpha Spectroscopy	Plutonium-239	The result for this analyte should be regarded as not detected (U) because the result for this analyte was less than three times the 1-sigma total propagated uncertainty.
4566R	00-10122 00-3678 00-10122 00-3665 00-3678 00-3663	RE00-98-0017 RE00-98-0022 RE00-98-0023 RE00-98-0024 RE00-98-0025 RE00-98-0026	Alpha Spectroscopy	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.

Table C-5.0-4 (continued)

Request	Location ID	Sample ID	Analytical Suite	Analyte	Explanation
4572R	00-3666 00-3666	RE00-98-0020 RE00-98-0021	Alpha Spectroscopy	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4572R	00-3666 00-3666	RE00-98-0020 RE00-98-0021	Alpha Spectroscopy	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4572R	00-3666 00-3666	RE00-98-0020 RE00-98-0021	Alpha Spectroscopy	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4575R	00-3662 00-3662	RE00-98-0002 RE00-98-0019	Alpha Spectroscopy	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4575R	00-3662 00-3662	RE00-98-0002 RE00-98-0019	Alpha Spectroscopy	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4575R	00-3662 00-3662	RE00-98-0002 RE00-98-0019	Alpha Spectroscopy	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4575R	00-3662	RE00-98-0002	Alpha Spectroscopy	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result for this analyte was less than three times the 1-sigma total propagated uncertainty.
4581R	00-10120	RE00-98-0015	Alpha Spectroscopy	Americium-241	The result for this analyte should be regarded as not detected (U) because the result for this analyte was less than three times the 1-sigma total propagated uncertainty.
4581R	00-10121	RE00-98-0016	Alpha Spectroscopy	Americium-241	The result for this analyte should be regarded as not detected (U) because the result was less than the minimum detectable activity.
4581R	00-10120 00-10120	RE00-98-0014 RE00-98-0015	Alpha Spectroscopy	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
4581R	00-10121	RE00-98-0016	Alpha Spectroscopy	Plutonium-238	The result for this analyte should be regarded as not detected (U) because the result for this analyte was less than three times the 1-sigma total propagated uncertainty.

Table C-5.0-4 (continued)

Request	Location ID	Sample ID	Analytical Suite	Analyte	Explanation
4581R	00-10121	RE00-98-0016	Alpha Spectroscopy	Plutonium-239	The result for this analyte should be regarded as not detected (U) because the result for this analyte was less than three times the 1-sigma total propagated uncertainty.
4581R	00-10121	RE00-98-0016	Alpha Spectroscopy	Uranium-235	The result for this analyte should be regarded as not detected (U) because the result for this analyte was less than three times the 1-sigma total propagated uncertainty.
5541R	00-10240 00-10245	RE00-99-0173 RE00-99-0178	Alpha Spectroscopy	Americium-241	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
5541R	00-10241 00-10242 00-10243 00-10246	RE00-99-0174 RE00-99-0175 RE00-99-0177 RE00-99-0179	Alpha Spectroscopy	Americium-241	The results for this analyte should be regarded as not detected (U) because the results for this analyte were less than three times the 1-sigma total propagated uncertainty.
5541R	00-10233 00-10236 00-10238 00-10240 00-10241 00-10242 00-10243 00-10243 00-10245 00-10246	RE00-99-0167 RE00-99-0169 RE00-99-0171 RE00-99-0173 RE00-99-0174 RE00-99-0175 RE00-99-0176 RE00-99-0177 RE00-99-0178 RE00-99-0179	Alpha Spectroscopy	Plutonium-238	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
5541R	00-10240 00-10242 00-10243 00-10245	RE00-99-0173 RE00-99-0175 RE00-99-0177 RE00-99-0178	Alpha Spectroscopy	Plutonium-239	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.
5541R	00-10232 00-10241 00-10243 00-10245 00-10246	RE00-99-0165 RE00-99-0174 RE00-99-0176 RE00-99-0178 RE00-99-0179	Alpha Spectroscopy	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results for this analyte were less than three times the 1-sigma total propagated uncertainty.
5541R	00-10236 00-10242 00-10243	RE00-99-0169 RE00-99-0175 RE00-99-0177	Alpha Spectroscopy	Uranium-235	The results for this analyte should be regarded as not detected (U) because the results were less than the minimum detectable activity.

Appendix D

Analytical Suites and Results

D-1.0 TARGET ANALYTES AND DETECTION LIMITS

Tables D-1.0-1 through D-1.0-5 include the maximum required reporting limits or quantitation limits in accordance with the ER Project analytical services SOW for contract laboratories (LANL 1995, 49738) and the "Quality Assurance Project Plan Requirements for Sampling and Analysis" (LANL 1996, 54609). In most cases, the reporting limits for the analytes were significantly lower than the detection or quantitation limits reported in these tables. The sample-specific detection or quantitation limits for each analyte are accessible in the FIMAD database. In addition, summary tables presented throughout this report also include these limits as appropriate.

Efforts were made to ensure that detection limits for inorganic analytes were below Laboratory BVs. Instances in which the detection limits were greater than BVs are noted and discussed in section 2.3 of this report.

Table D-1.0-1
Target Analytes for Maximum Required Detection Limits for Inorganic Chemical Analyses

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

Table D-1.0-1 (continued)

Analyte	EPA Sample Preparation Method	Analytical Technique	EDL[a] (mg/kg)
Thallium	7841/3050A	ICPES/GFAA/ICPMS	2
Vanadium	3050A	ICPES	10
Zinc	3050A	ICPES	4

[a] EDL = estimated detection limit.

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

[c] GFAA = graphite furnace atomic absorption

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

[e] CVAA = cold vapor atomic absorption spectroscopy

Table D-1.0-2
Target Analytes and Maximum Required Quantitation Limits for Radiochemical Analyses

Analyte	Soil/Solid EQL (pCi/g)	Analytical Technique[a]
Plutonium-238, -239	0.1	Alpha spectroscopy
Uranium-234, -235, -238	0.1	Alpha spectroscopy
Americium-241	0.1	Alpha spectroscopy
Gamma emitting isotopes[b]	Am-241=1 Cs-137=1 Pb-210=2 Ra-226=1 Th-234=1	Gamma spectroscopy
Tritium	300 pCi/L	Liquid Scintillation

[a] The LANL methods for these analytes are contained in "Health and Environmental Chemistry: Analytical Techniques, Data Management, and Quality Assurance (LANL 1993," 31793).

[b] EQLs are not specified for the other 41 gamma emitting isotopes commonly analyzed; they are determined on a case-specific basis.

Table D-1.0-3
Target Analytes and Maximum Required Detection Limits for SVOC Analyses[a]

Target Analyte	Soil/Solids EQL[b] (μg/kg)	Target Analyte	Soil/Solids EQL[b] (μg/kg)
Acenaphthene	330	4,6-Dinitro-2-methylphenol	1600
Acenaphthylene	330	2,4-Dinitrotolulene	330
Aniline	660	2,6-Dinitrotolulene	330
Anthracene	330	Di-n-octyl phthalate	330
Azobenzene	660	Bis(2-ethylhexyl)phthalate	330
Benz(a)anthracene	330	Fluoranthene	330
Benzoic acid	3300	Fluorene	330
Benzo(b)fluoranthrene	330	Hexachlorobenzene	330

Table D-1.0-3 (continued)

Target Analyte	Soil/Solids EQL[b] (µg/kg)	Target Analyte	Soil/Solids EQL[b] (µg/kg)
Benzo(k)fluoranthrene	330	Hexachlorobutadiene	330
Benzo(g,h,i)perylene	330	Hexachlorocyclopentadiene	330
Benzo(a)pyrene	330	Hexachloroethane	330
Benzyl alcohol	1300	Indeno(1,2,3-cd)pyrene	330
Bis(2-chloroethoxy)methane	330	Isophorone	330
Bis(2-chloroethyl)ether	330	2-Methylnaphthalene	330
4-Bromophenyl phenylether	330	2-Methylphenol	330
Butylbenzylphthalate	330	4-Methylphenol	330
4-Chloroaniline	1300	Naphthalene	330
4Chloro-3-methylphenol	660	2-Nitroaniline	1600
2-Chloronaphthalene	330	3-Nitroaniline	1600
2-Chlorophenol	330	4-Nitroaniline	660
4-Chloropehnyl phenylether	330	Nitrobenzene	330
Chrysene	330	2-Nitrophenol	330
Dibenzo(a,h)anthracene	330	4-Nitrophenol	1600
Dibenzofuran	330	N-Nitrosodimethylamine	330
1,2-Dichlorobenzene	330	N-Nitrosodiphenylamine	330
1,3-Dichlorobenzene	330	N-Nitro-di-n-propylamine	330
1,4-Dichlorobenzene	330	2,2'-oxybis(1-Chloropropane)	330
3,3'-Dichlorobenzidine	660	Pentachlorophenol	1600
2,4-Dichlorophenol	330	Phenanthrene	330
Diethylphthalate	330	Phenol	330
Dimethyl phthalate	330	Pyrene	330
2,4-Dimethylphenol	330	1,2,4-Trichlorobenzene	330
2,4-Dinitrophenol	1600	2,4,5-Trichlorophenol	1600
Di-n-butylphthalate	330	2,4,6-Trichlorophenol	330

[a] All analyses were done by EPA contract laboratory program Method OLM2.0 or the equivalent EPA Method 8270. These methods are based on solvent extraction, concentration, and gas chromatography/mass spectrometry detection and quantitation.

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

Table D-1.0-4
Target Analytes and Maximum Required Quantitation Limits for VOC Analyses[a]

Target Analyte	Soil/Solids (µg/kg)
Chloromethane	10
Vinyl Chloride	10
Bromomethane	10
Chloroethane	10
Acetone	20
Dichlorodifluoromethane	10

Table D-1.0-4 (continued)

Target Analyte	Soil/Solids (µg/kg)
Iodomethane	5
Trichlorotrifluoroethane	5
Trichlorotrifluoromethane	5
Methyl Chloride	5
1,1-Dichloroethane	5
Carbon Disulfide	5
1,1-Dichloroethane	5
1,2-Dichloroethene (total)	10
Bromochloromethane	5
Chloroform	5
1,2-Dichloroethane	5
1,1-Dichloropropene	5
2-Butanone	20
2,2-Dichloropropane	5
1,1,1-Trichloroethane	5
Carbon Tetrachloride	5
Benzene	5
1,2-Dichloropropane	5
Trichloroethene	5
Dibromomethane	5
Bromodichloromethane	5
t-1,3-Dichloropropene	5
c-1,3-Dichloroprepene	5
1,1,2-Trichloroethane	5
1,3-Dichloropropane	5
Chlorodibromomethane	5
4-Methyl-2-Pentanone	20
Toluene	5
2-Hexanone	20
1,2-Dibromenthane	5
Tetrachloroethene	5
Chlorobenzene	5
1,1,1,2-Tetrachloroethane	5
Ethylbenzene	5
o,m,p-Xylene (mixed)	5
Styrene	5
Bromoform	5
1,1,2,2-Tetrachloroethane	5

Table D-1.0-4 (continued)

Target Analyte	Soil/Solids (μg/kg)
1,2,3-Trichloropropane	5
Isopropylbenzene	5
Bromobenzene	5
n-Propylbenzene	5
2-Chlorotolulene	5
4-Chlorotolulene	5
1,3,5-Trimethylbenzene	5
tert-Butylbenzene	5
1,2,4-Trimethylbenzene	5
Sec.-Butylbenzene	5
1,3-Dichlorobenzene	5
1,4-Dichlorobenzene	5
p-Isopropyltoluene	5
1,2-Dichlorobenzene	5
n-Butylbenzene	5
1,2-Dimbromo-3-Chloropropane	10

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

Table D-1.0-5
Target Analytes and Maximum Required Quantitation Limits for Pesticides/PCB Analyses[a]

Analyte	Soil/Solids[b] (μg/kg)
Aldrin	1.65
α-BHC	1.65
β-BHC	1.65
δ-BHC	1.65
γ-BHC (lindane)	1.65
α-Chlordane	1.65
γ-Chlordane	1.65
4,4'-DDD	3.3
4,4'-DDE	3.3
4,4'-DDT	3.3
Dieldrin	3.3
Endosulfan I	1.65
Endosulfan II	3.3
Endosulfan sulfate	3.3
Endrin	3.3

Table D-1.0-5 (continued)

Analyte	Soil/Solids (µg/kg)
Endrin ketone	3.3
Endrin aldehyde	3.3
Heptachlor	1.65
Heptachlor epoxide	1.65
Methoxychlor	16.5
Toxaphene	165
Aroclor-1016	33
Aroclor-1221	66
Aroclor-1232	33
Aroclor-1242	33
Aroclor-1248	33
Aroclor-1254	33
Aroclor-1260	33

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

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

D-2.0 ANALYTE SUITES AND DATA SUMMARY

Table 2.3-1 presents the analyte suites and request numbers for each sample collected during this investigation. 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.

Analytical results are provided in hard copy here (Table D-2.0-1 presents data summary for Laboratory samples and Table D-2.0-2 presents data summary for NMED/DOE OB samples) and electronically (with more detail) in Excel 4.0 spreadsheet format on six 3.5-in. diskettes (in clear plastic binder sleeves). These diskettes are included with those copies of the report that state "Data disks included with this document" on the front cover. The following list indicates which data appear on which diskette:

- Data Disk #1: Inorganic Data
- Data Disk #2: Organic PCB Data
- Data Disk #3: Organic Pesticide and PCB Data
- Data Disk #4: Organic SVOC Data
- Data Disk #5: Organic VOC Data
- Data Disk #6: Radiological Data

Electronic copies of analytical results are also available from the ER Project's FIMAD.

Table 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Acenaphthene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Acenaphthylene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Acetone	20	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aldrin	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aluminum	4200	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Americium-241	0.105	PCI/G	RAD	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aniline	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Anthracene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Antimony	80	NG/G	INORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aroclor-1242	0.5	UG/G	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aroclor-1242	3.2	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aroclor-1254	0.5	UG/G	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aroclor-1254	3.2	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aroclor-1260	0.5	UG/G	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aroclor-1260	3.2	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Aroclors (Mixed)	0.5	UG/G	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Arsenic	1.3	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Azobenzene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Barium	33	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzidine	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzo(a)anthracene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzo(a)pyrene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzo(b)fluoranthene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzo(g,h,i)perylene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzo(k)fluoranthene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzoic Acid	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Benzyl Alcohol	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Beryllium	0.59	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	BHC[alpha-]	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	BHC[beta-]	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	BHC[delta-]	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	BHC[gamma-]	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bis(2-chloroethoxy)methane	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bis(2-chloroethyl)ether	330	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bis(2-ethylhexyl)phthalate	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bromobenzene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bromochloromethane	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bromodichloromethane	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bromoform	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bromomethane	10	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Bromophenyl-phenylether[4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Butanone[2-]	20	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Butylbenzene[n-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Butylbenzene[sec-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Butylbenzene[tert-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Butylbenzylphthalate	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Calcium	980	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Carbon Disulfide	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Carbon Tetrachloride	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chloro-3-methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chloroaniline[4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chlorobenzene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chlorodibromomethane	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chloroethane	10	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chloroform	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chloromethane	10	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chloronaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chlorophenol[2-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chlorophenyl-phenyl[4-] Ether	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chlorotoluene[2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chlorotoluene[4-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chromium, Total	60	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Chrysene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Cobalt	1.2	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Copper	5.4	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Cyanide, Total	325	NG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	DDD[4,4'-]	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	DDE[4,4'-]	0.32	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	DDT[4,4'-]	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dibenz(a,h)anthracene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dibenzofuran	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dibromoethane[1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dibromomethane	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorobenzene[1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorobenzene[1,2-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorobenzene[1,3-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorobenzene[1,3-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorobenzene[1,4-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorobenzene[1,4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorobenzidine[3,3'-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloroethane[1,1-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloroethane[1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloroethene[1,1-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloroethene[cis-1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloroethene[trans-1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichlorophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloropropane[1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloropropane[1,3-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloropropane[2,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloropropene[1,1-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloropropene[cis-1,3-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dichloropropene[trans-1,3-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dieldrin	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Diethylphthalate	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dimethyl Phthalate	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dimethylphenol[2,4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Di-n-butylphthalate	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dinitro-2-methylphenol[4,6-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dinitrophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dinitrotoluene[2,4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Dinitrotoluene[2,6-]	330	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Di-n-octylphthalate	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Endosulfan I	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Endosulfan II	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Endosulfan Sulfate	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Endrin	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Endrin Aldehyde	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Ethylbenzene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Fluoranthene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Fluorene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Gross Alpha Radiation	-11.24	PCI/G	RAD	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Gross Beta Radiation	-14.05	PCI/G	RAD	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Gross Gamma Radiation	-3.7	PCI/G	RAD	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Heptachlor	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Heptachlor Epoxide	0.32	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Hexachlorobenzene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Hexachlorobutadiene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Hexachlorocyclopentadiene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Hexachloroethane	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Hexanone[2-]	20	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Indeno(1,2,3-cd)pyrene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Iodomethane	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Iron	4800	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Isophorone	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Isopropylbenzene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Isopropyltoluene[4-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Lead	15	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Magnesium	540	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Manganese	240	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Methyl-2-pentanone[4-]	20	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Methylene Chloride	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Methylnaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Methylphenol[2-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Naphthalene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nickel	24	UG/G	INORGANIC	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitroaniline[2-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitroaniline[3-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitroaniline[4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitrobenzene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitrophenol[2-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitrophenol[4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitrosodimethylamine[N-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitroso-di-n-propylamine[N-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Nitrosodiphenylamine[N-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Oxybis(1-chloropropane)[2,2'-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Pentachlorophenol	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Phenanthrene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Phenol	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Plutonium-238	0.022	PCI/G	RAD	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Plutonium-239	4.56	PCI/G	RAD	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Potassium	390	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Propylbenzene[1-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Pyrene	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Selenium	0.2	UG/G	INORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Silver	1	UG/G	INORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Sodium	63	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Styrene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Tetrachloroethane[1,1,1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Tetrachloroethane[1,1,2,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Tetrachloroethene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Thallium	40	NG/G	INORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Toluene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichlorobenzene[1,2,4-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichloroethane[1,1,1-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichloroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichloroethene	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichlorofluoromethane	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichlorophenol[2,4,5-]	330	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichlorophenol[2,4,6-]	330	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trichloropropane[1,2,3-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trimethylbenzene[1,2,4-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Trimethylbenzene[1,3,5-]	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Tritium	800	PCI/L	RAD	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Vanadium	5.5	UG/G	INORGANIC	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Water (Unbound)	3.86	%	OTHER	None
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Xylene (Total)	5	UG/KG	ORGANIC	U
00-3668	AAA1909	28-Jul-93	36	96	IN	ALLH	Zinc	24	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Aluminum	2800	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Antimony	80	NG/G	INORGANIC	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Arsenic	1	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Barium	26	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Beryllium	0.83	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Calcium	740	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Chromium, Total	13	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Cobalt	0.5	UG/G	INORGANIC	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Copper	0.6	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Cyanide, Total	200	NG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Gross Alpha Radiation	-11.24	PCI/G	RAD	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Gross Beta Radiation	-23.25	PCI/G	RAD	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Gross Gamma Radiation	-0.2	PCI/G	RAD	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Iron	4200	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Lead	16	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Magnesium	350	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Manganese	210	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Nickel	5.8	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Potassium	290	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Selenium	0.2	UG/G	INORGANIC	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Silver	1	UG/G	INORGANIC	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Sodium	69	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Thallium	40	NG/G	INORGANIC	U
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Vanadium	1.7	UG/G	INORGANIC	None
00-3668	AAA4371	28-Jul-93	12	18	IN	ALLH	Zinc	30	UG/G	INORGANIC	None

Table b 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Aluminum	3200	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Antimony	80	NG/G	INORGANIC	U
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Arsenic	1.9	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Barium	19	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Beryllium	0.43	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Calcium	670	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Chromium, Total	360	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Cobalt	1.8	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Copper	8.8	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Cyanide, Total	267	NG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Gross Alpha Radiation	0	PCI/G	RAD	U
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Gross Beta Radiation	18.89	PCI/G	RAD	U
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Gross Gamma Radiation	-17.3	PCI/G	RAD	U
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Iron	3400	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Lead	5	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Magnesium	410	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Manganese	130	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Nickel	118	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Potassium	300	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Selenium	0.4	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Silver	1	UG/G	INORGANIC	U
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Sodium	72	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Thallium	70	NG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Vanadium	4.5	UG/G	INORGANIC	None
00-3670	AAA4375	29-Jul-93	24	30	IN	ALLH	Zinc	18	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Aluminum	4500	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Antimony	80	NG/G	INORGANIC	U
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Arsenic	1	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Barium	31	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Beryllium	0.64	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Calcium	750	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Chromium, Total	38	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Cobalt	0.9	UG/G	INORGANIC	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Copper	3.1	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Cyanide, Total	189	NG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Gross Alpha Radiation	-16.86	PCI/G	RAD	U
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Gross Beta Radiation	-23.25	PCI/G	RAD	U
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Gross Gamma Radiation	-8	PCI/G	RAD	U
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Iron	4500	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Lead	5	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Magnesium	480	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Manganese	230	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Nickel	2	UG/G	INORGANIC	U
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Potassium	380	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Selenium	0.2	UG/G	INORGANIC	U
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Silver	1	UG/G	INORGANIC	U
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Sodium	100	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Thallium	60	NG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Vanadium	3.5	UG/G	INORGANIC	None
00-3669	AAA4376	29-Jul-93	42	48	IN	ALLH	Zinc	29	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Aluminum	3900	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Antimony	80	NG/G	INORGANIC	U
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Arsenic	0.9	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Barium	33	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Beryllium	0.54	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Calcium	1000	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Chromium, Total	36	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Cobalt	1.3	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Copper	5.7	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Cyanide, Total	266	NG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Gross Alpha Radiation	-11.24	PCI/G	RAD	U
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Gross Beta Radiation	-21.31	PCI/G	RAD	U
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Gross Gamma Radiation	-7.2	PCI/G	RAD	U
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Iron	4200	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Lead	8	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Magnesium	540	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Manganese	230	UG/G	INORGANIC	None

Table L 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Nickel	2	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Potassium	400	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Selenium	0.2	UG/G	INORGANIC	U
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Silver	1	UG/G	INORGANIC	U
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Sodium	120	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Thallium	115	NG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Vanadium	4.4	UG/G	INORGANIC	None
00-3671	AAA4377	29-Jul-93	60	66	IN	ALLH	Zinc	32	UG/G	INORGANIC	None
00-3672	AAA4386	30-Jul-93	8	22	IN	ALLH	Gross Alpha Radiation	0	PCI/G	RAD	U
00-3672	AAA4386	30-Jul-93	8	22	IN	ALLH	Gross Beta Radiation	-20.83	PCI/G	RAD	U
00-3672	AAA4386	30-Jul-93	8	22	IN	ALLH	Gross Gamma Radiation	-0.6	PCI/G	RAD	U
00-3672	AAA4386	30-Jul-93	8	22	IN	ALLH	Lead	15	UG/G	INORGANIC	None
00-3672	AAA4387	30-Jul-93	24	30	IN	ALLH	Gross Alpha Radiation	0	PCI/G	RAD	U
00-3672	AAA4387	30-Jul-93	24	30	IN	ALLH	Gross Beta Radiation	-21.31	PCI/G	RAD	U
00-3672	AAA4387	30-Jul-93	24	30	IN	ALLH	Gross Gamma Radiation	-1	PCI/G	RAD	U
00-3672	AAA4387	30-Jul-93	24	30	IN	ALLH	Lead	19	UG/G	INORGANIC	None
00-3673	AAA4388	30-Jul-93	30	36	IN	ALLH	Gross Alpha Radiation	-11.24	PCI/G	RAD	U
00-3673	AAA4388	30-Jul-93	30	36	IN	ALLH	Gross Beta Radiation	-19.86	PCI/G	RAD	U
00-3673	AAA4388	30-Jul-93	30	36	IN	ALLH	Gross Gamma Radiation	-0.6	PCI/G	RAD	U
00-3673	AAA4388	30-Jul-93	30	36	IN	ALLH	Lead	16	UG/G	INORGANIC	None
00-3674	AAA4389	30-Jul-93	30	36	IN	ALLH	Gross Alpha Radiation	-16.86	PCI/G	RAD	U
00-3674	AAA4389	30-Jul-93	30	36	IN	ALLH	Gross Beta Radiation	-23.25	PCI/G	RAD	U
00-3674	AAA4389	30-Jul-93	30	36	IN	ALLH	Gross Gamma Radiation	-1.8	PCI/G	RAD	U
00-3674	AAA4389	30-Jul-93	30	36	IN	ALLH	Lead	17	UG/G	INORGANIC	None
00-3675	AAA4390	30-Jul-93	66	72	IN	ALLH	Gross Alpha Radiation	5.62	PCI/G	RAD	U
00-3675	AAA4390	30-Jul-93	66	72	IN	ALLH	Gross Beta Radiation	-21.57	PCI/G	RAD	U
00-3675	AAA4390	30-Jul-93	66	72	IN	ALLH	Gross Gamma Radiation	-2.3	PCI/G	RAD	U
00-3675	AAA4390	30-Jul-93	66	72	IN	ALLH	Lead	16	UG/G	INORGANIC	None
00-3676	AAA4391	30-Jul-93	78	84	IN	ALLH	Gross Alpha Radiation	-11.24	PCI/G	RAD	U
00-3676	AAA4391	30-Jul-93	78	84	IN	ALLH	Gross Beta Radiation	3.39	PCI/G	RAD	U
00-3676	AAA4391	30-Jul-93	78	84	IN	ALLH	Gross Gamma Radiation	-4.5	PCI/G	RAD	U
00-3676	AAA4391	30-Jul-93	78	84	IN	ALLH	Lead	29	UG/G	INORGANIC	None
00-3677	AAA4392	30-Jul-93	90	96	IN	ALLH	Gross Alpha Radiation	-11.24	PCI/G	RAD	U
00-3677	AAA4392	30-Jul-93	90	96	IN	ALLH	Gross Beta Radiation	-18.41	PCI/G	RAD	U
00-3677	AAA4392	30-Jul-93	90	96	IN	ALLH	Gross Gamma Radiation	-2.7	PCI/G	RAD	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3677	AAA4392	30-Jul-93	90	96	IN	ALLH	Lead	18	UG/G	INORGANIC	None
00-3678	AAA4393	30-Jul-93	102	108	IN	ALLH	Gross Alpha Radiation	-5.62	PCI/G	RAD	U
00-3678	AAA4393	30-Jul-93	102	108	IN	ALLH	Gross Beta Radiation	-23.73	PCI/G	RAD	U
00-3678	AAA4393	30-Jul-93	102	108	IN	ALLH	Gross Gamma Radiation	-5.9	PCI/G	RAD	U
00-3678	AAA4393	30-Jul-93	102	108	IN	ALLH	Lead	26	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Acenaphthene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Acenaphthylene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Acetone	20	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Aldrin	1.5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Aldrin	1.5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Aluminum	3400	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Americium-241	0.016	PCI/G	RAD	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Americium-241	2.8	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Aniline	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Anthracene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Antimony	80	NG/G	INORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Aroclor-1242	1	UG/G	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Aroclor-1254	1	UG/G	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Aroclor-1260	1	UG/G	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Aroclors (Mixed)	1	UG/G	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Arsenic	1.2	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Azobenzene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Barium	28	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzidine	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzo(a)anthracene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzo(a)pyrene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzo(b)fluoranthene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzo(g,h,i)perylene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzo(k)fluoranthene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzoic Acid	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Benzyl Alcohol	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Beryllium	0.65	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	BHC[alpha-]	1.1	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	BHC[alpha-]	1.1	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	BHC[beta-]	2.3	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	BHC[beta-]	2.3	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	BHC[delta-]	3.4	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	BHC[delta-]	3.4	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	BHC[gamma-]	1.5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	BHC[gamma-]	1.5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bis(2-chloroethoxy)methane	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bis(2-chloroethyl)ether	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bis(2-ethylhexyl)phthalate	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bromobenzene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bromochloromethane	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bromodichloromethane	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bromoform	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bromomethane	10	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Bromophenyl-phenylether[4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Butanone[2-]	20	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Butylbenzene[n-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Butylbenzene[sec-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Butylbenzene[tert-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Butylbenzylphthalate	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Calcium	3700	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Carbon Disulfide	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Carbon Tetrachloride	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Cesium-137	0.331	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chlordane (Technical Grade)	5.3	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chlordane (Technical Grade)	5.3	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chloro-3-methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chloroaniline[4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chlorobenzene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chlorodibromomethane	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chloroethane	10	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chloroform	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chloromethane	10	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chloronaphthalene[2-]	330	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chlorophenol[2-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chlorophenyl-phenyl[4-] Ether	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chlorotoluene[2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chlorotoluene[4-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chromium, Total	2	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Chrysene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Cobalt	1.1	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Cobalt-60	0.239	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Copper	4.7	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Cyanide, Total	141	NG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	DDD[4,4'-]	4.2	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	DDD[4,4'-]	4.2	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	DDE[4,4'-]	1.5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	DDE[4,4'-]	1.5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	DDT[4,4'-]	44	UG/KG	ORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	DDT[4,4'-]	44	UG/KG	ORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dibenz(a,h)anthracene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dibenzofuran	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dibromoethane[1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dibromomethane	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,2-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,3-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,3-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,4-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorobenzidine[3,3'-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloroethane[1,1-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloroethane[1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloroethene[1,1-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloroethene[cis-1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloroethene[trans-1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichlorophenol[2,4-]	330	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloropropane[1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloropropane[1,3-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloropropane[2,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloropropene[1,1-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloropropene[cis-1,3-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dichloropropene[trans-1,3-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dieldrin	0.76	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dieldrin	0.76	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Diethylphthalate	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dimethyl Phthalate	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dimethylphenol[2,4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Di-n-butylphthalate	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dinitro-2-methylphenol[4,6-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dinitrophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dinitrotoluene[2,4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Dinitrotoluene[2,6-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Di-n-octylphthalate	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endosulfan I	5.3	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endosulfan I	5.3	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endosulfan II	1.5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endosulfan II	1.5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endosulfan Sulfate	25	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endosulfan Sulfate	25	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endrin	2.3	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endrin	2.3	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endrin Aldehyde	8.7	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Endrin Aldehyde	8.7	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Ethylbenzene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Fluoranthene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Fluorene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Gross Alpha Radiation	-11.24	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Gross Beta Radiation	-21.8	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Gross Gamma Radiation	0.7	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Heptachlor	1.1	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Heptachlor	1.1	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Heptachlor Epoxide	31	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Heptachlor Epoxide	31	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Hexachlorobenzene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Hexachlorobutadiene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Hexachlorocyclopentadiene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Hexachloroethane	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Hexanone[2-]	20	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Indeno(1,2,3-cd)pyrene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Iodomethane	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Iron	4700	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Isophorone	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Isopropylbenzene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Isopropyltoluene[4-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Lead	7	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Magnesium	490	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Manganese	290	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Methoxychlor[4,4'-]	67	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Methoxychlor[4,4'-]	67	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Methyl-2-pentanone[4-]	20	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Methylene Chloride	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Methylnaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Methylphenol[2-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Naphthalene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nickel	2	UG/G	INORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitroaniline[2-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitroaniline[3-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitroaniline[4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitrobenzene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitrophenol[2-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitrophenol[4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitrosodimethylamine[N-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitroso-di-n-propylamine[N-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Nitrosodiphenylamine[N-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Oxybis(1-chloropropane)[2,2'-]	330	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Pentachlorophenol	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Phenanthrene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Phenol	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Plutonium-238	0.003	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Plutonium-239	0.839	PCI/G	RAD	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Potassium	320	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Potassium-40	35.2	PCI/G	RAD	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Propylbenzene[1-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Pyrene	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Radium-226	1.931	PCI/G	RAD	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Selenium	0.2	UG/G	INORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Silver	1	UG/G	INORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Sodium	91	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Styrene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Tetrachloroethane[1,1,1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Tetrachloroethane[1,1,2,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Tetrachloroethene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Thallium	40	NG/G	INORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Thorium-232	2.552	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Toluene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Toxaphene (Technical Grade)	91	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Toxaphene (Technical Grade)	91	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichlorobenzene[1,2,4-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichloroethane[1,1,1-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichloroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichloroethene	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichlorofluoromethane	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichlorophenol[2,4,5-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichlorophenol[2,4,6-]	330	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trichloropropane[1,2,3-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trimethylbenzene[1,2,4-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Trimethylbenzene[1,3,5-]	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Uranium-234	1.432	PCI/G	RAD	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Uranium-235	0.109	PCI/G	RAD	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Uranium-235	3.55	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Uranium-238	1.412	PCI/G	RAD	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Uranium-238	38	PCI/G	RAD	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Vanadium	5.3	UG/G	INORGANIC	None
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Xylene (Total)	5	UG/KG	ORGANIC	U
00-3662	AAA1910	5-Aug-93	108	114	IN	ALLH	Zinc	38	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Acenaphthene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Acenaphthylene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Acetone	20	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Aldrin	1.5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Aldrin	1.5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Aluminum	4600	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Americium-241	0.039	PCI/G	RAD	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Americium-241	3.89	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Aniline	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Anthracene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Antimony	80	NG/G	INORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Aroclor-1242	1	UG/G	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Aroclor-1254	1	UG/G	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Aroclor-1260	1	UG/G	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Aroclors (Mixed)	1	UG/G	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Arsenic	1.3	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Azobenzene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Barium	33	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzidine	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzo(a)anthracene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzo(a)pyrene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzo(b)fluoranthene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzo(g,h,i)perylene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzo(k)fluoranthene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzoic Acid	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Benzyl Alcohol	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Beryllium	0.67	UG/G	INORGANIC	None

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	BHC[alpha-]	1.1	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	BHC[alpha-]	1.1	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	BHC[beta-]	2.3	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	BHC[beta-]	2.3	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	BHC[delta-]	3.4	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	BHC[delta-]	3.4	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	BHC[gamma-]	1.5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	BHC[gamma-]	1.5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bis(2-chloroethoxy)methane	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bis(2-chloroethyl)ether	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bis(2-ethylhexyl)phthalate	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bromobenzene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bromochloromethane	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bromodichloromethane	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bromoform	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bromomethane	10	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Bromophenyl-phenylether[4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Butanone[2-]	20	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Butylbenzene[n-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Butylbenzene[sec-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Butylbenzene[tert-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Butylbenzylphthalate	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Calcium	7000	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Carbon Disulfide	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Carbon Tetrachloride	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Cesium-137	0.431	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chlordane (Technical Grade)	5.3	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chlordane (Technical Grade)	5.3	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chloro-3-methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chloroaniline[4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chlorobenzene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chlorodibromomethane	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chloroethane	10	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chloroform	5	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chloromethane	10	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chloronaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chlorophenol[2-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chlorophenyl-phenyl[4-] Ether	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chlorotoluene[2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chlorotoluene[4-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chromium, Total	3.4	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Chrysene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Cobalt	0.88	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Cobalt-60	0.435	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Copper	6.4	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Cyanide, Total	144	NG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	DDD[4,4'-]	4.2	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	DDD[4,4'-]	4.2	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	DDE[4,4'-]	1.5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	DDE[4,4'-]	1.5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	DDT[4,4'-]	17	UG/KG	ORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	DDT[4,4'-]	17	UG/KG	ORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dibenz(a,h)anthracene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dibenzofuran	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dibromoethane[1,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dibromomethane	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,2-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,3-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,3-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorobenzene[1,4-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorobenzidine[3,3'-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloroethane[1,1-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloroethane[1,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloroethene[1,1-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloroethene[cis-1,2-]	5	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloroethene[trans-1,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichlorophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloropropane[1,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloropropane[1,3-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloropropane[2,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloropropene[1,1-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloropropene[cis-1,3-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dichloropropene[trans-1,3-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dieldrin	0.76	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dieldrin	0.76	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Diethylphthalate	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dimethyl Phthalate	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dimethylphenol[2,4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Di-n-butylphthalate	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dinitro-2-methylphenol[4,6-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dinitrophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dinitrotoluene[2,4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Dinitrotoluene[2,6-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Di-n-octylphthalate	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endosulfan I	5.3	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endosulfan I	5.3	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endosulfan II	1.5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endosulfan II	1.5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endosulfan Sulfate	25	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endosulfan Sulfate	25	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endrin	2.3	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endrin	2.3	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endrin Aldehyde	8.8	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Endrin Aldehyde	8.8	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Ethylbenzene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Fluoranthene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Fluorene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Gross Alpha Radiation	-16.86	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Gross Beta Radiation	-17.44	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Gross Gamma Radiation	-0.6	PCI/G	RAD	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Heptachlor	1.1	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Heptachlor	1.1	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Heptachlor Epoxide	32	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Heptachlor Epoxide	32	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Hexachlorobenzene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Hexachlorobutadiene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Hexachlorocyclopentadiene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Hexachloroethane	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Hexanone[2-]	20	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Indeno(1,2,3-cd)pyrene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Iodomethane	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Iron	5600	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Isophorone	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Isopropylbenzene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Isopropyltoluene[4-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Lead	5	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Magnesium	700	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Manganese	360	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Methoxychlor[4,4'-]	67	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Methoxychlor[4,4'-]	67	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Methyl-2-pentanone[4-]	20	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Methylene Chloride	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Methylnaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Methylphenol[2-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Naphthalene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nickel	3	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitroaniline[2-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitroaniline[3-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitroaniline[4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitrobenzene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitrophenol[2-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitrophenol[4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitrosodimethylamine[N-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitroso-di-n-propylamine[N-]	330	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Nitrosodiphenylamine[N-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Oxybis(1-chloropropane)[2,2'-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Pentachlorophenol	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Phenanthrene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Phenol	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Plutonium-238	0.01	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Plutonium-239	2.469	PCI/G	RAD	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Potassium	490	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Potassium-40	35.356	PCI/G	RAD	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Propylbenzene[1-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Pyrene	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Radium-226	1.8	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Selenium	0.9	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Silver	1	UG/G	INORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Sodium	93	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Styrene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Tetrachloroethane[1,1,1,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Tetrachloroethane[1,1,2,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Tetrachloroethene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Thallium	40	NG/G	INORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Thorium-232	2.67	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Toluene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Toxaphene (Technical Grade)	91	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Toxaphene (Technical Grade)	91	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichlorobenzene[1,2,4-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichloroethane[1,1,1-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichloroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichloroethene	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichlorofluoromethane	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichlorophenol[2,4,5-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichlorophenol[2,4,6-]	330	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trichloropropane[1,2,3-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trimethylbenzene[1,2,4-]	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Trimethylbenzene[1,3,5-]	5	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Uranium-234	3.005	PCI/G	RAD	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Uranium-235	0.194	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Uranium-235	2.88	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Uranium-238	2.111	PCI/G	RAD	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Uranium-238	40.5	PCI/G	RAD	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Vanadium	6.4	UG/G	INORGANIC	None
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Xylene (Total)	5	UG/KG	ORGANIC	U
00-3663	AAA3563	5-Aug-93	108	114	IN	ALLH	Zinc	55	UG/G	INORGANIC	None
00-3664	AAA4406	5-Aug-93	108	114	IN	ALLH	Gross Alpha Radiation	-16.86	PCI/G	RAD	U
00-3664	AAA4406	5-Aug-93	108	114	IN	ALLH	Gross Beta Radiation	-20.83	PCI/G	RAD	U
00-3664	AAA4406	5-Aug-93	108	114	IN	ALLH	Gross Gamma Radiation	-0.4	PCI/G	RAD	U
00-3664	AAA4406	5-Aug-93	108	114	IN	ALLH	Lead	4	UG/G	INORGANIC	U
00-3665	AAA4407	5-Aug-93	108	114	IN	ALLH	Gross Alpha Radiation	5.62	PCI/G	RAD	U
00-3665	AAA4407	5-Aug-93	108	114	IN	ALLH	Gross Beta Radiation	-19.15	PCI/G	RAD	U
00-3665	AAA4407	5-Aug-93	108	114	IN	ALLH	Gross Gamma Radiation	-0.5	PCI/G	RAD	U
00-3665	AAA4407	5-Aug-93	108	114	IN	ALLH	Lead	12	UG/G	INORGANIC	None
00-3666	AAA4408	5-Aug-93	108	114	IN	ALLH	Gross Alpha Radiation	-11.24	PCI/G	RAD	U
00-3666	AAA4408	5-Aug-93	108	114	IN	ALLH	Gross Beta Radiation	-3.87	PCI/G	RAD	U
00-3666	AAA4408	5-Aug-93	108	114	IN	ALLH	Gross Gamma Radiation	-1.6	PCI/G	RAD	U
00-3666	AAA4408	5-Aug-93	108	114	IN	ALLH	Lead	6	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Acenaphthene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Acenaphthylene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Acetone	20	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aldrin	2	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Americium-241	7.577	PCI/G	RAD	None
00-3724	AAB0275	7-Apr-94				ALLH	Americium-241	2.96	PCI/G	RAD	U
00-3724	AAB0275	7-Apr-94				ALLH	Aniline	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Anthracene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Antimony	0.1	UG/G	INORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1016	38.9	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1221	79	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1232	38	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1242	38	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1242	0.2816	UG/G	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1248	38	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1254	1070	UG/KG	ORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1254	0.2816	UG/G	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1260	38	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Aroclor-1260	0.71	UG/G	ORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Aroclors (Mixed)	0.71	UG/G	ORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Arsenic	1.8	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Azobenzene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Barium	61	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Benzene	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Benzidine	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Benzo(a)anthracene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Benzo(a)pyrene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Benzo(b)fluoranthene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Benzo(g,h,i)perylene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Benzo(k)fluoranthene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Benzoic Acid	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Benzyl Alcohol	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Beryllium	0.4	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	BHC[alpha-]	2	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	BHC[beta-]	2	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	BHC[delta-]	2	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	BHC[gamma-]	2	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Bis(2-chloroethoxy)methane	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Bis(2-chloroethyl)ether	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Bis(2-ethylhexyl)phthalate	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Bromobenzene	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Bromochloromethane	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Bromodichloromethane	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Bromoform	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Bromomethane	10	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Bromophenyl-phenylether[4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Butanone[2-]	31	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Butylbenzene[n-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Butylbenzene[sec-]	5	UG/KG	ORGANIC	UJ

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3724	AAB0275	7-Apr-94				ALLH	Butylbenzene[tert-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Butylbenzylphthalate	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Carbon Disulfide	5.8	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Carbon Tetrachloride	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Cesium-137	-1.4	PCI/G	RAD	U
00-3724	AAB0275	7-Apr-94				ALLH	Chlordane[alpha-]	27.4	UG/KG	ORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Chlordane[gamma-]	12.2	UG/KG	ORGANIC	J
00-3724	AAB0275	7-Apr-94				ALLH	Chloro-3-methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chloroaniline[4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chlorobenzene	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chlorodibromomethane	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chloroethane	10	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chloroform	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chloromethane	10	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chloronaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chlorophenol[2-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chlorophenyl-phenyl[4-] Ether	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Chlorotoluene[2-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Chlorotoluene[4-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Chromium, Total	5.5	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Chrysene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Cobalt-60	0.2	PCI/G	RAD	U
00-3724	AAB0275	7-Apr-94				ALLH	DDD[4,4'-]	10.8	UG/KG	ORGANIC	J
00-3724	AAB0275	7-Apr-94				ALLH	DDE[4,4'-]	3.89	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	DDT[4,4'-]	38.7	UG/KG	ORGANIC	J
00-3724	AAB0275	7-Apr-94				ALLH	Dibenz(a,h)anthracene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dibenzofuran	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Dibromoethane[1,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dibromomethane	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorobenzene[1,2-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorobenzene[1,2-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorobenzene[1,3-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorobenzene[1,3-]	5	UG/KG	ORGANIC	UJ

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorobenzene[1,4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorobenzene[1,4-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorobenzidine[3,3'-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloroethane[1,1-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloroethane[1,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloroethene[1,1-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloroethene[cis-1,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloroethene[trans-1,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichlorophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloropropane[1,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloropropane[1,3-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloropropane[2,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloropropene[1,1-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloropropene[cis-1,3-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dichloropropene[trans-1,3-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dieldrin	43.9	UG/KG	ORGANIC	J
00-3724	AAB0275	7-Apr-94				ALLH	Diethylphthalate	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dimethyl Phthalate	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dimethylphenol[2,4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Di-n-butylphthalate	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dinitro-2-methylphenol[4,6-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dinitrophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dinitrotoluene[2,4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Dinitrotoluene[2,6-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Di-n-octylphthalate	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Endosulfan I	2	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Endosulfan II	21.1	UG/KG	ORGANIC	J
00-3724	AAB0275	7-Apr-94				ALLH	Endosulfan Sulfate	3.89	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Endrin	3.89	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Endrin Aldehyde	8.66	UG/KG	ORGANIC	J
00-3724	AAB0275	7-Apr-94				ALLH	Endrin Ketone	3.89	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Ethylbenzene	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Fluoranthene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Fluorene	330	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3724	AAB0275	7-Apr-94				ALLH	Gross Alpha Radiation	-11.1	PCI/G	RAD	U
00-3724	AAB0275	7-Apr-94				ALLH	Gross Beta Radiation	-48.04	PCI/G	RAD	U
00-3724	AAB0275	7-Apr-94				ALLH	Gross Gamma Radiation	-3.81	PCI/G	RAD	U
00-3724	AAB0275	7-Apr-94				ALLH	Heptachlor	2	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Heptachlor Epoxide	2	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Hexachlorobenzene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Hexachlorobutadiene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Hexachlorocyclopentadiene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Hexachloroethane	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Hexanone[2-]	20	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Indeno(1,2,3-cd)pyrene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Iodomethane	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Isophorone	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Isopropylbenzene	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Isopropyltoluene[4-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Lead	15	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Mercury	0.1	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Methoxychlor[4,4'-]	20	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Methyl-2-pentanone[4-]	20	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Methylene Chloride	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Methylnaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Methylphenol[2-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Naphthalene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nickel	5.8	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Nitroaniline[2-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nitroaniline[3-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nitroaniline[4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nitrobenzene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nitrophenol[2-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nitrophenol[4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nitrosodimethylamine[N-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nitroso-di-n-propylamine[N-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Nitrosodiphenylamine[N-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Oxybis(1-chloropropane)[2,2'-]	330	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3724	AAB0275	7-Apr-94				ALLH	Pentachlorophenol	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Phenanthrene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Phenol	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Plutonium-238	0.644	PCI/G	RAD	None
00-3724	AAB0275	7-Apr-94				ALLH	Plutonium-239	35.116	PCI/G	RAD	None
00-3724	AAB0275	7-Apr-94				ALLH	Propylbenzene[1-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Pyrene	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Selenium	0.4	UG/G	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Silver	1	UG/G	INORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Styrene	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Tetrachloroethane[1,1,1,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Tetrachloroethane[1,1,2,2-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Tetrachloroethene	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Thallium	0.1	UG/G	INORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Toluene	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Toxaphene (Technical Grade)	200	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichlorobenzene[1,2,4-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichloroethane[1,1,1-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichloroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichloroethene	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichlorofluoromethane	5	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichlorophenol[2,4,5-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichlorophenol[2,4,6-]	330	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Trichloropropane[1,2,3-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Trimethylbenzene[1,2,4-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Trimethylbenzene[1,3,5-]	5	UG/KG	ORGANIC	UJ
00-3724	AAB0275	7-Apr-94				ALLH	Uranium	4.4	MG/KG	INORGANIC	None
00-3724	AAB0275	7-Apr-94				ALLH	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3724	AAB0275	7-Apr-94				ALLH	Xylene (Total)	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Acenaphthene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Acenaphthylene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Acetone	22	UG/KG	ORGANIC	J
00-3725	AAB0278	7-Apr-94				ALLH	Aldrin	1.97	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Americium-241	2.108	PCI/G	RAD	None

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3725	AAB0278	7-Apr-94				ALLH	Americium-241	1.38	PCI/G	RAD	U
00-3725	AAB0278	7-Apr-94				ALLH	Aniline	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Anthracene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Antimony	0.1	UG/G	INORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1016	38.3	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1221	77.7	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1232	38.3	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1242	38.3	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1242	0.2757	UG/G	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1248	38.3	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1254	297	UG/KG	ORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1254	0.2757	UG/G	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1260	38.3	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclor-1260	0.2757	UG/G	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Aroclors (Mixed)	0.2757	UG/G	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Arsenic	1.4	UG/G	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Azobenzene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Barium	63	UG/G	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Benzene	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Benzidine	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Benzo(a)anthracene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Benzo(a)pyrene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Benzo(b)fluoranthene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Benzo(g,h,i)perylene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Benzo(k)fluoranthene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Benzoic Acid	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Benzyl Alcohol	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Beryllium	0.58	UG/G	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	BHC[alpha-]	1.97	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	BHC[beta-]	1.97	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	BHC[delta-]	1.97	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	BHC[gamma-]	1.97	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Bis(2-chloroethoxy)methane	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Bis(2-chloroethyl)ether	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Bis(2-ethylhexyl)phthalate	330	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3725	AAB0278	7-Apr-94				ALLH	Bromobenzene	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Bromochloromethane	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Bromodichloromethane	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Bromoform	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Bromomethane	10	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Bromophenyl-phenylether[4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Butanone[2-]	38	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Butylbenzene[n-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Butylbenzene[sec-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Butylbenzene[tert-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Butylbenzylphthalate	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Cadmium	0.4	UG/G	INORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Carbon Disulfide	9.9	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Carbon Tetrachloride	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Cesium-137	-1.74	PCI/G	RAD	U
00-3725	AAB0278	7-Apr-94				ALLH	Chlordane[alpha-]	8.7	UG/KG	ORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Chlordane[gamma-]	2.3	UG/KG	ORGANIC	J
00-3725	AAB0278	7-Apr-94				ALLH	Chloro-3-methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chloroaniline[4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chlorobenzene	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chlorodibromomethane	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chloroethane	10	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chloroform	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chloromethane	10	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chloronaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chlorophenol[2-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chlorophenyl-phenyl[4-] Ether	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Chlorotoluene[2-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Chlorotoluene[4-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Chromium, Total	2.9	UG/G	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Chrysene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Cobalt-60	-0.04	PCI/G	RAD	U
00-3725	AAB0278	7-Apr-94				ALLH	DDD[4,4'-]	4.48	UG/KG	ORGANIC	J
00-3725	AAB0278	7-Apr-94				ALLH	DDE[4,4'-]	6.26	UG/KG	ORGANIC	J
00-3725	AAB0278	7-Apr-94				ALLH	DDT[4,4'-]	19.6	UG/KG	ORGANIC	J

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3725	AAB0278	7-Apr-94				ALLH	Dibenz(a,h)anthracene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dibenzofuran	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Dibromoethane[1,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dibromomethane	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorobenzene[1,2-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorobenzene[1,2-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorobenzene[1,3-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorobenzene[1,3-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorobenzene[1,4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorobenzene[1,4-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorobenzidine[3,3'-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloroethane[1,1-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloroethane[1,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloroethene[1,1-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloroethene[cis-1,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloroethene[trans-1,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichlorophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloropropane[1,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloropropane[1,3-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloropropane[2,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloropropene[1,1-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloropropene[cis-1,3-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dichloropropene[trans-1,3-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dieldrin	7.84	UG/KG	ORGANIC	J
00-3725	AAB0278	7-Apr-94				ALLH	Diethylphthalate	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dimethyl Phthalate	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dimethylphenol[2,4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Di-n-butylphthalate	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dinitro-2-methylphenol[4,6-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dinitrophenol[2,4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dinitrotoluene[2,4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Dinitrotoluene[2,6-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Di-n-octylphthalate	330	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3725	AAB0278	7-Apr-94				ALLH	Endosulfan I	1.97	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Endosulfan II	5.52	UG/KG	ORGANIC	J
00-3725	AAB0278	7-Apr-94				ALLH	Endosulfan Sulfate	3.83	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Endrin	3.83	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Endrin Aldehyde	3.83	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Endrin Ketone	3.83	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Ethylbenzene	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Fluoranthene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Fluorene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Gross Alpha Radiation	-11.1	PCI/G	RAD	U
00-3725	AAB0278	7-Apr-94				ALLH	Gross Beta Radiation	-30.96	PCI/G	RAD	U
00-3725	AAB0278	7-Apr-94				ALLH	Gross Gamma Radiation	1.31	PCI/G	RAD	U
00-3725	AAB0278	7-Apr-94				ALLH	Heptachlor	1.97	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Heptachlor Epoxide	1.97	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Hexachlorobenzene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Hexachlorobutadiene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Hexachlorocyclopentadiene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Hexachloroethane	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Hexanone[2-]	20	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Indeno(1,2,3-cd)pyrene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Iodomethane	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Isophorone	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Isopropylbenzene	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Isopropyltoluene[4-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Lead	11	UG/G	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Mercury	0.1	UG/G	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Methoxychlor[4,4'-]	19.7	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Methyl-2-pentanone[4-]	20	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Methylene Chloride	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Methylnaphthalene[2-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Methylphenol[2-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Methylphenol[4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Naphthalene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Nickel	4.8	UG/G	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Nitroaniline[2-]	330	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3725	AAB0278	7-Apr-94				ALLH	Nitroaniline[3-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Nitroaniline[4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Nitrobenzene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Nitrophenol[2-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Nitrophenol[4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Nitrosodimethylamine[N-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Nitroso-di-n-propylamine[N-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Nitrosodiphenylamine[N-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Oxybis(1-chloropropane)[2,2'-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Pentachlorophenol	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Phenanthrene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Phenol	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Plutonium-238	0.208	PCI/G	RAD	None
00-3725	AAB0278	7-Apr-94				ALLH	Plutonium-239	11.48	PCI/G	RAD	None
00-3725	AAB0278	7-Apr-94				ALLH	Propylbenzene[1-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Pyrene	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Selenium	0.3	UG/G	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Silver	1	UG/G	INORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Styrene	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Tetrachloroethane[1,1,1,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Tetrachloroethane[1,1,2,2-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Tetrachloroethene	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Thallium	0.1	UG/G	INORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Toluene	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Toxaphene (Technical Grade)	197	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichlorobenzene[1,2,4-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichloroethane[1,1,1-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichloroethane[1,1,2-]	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichloroethene	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichlorofluoromethane	5	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichlorophenol[2,4,5-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichlorophenol[2,4,6-]	330	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Trichloropropane[1,2,3-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Trimethylbenzene[1,2,4-]	5	UG/KG	ORGANIC	UJ

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3725	AAB0278	7-Apr-94				ALLH	Trimethylbenzene[1,3,5-]	5	UG/KG	ORGANIC	UJ
00-3725	AAB0278	7-Apr-94				ALLH	Uranium	4.1	MG/KG	INORGANIC	None
00-3725	AAB0278	7-Apr-94				ALLH	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3725	AAB0278	7-Apr-94				ALLH	Xylene (Total)	5	UG/KG	ORGANIC	U
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Americium-241	1.85	PCI/G	RAD	None
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Gross Alpha Radiation	-3.69	PCI/G	RAD	U
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Gross Beta Radiation	10.68	PCI/G	RAD	U
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Gross Gamma Radiation	-0.16	PCI/G	RAD	U
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Plutonium-238	0.192	PCI/G	RAD	U
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Plutonium-238	0.101	PCI/G	RAD	None
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Plutonium-239	13.6	PCI/G	RAD	None
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Plutonium-239	6.76	PCI/G	RAD	None
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Uranium	2.31	UG/G	INORGANIC	R
00-3733	AAB3573	3-Jun-94	2	6	IN	ALLH	Uranium	2.31	UG/G	INORGANIC	None
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Americium-241	2.99	PCI/G	RAD	None
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Gross Alpha Radiation	11.07	PCI/G	RAD	U
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Gross Beta Radiation	14.95	PCI/G	RAD	U
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Gross Gamma Radiation	0.01	PCI/G	RAD	U
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Plutonium-238	0.173	PCI/G	RAD	U
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Plutonium-238	0.149	PCI/G	RAD	None
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Plutonium-239	14.6	PCI/G	RAD	None
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Plutonium-239	7.6	PCI/G	RAD	None
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Uranium	1.91	UG/G	INORGANIC	R
00-3735	AAB3574	3-Jun-94	4		IN	ALLH	Uranium	1.91	UG/G	INORGANIC	None
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Americium-241	1.67	PCI/G	RAD	U
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Gross Alpha Radiation	11.07	PCI/G	RAD	U
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Gross Beta Radiation	21.35	PCI/G	RAD	U
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Gross Gamma Radiation	-0.19	PCI/G	RAD	U
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Plutonium-238	0.191	PCI/G	RAD	U
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Plutonium-238	0.0402	PCI/G	RAD	None
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Plutonium-239	8.42	PCI/G	RAD	None
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Plutonium-239	1.35	PCI/G	RAD	None
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Uranium	1.42	UG/G	INORGANIC	R
00-3738	AAB3575	3-Jun-94	4		IN	ALLH	Uranium	1.42	UG/G	INORGANIC	None
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Americium-241	1.66	PCI/G	RAD	None

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Gross Alpha Radiation	18.45	PCI/G	RAD	U
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Gross Beta Radiation	14.95	PCI/G	RAD	U
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Gross Gamma Radiation	0.98	PCI/G	RAD	U
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Plutonium-238	0.045	PCI/G	RAD	U
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Plutonium-238	0.0976	PCI/G	RAD	None
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Plutonium-239	7.27	PCI/G	RAD	None
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Plutonium-239	4.08	PCI/G	RAD	None
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Uranium	2.19	UG/G	INORGANIC	R
00-3739	AAB3576	3-Jun-94	0	0.5	IN	ALLH	Uranium	2.19	UG/G	INORGANIC	None
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Americium-241	1.64	PCI/G	RAD	U
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Gross Alpha Radiation	3.69	PCI/G	RAD	U
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Gross Beta Radiation	0	PCI/G	RAD	U
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Gross Gamma Radiation	1.04	PCI/G	RAD	U
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Plutonium-238	-0.116	PCI/G	RAD	U
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Plutonium-238	0.0319	PCI/G	RAD	None
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Plutonium-239	4.02	PCI/G	RAD	None
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Plutonium-239	1.9	PCI/G	RAD	None
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Uranium	2.11	UG/G	INORGANIC	R
00-3736	AAB3577	3-Jun-94	4		IN	ALLH	Uranium	2.11	UG/G	INORGANIC	None
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Americium-241	3.95	PCI/G	RAD	None
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Gross Alpha Radiation	-3.69	PCI/G	RAD	U
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Gross Beta Radiation	-34.16	PCI/G	RAD	U
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Gross Gamma Radiation	-1	PCI/G	RAD	U
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Plutonium-238	0.344	PCI/G	RAD	U
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Plutonium-238	0.143	PCI/G	RAD	None
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Plutonium-239	19.5	PCI/G	RAD	None
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Plutonium-239	8.94	PCI/G	RAD	None
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Uranium	3.02	UG/G	INORGANIC	R
00-3737	AAB3578	3-Jun-94	3		IN	ALLH	Uranium	3.02	UG/G	INORGANIC	None
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Americium-241	1.58	PCI/G	RAD	U
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Gross Alpha Radiation	3.69	PCI/G	RAD	U
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Gross Beta Radiation	6.41	PCI/G	RAD	U
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Gross Gamma Radiation	-0.55	PCI/G	RAD	U
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Plutonium-238	0.312	PCI/G	RAD	U
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Plutonium-238	0.0454	PCI/G	RAD	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Plutonium-239	9.87	PCI/G	RAD	None
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Plutonium-239	1.97	PCI/G	RAD	None
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Uranium	1.92	UG/G	INORGANIC	R
00-3734	AAB3579	3-Jun-94	0	2	IN	ALLH	Uranium	1.92	UG/G	INORGANIC	None
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Americium-241	1.1	PCI/G	RAD	None
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Gross Alpha Radiation	3.69	PCI/G	RAD	U
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Gross Beta Radiation	2.14	PCI/G	RAD	U
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Gross Gamma Radiation	-1.86	PCI/G	RAD	U
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Plutonium-238	0.326	PCI/G	RAD	U
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Plutonium-238	0.0773	PCI/G	RAD	None
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Plutonium-239	13.5	PCI/G	RAD	None
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Plutonium-239	4.55	PCI/G	RAD	None
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Uranium	2.22	UG/G	INORGANIC	R
00-3731	AAB3580	3-Jun-94	5		IN	ALLH	Uranium	2.22	UG/G	INORGANIC	None
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Americium-241	0.315	PCI/G	RAD	U
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Gross Alpha Radiation	-3.69	PCI/G	RAD	U
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Gross Beta Radiation	44.84	PCI/G	RAD	U
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Gross Gamma Radiation	-1.39	PCI/G	RAD	U
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Plutonium-238	0.0623	PCI/G	RAD	U
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Plutonium-238	0.0377	PCI/G	RAD	None
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Plutonium-239	11.9	PCI/G	RAD	None
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Plutonium-239	9.15	PCI/G	RAD	None
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Uranium	6.82	UG/G	INORGANIC	R
00-3732	AAB3581	3-Jun-94	6		IN	ALLH	Uranium	6.82	UG/G	INORGANIC	None
00-3731	0100-96-2101	17-Oct-96	3	5	IN	SED	Aroclor-1016	14.6	UG/KG	ORGANIC	U
00-3731	0100-96-2101	17-Oct-96	3	5	IN	SED	Aroclor-1221	14.6	UG/KG	ORGANIC	U
00-3731	0100-96-2101	17-Oct-96	3	5	IN	SED	Aroclor-1232	14.6	UG/KG	ORGANIC	U
00-3731	0100-96-2101	17-Oct-96	3	5	IN	SED	Aroclor-1242	14.6	UG/KG	ORGANIC	U
00-3731	0100-96-2101	17-Oct-96	3	5	IN	SED	Aroclor-1248	14.6	UG/KG	ORGANIC	U
00-3731	0100-96-2101	17-Oct-96	3	5	IN	SED	Aroclor-1254	519	UG/KG	ORGANIC	None
00-3731	0100-96-2101	17-Oct-96	3	5	IN	SED	Aroclor-1260	14.6	UG/KG	ORGANIC	U
00-3732	0100-96-2102	17-Oct-96	3	5	IN	SED	Aroclor-1016	15.5	UG/KG	ORGANIC	U
00-3732	0100-96-2102	17-Oct-96	3	5	IN	SED	Aroclor-1221	15.5	UG/KG	ORGANIC	U
00-3732	0100-96-2102	17-Oct-96	3	5	IN	SED	Aroclor-1232	15.5	UG/KG	ORGANIC	U
00-3732	0100-96-2102	17-Oct-96	3	5	IN	SED	Aroclor-1242	15.5	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3732	0100-96-2102	17-Oct-96	3	5	IN	SED	Aroclor-1248	15.5	UG/KG	ORGANIC	U
00-3732	0100-96-2102	17-Oct-96	3	5	IN	SED	Aroclor-1254	84.2	UG/KG	ORGANIC	None
00-3732	0100-96-2102	17-Oct-96	3	5	IN	SED	Aroclor-1260	15.5	UG/KG	ORGANIC	U
00-3734	0100-96-2103	17-Oct-96	3	5	IN	SED	Aroclor-1016	15.4	UG/KG	ORGANIC	U
00-3734	0100-96-2103	17-Oct-96	3	5	IN	SED	Aroclor-1221	15.4	UG/KG	ORGANIC	U
00-3734	0100-96-2103	17-Oct-96	3	5	IN	SED	Aroclor-1232	15.4	UG/KG	ORGANIC	U
00-3734	0100-96-2103	17-Oct-96	3	5	IN	SED	Aroclor-1242	15.4	UG/KG	ORGANIC	U
00-3734	0100-96-2103	17-Oct-96	3	5	IN	SED	Aroclor-1248	15.4	UG/KG	ORGANIC	U
00-3734	0100-96-2103	17-Oct-96	3	5	IN	SED	Aroclor-1254	423	UG/KG	ORGANIC	None
00-3734	0100-96-2103	17-Oct-96	3	5	IN	SED	Aroclor-1260	15.4	UG/KG	ORGANIC	U
00-3733	0100-96-2104	17-Oct-96	3	5	IN	SED	Aroclor-1016	15.5	UG/KG	ORGANIC	U
00-3733	0100-96-2104	17-Oct-96	3	5	IN	SED	Aroclor-1221	15.5	UG/KG	ORGANIC	U
00-3733	0100-96-2104	17-Oct-96	3	5	IN	SED	Aroclor-1232	15.5	UG/KG	ORGANIC	U
00-3733	0100-96-2104	17-Oct-96	3	5	IN	SED	Aroclor-1242	15.5	UG/KG	ORGANIC	U
00-3733	0100-96-2104	17-Oct-96	3	5	IN	SED	Aroclor-1248	15.5	UG/KG	ORGANIC	U
00-3733	0100-96-2104	17-Oct-96	3	5	IN	SED	Aroclor-1254	656	UG/KG	ORGANIC	None
00-3733	0100-96-2104	17-Oct-96	3	5	IN	SED	Aroclor-1260	15.5	UG/KG	ORGANIC	U
00-3724	0100-96-2105	17-Oct-96	3	5	IN	SED	Aroclor-1016	15.2	UG/KG	ORGANIC	U
00-3724	0100-96-2105	17-Oct-96	3	5	IN	SED	Aroclor-1221	15.2	UG/KG	ORGANIC	U
00-3724	0100-96-2105	17-Oct-96	3	5	IN	SED	Aroclor-1232	15.2	UG/KG	ORGANIC	U
00-3724	0100-96-2105	17-Oct-96	3	5	IN	SED	Aroclor-1242	15.2	UG/KG	ORGANIC	U
00-3724	0100-96-2105	17-Oct-96	3	5	IN	SED	Aroclor-1248	15.2	UG/KG	ORGANIC	U
00-3724	0100-96-2105	17-Oct-96	3	5	IN	SED	Aroclor-1254	264	UG/KG	ORGANIC	None
00-3724	0100-96-2105	17-Oct-96	3	5	IN	SED	Aroclor-1260	15.2	UG/KG	ORGANIC	U
00-3735	0100-96-2106	17-Oct-96	3	5	IN	SED	Aroclor-1016	16.2	UG/KG	ORGANIC	U
00-3735	0100-96-2106	17-Oct-96	3	5	IN	SED	Aroclor-1221	16.2	UG/KG	ORGANIC	U
00-3735	0100-96-2106	17-Oct-96	3	5	IN	SED	Aroclor-1232	16.2	UG/KG	ORGANIC	U
00-3735	0100-96-2106	17-Oct-96	3	5	IN	SED	Aroclor-1242	16.2	UG/KG	ORGANIC	U
00-3735	0100-96-2106	17-Oct-96	3	5	IN	SED	Aroclor-1248	16.2	UG/KG	ORGANIC	U
00-3735	0100-96-2106	17-Oct-96	3	5	IN	SED	Aroclor-1254	611	UG/KG	ORGANIC	None
00-3735	0100-96-2106	17-Oct-96	3	5	IN	SED	Aroclor-1260	16.2	UG/KG	ORGANIC	U
00-3736	0100-96-2107	17-Oct-96	3	5	IN	SED	Aroclor-1016	15	UG/KG	ORGANIC	U
00-3736	0100-96-2107	17-Oct-96	3	5	IN	SED	Aroclor-1221	15	UG/KG	ORGANIC	U
00-3736	0100-96-2107	17-Oct-96	3	5	IN	SED	Aroclor-1232	15	UG/KG	ORGANIC	U
00-3736	0100-96-2107	17-Oct-96	3	5	IN	SED	Aroclor-1242	15	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3736	0100-96-2107	17-Oct-96	3	5	IN	SED	Aroclor-1248	15	UG/KG	ORGANIC	U
00-3736	0100-96-2107	17-Oct-96	3	5	IN	SED	Aroclor-1254	93.5	UG/KG	ORGANIC	None
00-3736	0100-96-2107	17-Oct-96	3	5	IN	SED	Aroclor-1260	15	UG/KG	ORGANIC	U
00-3725	0100-96-2108	17-Oct-96	3	5	IN	SED	Aroclor-1016	15.7	UG/KG	ORGANIC	U
00-3725	0100-96-2108	17-Oct-96	3	5	IN	SED	Aroclor-1221	15.7	UG/KG	ORGANIC	U
00-3725	0100-96-2108	17-Oct-96	3	5	IN	SED	Aroclor-1232	15.7	UG/KG	ORGANIC	U
00-3725	0100-96-2108	17-Oct-96	3	5	IN	SED	Aroclor-1242	15.7	UG/KG	ORGANIC	U
00-3725	0100-96-2108	17-Oct-96	3	5	IN	SED	Aroclor-1248	15.7	UG/KG	ORGANIC	U
00-3725	0100-96-2108	17-Oct-96	3	5	IN	SED	Aroclor-1254	494	UG/KG	ORGANIC	None
00-3725	0100-96-2108	17-Oct-96	3	5	IN	SED	Aroclor-1260	15.7	UG/KG	ORGANIC	U
00-5779	0100-96-2109	17-Oct-96	3	5	IN	SED	Aroclor-1016	14.7	UG/KG	ORGANIC	U
00-5779	0100-96-2109	17-Oct-96	3	5	IN	SED	Aroclor-1221	14.7	UG/KG	ORGANIC	U
00-5779	0100-96-2109	17-Oct-96	3	5	IN	SED	Aroclor-1232	14.7	UG/KG	ORGANIC	U
00-5779	0100-96-2109	17-Oct-96	3	5	IN	SED	Aroclor-1242	14.7	UG/KG	ORGANIC	U
00-5779	0100-96-2109	17-Oct-96	3	5	IN	SED	Aroclor-1248	14.7	UG/KG	ORGANIC	U
00-5779	0100-96-2109	17-Oct-96	3	5	IN	SED	Aroclor-1254	83.4	UG/KG	ORGANIC	None
00-5779	0100-96-2109	17-Oct-96	3	5	IN	SED	Aroclor-1260	14.7	UG/KG	ORGANIC	U
00-5780	0100-96-2110	17-Oct-96	3	5	IN	SED	Aroclor-1016	13.9	UG/KG	ORGANIC	U
00-5780	0100-96-2110	17-Oct-96	3	5	IN	SED	Aroclor-1221	13.9	UG/KG	ORGANIC	U
00-5780	0100-96-2110	17-Oct-96	3	5	IN	SED	Aroclor-1232	13.9	UG/KG	ORGANIC	U
00-5780	0100-96-2110	17-Oct-96	3	5	IN	SED	Aroclor-1242	13.9	UG/KG	ORGANIC	U
00-5780	0100-96-2110	17-Oct-96	3	5	IN	SED	Aroclor-1248	13.9	UG/KG	ORGANIC	U
00-5780	0100-96-2110	17-Oct-96	3	5	IN	SED	Aroclor-1254	828	UG/KG	ORGANIC	None
00-5780	0100-96-2110	17-Oct-96	3	5	IN	SED	Aroclor-1260	13.9	UG/KG	ORGANIC	U
00-3737	0100-96-2111	17-Oct-96	3	5	IN	SED	Aroclor-1016	15.6	UG/KG	ORGANIC	U
00-3737	0100-96-2111	17-Oct-96	3	5	IN	SED	Aroclor-1221	15.6	UG/KG	ORGANIC	U
00-3737	0100-96-2111	17-Oct-96	3	5	IN	SED	Aroclor-1232	15.6	UG/KG	ORGANIC	U
00-3737	0100-96-2111	17-Oct-96	3	5	IN	SED	Aroclor-1242	15.6	UG/KG	ORGANIC	U
00-3737	0100-96-2111	17-Oct-96	3	5	IN	SED	Aroclor-1248	15.6	UG/KG	ORGANIC	U
00-3737	0100-96-2111	17-Oct-96	3	5	IN	SED	Aroclor-1254	778	UG/KG	ORGANIC	None
00-3737	0100-96-2111	17-Oct-96	3	5	IN	SED	Aroclor-1260	15.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Acenaphthene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Acenaphthylene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Acetone	22	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aldrin	1.8	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Americium-241	0.0082	PCI/G	RAD	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aniline	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Anthracene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aroclor-1016	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aroclor-1221	73	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aroclor-1232	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aroclor-1242	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aroclor-1248	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aroclor-1254	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aroclor-1260	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Arsenic	1.6	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Azobenzene	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Benzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Benzo(a)anthracene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Benzo(a)pyrene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Benzo(b)fluoranthene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Benzo(g,h,i)perylene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Benzo(k)fluoranthene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Benzoic Acid	3700	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Benzyl Alcohol	1400	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	BHC[delta-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	BHC[gamma-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bis(2-chloroethoxy)methane	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bis(2-chloroethyl)ether	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bis(2-ethylhexyl)phthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bromobenzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bromochloromethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bromodichloromethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bromoform	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Bromophenyl-phenylether[4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Butanone[2-]	22	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Butylbenzene[n-]	5.6	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Butylbenzene[sec-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Butylbenzene[tert-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Butylbenzylphthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chloro-3-methylphenol[4-]	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chloroaniline[4-]	1400	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chlorobenzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chlorodibromomethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chloroform	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chloronaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chlorophenol[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chlorotoluene[2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chlorotoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chrysene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Aluminum	2600	MG/KG	INORGANIC	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Antimony	11	MG/KG	INORGANIC	R
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Barium	9.7	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Beryllium	0.56	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Cadmium	0.56	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Calcium	350	MG/KG	INORGANIC	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Carbon Disulfide	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Carbon Tetrachloride	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chlordane[alpha-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chlordane[gamma-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Chromium, Total	1.5	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Copper	1.1	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	DDD[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	DDE[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	DDT[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dibenz(a,h)anthracene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dibenzofuran	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dibromoethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dibromomethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,3-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,4-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorobenzidine[3,3'-]	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloroethane[1,1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloroethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloroethene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichlorophenol[2,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloropropane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloropropane[1,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloropropane[2,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloropropene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloropropene[cis-1,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dichloropropene[trans-1,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dieldrin	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Diethylphthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dimethyl Phthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dimethylphenol[2,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Di-n-butylphthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dinitrophenol[2,4-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dinitrotoluene[2,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Dinitrotoluene[2,6-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Di-n-octylphthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Endosulfan II	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Endosulfan Sulfate	3.7	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Endrin	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Endrin Aldehyde	0.37	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Endrin Ketone	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Ethylbenzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Fluoranthene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Fluorene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Heptachlor	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Hexachlorobenzene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Hexachlorobutadiene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Hexachlorocyclopentadiene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Hexachloroethane	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Hexanone[2-]	22	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Indeno(1,2,3-cd)pyrene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Iodomethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Iron	2900	MG/KG	INORGANIC	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Lead	2.5	MG/KG	INORGANIC	J-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Magnesium	300	MG/KG	INORGANIC	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Manganese	140	MG/KG	INORGANIC	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nickel	2.2	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Plutonium-238	0.0095	PCI/G	RAD	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Plutonium-239	-0.0011	PCI/G	RAD	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Potassium	520	MG/KG	INORGANIC	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Selenium	1.1	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Silver	2.2	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Sodium	60	MG/KG	INORGANIC	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Thallium	0.28	MG/KG	INORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Uranium-234	0.669	PCI/G	RAD	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Uranium-235	0.055	PCI/G	RAD	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Uranium-238	0.644	PCI/G	RAD	None
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Vanadium	2.3	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Zinc	18	MG/KG	INORGANIC	J-
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Isophorone	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Isopropylbenzene	5.6	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Isopropyltoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Methyl-2-pentanone[4-]	22	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Methylene Chloride	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Methylnaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Methylphenol[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Methylphenol[4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Naphthalene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitroaniline[2-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitroaniline[3-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitroaniline[4-]	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitrobenzene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitrophenol[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitrophenol[4-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitrosodimethylamine[N-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitroso-di-n-propylamine[N-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Nitrosodiphenylamine[N-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Pentachlorophenol	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Phenanthrene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Phenol	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Propylbenzene[1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Pyrene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Styrene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Tetrachloroethene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Toluene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichlorobenzene[1,2,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichloroethane[1,1,1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichloroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichloroethene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichlorofluoromethane	5.6	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichlorophenol[2,4,5-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichlorophenol[2,4,6-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trichloropropane[1,2,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trimethylbenzene[1,2,4-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Trimethylbenzene[1,3,5-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0024	4-Sep-98	156	168	IN	QBT3	Xylene (Total)	5.6	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Acenaphthene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Acenaphthylene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Acetone	21	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aldrin	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aluminum	2400	MG/KG	INORGANIC	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Americium-241	0.0033	PCI/G	RAD	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aniline	700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Anthracene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Antimony	11	MG/KG	INORGANIC	R
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aroclor-1016	35	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aroclor-1221	70	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aroclor-1232	35	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aroclor-1242	35	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aroclor-1248	35	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aroclor-1254	35	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Aroclor-1260	35	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Arsenic	1.6	MG/KG	INORGANIC	UJ-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Azobenzene	700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Barium	8.4	MG/KG	INORGANIC	UJ-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Benzene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Benzo(a)anthracene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Benzo(a)pyrene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Benzo(b)fluoranthene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Benzo(g,h,i)perylene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Benzo(k)fluoranthene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Benzoic Acid	3500	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Benzyl Alcohol	1400	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Beryllium	0.53	MG/KG	INORGANIC	UJ-

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	BHC[delta-]	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	BHC[gamma-]	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bis(2-chloroethoxy)methane	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bis(2-chloroethyl)ether	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bis(2-ethylhexyl)phthalate	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bromobenzene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bromochloromethane	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bromodichloromethane	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bromoform	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Bromophenyl-phenylether[4-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Butanone[2-]	21	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Butylbenzene[n-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Butylbenzene[sec-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Butylbenzene[tert-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Butylbenzylphthalate	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Cadmium	0.53	MG/KG	INORGANIC	UJ-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Calcium	320	MG/KG	INORGANIC	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Carbon Disulfide	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Carbon Tetrachloride	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chlordane[alpha-]	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chlordane[gamma-]	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chloro-3-methylphenol[4-]	700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chloroaniline[4-]	1400	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chlorobenzene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chlorodibromomethane	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chloroform	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chloronaphthalene[2-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chlorophenol[2-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chlorotoluene[2-]	5.3	UG/KG	ORGANIC	U

Table L 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chlorotoluene[4-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chromium, Total	5.5	MG/KG	INORGANIC	J-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Chrysene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Copper	11	MG/KG	INORGANIC	J-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	DDD[4,4'-]	3.5	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	DDE[4,4'-]	3.5	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	DDT[4,4'-]	3.5	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dibenz(a,h)anthracene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dibenzofuran	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dibromoethane[1,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dibromomethane	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,2-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,3-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,3-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,4-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,4-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorobenzidine[3,3'-]	700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloroethane[1,1-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloroethane[1,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloroethene[1,1-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichlorophenol[2,4-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloropropane[1,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloropropane[1,3-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloropropane[2,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloropropene[1,1-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloropropene[cis-1,3-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dichloropropene[trans-1,3-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dieldrin	3.5	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Diethylphthalate	350	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dimethyl Phthalate	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dimethylphenol[2,4-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Di-n-butylphthalate	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dinitrotoluene[2,4-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Dinitrotoluene[2,6-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Di-n-octylphthalate	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Endosulfan II	3.5	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Endosulfan Sulfate	3.5	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Endrin	3.5	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Endrin Aldehyde	0.35	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Endrin Ketone	3.5	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Ethylbenzene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Fluoranthene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Fluorene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Heptachlor	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Hexachlorobenzene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Hexachlorobutadiene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Hexachlorocyclopentadiene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Hexachloroethane	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Hexanone[2-]	21	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Indeno(1,2,3-cd)pyrene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Iodomethane	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Iron	2600	MG/KG	INORGANIC	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Isophorone	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Isopropylbenzene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Isopropyltoluene[4-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Lead	2.4	MG/KG	INORGANIC	J-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Magnesium	290	MG/KG	INORGANIC	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Manganese	130	MG/KG	INORGANIC	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U

Table 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Methyl-2-pentanone[4-]	21	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Methylene Chloride	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Methylnaphthalene[2-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Methylphenol[2-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Methylphenol[4-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Naphthalene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nickel	4.7	MG/KG	INORGANIC	UJ-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitroaniline[4-]	700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitrobenzene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitrophenol[2-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitrosodimethylamine[N-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitroso-di-n-propylamine[N-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Nitrosodiphenylamine[N-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Phenanthrene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Phenol	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Plutonium-238	0.0045	PCI/G	RAD	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Plutonium-239	0.0035	PCI/G	RAD	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Potassium	630	MG/KG	INORGANIC	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Propylbenzene[1-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Pyrene	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Selenium	0.53	MG/KG	INORGANIC	UJ-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Silver	2.1	MG/KG	INORGANIC	UJ-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Sodium	140	MG/KG	INORGANIC	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Styrene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Tetrachloroethene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Thallium	0.27	MG/KG	INORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Toluene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichlorobenzene[1,2,4-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichloroethane[1,1,1-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichloroethane[1,1,2-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichloroethene	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichlorofluoromethane	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichlorophenol[2,4,6-]	350	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trichloropropane[1,2,3-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trimethylbenzene[1,2,4-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Trimethylbenzene[1,3,5-]	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Uranium-234	0.564	PCI/G	RAD	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Uranium-235	0.044	PCI/G	RAD	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Uranium-238	0.589	PCI/G	RAD	None
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Vanadium	1.9	MG/KG	INORGANIC	UJ-
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Xylene (Total)	5.3	UG/KG	ORGANIC	U
00-3663	RE00-98-0026	3-Sep-98	150	162	IN	QBT3	Zinc	24	MG/KG	INORGANIC	J-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Acenaphthene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Acenaphthylene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Acetone	21	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aldrin	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aluminum	2800	MG/KG	INORGANIC	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Americium-241	0.04	PCI/G	RAD	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aniline	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Anthracene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Antimony	10	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aroclor-1016	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aroclor-1221	68	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aroclor-1232	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aroclor-1242	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aroclor-1248	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aroclor-1254	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Aroclor-1260	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Arsenic	2.1	MG/KG	INORGANIC	UJ-

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Azobenzene	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Barium	16	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Benzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Benzo(a)anthracene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Benzo(a)pyrene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Benzo(b)fluoranthene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Benzo(g,h,i)perylene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Benzo(k)fluoranthene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Benzoic Acid	3400	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Benzyl Alcohol	1300	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Beryllium	0.52	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	BHC[alpha-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	BHC[beta-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	BHC[delta-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	BHC[gamma-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bis(2-chloroethoxy)methane	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bis(2-chloroethyl)ether	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bis(2-ethylhexyl)phthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bromobenzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bromochloromethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bromodichloromethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bromoform	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bromomethane	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Bromophenyl-phenylether[4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Butanone[2-]	21	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Butylbenzene[n-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Butylbenzene[sec-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Butylbenzene[tert-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Butylbenzylphthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Cadmium	0.52	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Calcium	360	MG/KG	INORGANIC	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Carbon Disulfide	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Carbon Tetrachloride	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chlordane[alpha-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chlordane[gamma-]	1.7	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chloro-3-methylphenol[4-]	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chloroaniline[4-]	1300	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chlorobenzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chlorodibromomethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chloroethane	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chloroform	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chloromethane	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chloronaphthalene[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chlorophenol[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chlorotoluene[2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chlorotoluene[4-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chromium, Hexavalent	0.52	MG/KG	INORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chromium, Total	2.8	MG/KG	INORGANIC	J-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Chrysene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Cobalt	1	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Copper	2.1	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	DDD[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	DDE[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	DDT[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dibenz(a,h)anthracene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dibenzofuran	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dibromoethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dibromomethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorobenzene[1,2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorobenzene[1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorobenzene[1,3-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorobenzene[1,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorobenzene[1,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorobenzene[1,4-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorobenzidine[3,3'-]	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloroethane[1,1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloroethane[1,2-]	5.2	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloroethene[1,1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloroethene[cis-1,2-]	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloroethene[trans-1,2-]	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichlorophenol[2,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloropropane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloropropane[1,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloropropane[2,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloropropene[1,1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloropropene[cis-1,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dichloropropene[trans-1,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dieldrin	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Diethylphthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dimethyl Phthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dimethylphenol[2,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Di-n-butylphthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dinitrotoluene[2,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Dinitrotoluene[2,6-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Di-n-octylphthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Endosulfan I	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Endosulfan II	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Endosulfan Sulfate	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Endrin	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Endrin Aldehyde	0.34	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Endrin Ketone	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Ethylbenzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Fluoranthene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Fluorene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Heptachlor	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Heptachlor Epoxide	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Hexachlorobenzene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Hexachlorobutadiene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Hexachlorocyclopentadiene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Hexachloroethane	340	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Hexanone[2-]	21	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Indeno(1,2,3-cd)pyrene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Iodomethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Iron	3900	MG/KG	INORGANIC	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Isophorone	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Isopropylbenzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Isopropyltoluene[4-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Lead	6.8	MG/KG	INORGANIC	J-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Magnesium	390	MG/KG	INORGANIC	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Manganese	150	MG/KG	INORGANIC	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Mercury	0.1	MG/KG	INORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Methoxychlor[4,4'-]	17	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Methyl-2-pentanone[4-]	21	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Methylene Chloride	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Methylnaphthalene[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Methylphenol[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Methylphenol[4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Naphthalene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nickel	2.1	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitroaniline[4-]	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitrobenzene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitrophenol[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitrosodimethylamine[N-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitroso-di-n-propylamine[N-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Nitrosodiphenylamine[N-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Phenanthrene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Phenol	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Plutonium-238	0.0155	PCI/G	RAD	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Plutonium-239	1.338	PCI/G	RAD	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Potassium	390	MG/KG	INORGANIC	None

Table E 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Propylbenzene[1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Pyrene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Selenium	0.78	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Silver	2.1	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Sodium	64	MG/KG	INORGANIC	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Styrene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Tetrachloroethene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Thallium	0.26	MG/KG	INORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Toluene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Toxaphene (Technical Grade)	170	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichlorobenzene[1,2,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichloroethane[1,1,1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichloroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichloroethene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichlorofluoromethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichlorophenol[2,4,6-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trichloropropane[1,2,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trimethylbenzene[1,2,4-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Trimethylbenzene[1,3,5-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Uranium-234	0.749	PCI/G	RAD	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Uranium-235	0.058	PCI/G	RAD	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Uranium-238	0.728	PCI/G	RAD	None
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Vanadium	3.4	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Xylene (Total)	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0031	3-Sep-98	24	36	IN	QBT3	Zinc	24	MG/KG	INORGANIC	J-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Acenaphthene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Acenaphthylene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Acetone	21	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aldrin	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aluminum	4800	MG/KG	INORGANIC	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Americium-241	0.0132	PCI/G	RAD	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aniline	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Anthracene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Antimony	10	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aroclor-1016	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aroclor-1221	68	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aroclor-1232	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aroclor-1242	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aroclor-1248	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aroclor-1254	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Aroclor-1260	34	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Arsenic	2.1	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Azobenzene	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Barium	16	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Benzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Benzo(a)anthracene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Benzo(a)pyrene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Benzo(b)fluoranthene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Benzo(g,h,i)perylene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Benzo(k)fluoranthene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Benzoic Acid	3400	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Benzyl Alcohol	1300	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Beryllium	0.52	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	BHC[alpha-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	BHC[beta-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	BHC[delta-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	BHC[gamma-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bis(2-chloroethoxy)methane	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bis(2-chloroethyl)ether	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bis(2-ethylhexyl)phthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bromobenzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bromochloromethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bromodichloromethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bromoform	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bromomethane	10	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Bromophenyl-phenylether[4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Butanone[2-]	21	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Butylbenzene[n-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Butylbenzene[sec-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Butylbenzene[tert-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Butylbenzylphthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Cadmium	0.52	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Calcium	380	MG/KG	INORGANIC	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Carbon Disulfide	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Carbon Tetrachloride	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chlordane[alpha-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chlordane[gamma-]	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chloro-3-methylphenol[4-]	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chloroaniline[4-]	1300	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chlorobenzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chlorodibromomethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chloroethane	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chloroform	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chloromethane	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chloronaphthalene[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chlorophenol[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chlorotoluene[2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chlorotoluene[4-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chromium, Hexavalent	0.51	MG/KG	INORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chromium, Total	2.3	MG/KG	INORGANIC	J-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Chrysene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Cobalt	1	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Copper	1.6	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	DDD[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	DDE[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	DDT[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dibenz(a,h)anthracene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dibenzofuran	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dibromoethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dibromomethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorobenzene[1,2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorobenzene[1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorobenzene[1,3-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorobenzene[1,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorobenzene[1,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorobenzene[1,4-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorobenzidine[3,3'-]	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloroethane[1,1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloroethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloroethene[1,1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloroethene[cis-1,2-]	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloroethene[trans-1,2-]	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichlorophenol[2,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloropropane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloropropane[1,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloropropane[2,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloropropene[1,1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloropropene[cis-1,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dichloropropene[trans-1,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dieldrin	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Diethylphthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dimethyl Phthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dimethylphenol[2,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Di-n-butylphthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dinitrotoluene[2,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Dinitrotoluene[2,6-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Di-n-octylphthalate	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Endosulfan I	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Endosulfan II	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Endosulfan Sulfate	3.4	UG/KG	ORGANIC	U

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Endrin	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Endrin Aldehyde	0.34	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Endrin Ketone	3.4	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Ethylbenzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Fluoranthene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Fluorene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Heptachlor	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Heptachlor Epoxide	1.7	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Hexachlorobenzene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Hexachlorobutadiene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Hexachlorocyclopentadiene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Hexachloroethane	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Hexanone[2-]	21	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Indeno(1,2,3-cd)pyrene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Iodomethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Iron	5900	MG/KG	INORGANIC	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Isophorone	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Isopropylbenzene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Isopropyltoluene[4-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Lead	6.3	MG/KG	INORGANIC	J-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Magnesium	400	MG/KG	INORGANIC	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Manganese	240	MG/KG	INORGANIC	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Mercury	0.1	MG/KG	INORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Methoxychlor[4,4'-]	17	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Methyl-2-pentanone[4-]	21	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Methylene Chloride	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Methylnaphthalene[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Methylphenol[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Methylphenol[4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Naphthalene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nickel	2.1	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitroaniline[4-]	680	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitrobenzene	340	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitrophenol[2-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitrosodimethylamine[N-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitroso-di-n-propylamine[N-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Nitrosodiphenylamine[N-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Phenanthrene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Phenol	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Plutonium-238	0.0043	PCI/G	RAD	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Plutonium-239	0.339	PCI/G	RAD	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Potassium	560	MG/KG	INORGANIC	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Propylbenzene[1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Pyrene	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Selenium	0.75	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Silver	2.1	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Sodium	59	MG/KG	INORGANIC	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Styrene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Tetrachloroethene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Thallium	0.34	MG/KG	INORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Toluene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Toxaphene (Technical Grade)	170	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichlorobenzene[1,2,4-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichloroethane[1,1,1-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichloroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichloroethene	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichlorofluoromethane	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichlorophenol[2,4,6-]	340	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trichloropropane[1,2,3-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trimethylbenzene[1,2,4-]	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Trimethylbenzene[1,3,5-]	5.2	UG/KG	ORGANIC	U

Table L-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Uranium-234	0.693	PCI/G	RAD	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Uranium-235	0.04	PCI/G	RAD	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Uranium-238	0.713	PCI/G	RAD	None
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Vanadium	3.4	MG/KG	INORGANIC	UJ-
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Xylene (Total)	5.2	UG/KG	ORGANIC	U
00-3670	RE00-98-0032	3-Sep-98	72	84	IN	QBT3	Zinc	19	MG/KG	INORGANIC	J-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Acenaphthene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Acenaphthylene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Acetone	22	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aldrin	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aluminum	1400	MG/KG	INORGANIC	None
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Americium-241	0.005	PCI/G	RAD	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aniline	740	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Anthracene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Antimony	11	MG/KG	INORGANIC	R
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aroclor-1016	37	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aroclor-1221	74	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aroclor-1232	37	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aroclor-1242	37	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aroclor-1248	37	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aroclor-1254	37	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Aroclor-1260	37	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Arsenic	1.3	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Azobenzene	740	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Barium	10	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Benzene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Benzo(a)anthracene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Benzo(a)pyrene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Benzo(b)fluoranthene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Benzo(g,h,i)perylene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Benzo(k)fluoranthene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Benzoic Acid	3700	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Benzyl Alcohol	1500	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Beryllium	0.56	MG/KG	INORGANIC	UJ-

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	BHC[alpha-]	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	BHC[beta-]	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	BHC[delta-]	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	BHC[gamma-]	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bis(2-chloroethoxy)methane	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bis(2-chloroethyl)ether	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bis(2-ethylhexyl)phthalate	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bromobenzene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bromochloromethane	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bromodichloromethane	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bromoform	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Bromophenyl-phenylether[4-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Butanone[2-]	22	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Butylbenzene[n-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Butylbenzene[sec-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Butylbenzene[tert-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Butylbenzylphthalate	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Cadmium	0.56	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Calcium	270	MG/KG	INORGANIC	None
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Carbon Disulfide	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Carbon Tetrachloride	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chlordane[alpha-]	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chlordane[gamma-]	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chloro-3-methylphenol[4-]	740	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chloroaniline[4-]	1500	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chlorobenzene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chlorodibromomethane	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chloroform	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chloronaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chlorophenol[2-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chlorotoluene[2-]	5.6	UG/KG	ORGANIC	U

Table D ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chlorotoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chromium, Total	1.3	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Chrysene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Copper	1.1	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	DDD[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	DDE[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	DDT[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dibenz(a,h)anthracene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dibenzofuran	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dibromoethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dibromomethane	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,2-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,3-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,3-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,4-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,4-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorobenzidine[3,3'-]	740	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloroethane[1,1-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloroethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloroethene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichlorophenol[2,4-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloropropane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloropropane[1,3-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloropropane[2,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloropropene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloropropene[cis-1,3-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dichloropropene[trans-1,3-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dieldrin	3.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Diethylphthalate	370	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dimethyl Phthalate	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dimethylphenol[2,4-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Di-n-butylphthalate	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dinitrophenol[2,4-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dinitrotoluene[2,4-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Dinitrotoluene[2,6-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Di-n-octylphthalate	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Endosulfan I	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Endosulfan II	3.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Endosulfan Sulfate	3.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Endrin	3.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Endrin Aldehyde	0.37	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Endrin Ketone	3.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Ethylbenzene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Fluoranthene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Fluorene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Heptachlor	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Heptachlor Epoxide	1.9	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Hexachlorobenzene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Hexachlorobutadiene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Hexachlorocyclopentadiene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Hexachloroethane	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Hexanone[2-]	22	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Indeno(1,2,3-cd)pyrene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Iodomethane	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Iron	1900	MG/KG	INORGANIC	None
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Isophorone	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Isopropylbenzene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Isopropyltoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Lead	2.3	MG/KG	INORGANIC	J-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Magnesium	160	MG/KG	INORGANIC	None
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Manganese	120	MG/KG	INORGANIC	None
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Methoxychlor[4,4'-]	19	UG/KG	ORGANIC	U

Table [illegible] 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Methyl-2-pentanone[4-]	22	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Methylene Chloride	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Methylnaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Methylphenol[2-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Methylphenol[4-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Naphthalene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nickel	2.2	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitroaniline[2-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitroaniline[3-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitroaniline[4-]	740	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitrobenzene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitrophenol[2-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitrophenol[4-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitrosodimethylamine[N-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitroso-di-n-propylamine[N-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Nitrosodiphenylamine[N-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Pentachlorophenol	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Phenanthrene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Phenol	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Plutonium-238	-0.0034	PCI/G	RAD	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Plutonium-239	0.0044	PCI/G	RAD	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Potassium	290	MG/KG	INORGANIC	None
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Propylbenzene[1-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Pyrene	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Selenium	0.56	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Silver	2.2	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Sodium	55	MG/KG	INORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Styrene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Tetrachloroethene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Thallium	0.28	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Toluene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Toxaphene (Technical Grade)	190	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichlorobenzene[1,2,4-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichloroethane[1,1,1-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichloroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichloroethene	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichlorofluoromethane	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichlorophenol[2,4,5-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichlorophenol[2,4,6-]	370	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trichloropropane[1,2,3-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trimethylbenzene[1,2,4-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Trimethylbenzene[1,3,5-]	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Uranium-234	0.619	PCI/G	RAD	None
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Uranium-235	0.0261	PCI/G	RAD	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Uranium-238	0.625	PCI/G	RAD	None
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Vanadium	1.1	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Xylene (Total)	5.6	UG/KG	ORGANIC	U
00-3662	RE00-98-0002	4-Sep-98	168	180	IN	QBT3	Zinc	18	MG/KG	INORGANIC	J-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Acenaphthene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Acenaphthylene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Acetone	23	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aldrin	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aluminum	4500	MG/KG	INORGANIC	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Americium-241	-0.0011	PCI/G	RAD	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aniline	760	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Anthracene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Antimony	11	MG/KG	INORGANIC	R
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aroclor-1016	38	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aroclor-1221	76	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aroclor-1232	38	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aroclor-1242	38	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aroclor-1248	38	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aroclor-1254	38	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Aroclor-1260	38	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Arsenic	2	MG/KG	INORGANIC	UJ-

Table L _.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Azobenzene	760	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Barium	18	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Benzene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Benzo(a)anthracene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Benzo(a)pyrene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Benzo(b)fluoranthene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Benzo(g,h,i)perylene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Benzo(k)fluoranthene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Benzoic Acid	3800	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Benzyl Alcohol	1500	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Beryllium	0.57	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	BHC[alpha-]	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	BHC[beta-]	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	BHC[delta-]	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	BHC[gamma-]	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bis(2-chloroethoxy)methane	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bis(2-chloroethyl)ether	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bis(2-ethylhexyl)phthalate	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bromobenzene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bromochloromethane	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bromodichloromethane	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bromoform	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Bromophenyl-phenylether[4-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Butanone[2-]	23	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Butylbenzene[n-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Butylbenzene[sec-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Butylbenzene[tert-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Butylbenzylphthalate	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Cadmium	0.57	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Calcium	580	MG/KG	INORGANIC	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Carbon Disulfide	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Carbon Tetrachloride	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chlordane[alpha-]	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chlordane[gamma-]	1.9	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chloro-3-methylphenol[4-]	760	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chloroaniline[4-]	1500	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chlorobenzene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chlorodibromomethane	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chloroform	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chloronaphthalene[2-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chlorophenol[2-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chlorotoluene[2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chlorotoluene[4-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chromium, Total	2.7	MG/KG	INORGANIC	J-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Chrysene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Copper	2.3	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	DDD[4,4'-]	3.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	DDE[4,4'-]	3.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	DDT[4,4'-]	3.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dibenz(a,h)anthracene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dibenzofuran	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dibromoethane[1,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dibromomethane	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,2-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,3-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,3-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,4-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,4-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorobenzidine[3,3'-]	760	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloroethane[1,1-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloroethane[1,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloroethene[1,1-]	5.7	UG/KG	ORGANIC	U

Table L 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichlorophenol[2,4-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloropropane[1,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloropropane[1,3-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloropropane[2,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloropropene[1,1-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloropropene[cis-1,3-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dichloropropene[trans-1,3-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dieldrin	3.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Diethylphthalate	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dimethyl Phthalate	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dimethylphenol[2,4-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Di-n-butylphthalate	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1800	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dinitrophenol[2,4-]	1800	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dinitrotoluene[2,4-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Dinitrotoluene[2,6-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Di-n-octylphthalate	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Endosulfan I	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Endosulfan II	3.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Endosulfan Sulfate	3.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Endrin	3.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Endrin Aldehyde	0.38	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Endrin Ketone	3.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Ethylbenzene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Fluoranthene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Fluorene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Heptachlor	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Heptachlor Epoxide	1.9	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Hexachlorobenzene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Hexachlorobutadiene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Hexachlorocyclopentadiene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Hexachloroethane	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Hexanone[2-]	23	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Indeno(1,2,3-cd)pyrene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Iodomethane	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Iron	3900	MG/KG	INORGANIC	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Isophorone	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Isopropylbenzene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Isopropyltoluene[4-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Lead	3.7	MG/KG	INORGANIC	J-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Magnesium	540	MG/KG	INORGANIC	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Manganese	200	MG/KG	INORGANIC	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Methoxychlor[4,4'-]	19	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Methyl-2-pentanone[4-]	23	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Methylene Chloride	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Methylnaphthalene[2-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Methylphenol[2-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Methylphenol[4-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Naphthalene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nickel	2.3	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitroaniline[2-]	1800	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitroaniline[3-]	1800	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitroaniline[4-]	760	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitrobenzene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitrophenol[2-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitrophenol[4-]	1800	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitrosodimethylamine[N-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitroso-di-n-propylamine[N-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Nitrosodiphenylamine[N-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Pentachlorophenol	1800	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Phenanthrene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Phenol	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Plutonium-238	0.0033	PCI/G	RAD	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Plutonium-239	0.0009	PCI/G	RAD	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Potassium	740	MG/KG	INORGANIC	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Propylbenzene[1-]	5.7	UG/KG	ORGANIC	U

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Pyrene	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Selenium	0.57	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Silver	2.3	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Sodium	78	MG/KG	INORGANIC	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Styrene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Tetrachloroethene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Thallium	0.29	MG/KG	INORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Toluene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Toxaphene (Technical Grade)	190	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichlorobenzene[1,2,4-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichloroethane[1,1,1-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichloroethane[1,1,2-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichloroethene	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichlorofluoromethane	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichlorophenol[2,4,5-]	1800	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichlorophenol[2,4,6-]	380	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trichloropropane[1,2,3-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trimethylbenzene[1,2,4-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Trimethylbenzene[1,3,5-]	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Uranium-234	0.715	PCI/G	RAD	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Uranium-235	0.058	PCI/G	RAD	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Uranium-238	0.714	PCI/G	RAD	None
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Vanadium	3.9	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Xylene (Total)	5.7	UG/KG	ORGANIC	U
00-10122	RE00-98-0017	4-Sep-98	108	120	IN	QBT3	Zinc	18	MG/KG	INORGANIC	J-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Acenaphthene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Acenaphthylene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Acetone	23	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aldrin	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aluminum	2400	MG/KG	INORGANIC	None
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Americium-241	0	PCI/G	RAD	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aniline	760	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Anthracene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Antimony	11	MG/KG	INORGANIC	R
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aroclor-1016	38	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aroclor-1221	76	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aroclor-1232	38	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aroclor-1242	38	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aroclor-1248	38	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aroclor-1254	38	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Aroclor-1260	38	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Arsenic	1.6	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Azobenzene	760	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Barium	14	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Benzene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Benzo(a)anthracene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Benzo(a)pyrene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Benzo(b)fluoranthene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Benzo(g,h,i)perylene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Benzo(k)fluoranthene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Benzoic Acid	3800	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Benzyl Alcohol	1500	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Beryllium	0.57	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	BHC[alpha-]	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	BHC[beta-]	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	BHC[delta-]	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	BHC[gamma-]	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bis(2-chloroethoxy)methane	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bis(2-chloroethyl)ether	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bis(2-ethylhexyl)phthalate	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bromobenzene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bromochloromethane	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bromodichloromethane	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bromoform	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Bromophenyl-phenylether[4-]	380	UG/KG	ORGANIC	U

Table L 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Butanone[2-]	23	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Butylbenzene[n-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Butylbenzene[sec-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Butylbenzene[tert-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Butylbenzylphthalate	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Cadmium	0.57	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Calcium	410	MG/KG	INORGANIC	None
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Carbon Disulfide	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Carbon Tetrachloride	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chlordane[alpha-]	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chlordane[gamma-]	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chloro-3-methylphenol[4-]	760	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chloroaniline[4-]	1500	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chlorobenzene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chlorodibromomethane	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chloroform	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chloronaphthalene[2-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chlorophenol[2-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chlorotoluene[2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chlorotoluene[4-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chromium, Total	2	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Chrysene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Copper	1.2	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	DDD[4,4'-]	3.8	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	DDE[4,4'-]	3.8	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	DDT[4,4'-]	3.8	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dibenz(a,h)anthracene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dibenzofuran	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dibromoethane[1,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dibromomethane	5.7	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorobenzene[1,2-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorobenzene[1,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorobenzene[1,3-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorobenzene[1,3-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorobenzene[1,4-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorobenzene[1,4-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorobenzidine[3,3'-]	760	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloroethane[1,1-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloroethane[1,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloroethene[1,1-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichlorophenol[2,4-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloropropane[1,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloropropane[1,3-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloropropane[2,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloropropene[1,1-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloropropene[cis-1,3-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dichloropropene[trans-1,3-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dieldrin	3.8	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Diethylphthalate	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dimethyl Phthalate	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dimethylphenol[2,4-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Di-n-butylphthalate	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dinitrophenol[2,4-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dinitrotoluene[2,4-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Dinitrotoluene[2,6-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Di-n-octylphthalate	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Endosulfan I	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Endosulfan II	3.8	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Endosulfan Sulfate	3.8	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Endrin	3.8	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Endrin Aldehyde	0.38	UG/KG	ORGANIC	UJ-

Table _ 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Endrin Ketone	3.8	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Ethylbenzene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Fluoranthene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Fluorene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Heptachlor	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Heptachlor Epoxide	1.9	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Hexachlorobenzene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Hexachlorobutadiene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Hexachlorocyclopentadiene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Hexachloroethane	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Hexanone[2-]	23	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Indeno(1,2,3-cd)pyrene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Iodomethane	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Iron	2800	MG/KG	INORGANIC	None
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Isophorone	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Isopropylbenzene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Isopropyltoluene[4-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Lead	2.7	MG/KG	INORGANIC	J-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Magnesium	310	MG/KG	INORGANIC	None
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Manganese	140	MG/KG	INORGANIC	None
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Methoxychlor[4,4'-]	19	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Methyl-2-pentanone[4-]	23	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Methylene Chloride	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Methylnaphthalene[2-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Methylphenol[2-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Methylphenol[4-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Naphthalene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nickel	2.3	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitroaniline[2-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitroaniline[3-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitroaniline[4-]	760	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitrobenzene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitrophenol[2-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitrophenol[4-]	1800	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitrosodimethylamine[N-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitroso-di-n-propylamine[N-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Nitrosodiphenylamine[N-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Pentachlorophenol	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Phenanthrene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Phenol	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Plutonium-238	0.0031	PCI/G	RAD	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Plutonium-239	-0.0027	PCI/G	RAD	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Potassium	530	MG/KG	INORGANIC	None
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Propylbenzene[1-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Pyrene	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Selenium	0.57	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Silver	2.3	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Sodium	53	MG/KG	INORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Styrene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Tetrachloroethene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Thallium	0.29	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Toluene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Toxaphene (Technical Grade)	190	UG/KG	ORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichlorobenzene[1,2,4-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichloroethane[1,1,1-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichloroethane[1,1,2-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichloroethene	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichlorofluoromethane	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichlorophenol[2,4,5-]	1800	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichlorophenol[2,4,6-]	380	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trichloropropane[1,2,3-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trimethylbenzene[1,2,4-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Trimethylbenzene[1,3,5-]	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Uranium-234	0.62	PCI/G	RAD	None
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Uranium-235	0.048	PCI/G	RAD	None

Table L _.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Uranium-238	0.645	PCI/G	RAD	None
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Vanadium	2.4	MG/KG	INORGANIC	UJ-
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Xylene (Total)	5.7	UG/KG	ORGANIC	U
00-3662	RE00-98-0019	4-Sep-98	120	132	IN	QBT3	Zinc	19	MG/KG	INORGANIC	J-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Acenaphthene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Acenaphthylene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Acetone	22	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aldrin	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aluminum	2100	MG/KG	INORGANIC	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Americium-241	0.0027	PCI/G	RAD	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aniline	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Anthracene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Antimony	11	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aroclor-1016	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aroclor-1221	74	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aroclor-1232	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aroclor-1242	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aroclor-1248	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aroclor-1254	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Aroclor-1260	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Arsenic	1.5	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Azobenzene	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Barium	7.6	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Benzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Benzo(a)anthracene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Benzo(a)pyrene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Benzo(b)fluoranthene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Benzo(g,h,i)perylene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Benzo(k)fluoranthene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Benzoic Acid	3700	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Benzyl Alcohol	1500	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Beryllium	0.57	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	BHC[alpha-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	BHC[beta-]	1.9	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	BHC[delta-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	BHC[gamma-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bis(2-chloroethoxy)methane	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bis(2-chloroethyl)ether	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bis(2-ethylhexyl)phthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bromobenzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bromochloromethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bromodichloromethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bromoform	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Bromophenyl-phenylether[4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Butanone[2-]	22	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Butylbenzene[n-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Butylbenzene[sec-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Butylbenzene[tert-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Butylbenzylphthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Cadmium	0.57	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Calcium	350	MG/KG	INORGANIC	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Carbon Disulfide	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Carbon Tetrachloride	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chlordane[alpha-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chlordane[gamma-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chloro-3-methylphenol[4-]	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chloroaniline[4-]	1500	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chlorobenzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chlorodibromomethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chloroform	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chloronaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chlorophenol[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chlorotoluene[2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chlorotoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chromium, Total	1.4	MG/KG	INORGANIC	UJ-

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Chrysene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Copper	1.2	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	DDD[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	DDE[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	DDT[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dibenz(a,h)anthracene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dibenzofuran	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dibromoethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dibromomethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,3-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorobenzene[1,4-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorobenzidine[3,3'-]	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloroethane[1,1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloroethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloroethene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichlorophenol[2,4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloropropane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloropropane[1,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloropropane[2,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloropropene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloropropene[cis-1,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dichloropropene[trans-1,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dieldrin	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Diethylphthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dimethyl Phthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dimethylphenol[2,4-]	370	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Di-n-butylphthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dinitrophenol[2,4-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dinitrotoluene[2,4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Dinitrotoluene[2,6-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Di-n-octylphthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Endosulfan I	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Endosulfan II	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Endosulfan Sulfate	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Endrin	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Endrin Aldehyde	0.37	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Endrin Ketone	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Ethylbenzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Fluoranthene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Fluorene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Heptachlor	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Heptachlor Epoxide	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Hexachlorobenzene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Hexachlorobutadiene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Hexachlorocyclopentadiene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Hexachloroethane	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Hexanone[2-]	22	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Indeno(1,2,3-cd)pyrene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Iodomethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Iron	2700	MG/KG	INORGANIC	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Isophorone	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Isopropylbenzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Isopropyltoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Lead	3.1	MG/KG	INORGANIC	J-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Magnesium	240	MG/KG	INORGANIC	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Manganese	150	MG/KG	INORGANIC	J-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Methoxychlor[4,4'-]	19	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Methyl-2-pentanone[4-]	22	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Methylene Chloride	5.6	UG/KG	ORGANIC	U

Table [illegible]0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Methylnaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Methylphenol[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Methylphenol[4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Naphthalene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nickel	2.3	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitroaniline[2-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitroaniline[3-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitroaniline[4-]	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitrobenzene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitrophenol[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitrophenol[4-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitrosodimethylamine[N-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitroso-di-n-propylamine[N-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Nitrosodiphenylamine[N-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Pentachlorophenol	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Phenanthrene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Phenol	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Plutonium-238	-0.0029	PCI/G	RAD	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Plutonium-239	0.0069	PCI/G	RAD	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Potassium	480	MG/KG	INORGANIC	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Propylbenzene[1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Pyrene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Selenium	0.57	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Silver	2.3	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Sodium	58	MG/KG	INORGANIC	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Styrene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Tetrachloroethene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Thallium	0.28	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Toluene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Toxaphene (Technical Grade)	190	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichlorobenzene[1,2,4-]	370	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichloroethane[1,1,1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichloroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichloroethene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichlorofluoromethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichlorophenol[2,4,5-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichlorophenol[2,4,6-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trichloropropane[1,2,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trimethylbenzene[1,2,4-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Trimethylbenzene[1,3,5-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Uranium-234	1.69	PCI/G	RAD	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Uranium-235	0.066	PCI/G	RAD	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Uranium-238	1.261	PCI/G	RAD	None
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Vanadium	2.1	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Xylene (Total)	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0020	4-Sep-98	168	180	IN	QBT3	Zinc	19	MG/KG	INORGANIC	J-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Acenaphthene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Acenaphthylene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Acetone	22	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aldrin	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aluminum	1700	MG/KG	INORGANIC	None
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Americium-241	0.0078	PCI/G	RAD	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aniline	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Anthracene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Antimony	11	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aroclor-1016	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aroclor-1221	74	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aroclor-1232	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aroclor-1242	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aroclor-1248	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aroclor-1254	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Aroclor-1260	37	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Arsenic	1.4	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Azobenzene	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Barium	4.3	MG/KG	INORGANIC	UJ-

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Benzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Benzo(a)anthracene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Benzo(a)pyrene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Benzo(b)fluoranthene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Benzo(g,h,i)perylene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Benzo(k)fluoranthene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Benzoic Acid	3700	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Benzyl Alcohol	1500	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Beryllium	0.56	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	BHC[alpha-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	BHC[beta-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	BHC[delta-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	BHC[gamma-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bis(2-chloroethoxy)methane	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bis(2-chloroethyl)ether	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bis(2-ethylhexyl)phthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bromobenzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bromochloromethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bromodichloromethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bromoform	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Bromophenyl-phenylether[4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Butanone[2-]	22	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Butylbenzene[n-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Butylbenzene[sec-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Butylbenzene[tert-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Butylbenzylphthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Cadmium	0.56	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Calcium	270	MG/KG	INORGANIC	None
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Carbon Disulfide	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Carbon Tetrachloride	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chlordane[alpha-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chlordane[gamma-]	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chloro-3-methylphenol[4-]	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chloroaniline[4-]	1500	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chlorobenzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chlorodibromomethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chloroform	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chloronaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chlorophenol[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chlorotoluene[2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chlorotoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chromium, Total	1.2	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Chrysene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Copper	1.1	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	DDD[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	DDE[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	DDT[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dibenz(a,h)anthracene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dibenzofuran	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dibromoethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dibromomethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorobenzene[1,2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorobenzene[1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorobenzene[1,3-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorobenzene[1,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorobenzene[1,4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorobenzene[1,4-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorobenzidine[3,3'-]	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloroethane[1,1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloroethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloroethene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U

Table [illegible].0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichlorophenol[2,4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloropropane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloropropane[1,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloropropane[2,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloropropene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloropropene[cis-1,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dichloropropene[trans-1,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dieldrin	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Diethylphthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dimethyl Phthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dimethylphenol[2,4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Di-n-butylphthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dinitrophenol[2,4-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dinitrotoluene[2,4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Dinitrotoluene[2,6-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Di-n-octylphthalate	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Endosulfan I	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Endosulfan II	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Endosulfan Sulfate	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Endrin	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Endrin Aldehyde	0.37	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Endrin Ketone	3.7	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Ethylbenzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Fluoranthene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Fluorene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Heptachlor	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Heptachlor Epoxide	1.9	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Hexachlorobenzene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Hexachlorobutadiene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Hexachlorocyclopentadiene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Hexachloroethane	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Hexanone[2-]	22	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Indeno(1,2,3-cd)pyrene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Iodomethane	5.6	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Iron	2300	MG/KG	INORGANIC	None
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Isophorone	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Isopropylbenzene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Isopropyltoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Lead	1.9	MG/KG	INORGANIC	J-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Magnesium	190	MG/KG	INORGANIC	None
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Manganese	97	MG/KG	INORGANIC	J-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Methoxychlor[4,4'-]	19	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Methyl-2-pentanone[4-]	22	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Methylene Chloride	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Methylnaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Methylphenol[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Methylphenol[4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Naphthalene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nickel	2.2	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitroaniline[2-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitroaniline[3-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitroaniline[4-]	740	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitrobenzene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitrophenol[2-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitrophenol[4-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitrosodimethylamine[N-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitroso-di-n-propylamine[N-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Nitrosodiphenylamine[N-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Pentachlorophenol	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Phenanthrene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Phenol	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Plutonium-238	-0.0037	PCI/G	RAD	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Plutonium-239	0.0129	PCI/G	RAD	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Potassium	370	MG/KG	INORGANIC	None
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Propylbenzene[1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Pyrene	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Selenium	0.56	MG/KG	INORGANIC	UJ-

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Silver	2.2	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Sodium	51	MG/KG	INORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Styrene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Tetrachloroethene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Thallium	0.28	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Toluene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Toxaphene (Technical Grade)	190	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichlorobenzene[1,2,4-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichloroethane[1,1,1-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichloroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichloroethene	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichlorofluoromethane	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichlorophenol[2,4,5-]	1800	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichlorophenol[2,4,6-]	370	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trichloropropane[1,2,3-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trimethylbenzene[1,2,4-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Trimethylbenzene[1,3,5-]	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Uranium-234	1.339	PCI/G	RAD	None
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Uranium-235	0.067	PCI/G	RAD	None
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Uranium-238	1.01	PCI/G	RAD	None
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Vanadium	1.4	MG/KG	INORGANIC	UJ-
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Xylene (Total)	5.6	UG/KG	ORGANIC	U
00-3666	RE00-98-0021	4-Sep-98	126	138	IN	QBT3	Zinc	13	MG/KG	INORGANIC	J-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Acenaphthene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Acenaphthylene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Acetone	21	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aldrin	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aluminum	2000	MG/KG	INORGANIC	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Americium-241	0.0136	PCI/G	RAD	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aniline	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Anthracene	340	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Antimony	10	MG/KG	INORGANIC	R
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aroclor-1016	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aroclor-1221	68	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aroclor-1232	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aroclor-1242	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aroclor-1248	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aroclor-1254	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Aroclor-1260	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Arsenic	1.5	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Azobenzene	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Barium	6.8	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Benzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Benzo(a)anthracene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Benzo(a)pyrene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Benzo(b)fluoranthene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Benzo(g,h,i)perylene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Benzo(k)fluoranthene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Benzoic Acid	3400	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Benzyl Alcohol	1300	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Beryllium	0.52	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	BHC[alpha-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	BHC[beta-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	BHC[delta-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	BHC[gamma-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bis(2-chloroethoxy)methane	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bis(2-chloroethyl)ether	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bis(2-ethylhexyl)phthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bromobenzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bromochloromethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bromodichloromethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bromoform	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bromomethane	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Bromophenyl-phenylether[4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Butanone[2-]	21	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Butylbenzene[n-]	5.2	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Butylbenzene[sec-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Butylbenzene[tert-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Butylbenzylphthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Cadmium	0.52	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Calcium	220	MG/KG	INORGANIC	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Carbon Disulfide	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Carbon Tetrachloride	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chlordane[alpha-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chlordane[gamma-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chloro-3-methylphenol[4-]	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chloroaniline[4-]	1300	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chlorobenzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chlorodibromomethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chloroethane	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chloroform	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chloromethane	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chloronaphthalene[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chlorophenol[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chlorotoluene[2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chlorotoluene[4-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chromium, Total	1.1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Chrysene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Cobalt	1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Copper	1.4	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	DDD[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	DDE[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	DDT[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dibenz(a,h)anthracene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dibenzofuran	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dibromoethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dibromomethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorobenzene[1,2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorobenzene[1,2-]	5.2	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorobenzene[1,3-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorobenzene[1,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorobenzene[1,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorobenzene[1,4-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorobenzidine[3,3'-]	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloroethane[1,1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloroethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloroethene[1,1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloroethene[cis-1,2-]	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloroethene[trans-1,2-]	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichlorophenol[2,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloropropane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloropropane[1,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloropropane[2,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloropropene[1,1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloropropene[cis-1,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dichloropropene[trans-1,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dieldrin	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Diethylphthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dimethyl Phthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dimethylphenol[2,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Di-n-butylphthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dinitrotoluene[2,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Dinitrotoluene[2,6-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Di-n-octylphthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Endosulfan I	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Endosulfan II	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Endosulfan Sulfate	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Endrin	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Endrin Aldehyde	0.34	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Endrin Ketone	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Ethylbenzene	5.2	UG/KG	ORGANIC	U

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Fluoranthene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Fluorene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Heptachlor	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Heptachlor Epoxide	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Hexachlorobenzene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Hexachlorobutadiene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Hexachlorocyclopentadiene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Hexachloroethane	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Hexanone[2-]	21	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Indeno(1,2,3-cd)pyrene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Iodomethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Iron	2700	MG/KG	INORGANIC	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Isophorone	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Isopropylbenzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Isopropyltoluene[4-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Lead	2.4	MG/KG	INORGANIC	J-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Magnesium	180	MG/KG	INORGANIC	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Manganese	150	MG/KG	INORGANIC	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Mercury	0.1	MG/KG	INORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Methoxychlor[4,4'-]	17	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Methyl-2-pentanone[4-]	21	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Methylene Chloride	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Methylnaphthalene[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Methylphenol[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Methylphenol[4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Naphthalene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nickel	2.1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitroaniline[4-]	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitrobenzene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitrophenol[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitrosodimethylamine[N-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitroso-di-n-propylamine[N-]	340	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Nitrosodiphenylamine[N-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Phenanthrene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Phenol	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Plutonium-238	-0.0005	PCI/G	RAD	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Plutonium-239	0.0029	PCI/G	RAD	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Potassium	350	MG/KG	INORGANIC	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Propylbenzene[1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Pyrene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Selenium	0.52	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Silver	2.1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Sodium	62	MG/KG	INORGANIC	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Styrene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Tetrachloroethene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Thallium	0.26	MG/KG	INORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Toluene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Toxaphene (Technical Grade)	170	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichlorobenzene[1,2,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichloroethane[1,1,1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichloroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichloroethene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichlorofluoromethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichlorophenol[2,4,6-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trichloropropane[1,2,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trimethylbenzene[1,2,4-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Trimethylbenzene[1,3,5-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Uranium-234	0.654	PCI/G	RAD	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Uranium-235	0.043	PCI/G	RAD	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Uranium-238	0.705	PCI/G	RAD	None
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Vanadium	1.4	MG/KG	INORGANIC	UJ-

Table D 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Xylene (Total)	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0022	4-Sep-98	102	114	IN	QBT3	Zinc	17	MG/KG	INORGANIC	J-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Acenaphthene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Acenaphthylene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Acetone	22	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aldrin	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aluminum	1900	MG/KG	INORGANIC	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Americium-241	-0.0179	PCI/G	RAD	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aniline	720	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Anthracene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Antimony	11	MG/KG	INORGANIC	R
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aroclor-1016	36	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aroclor-1221	72	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aroclor-1232	36	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aroclor-1242	36	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aroclor-1248	36	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aroclor-1254	36	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Aroclor-1260	36	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Arsenic	1.6	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Azobenzene	720	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Barium	8.1	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Benzene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Benzo(a)anthracene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Benzo(a)pyrene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Benzo(b)fluoranthene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Benzo(g,h,i)perylene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Benzo(k)fluoranthene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Benzoic Acid	3600	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Benzyl Alcohol	1400	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Beryllium	0.54	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	BHC[delta-]	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	BHC[gamma-]	1.8	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bis(2-chloroethoxy)methane	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bis(2-chloroethyl)ether	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bis(2-ethylhexyl)phthalate	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bromobenzene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bromochloromethane	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bromodichloromethane	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bromoform	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Bromophenyl-phenylether[4-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Butanone[2-]	22	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Butylbenzene[n-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Butylbenzene[sec-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Butylbenzene[tert-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Butylbenzylphthalate	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Cadmium	0.54	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Calcium	280	MG/KG	INORGANIC	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Carbon Disulfide	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Carbon Tetrachloride	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chlordane[alpha-]	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chlordane[gamma-]	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chloro-3-methylphenol[4-]	720	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chloroaniline[4-]	1400	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chlorobenzene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chlorodibromomethane	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chloroform	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chloronaphthalene[2-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chlorophenol[2-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chlorotoluene[2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chlorotoluene[4-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chromium, Total	1.3	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Chrysene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-

Table _ 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Copper	1.1	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	DDD[4,4'-]	3.6	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	DDE[4,4'-]	3.6	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	DDT[4,4'-]	3.6	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dibenz(a,h)anthracene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dibenzofuran	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dibromoethane[1,2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dibromomethane	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,2-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,3-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,3-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,4-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorobenzene[1,4-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorobenzidine[3,3'-]	720	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloroethane[1,1-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloroethane[1,2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloroethene[1,1-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichlorophenol[2,4-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloropropane[1,2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloropropane[1,3-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloropropane[2,2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloropropene[1,1-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloropropene[cis-1,3-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dichloropropene[trans-1,3-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dieldrin	3.6	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Diethylphthalate	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dimethyl Phthalate	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dimethylphenol[2,4-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Di-n-butylphthalate	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dinitrotoluene[2,4-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Dinitrotoluene[2,6-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Di-n-octylphthalate	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Endosulfan II	3.6	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Endosulfan Sulfate	3.6	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Endrin	3.6	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Endrin Aldehyde	0.36	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Endrin Ketone	3.6	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Ethylbenzene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Fluoranthene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Fluorene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Heptachlor	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Hexachlorobenzene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Hexachlorobutadiene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Hexachlorocyclopentadiene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Hexachloroethane	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Hexanone[2-]	22	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Indeno(1,2,3-cd)pyrene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Iodomethane	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Iron	2400	MG/KG	INORGANIC	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Isophorone	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Isopropylbenzene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Isopropyltoluene[4-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Lead	2.5	MG/KG	INORGANIC	J-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Magnesium	230	MG/KG	INORGANIC	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Manganese	140	MG/KG	INORGANIC	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Methyl-2-pentanone[4-]	22	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Methylene Chloride	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Methylnaphthalene[2-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Methylphenol[2-]	360	UG/KG	ORGANIC	U

Table [illegible].0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Methylphenol[4-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Naphthalene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nickel	2.2	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitroaniline[4-]	720	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitrobenzene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitrophenol[2-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitrosodimethylamine[N-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitroso-di-n-propylamine[N-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Nitrosodiphenylamine[N-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Phenanthrene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Phenol	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Plutonium-238	0.0073	PCI/G	RAD	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Plutonium-239	-0.0018	PCI/G	RAD	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Potassium	420	MG/KG	INORGANIC	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Propylbenzene[1-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Pyrene	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Selenium	0.54	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Silver	2.2	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Sodium	59	MG/KG	INORGANIC	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Styrene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Tetrachloroethene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Thallium	0.27	MG/KG	INORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Toluene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichlorobenzene[1,2,4-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichloroethane[1,1,1-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichloroethane[1,1,2-]	5.4	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichloroethene	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichlorofluoromethane	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichlorophenol[2,4,6-]	360	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trichloropropane[1,2,3-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trimethylbenzene[1,2,4-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Trimethylbenzene[1,3,5-]	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Uranium-234	0.596	PCI/G	RAD	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Uranium-235	0.0329	PCI/G	RAD	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Uranium-238	0.575	PCI/G	RAD	None
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Vanadium	1.9	MG/KG	INORGANIC	UJ-
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Xylene (Total)	5.4	UG/KG	ORGANIC	U
00-10122	RE00-98-0023	4-Sep-98	156	168	IN	QBT3	Zinc	17	MG/KG	INORGANIC	J-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Acenaphthene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Acenaphthylene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Acetone	21	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aldrin	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aluminum	1900	MG/KG	INORGANIC	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Americium-241	-0.0057	PCI/G	RAD	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aniline	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Anthracene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Antimony	10	MG/KG	INORGANIC	R
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aroclor-1016	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aroclor-1221	68	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aroclor-1232	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aroclor-1242	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aroclor-1248	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aroclor-1254	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Aroclor-1260	34	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Arsenic	1.5	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Azobenzene	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Barium	6	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Benzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Benzo(a)anthracene	340	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Benzo(a)pyrene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Benzo(b)fluoranthene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Benzo(g,h,i)perylene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Benzo(k)fluoranthene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Benzoic Acid	3400	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Benzyl Alcohol	1300	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Beryllium	0.52	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	BHC[alpha-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	BHC[beta-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	BHC[delta-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	BHC[gamma-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bis(2-chloroethoxy)methane	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bis(2-chloroethyl)ether	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bis(2-ethylhexyl)phthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bromobenzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bromochloromethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bromodichloromethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bromoform	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bromomethane	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Bromophenyl-phenylether[4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Butanone[2-]	21	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Butylbenzene[n-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Butylbenzene[sec-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Butylbenzene[tert-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Butylbenzylphthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Cadmium	0.52	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Calcium	270	MG/KG	INORGANIC	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Carbon Disulfide	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Carbon Tetrachloride	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chlordane[alpha-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chlordane[gamma-]	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chloro-3-methylphenol[4-]	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chloroaniline[4-]	1300	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chlorobenzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chlorodibromomethane	5.2	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chloroethane	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chloroform	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chloromethane	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chloronaphthalene[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chlorophenol[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chlorotoluene[2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chlorotoluene[4-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chromium, Total	1.2	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Chrysene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Cobalt	1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Copper	1.1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	DDD[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	DDE[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	DDT[4,4'-]	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dibenz(a,h)anthracene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dibenzofuran	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dibromoethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dibromomethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,3-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorobenzene[1,4-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorobenzidine[3,3'-]	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloroethane[1,1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloroethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloroethene[1,1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloroethene[cis-1,2-]	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloroethene[trans-1,2-]	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichlorophenol[2,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloropropane[1,2-]	5.2	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloropropane[1,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloropropane[2,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloropropene[1,1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloropropene[cis-1,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dichloropropene[trans-1,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dieldrin	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Diethylphthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dimethyl Phthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dimethylphenol[2,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Di-n-butylphthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dinitrotoluene[2,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Dinitrotoluene[2,6-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Di-n-octylphthalate	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Endosulfan I	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Endosulfan II	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Endosulfan Sulfate	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Endrin	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Endrin Aldehyde	0.34	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Endrin Ketone	3.4	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Ethylbenzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Fluoranthene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Fluorene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Heptachlor	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Heptachlor Epoxide	1.7	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Hexachlorobenzene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Hexachlorobutadiene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Hexachlorocyclopentadiene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Hexachloroethane	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Hexanone[2-]	21	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Indeno(1,2,3-cd)pyrene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Iodomethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Iron	2500	MG/KG	INORGANIC	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Isophorone	340	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Isopropylbenzene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Isopropyltoluene[4-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Lead	2.2	MG/KG	INORGANIC	J-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Magnesium	220	MG/KG	INORGANIC	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Manganese	130	MG/KG	INORGANIC	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Mercury	0.1	MG/KG	INORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Methoxychlor[4,4'-]	17	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Methyl-2-pentanone[4-]	21	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Methylene Chloride	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Methylnaphthalene[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Methylphenol[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Methylphenol[4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Naphthalene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nickel	2.1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitroaniline[4-]	680	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitrobenzene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitrophenol[2-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitrosodimethylamine[N-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitroso-di-n-propylamine[N-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Nitrosodiphenylamine[N-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Phenanthrene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Phenol	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Plutonium-238	0.0024	PCI/G	RAD	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Plutonium-239	0.0189	PCI/G	RAD	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Potassium	370	MG/KG	INORGANIC	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Propylbenzene[1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Pyrene	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Selenium	1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Silver	2.1	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Sodium	57	MG/KG	INORGANIC	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Styrene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Tetrachloroethene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Thallium	0.26	MG/KG	INORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Toluene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Toxaphene (Technical Grade)	170	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichlorobenzene[1,2,4-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichloroethane[1,1,1-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichloroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichloroethene	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichlorofluoromethane	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichlorophenol[2,4,6-]	340	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trichloropropane[1,2,3-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trimethylbenzene[1,2,4-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Trimethylbenzene[1,3,5-]	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Uranium-234	0.609	PCI/G	RAD	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Uranium-235	0.042	PCI/G	RAD	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Uranium-238	0.625	PCI/G	RAD	None
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Vanadium	1.5	MG/KG	INORGANIC	UJ-
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Xylene (Total)	5.2	UG/KG	ORGANIC	U
00-3678	RE00-98-0025	4-Sep-98	150	162	IN	QBT3	Zinc	18	MG/KG	INORGANIC	J-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Acenaphthene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Acenaphthylene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Acetone	22	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aldrin	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aluminum	6300	MG/KG	INORGANIC	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Americium-241	0.0107	PCI/G	RAD	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aniline	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Anthracene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Antimony	11	MG/KG	INORGANIC	R
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aroclor-1016	37	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aroclor-1221	73	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aroclor-1232	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aroclor-1242	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aroclor-1248	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aroclor-1254	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Aroclor-1260	37	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Arsenic	2.1	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Azobenzene	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Barium	36	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Benzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Benzo(a)anthracene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Benzo(a)pyrene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Benzo(b)fluoranthene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Benzo(g,h,i)perylene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Benzo(k)fluoranthene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Benzoic Acid	3700	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Benzyl Alcohol	1400	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Beryllium	0.56	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	BHC[delta-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	BHC[gamma-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bis(2-chloroethoxy)methane	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bis(2-chloroethyl)ether	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bis(2-ethylhexyl)phthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bromobenzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bromochloromethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bromodichloromethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bromoform	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Bromophenyl-phenylether[4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Butanone[2-]	22	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Butylbenzene[n-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Butylbenzene[sec-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Butylbenzene[tert-]	5.6	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Butylbenzylphthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Cadmium	0.56	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Calcium	960	MG/KG	INORGANIC	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Carbon Disulfide	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Carbon Tetrachloride	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chlordane[alpha-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chlordane[gamma-]	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chloro-3-methylphenol[4-]	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chloroaniline[4-]	1400	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chlorobenzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chlorodibromomethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chloroform	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chloronaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chlorophenol[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chlorotoluene[2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chlorotoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chromium, Total	3.3	MG/KG	INORGANIC	J-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Chrysene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Copper	2.3	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	DDD[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	DDE[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	DDT[4,4'-]	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dibenz(a,h)anthracene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dibenzofuran	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dibromoethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dibromomethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,3-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,3-]	5.6	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorobenzene[1,4-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorobenzidine[3,3'-]	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloroethane[1,1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloroethane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloroethene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichlorophenol[2,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloropropane[1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloropropane[1,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloropropane[2,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloropropene[1,1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloropropene[cis-1,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dichloropropene[trans-1,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dieldrin	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Diethylphthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dimethyl Phthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dimethylphenol[2,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Di-n-butylphthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dinitrophenol[2,4-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dinitrotoluene[2,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Dinitrotoluene[2,6-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Di-n-octylphthalate	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Endosulfan II	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Endosulfan Sulfate	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Endrin	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Endrin Aldehyde	0.37	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Endrin Ketone	3.7	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Ethylbenzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Fluoranthene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Fluorene	370	UG/KG	ORGANIC	U

Table D 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Heptachlor	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Hexachlorobenzene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Hexachlorobutadiene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Hexachlorocyclopentadiene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Hexachloroethane	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Hexanone[2-]	22	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Indeno(1,2,3-cd)pyrene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Iodomethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Iron	4000	MG/KG	INORGANIC	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Isophorone	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Isopropylbenzene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Isopropyltoluene[4-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Lead	3.5	MG/KG	INORGANIC	J-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Magnesium	810	MG/KG	INORGANIC	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Manganese	95	MG/KG	INORGANIC	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Methyl-2-pentanone[4-]	22	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Methylene Chloride	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Methylnaphthalene[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Methylphenol[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Methylphenol[4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Naphthalene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nickel	2.2	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitroaniline[2-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitroaniline[3-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitroaniline[4-]	730	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitrobenzene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitrophenol[2-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitrophenol[4-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitrosodimethylamine[N-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitroso-di-n-propylamine[N-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Nitrosodiphenylamine[N-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	370	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Pentachlorophenol	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Phenanthrene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Phenol	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Plutonium-238	0.0027	PCI/G	RAD	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Plutonium-239	0.0068	PCI/G	RAD	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Potassium	1100	MG/KG	INORGANIC	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Propylbenzene[1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Pyrene	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Selenium	1.1	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Silver	2.2	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Sodium	120	MG/KG	INORGANIC	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Styrene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Tetrachloroethene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Thallium	0.28	MG/KG	INORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Toluene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichlorobenzene[1,2,4-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichloroethane[1,1,1-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichloroethane[1,1,2-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichloroethene	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichlorofluoromethane	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichlorophenol[2,4,5-]	1800	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichlorophenol[2,4,6-]	370	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trichloropropane[1,2,3-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trimethylbenzene[1,2,4-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Trimethylbenzene[1,3,5-]	5.6	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Uranium-234	0.825	PCI/G	RAD	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Uranium-235	0.086	PCI/G	RAD	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Uranium-238	0.809	PCI/G	RAD	None
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Vanadium	4.6	MG/KG	INORGANIC	UJ-
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	U
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Xylene (Total)	5.6	UG/KG	ORGANIC	U

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-3665	RE00-98-0027	4-Sep-98	108	120	IN	QBT3	Zinc	20	MG/KG	INORGANIC	J-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Acenaphthene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Acenaphthylene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Acetone	21	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aldrin	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aluminum	4900	MG/KG	INORGANIC	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Americium-241	0.0329	PCI/G	RAD	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aniline	700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Anthracene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Antimony	11	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aroclor-1016	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aroclor-1221	70	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aroclor-1232	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aroclor-1242	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aroclor-1248	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aroclor-1254	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Aroclor-1260	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Arsenic	2.2	MG/KG	INORGANIC	J-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Azobenzene	700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Barium	33	MG/KG	INORGANIC	J-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Benzene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Benzo(a)anthracene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Benzo(a)pyrene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Benzo(b)fluoranthene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Benzo(g,h,i)perylene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Benzo(k)fluoranthene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Benzoic Acid	3500	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Benzyl Alcohol	1400	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Beryllium	0.53	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	BHC[delta-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	BHC[gamma-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bis(2-chloroethoxy)methane	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bis(2-chloroethyl)ether	350	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bis(2-ethylhexyl)phthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bromobenzene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bromochloromethane	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bromodichloromethane	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bromoform	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Bromophenyl-phenylether[4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Butanone[2-]	21	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Butylbenzene[n-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Butylbenzene[sec-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Butylbenzene[tert-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Butylbenzylphthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Cadmium	0.53	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Calcium	1000	MG/KG	INORGANIC	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Carbon Disulfide	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Carbon Tetrachloride	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chlordane[alpha-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chlordane[gamma-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chloro-3-methylphenol[4-]	700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chloroaniline[4-]	1400	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chlorobenzene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chlorodibromomethane	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chloroform	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chloronaphthalene[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chlorophenol[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chlorotoluene[2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chlorotoluene[4-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chromium, Total	2.7	MG/KG	INORGANIC	J-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Chrysene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Copper	2.7	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	DDD[4,4'-]	3.5	UG/KG	ORGANIC	U

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Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	DDE[4,4'-]	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	DDT[4,4'-]	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dibenz(a,h)anthracene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dibenzofuran	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dibromoethane[1,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dibromomethane	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorobenzene[1,2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorobenzene[1,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorobenzene[1,3-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorobenzene[1,3-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorobenzene[1,4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorobenzene[1,4-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorobenzidine[3,3'-]	700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloroethane[1,1-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloroethane[1,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloroethene[1,1-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichlorophenol[2,4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloropropane[1,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloropropane[1,3-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloropropane[2,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloropropene[1,1-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloropropene[cis-1,3-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dichloropropene[trans-1,3-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dieldrin	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Diethylphthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dimethyl Phthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dimethylphenol[2,4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Di-n-butylphthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dinitrotoluene[2,4-]	350	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Dinitrotoluene[2,6-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Di-n-octylphthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Endosulfan II	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Endosulfan Sulfate	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Endrin	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Endrin Aldehyde	0.35	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Endrin Ketone	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Ethylbenzene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Fluoranthene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Fluorene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Heptachlor	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Hexachlorobenzene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Hexachlorobutadiene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Hexachlorocyclopentadiene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Hexachloroethane	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Hexanone[2-]	21	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Indeno(1,2,3-cd)pyrene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Iodomethane	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Iron	4500	MG/KG	INORGANIC	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Isophorone	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Isopropylbenzene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Isopropyltoluene[4-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Lead	6.2	MG/KG	INORGANIC	J-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Magnesium	650	MG/KG	INORGANIC	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Manganese	140	MG/KG	INORGANIC	J-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Methyl-2-pentanone[4-]	21	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Methylene Chloride	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Methylnaphthalene[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Methylphenol[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Methylphenol[4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Naphthalene	350	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nickel	2.3	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitroaniline[4-]	700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitrobenzene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitrophenol[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitrosodimethylamine[N-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitroso-di-n-propylamine[N-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Nitrosodiphenylamine[N-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Phenanthrene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Phenol	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Plutonium-238	0.0005	PCI/G	RAD	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Plutonium-239	0.929	PCI/G	RAD	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Potassium	760	MG/KG	INORGANIC	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Propylbenzene[1-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Pyrene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Selenium	0.53	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Silver	2.1	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Sodium	140	MG/KG	INORGANIC	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Styrene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Tetrachloroethene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Thallium	0.27	MG/KG	INORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Toluene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichlorobenzene[1,2,4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichloroethane[1,1,1-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichloroethane[1,1,2-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichloroethene	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichlorofluoromethane	5.3	UG/KG	ORGANIC	UJ-

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichlorophenol[2,4,6-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trichloropropane[1,2,3-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trimethylbenzene[1,2,4-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Trimethylbenzene[1,3,5-]	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Uranium-234	0.658	PCI/G	RAD	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Uranium-234	0.658	PCI/G	RAD	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Uranium-235	0.046	PCI/G	RAD	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Uranium-235	0.046	PCI/G	RAD	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Uranium-238	0.686	PCI/G	RAD	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Uranium-238	0.686	PCI/G	RAD	None
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Vanadium	6	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Xylene (Total)	5.3	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0014	9-Sep-98	60	66	IN	QBT3	Zinc	17	MG/KG	INORGANIC	J-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Acenaphthene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Acenaphthylene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Acetone	22	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aldrin	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aluminum	5100	MG/KG	INORGANIC	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Americium-241	0.0187	PCI/G	RAD	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aniline	710	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Anthracene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Antimony	11	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aroclor-1016	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aroclor-1221	71	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aroclor-1232	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aroclor-1242	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aroclor-1248	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aroclor-1254	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Aroclor-1260	35	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Arsenic	2.1	MG/KG	INORGANIC	J-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Azobenzene	710	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Barium	33	MG/KG	INORGANIC	J-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Benzene	5.4	UG/KG	ORGANIC	UJ-

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Benzo(a)anthracene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Benzo(a)pyrene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Benzo(b)fluoranthene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Benzo(g,h,i)perylene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Benzo(k)fluoranthene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Benzoic Acid	3500	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Benzyl Alcohol	1400	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Beryllium	0.54	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	BHC[delta-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	BHC[gamma-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bis(2-chloroethoxy)methane	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bis(2-chloroethyl)ether	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bis(2-ethylhexyl)phthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bromobenzene	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bromochloromethane	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bromodichloromethane	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bromoform	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bromomethane	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Bromophenyl-phenylether[4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Butanone[2-]	22	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Butylbenzene[n-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Butylbenzene[sec-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Butylbenzene[tert-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Butylbenzylphthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Cadmium	0.54	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Calcium	1100	MG/KG	INORGANIC	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Carbon Disulfide	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Carbon Tetrachloride	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chlordane[alpha-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chlordane[gamma-]	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chloro-3-methylphenol[4-]	710	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chloroaniline[4-]	1400	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chlorobenzene	5.4	UG/KG	ORGANIC	UJ-

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chlorodibromomethane	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chloroethane	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chloroform	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chloromethane	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chloronaphthalene[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chlorophenol[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chlorotoluene[2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chlorotoluene[4-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chromium, Total	2.8	MG/KG	INORGANIC	J-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Chrysene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Cobalt	1.1	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Copper	2.7	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	DDD[4,4'-]	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	DDE[4,4'-]	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	DDT[4,4'-]	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dibenz(a,h)anthracene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dibenzofuran	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dibromo-3-chloropropane[1,2-]	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dibromoethane[1,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dibromomethane	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorobenzene[1,2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorobenzene[1,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorobenzene[1,3-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorobenzene[1,3-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorobenzene[1,4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorobenzene[1,4-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorobenzidine[3,3'-]	710	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorodifluoromethane	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloroethane[1,1-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloroethane[1,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloroethene[1,1-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloroethene[cis-1,2-]	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloroethene[trans-1,2-]	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichlorophenol[2,4-]	350	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloropropane[1,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloropropane[1,3-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloropropane[2,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloropropene[1,1-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloropropene[cis-1,3-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dichloropropene[trans-1,3-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dieldrin	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Diethylphthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dimethyl Phthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dimethylphenol[2,4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Di-n-butylphthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dinitrotoluene[2,4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Dinitrotoluene[2,6-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Di-n-octylphthalate	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Endosulfan II	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Endosulfan Sulfate	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Endrin	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Endrin Aldehyde	0.35	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Endrin Ketone	3.5	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Ethylbenzene	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Fluoranthene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Fluorene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Heptachlor	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Hexachlorobenzene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Hexachlorobutadiene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Hexachlorocyclopentadiene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Hexachloroethane	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Hexanone[2-]	22	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Indeno(1,2,3-cd)pyrene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Iodomethane	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Iron	4400	MG/KG	INORGANIC	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Isophorone	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Isopropylbenzene	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Isopropyltoluene[4-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Lead	8.8	MG/KG	INORGANIC	J-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Magnesium	790	MG/KG	INORGANIC	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Manganese	130	MG/KG	INORGANIC	J-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Mercury	0.11	MG/KG	INORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Methyl-2-pentanone[4-]	22	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Methylene Chloride	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Methylnaphthalene[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Methylphenol[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Methylphenol[4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Naphthalene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nickel	2.4	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitroaniline[4-]	710	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitrobenzene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitrophenol[2-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitrosodimethylamine[N-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitroso-di-n-propylamine[N-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Nitrosodiphenylamine[N-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Phenanthrene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Phenol	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Plutonium-238	0.0164	PCI/G	RAD	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Plutonium-239	1.104	PCI/G	RAD	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Potassium	800	MG/KG	INORGANIC	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Propylbenzene[1-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Pyrene	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Selenium	0.54	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Silver	2.2	MG/KG	INORGANIC	UJ-

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Sodium	130	MG/KG	INORGANIC	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Styrene	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Tetrachloroethene	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Thallium	0.27	MG/KG	INORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Toluene	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichlorobenzene[1,2,4-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichloroethane[1,1,1-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichloroethane[1,1,2-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichloroethene	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichlorofluoromethane	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichlorophenol[2,4,6-]	350	UG/KG	ORGANIC	U
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trichloropropane[1,2,3-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trimethylbenzene[1,2,4-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Trimethylbenzene[1,3,5-]	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Uranium-234	0.671	PCI/G	RAD	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Uranium-234	0.671	PCI/G	RAD	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Uranium-235	0.035	PCI/G	RAD	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Uranium-235	0.035	PCI/G	RAD	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Uranium-238	0.681	PCI/G	RAD	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Uranium-238	0.681	PCI/G	RAD	None
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Vanadium	5.7	MG/KG	INORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Vinyl Chloride	11	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Xylene (Total)	5.4	UG/KG	ORGANIC	UJ-
00-10120	RE00-98-0015	9-Sep-98	42	48	IN	QBT3	Zinc	16	MG/KG	INORGANIC	J-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Acenaphthene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Acenaphthylene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Acetone	21	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aldrin	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aluminum	3200	MG/KG	INORGANIC	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Americium-241	0.0107	PCI/G	RAD	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aniline	690	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Anthracene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Antimony	10	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aroclor-1016	34	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aroclor-1221	69	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aroclor-1232	34	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aroclor-1242	34	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aroclor-1248	34	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aroclor-1254	34	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Aroclor-1260	34	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Arsenic	2	MG/KG	INORGANIC	J-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Azobenzene	690	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Barium	14	MG/KG	INORGANIC	J-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Benzene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Benzo(a)anthracene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Benzo(a)pyrene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Benzo(b)fluoranthene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Benzo(g,h,i)perylene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Benzo(k)fluoranthene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Benzoic Acid	3400	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Benzyl Alcohol	1400	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Beryllium	0.52	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	BHC[alpha-]	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	BHC[beta-]	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	BHC[delta-]	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	BHC[gamma-]	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bis(2-chloroethoxy)methane	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bis(2-chloroethyl)ether	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bis(2-ethylhexyl)phthalate	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bromobenzene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bromochloromethane	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bromodichloromethane	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bromoform	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bromomethane	10	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Bromophenyl-phenylether[4-]	340	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Butanone[2-]	21	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Butylbenzene[n-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Butylbenzene[sec-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Butylbenzene[tert-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Butylbenzylphthalate	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Cadmium	0.52	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Calcium	520	MG/KG	INORGANIC	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Carbon Disulfide	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Carbon Tetrachloride	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chlordane[alpha-]	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chlordane[gamma-]	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chloro-3-methylphenol[4-]	690	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chloroaniline[4-]	1400	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chlorobenzene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chlorodibromomethane	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chloroethane	10	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chloroform	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chloromethane	10	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chloronaphthalene[2-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chlorophenol[2-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chlorophenyl-phenyl[4-] Ether	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chlorotoluene[2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chlorotoluene[4-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chromium, Total	1.9	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Chrysene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Cobalt	1	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Copper	2.2	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	DDD[4,4'-]	3.4	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	DDE[4,4'-]	3.4	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	DDT[4,4'-]	3.4	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dibenz(a,h)anthracene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dibenzofuran	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dibromo-3-chloropropane[1,2-]	10	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dibromoethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dibromomethane	5.2	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorobenzene[1,2-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorobenzene[1,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorobenzene[1,3-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorobenzene[1,3-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorobenzene[1,4-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorobenzene[1,4-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorobenzidine[3,3'-]	690	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorodifluoromethane	10	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloroethane[1,1-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloroethane[1,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloroethene[1,1-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloroethene[cis-1,2-]	10	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloroethene[trans-1,2-]	10	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichlorophenol[2,4-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloropropane[1,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloropropane[1,3-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloropropane[2,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloropropene[1,1-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloropropene[cis-1,3-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dichloropropene[trans-1,3-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dieldrin	3.4	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Diethylphthalate	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dimethyl Phthalate	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dimethylphenol[2,4-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Di-n-butylphthalate	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dinitro-2-methylphenol[4,6-]	1700	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dinitrophenol[2,4-]	1700	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dinitrotoluene[2,4-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Dinitrotoluene[2,6-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Di-n-octylphthalate	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Endosulfan I	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Endosulfan II	3.4	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Endosulfan Sulfate	3.4	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Endrin	3.4	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Endrin Aldehyde	0.34	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Endrin Ketone	3.4	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Ethylbenzene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Fluoranthene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Fluorene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Heptachlor	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Heptachlor Epoxide	1.7	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Hexachlorobenzene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Hexachlorobutadiene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Hexachlorocyclopentadiene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Hexachloroethane	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Hexanone[2-]	21	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Indeno(1,2,3-cd)pyrene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Iodomethane	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Iron	3800	MG/KG	INORGANIC	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Isophorone	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Isopropylbenzene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Isopropyltoluene[4-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Lead	6.1	MG/KG	INORGANIC	J-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Magnesium	440	MG/KG	INORGANIC	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Manganese	170	MG/KG	INORGANIC	J-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Mercury	0.1	MG/KG	INORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Methoxychlor[4,4'-]	17	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Methyl-2-pentanone[4-]	21	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Methylene Chloride	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Methylnaphthalene[2-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Methylphenol[2-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Methylphenol[4-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Naphthalene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nickel	2.1	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitroaniline[2-]	1700	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitroaniline[3-]	1700	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitroaniline[4-]	690	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitrobenzene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitrophenol[2-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitrophenol[4-]	1700	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitrosodimethylamine[N-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitroso-di-n-propylamine[N-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Nitrosodiphenylamine[N-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Oxybis(1-chloropropane)[2,2'-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Pentachlorophenol	1700	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Phenanthrene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Phenol	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Plutonium-238	0.0145	PCI/G	RAD	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Plutonium-239	0.0061	PCI/G	RAD	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Potassium	450	MG/KG	INORGANIC	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Propylbenzene[1-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Pyrene	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Selenium	1	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Silver	2.1	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Sodium	150	MG/KG	INORGANIC	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Styrene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Tetrachloroethane[1,1,1,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Tetrachloroethane[1,1,2,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Tetrachloroethene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Thallium	0.26	MG/KG	INORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Toluene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Toxaphene (Technical Grade)	170	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichloro-1,2,2-trifluoroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichlorobenzene[1,2,4-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichloroethane[1,1,1-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichloroethane[1,1,2-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichloroethene	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichlorofluoromethane	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichlorophenol[2,4,5-]	1700	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichlorophenol[2,4,6-]	340	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trichloropropane[1,2,3-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trimethylbenzene[1,2,4-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Trimethylbenzene[1,3,5-]	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Uranium-234	0.669	PCI/G	RAD	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Uranium-234	0.669	PCI/G	RAD	None

Table L 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Uranium-235	0.0278	PCI/G	RAD	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Uranium-235	0.0278	PCI/G	RAD	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Uranium-238	0.706	PCI/G	RAD	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Uranium-238	0.706	PCI/G	RAD	None
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Vanadium	3.7	MG/KG	INORGANIC	UJ-
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Vinyl Chloride	10	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Xylene (Total)	5.2	UG/KG	ORGANIC	U
00-10121	RE00-98-0016	9-Sep-98	24	24	IN	QBT3	Zinc	19	MG/KG	INORGANIC	J-
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Aluminum	3150	MG/KG	INORGANIC	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Americium-241	0.343	PCI/G	RAD	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Antimony	0.47	MG/KG	INORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Aroclor-1016	74	UG/KG	ORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Aroclor-1221	150	UG/KG	ORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Aroclor-1232	74	UG/KG	ORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Aroclor-1242	74	UG/KG	ORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Aroclor-1248	74	UG/KG	ORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Aroclor-1254	74	UG/KG	ORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Aroclor-1260	74	UG/KG	ORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Arsenic	2	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Barium	33.2	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Beryllium	0.38	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Cadmium	0.02	MG/KG	INORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Calcium	726	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Chromium, Total	3.3	MG/KG	INORGANIC	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Cobalt	2.2	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Copper	7.8	MG/KG	INORGANIC	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Iron	8750	MG/KG	INORGANIC	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Lead	25.5	MG/KG	INORGANIC	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Magnesium	536	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Manganese	231	MG/KG	INORGANIC	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Mercury	0.02	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Nickel	2.9	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Plutonium-238	0.055	PCI/G	RAD	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Plutonium-239	4.48	PCI/G	RAD	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Potassium	408	MG/KG	INORGANIC	J

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Selenium	0.45	MG/KG	INORGANIC	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Silver	0.07	MG/KG	INORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Sodium	58.8	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Thallium	0.29	MG/KG	INORGANIC	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Uranium-234	0.994	PCI/G	RAD	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Uranium-235	0.055	PCI/G	RAD	U
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Uranium-238	0.911	PCI/G	RAD	None
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Vanadium	8.6	MG/KG	INORGANIC	J
00-10232	RE00-99-0165	3-May-99	29	41	cm	SED	Zinc	35.7	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Aluminum	5220	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Americium-241	5.3	PCI/G	RAD	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Antimony	0.92	MG/KG	INORGANIC	J+
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Aroclor-1016	97	UG/KG	ORGANIC	U
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Aroclor-1221	190	UG/KG	ORGANIC	U
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Aroclor-1232	97	UG/KG	ORGANIC	U
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Aroclor-1242	97	UG/KG	ORGANIC	U
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Aroclor-1248	97	UG/KG	ORGANIC	U
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Aroclor-1254	400	UG/KG	ORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Aroclor-1260	97	UG/KG	ORGANIC	U
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Arsenic	3.4	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Barium	75.1	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Beryllium	0.72	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Cadmium	0.1	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Calcium	2780	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Chromium, Total	6.4	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Cobalt	3	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Copper	8.4	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Iron	9960	MG/KG	INORGANIC	J+
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Lead	69.8	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Magnesium	975	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Manganese	345	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Mercury	0.2	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Nickel	4.9	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Plutonium-238	0.536	PCI/G	RAD	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Plutonium-239	31.5	PCI/G	RAD	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Potassium	748	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Selenium	0.96	MG/KG	INORGANIC	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Silver	0.41	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Sodium	113	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Thallium	0.38	MG/KG	INORGANIC	U
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Uranium-234	2.23	PCI/G	RAD	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Uranium-235	0.147	PCI/G	RAD	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Uranium-238	1.54	PCI/G	RAD	None
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Vanadium	11.4	MG/KG	INORGANIC	J
00-10233	RE00-99-0166	3-May-99	0	12	cm	SED	Zinc	69.8	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Aluminum	8680	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Americium-241	0.353	PCI/G	RAD	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Antimony	0.98	MG/KG	INORGANIC	J+
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Aroclor-1016	180	UG/KG	ORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Aroclor-1221	350	UG/KG	ORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Aroclor-1232	180	UG/KG	ORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Aroclor-1242	180	UG/KG	ORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Aroclor-1248	180	UG/KG	ORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Aroclor-1254	180	UG/KG	ORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Aroclor-1260	180	UG/KG	ORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Arsenic	3.8	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Barium	106	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Beryllium	0.87	MG/KG	INORGANIC	J
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Cadmium	0.02	MG/KG	INORGANIC	J
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Calcium	2540	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Chromium, Total	7.4	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Cobalt	4.2	MG/KG	INORGANIC	J
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Copper	9.2	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Iron	12000	MG/KG	INORGANIC	J+
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Lead	61.9	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Magnesium	1440	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Manganese	311	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Mercury	0.07	MG/KG	INORGANIC	J
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Nickel	7.1	MG/KG	INORGANIC	J
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Plutonium-238	0.036	PCI/G	RAD	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Plutonium-239	7.31	PCI/G	RAD	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Potassium	1040	MG/KG	INORGANIC	J
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Selenium	0.53	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Silver	0.08	MG/KG	INORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Sodium	126	MG/KG	INORGANIC	J
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Thallium	0.34	MG/KG	INORGANIC	U
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Uranium-234	2.19	PCI/G	RAD	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Uranium-235	0.092	PCI/G	RAD	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Uranium-238	1.98	PCI/G	RAD	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Vanadium	16.5	MG/KG	INORGANIC	None
00-10233	RE00-99-0167	3-May-99	45	58	cm	SED	Zinc	60.2	MG/KG	INORGANIC	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Aluminum	2720	MG/KG	INORGANIC	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Americium-241	0.217	PCI/G	RAD	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Antimony	0.45	MG/KG	INORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Aroclor-1016	36	UG/KG	ORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Aroclor-1221	72	UG/KG	ORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Aroclor-1232	36	UG/KG	ORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Aroclor-1242	36	UG/KG	ORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Aroclor-1248	36	UG/KG	ORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Aroclor-1254	36	UG/KG	ORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Aroclor-1260	36	UG/KG	ORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Arsenic	1.9	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Barium	28.8	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Beryllium	0.34	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Cadmium	0.02	MG/KG	INORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Calcium	599	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Chromium, Total	2.3	MG/KG	INORGANIC	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Cobalt	1.7	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Copper	5.4	MG/KG	INORGANIC	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Iron	6470	MG/KG	INORGANIC	J+
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Lead	16	MG/KG	INORGANIC	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Magnesium	449	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Manganese	189	MG/KG	INORGANIC	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Mercury	0.01	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Nickel	2.3	MG/KG	INORGANIC	J

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Plutonium-238	0.058	PCI/G	RAD	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Plutonium-239	3.63	PCI/G	RAD	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Potassium	316	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Selenium	0.31	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Silver	0.06	MG/KG	INORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Sodium	54.2	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Thallium	0.28	MG/KG	INORGANIC	U
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Uranium-234	0.664	PCI/G	RAD	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Uranium-235	0.072	PCI/G	RAD	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Uranium-238	0.626	PCI/G	RAD	None
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Vanadium	6.8	MG/KG	INORGANIC	J
00-10233	RE00-99-0168	3-May-99	58	79	cm	SED	Zinc	25.8	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Aluminum	5050	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Americium-241	0.154	PCI/G	RAD	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Antimony	0.73	MG/KG	INORGANIC	J+
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Aroclor-1016	87	UG/KG	ORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Aroclor-1221	170	UG/KG	ORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Aroclor-1232	87	UG/KG	ORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Aroclor-1242	87	UG/KG	ORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Aroclor-1248	87	UG/KG	ORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Aroclor-1254	87	UG/KG	ORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Aroclor-1260	87	UG/KG	ORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Arsenic	3.3	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Barium	74.5	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Beryllium	0.66	MG/KG	INORGANIC	J
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Cadmium	0.02	MG/KG	INORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Calcium	2660	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Chromium, Total	5.5	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Cobalt	2.8	MG/KG	INORGANIC	J
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Copper	7.6	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Iron	10700	MG/KG	INORGANIC	J+
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Lead	96.4	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Magnesium	1030	MG/KG	INORGANIC	J
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Manganese	315	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Mercury	0.03	MG/KG	INORGANIC	J

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Nickel	4.7	MG/KG	INORGANIC	J
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Plutonium-238	0.025	PCI/G	RAD	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Plutonium-239	3.28	PCI/G	RAD	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Potassium	665	MG/KG	INORGANIC	J
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Selenium	0.63	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Silver	0.08	MG/KG	INORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Sodium	114	MG/KG	INORGANIC	J
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Thallium	0.33	MG/KG	INORGANIC	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Uranium-234	1.19	PCI/G	RAD	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Uranium-235	0.028	PCI/G	RAD	U
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Uranium-238	1.11	PCI/G	RAD	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Vanadium	13	MG/KG	INORGANIC	None
00-10236	RE00-99-0169	3-May-99	0	9	cm	SED	Zinc	69.2	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Aluminum	9060	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Americium-241	1.41	PCI/G	RAD	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Antimony	1.4	MG/KG	INORGANIC	J+
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Aroclor-1016	43	UG/KG	ORGANIC	U
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Aroclor-1221	85	UG/KG	ORGANIC	U
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Aroclor-1232	43	UG/KG	ORGANIC	U
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Aroclor-1242	43	UG/KG	ORGANIC	U
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Aroclor-1248	43	UG/KG	ORGANIC	U
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Aroclor-1254	43	UG/KG	ORGANIC	U
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Aroclor-1260	43	UG/KG	ORGANIC	U
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Arsenic	4.1	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Barium	135	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Beryllium	1	MG/KG	INORGANIC	J
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Cadmium	0.57	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Calcium	3060	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Chromium, Total	7.3	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Cobalt	4.2	MG/KG	INORGANIC	J
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Copper	12.5	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Iron	12800	MG/KG	INORGANIC	J+
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Lead	49.9	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Magnesium	1600	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Manganese	326	MG/KG	INORGANIC	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Mercury	0.42	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Nickel	6.7	MG/KG	INORGANIC	J
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Plutonium-238	0.26	PCI/G	RAD	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Plutonium-239	82.5	PCI/G	RAD	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Potassium	1240	MG/KG	INORGANIC	J
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Selenium	0.43	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Silver	2.9	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Sodium	90.9	MG/KG	INORGANIC	J
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Thallium	0.34	MG/KG	INORGANIC	U
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Uranium-234	3.28	PCI/G	RAD	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Uranium-235	0.138	PCI/G	RAD	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Uranium-238	2.85	PCI/G	RAD	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Vanadium	16.7	MG/KG	INORGANIC	None
00-10237	RE00-99-0170	3-May-99	0	12	cm	SED	Zinc	92.6	MG/KG	INORGANIC	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Aluminum	3420	MG/KG	INORGANIC	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Americium-241	0.24	PCI/G	RAD	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Antimony	1.6	MG/KG	INORGANIC	J+
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Aroclor-1016	42	UG/KG	ORGANIC	U
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Aroclor-1221	84	UG/KG	ORGANIC	U
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Aroclor-1232	42	UG/KG	ORGANIC	U
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Aroclor-1242	42	UG/KG	ORGANIC	U
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Aroclor-1248	42	UG/KG	ORGANIC	U
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Aroclor-1254	42	UG/KG	ORGANIC	U
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Aroclor-1260	23	UG/KG	ORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Arsenic	1.2	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Barium	38.5	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Beryllium	0.41	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Cadmium	0.02	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Calcium	382	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Chromium, Total	4.1	MG/KG	INORGANIC	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Cobalt	1.3	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Copper	9.6	MG/KG	INORGANIC	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Iron	5520	MG/KG	INORGANIC	J+
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Lead	21.7	MG/KG	INORGANIC	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Magnesium	530	MG/KG	INORGANIC	J

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Manganese	88.2	MG/KG	INORGANIC	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Mercury	1.3	MG/KG	INORGANIC	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Nickel	2.3	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Plutonium-238	0.038	PCI/G	RAD	U
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Plutonium-239	16.7	PCI/G	RAD	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Potassium	367	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Selenium	0.26	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Silver	0.3	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Sodium	60	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Thallium	0.35	MG/KG	INORGANIC	U
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Uranium-234	20	PCI/G	RAD	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Uranium-235	0.833	PCI/G	RAD	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Uranium-238	9.91	PCI/G	RAD	None
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Vanadium	7.4	MG/KG	INORGANIC	J
00-10238	RE00-99-0171	3-May-99	0	16	cm	SED	Zinc	30.7	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Aluminum	17300	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Americium-241	0.427	PCI/G	RAD	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Antimony	1.5	MG/KG	INORGANIC	J+
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Aroclor-1016	49	UG/KG	ORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Aroclor-1221	99	UG/KG	ORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Aroclor-1232	49	UG/KG	ORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Aroclor-1242	49	UG/KG	ORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Aroclor-1248	49	UG/KG	ORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Aroclor-1254	49	UG/KG	ORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Aroclor-1260	49	UG/KG	ORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Arsenic	5.7	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Barium	200	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Beryllium	1.4	MG/KG	INORGANIC	J
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Cadmium	0.05	MG/KG	INORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Calcium	1690	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Chromium, Total	12.5	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Cobalt	5.7	MG/KG	INORGANIC	J
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Copper	20.7	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Iron	20900	MG/KG	INORGANIC	J+
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Lead	42	MG/KG	INORGANIC	None

Table 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Magnesium	2750	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Manganese	232	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Mercury	0.21	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Nickel	9.4	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Plutonium-238	0.069	PCI/G	RAD	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Plutonium-239	10.91	PCI/G	RAD	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Potassium	1570	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Selenium	0.73	MG/KG	INORGANIC	J
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Silver	0.09	MG/KG	INORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Sodium	159	MG/KG	INORGANIC	J
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Thallium	0.79	MG/KG	INORGANIC	U
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Uranium-234	5.66	PCI/G	RAD	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Uranium-235	0.264	PCI/G	RAD	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Uranium-238	3.72	PCI/G	RAD	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Vanadium	33	MG/KG	INORGANIC	None
00-10238	RE00-99-0172	3-May-99	16	30	cm	SED	Zinc	88.6	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Aluminum	4340	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Americium-241	0.031	PCI/G	RAD	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Antimony	0.68	MG/KG	INORGANIC	J+
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Aroclor-1016	41	UG/KG	ORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Aroclor-1221	81	UG/KG	ORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Aroclor-1232	41	UG/KG	ORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Aroclor-1242	41	UG/KG	ORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Aroclor-1248	41	UG/KG	ORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Aroclor-1254	41	UG/KG	ORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Aroclor-1260	35	UG/KG	ORGANIC	J
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Arsenic	3.1	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Barium	64.9	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Beryllium	0.46	MG/KG	INORGANIC	J
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Cadmium	0.04	MG/KG	INORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Calcium	1840	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Chromium, Total	11.2	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Cobalt	4.1	MG/KG	INORGANIC	J
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Copper	9.1	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Iron	11800	MG/KG	INORGANIC	J+

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Lead	88.7	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Magnesium	862	MG/KG	INORGANIC	J
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Manganese	327	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Mercury	0.01	MG/KG	INORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Nickel	4.8	MG/KG	INORGANIC	J
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Plutonium-238	-0.013	PCI/G	RAD	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Plutonium-239	0.0107	PCI/G	RAD	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Potassium	554	MG/KG	INORGANIC	J
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Selenium	0.68	MG/KG	INORGANIC	J
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Silver	0.07	MG/KG	INORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Sodium	86.5	MG/KG	INORGANIC	J
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Thallium	0.63	MG/KG	INORGANIC	U
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Uranium-234	0.91	PCI/G	RAD	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Uranium-235	0.3	PCI/G	RAD	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Uranium-238	0.94	PCI/G	RAD	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Vanadium	16.8	MG/KG	INORGANIC	None
00-10240	RE00-99-0173	3-May-99	0	47	cm	SED	Zinc	125	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Aluminum	8310	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Americium-241	0.046	PCI/G	RAD	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Antimony	0.94	MG/KG	INORGANIC	J+
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Aroclor-1016	43	UG/KG	ORGANIC	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Aroclor-1221	87	UG/KG	ORGANIC	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Aroclor-1232	43	UG/KG	ORGANIC	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Aroclor-1242	43	UG/KG	ORGANIC	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Aroclor-1248	43	UG/KG	ORGANIC	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Aroclor-1254	43	UG/KG	ORGANIC	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Aroclor-1260	130	UG/KG	ORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Arsenic	4.1	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Barium	129	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Beryllium	0.74	MG/KG	INORGANIC	J
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Cadmium	0.12	MG/KG	INORGANIC	J
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Calcium	4590	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Chromium, Total	10.8	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Cobalt	5.7	MG/KG	INORGANIC	J
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Copper	14.9	MG/KG	INORGANIC	None

Table [illegible].0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Iron	12100	MG/KG	INORGANIC	J+
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Lead	82.4	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Magnesium	1690	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Manganese	489	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Mercury	0.06	MG/KG	INORGANIC	J
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Nickel	7.2	MG/KG	INORGANIC	J
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Plutonium-238	0.003	PCI/G	RAD	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Plutonium-239	0.104	PCI/G	RAD	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Potassium	1160	MG/KG	INORGANIC	J
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Selenium	0.91	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Silver	0.08	MG/KG	INORGANIC	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Sodium	200	MG/KG	INORGANIC	J
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Thallium	0.34	MG/KG	INORGANIC	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Uranium-234	1.27	PCI/G	RAD	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Uranium-235	0.078	PCI/G	RAD	U
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Uranium-238	1.45	PCI/G	RAD	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Vanadium	20.6	MG/KG	INORGANIC	None
00-10241	RE00-99-0174	3-May-99	0	14	cm	SED	Zinc	112	MG/KG	INORGANIC	None
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Aluminum	1500	MG/KG	INORGANIC	None
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Americium-241	0.03	PCI/G	RAD	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Antimony	0.48	MG/KG	INORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Aroclor-1016	39	UG/KG	ORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Aroclor-1221	78	UG/KG	ORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Aroclor-1232	39	UG/KG	ORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Aroclor-1242	39	UG/KG	ORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Aroclor-1248	39	UG/KG	ORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Aroclor-1254	39	UG/KG	ORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Aroclor-1260	39	UG/KG	ORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Arsenic	2	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Barium	32.6	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Beryllium	0.24	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Cadmium	0.02	MG/KG	INORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Calcium	651	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Chromium, Total	19	MG/KG	INORGANIC	None
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Cobalt	2.2	MG/KG	INORGANIC	J

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Copper	2.7	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Iron	5620	MG/KG	INORGANIC	J+
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Lead	90.9	MG/KG	INORGANIC	None
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Magnesium	286	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Manganese	275	MG/KG	INORGANIC	None
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Mercury	0.01	MG/KG	INORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Nickel	1.8	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Plutonium-238	0.0059	PCI/G	RAD	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Plutonium-239	0.027	PCI/G	RAD	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Potassium	206	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Selenium	0.39	MG/KG	INORGANIC	None
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Silver	0.07	MG/KG	INORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Sodium	50.9	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Thallium	0.3	MG/KG	INORGANIC	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Uranium-234	0.659	PCI/G	RAD	None
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Uranium-235	0.035	PCI/G	RAD	U
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Uranium-238	0.696	PCI/G	RAD	None
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Vanadium	6.4	MG/KG	INORGANIC	J
00-10242	RE00-99-0175	3-May-99	0	5	cm	SED	Zinc	77.1	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Aluminum	4860	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Americium-241	0.051	PCI/G	RAD	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Antimony	0.73	MG/KG	INORGANIC	J+
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Aroclor-1016	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Aroclor-1221	81	UG/KG	ORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Aroclor-1232	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Aroclor-1242	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Aroclor-1248	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Aroclor-1254	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Aroclor-1260	69	UG/KG	ORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Arsenic	3.4	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Barium	80.4	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Beryllium	0.49	MG/KG	INORGANIC	J
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Cadmium	0.02	MG/KG	INORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Calcium	1650	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Chromium, Total	10.9	MG/KG	INORGANIC	None

Table L 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Cobalt	4.9	MG/KG	INORGANIC	J
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Copper	9	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Iron	11500	MG/KG	INORGANIC	J+
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Lead	106	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Magnesium	898	MG/KG	INORGANIC	J
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Manganese	397	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Mercury	0.02	MG/KG	INORGANIC	J
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Nickel	5.1	MG/KG	INORGANIC	J
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Plutonium-238	0.013	PCI/G	RAD	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Plutonium-239	0.11	PCI/G	RAD	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Potassium	682	MG/KG	INORGANIC	J
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Selenium	0.78	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Silver	0.07	MG/KG	INORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Sodium	69.5	MG/KG	INORGANIC	J
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Thallium	0.31	MG/KG	INORGANIC	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Uranium-234	0.866	PCI/G	RAD	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Uranium-235	0.06	PCI/G	RAD	U
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Uranium-238	0.768	PCI/G	RAD	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Vanadium	16.9	MG/KG	INORGANIC	None
00-10243	RE00-99-0176	3-May-99	0	20	cm	SED	Zinc	110	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Aluminum	5080	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Americium-241	0.034	PCI/G	RAD	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Antimony	0.81	MG/KG	INORGANIC	J+
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Aroclor-1016	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Aroclor-1221	80	UG/KG	ORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Aroclor-1232	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Aroclor-1242	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Aroclor-1248	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Aroclor-1254	40	UG/KG	ORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Aroclor-1260	70	UG/KG	ORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Arsenic	3.5	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Barium	74.1	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Beryllium	0.52	MG/KG	INORGANIC	J
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Cadmium	0.04	MG/KG	INORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Calcium	1710	MG/KG	INORGANIC	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Chromium, Total	9.1	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Cobalt	4.7	MG/KG	INORGANIC	J
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Copper	9	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Iron	12100	MG/KG	INORGANIC	J+
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Lead	105	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Magnesium	978	MG/KG	INORGANIC	J
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Manganese	370	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Mercury	0.03	MG/KG	INORGANIC	J
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Nickel	5	MG/KG	INORGANIC	J
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Plutonium-238	0.006	PCI/G	RAD	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Plutonium-239	0.03	PCI/G	RAD	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Potassium	723	MG/KG	INORGANIC	J
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Selenium	0.37	MG/KG	INORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Silver	0.07	MG/KG	INORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Sodium	69.9	MG/KG	INORGANIC	J
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Thallium	0.63	MG/KG	INORGANIC	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Uranium-234	0.95	PCI/G	RAD	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Uranium-235	0.027	PCI/G	RAD	U
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Uranium-238	0.91	PCI/G	RAD	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Vanadium	17.8	MG/KG	INORGANIC	None
00-10243	RE00-99-0177	3-May-99	0	20	cm	SED	Zinc	106	MG/KG	INORGANIC	None
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Aluminum	1400	MG/KG	INORGANIC	None
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Americium-241	0.021	PCI/G	RAD	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Antimony	0.47	MG/KG	INORGANIC	J+
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Aroclor-1016	38	UG/KG	ORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Aroclor-1221	77	UG/KG	ORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Aroclor-1232	38	UG/KG	ORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Aroclor-1242	38	UG/KG	ORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Aroclor-1248	38	UG/KG	ORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Aroclor-1254	38	UG/KG	ORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Aroclor-1260	38	UG/KG	ORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Arsenic	1.6	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Barium	23	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Beryllium	0.25	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Cadmium	0.02	MG/KG	INORGANIC	U

Table L-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Calcium	608	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Chromium, Total	2.6	MG/KG	INORGANIC	None
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Cobalt	2.2	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Copper	2.6	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Iron	6860	MG/KG	INORGANIC	J+
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Lead	17.1	MG/KG	INORGANIC	None
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Magnesium	342	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Manganese	191	MG/KG	INORGANIC	None
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Mercury	0.01	MG/KG	INORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Nickel	2.1	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Plutonium-238	0.0178	PCI/G	RAD	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Plutonium-239	0.0059	PCI/G	RAD	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Potassium	193	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Selenium	0.22	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Silver	0.07	MG/KG	INORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Sodium	39.5	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Thallium	0.29	MG/KG	INORGANIC	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Uranium-234	0.496	PCI/G	RAD	None
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Uranium-235	0.044	PCI/G	RAD	U
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Uranium-238	0.379	PCI/G	RAD	None
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Vanadium	7.8	MG/KG	INORGANIC	J
00-10245	RE00-99-0178	4-May-99	0	8	cm	SED	Zinc	51.7	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Aluminum	5350	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Americium-241	0.041	PCI/G	RAD	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Antimony	0.84	MG/KG	INORGANIC	J+
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Aroclor-1016	45	UG/KG	ORGANIC	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Aroclor-1221	91	UG/KG	ORGANIC	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Aroclor-1232	45	UG/KG	ORGANIC	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Aroclor-1242	45	UG/KG	ORGANIC	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Aroclor-1248	45	UG/KG	ORGANIC	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Aroclor-1254	45	UG/KG	ORGANIC	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Aroclor-1260	39	UG/KG	ORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Arsenic	3.7	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Barium	80.4	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Beryllium	0.51	MG/KG	INORGANIC	J

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Cadmium	0.05	MG/KG	INORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Calcium	2180	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Chromium, Total	10.6	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Cobalt	5	MG/KG	INORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Copper	12.2	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Iron	12900	MG/KG	INORGANIC	J+
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Lead	116	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Magnesium	1110	MG/KG	INORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Manganese	397	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Mercury	0.02	MG/KG	INORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Nickel	5.8	MG/KG	INORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Plutonium-238	-0.012	PCI/G	RAD	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Plutonium-239	0.098	PCI/G	RAD	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Potassium	682	MG/KG	INORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Selenium	0.74	MG/KG	INORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Silver	0.08	MG/KG	INORGANIC	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Sodium	147	MG/KG	INORGANIC	J
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Thallium	0.68	MG/KG	INORGANIC	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Uranium-234	0.97	PCI/G	RAD	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Uranium-235	0.065	PCI/G	RAD	U
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Uranium-238	1.05	PCI/G	RAD	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Vanadium	18.7	MG/KG	INORGANIC	None
00-10246	RE00-99-0179	4-May-99	0	40	cm	SED	Zinc	152	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aluminum	5370	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Antimony	0.16	MG/KG	INORGANIC	J
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Arsenic	2.7	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Barium	45.7	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Beryllium	0.52	MG/KG	INORGANIC	J
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Cadmium	0.23	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Calcium	865	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Chromium, Total	3.7	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Cobalt	3.8	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Copper	13.2	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	GRAVEL	42.1	%	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Iron	7030	MG/KG	INORGANIC	None

Table L-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Lead	22.7	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Magnesium	775	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Manganese	206	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Mercury	0.13	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Nickel	3.3	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Potassium	589	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Selenium	0.86	MG/KG	INORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Silver	0.18	MG/KG	INORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Sodium	97.8	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Thallium	0.18	MG/KG	INORGANIC	J
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	TOTAL SAND	79.1	%	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	TOTAL SILT	14.8	%	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Vanadium	8.9	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Zinc	37.5	MG/KG	INORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aldrin	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aroclor-1016	39	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aroclor-1221	79	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aroclor-1232	39	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aroclor-1242	39	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aroclor-1248	39	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aroclor-1254	39	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Aroclor-1260	39	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	BHC[alpha-]	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	BHC[beta-]	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	BHC[delta-]	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	BHC[gamma-]	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Chlordane[alpha-]	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Chlordane[gamma-]	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	DDD[4,4'-]	3.9	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	DDE[4,4'-]	5	UG/KG	ORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	DDT[4,4'-]	6.8	UG/KG	ORGANIC	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Dieldrin	3.9	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Endosulfan I	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Endosulfan II	3.9	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Endosulfan Sulfate	3.9	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Endrin	3.9	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Endrin Aldehyde	3.9	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Endrin Ketone	3.9	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Heptachlor	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Heptachlor Epoxide	2	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Methoxychlor[4,4'-]	20	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Toxaphene (Technical Grade)	200	UG/KG	ORGANIC	U
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Americium-241	0.499	PCI/G	RAD	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Plutonium-238	0.191	PCI/G	RAD	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Plutonium-239	42.3	PCI/G	RAD	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Uranium-234	1.83	PCI/G	RAD	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Uranium-235	0.158	PCI/G	RAD	None
00-10307	RE00-99-0265	29-Sep-99	20	40	cm	SED	Uranium-238	1.329	PCI/G	RAD	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aluminum	11300	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Antimony	0.4	MG/KG	INORGANIC	J
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Arsenic	5.8	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Barium	128	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Beryllium	1.3	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Cadmium	0.84	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Calcium	2730	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Chromium, Total	9.4	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Cobalt	7.7	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Copper	37.5	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	GRAVEL	33.6	%	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Iron	13900	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Lead	81.7	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Magnesium	1830	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Manganese	693	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Mercury	0.9	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Nickel	9	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Potassium	1360	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Selenium	1.1	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Silver	0.65	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Sodium	107	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Thallium	0.4	MG/KG	INORGANIC	None

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	TOTAL SAND	46.5	%	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	TOTAL SILT	37.7	%	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Vanadium	21	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Zinc	97.9	MG/KG	INORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aldrin	9.5	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aroclor-1016	190	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aroclor-1221	380	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aroclor-1232	190	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aroclor-1242	190	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aroclor-1248	190	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aroclor-1254	190	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Aroclor-1260	190	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	BHC[alpha-]	9.5	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	BHC[beta-]	9.5	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	BHC[delta-]	9.5	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	BHC[gamma-]	9.5	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Chlordane[alpha-]	23	UG/KG	ORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Chlordane[gamma-]	17	UG/KG	ORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	DDD[4,4'-]	19	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	DDE[4,4'-]	23	UG/KG	ORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	DDT[4,4'-]	87	UG/KG	ORGANIC	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Dieldrin	19	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Endosulfan I	9.5	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Endosulfan II	19	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Endosulfan Sulfate	19	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Endrin	19	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Endrin Aldehyde	19	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Endrin Ketone	19	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Heptachlor	9.5	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Heptachlor Epoxide	9.5	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Methoxychlor[4,4'-]	95	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Toxaphene (Technical Grade)	950	UG/KG	ORGANIC	U
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Americium-241	1.2	PCI/G	RAD	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Plutonium-238	0.152	PCI/G	RAD	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Plutonium-239	35.9	PCI/G	RAD	None

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Uranium-234	12.55	PCI/G	RAD	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Uranium-235	0.687	PCI/G	RAD	None
00-10308	RE00-99-0266	29-Sep-99	15	25	cm	SED	Uranium-238	6.85	PCI/G	RAD	None
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Aldrin	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	BHC[alpha-]	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	BHC[beta-]	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	BHC[delta-]	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	BHC[gamma-]	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Chlordane[alpha-]	2.8	UG/KG	ORGANIC	J-
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Chlordane[gamma-]	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	DDD[4,4'-]	4	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	DDE[4,4'-]	4	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	DDT[4,4'-]	5.7	UG/KG	ORGANIC	J-
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Dieldrin	4	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Endosulfan I	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Endosulfan II	4	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Endosulfan Sulfate	4	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Endrin	4	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Endrin Aldehyde	4	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Endrin Ketone	4	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Heptachlor	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Heptachlor Epoxide	2	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Methoxychlor[4,4'-]	20	UG/KG	ORGANIC	UJ
00-10232	RE00-99-0267	29-Sep-99	29	41	cm	SED	Toxaphene (Technical Grade)	200	UG/KG	ORGANIC	UJ
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Aldrin	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	BHC[alpha-]	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	BHC[beta-]	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	BHC[delta-]	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	BHC[gamma-]	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Chlordane[alpha-]	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Chlordane[gamma-]	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	DDD[4,4'-]	8	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	DDE[4,4'-]	8	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	DDT[4,4'-]	26	UG/KG	ORGANIC	None
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Dieldrin	8	UG/KG	ORGANIC	U

Table L ..0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Endosulfan I	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Endosulfan II	8	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Endosulfan Sulfate	8	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Endrin	8	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Endrin Aldehyde	8	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Endrin Ketone	8	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Heptachlor	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Heptachlor Epoxide	4	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Methoxychlor[4,4'-]	40	UG/KG	ORGANIC	U
00-10233	RE00-99-0268	29-Sep-99	0	12	cm	SED	Toxaphene (Technical Grade)	400	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Aldrin	9.2	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	BHC[alpha-]	9.2	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	BHC[beta-]	9.2	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	BHC[delta-]	9.2	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	BHC[gamma-]	9.2	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Chlordane[alpha-]	44	UG/KG	ORGANIC	None
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Chlordane[gamma-]	36	UG/KG	ORGANIC	None
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	DDD[4,4'-]	18	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	DDE[4,4'-]	18	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	DDT[4,4'-]	43	UG/KG	ORGANIC	None
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Dieldrin	18	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Endosulfan I	9.2	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Endosulfan II	18	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Endosulfan Sulfate	18	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Endrin	18	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Endrin Aldehyde	18	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Endrin Ketone	33	UG/KG	ORGANIC	None
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Heptachlor	9.2	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Heptachlor Epoxide	9.2	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Methoxychlor[4,4'-]	92	UG/KG	ORGANIC	U
00-10233	RE00-99-0269	29-Sep-99	45	58	cm	SED	Toxaphene (Technical Grade)	1500	UG/KG	ORGANIC	None
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Aldrin	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	BHC[alpha-]	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	BHC[beta-]	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	BHC[delta-]	18	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	BHC[gamma-]	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Chlordane[alpha-]	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Chlordane[gamma-]	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	DDD[4,4'-]	36	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	DDE[4,4'-]	36	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	DDT[4,4'-]	110	UG/KG	ORGANIC	None
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Dieldrin	36	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Endosulfan I	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Endosulfan II	36	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Endosulfan Sulfate	36	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Endrin	36	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Endrin Aldehyde	36	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Endrin Ketone	36	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Heptachlor	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Heptachlor Epoxide	18	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Methoxychlor[4,4'-]	180	UG/KG	ORGANIC	U
00-10236	RE00-99-0270	29-Sep-99	0	9	cm	SED	Toxaphene (Technical Grade)	1800	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Aldrin	1.9	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	BHC[alpha-]	1.9	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	BHC[beta-]	1.9	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	BHC[delta-]	1.9	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	BHC[gamma-]	1.9	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Chlordane[alpha-]	3.7	UG/KG	ORGANIC	None
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Chlordane[gamma-]	2.7	UG/KG	ORGANIC	None
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	DDD[4,4'-]	3.7	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	DDE[4,4'-]	3.7	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	DDT[4,4'-]	7.9	UG/KG	ORGANIC	None
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Dieldrin	3.7	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Endosulfan I	1.9	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Endosulfan II	3.7	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Endosulfan Sulfate	3.7	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Endrin	3.7	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Endrin Aldehyde	3.7	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Endrin Ketone	3.7	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Heptachlor	1.9	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Heptachlor Epoxide	1.9	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Methoxychlor[4,4'-]	19	UG/KG	ORGANIC	U
00-10233	RE00-99-0271	29-Sep-99	58	79	cm	SED	Toxaphene (Technical Grade)	190	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Aldrin	1.8	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	BHC[delta-]	1.8	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	BHC[gamma-]	1.8	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Chlordane[alpha-]	3.6	UG/KG	ORGANIC	None
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Chlordane[gamma-]	2.8	UG/KG	ORGANIC	None
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	DDD[4,4'-]	3.6	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	DDE[4,4'-]	13	UG/KG	ORGANIC	None
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	DDT[4,4'-]	35	UG/KG	ORGANIC	None
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Dieldrin	3.6	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Endosulfan II	3.6	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Endosulfan Sulfate	3.6	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Endrin	3.6	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Endrin Aldehyde	3.6	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Endrin Ketone	6.8	UG/KG	ORGANIC	None
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Heptachlor	1.8	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U
00-10237	RE00-99-0272	29-Sep-99	0	12	cm	SED	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Aldrin	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	BHC[alpha-]	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	BHC[beta-]	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	BHC[delta-]	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	BHC[gamma-]	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Chlordane[alpha-]	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Chlordane[gamma-]	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	DDD[4,4'-]	110	UG/KG	ORGANIC	None
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	DDE[4,4'-]	48	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	DDT[4,4'-]	270	UG/KG	ORGANIC	None
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Dieldrin	48	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Endosulfan I	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Endosulfan II	48	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Endosulfan Sulfate	48	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Endrin	48	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Endrin Aldehyde	48	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Endrin Ketone	48	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Heptachlor	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Heptachlor Epoxide	24	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Methoxychlor[4,4'-]	240	UG/KG	ORGANIC	U
00-10238	RE00-99-0273	29-Sep-99	0	16	cm	SED	Toxaphene (Technical Grade)	2400	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Aldrin	2.2	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	BHC[alpha-]	2.2	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	BHC[beta-]	2.2	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	BHC[delta-]	2.2	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	BHC[gamma-]	2.2	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Chlordane[alpha-]	6.7	UG/KG	ORGANIC	None
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Chlordane[gamma-]	5.1	UG/KG	ORGANIC	None
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	DDD[4,4'-]	25	UG/KG	ORGANIC	None
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	DDE[4,4'-]	19	UG/KG	ORGANIC	None
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	DDT[4,4'-]	79	UG/KG	ORGANIC	None
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Dieldrin	4.4	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Endosulfan I	15	UG/KG	ORGANIC	None
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Endosulfan II	4.4	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Endosulfan Sulfate	4.4	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Endrin	4.4	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Endrin Aldehyde	4.4	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Endrin Ketone	4.4	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Heptachlor	2.2	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Heptachlor Epoxide	2.2	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Methoxychlor[4,4'-]	22	UG/KG	ORGANIC	U
00-10238	RE00-99-0274	29-Sep-99	16	30	cm	SED	Toxaphene (Technical Grade)	220	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Aldrin	3.7	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	BHC[alpha-]	3.7	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	BHC[beta-]	3.7	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	BHC[delta-]	3.7	UG/KG	ORGANIC	U

Table D 2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	BHC[gamma-]	3.7	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Chlordane[alpha-]	7.5	UG/KG	ORGANIC	None
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Chlordane[gamma-]	7.2	UG/KG	ORGANIC	None
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	DDD[4,4'-]	7.3	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	DDE[4,4'-]	7.3	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	DDT[4,4'-]	15	UG/KG	ORGANIC	None
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Dieldrin	7.3	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Endosulfan I	3.7	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Endosulfan II	7.3	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Endosulfan Sulfate	7.3	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Endrin	7.3	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Endrin Aldehyde	7.3	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Endrin Ketone	9	UG/KG	ORGANIC	None
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Heptachlor	3.7	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Heptachlor Epoxide	3.7	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Methoxychlor[4,4'-]	37	UG/KG	ORGANIC	U
00-10240	RE00-99-0275	29-Sep-99	0	47	cm	SED	Toxaphene (Technical Grade)	370	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Aldrin	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	BHC[alpha-]	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	BHC[beta-]	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	BHC[delta-]	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	BHC[gamma-]	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Chlordane[alpha-]	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Chlordane[gamma-]	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	DDD[4,4'-]	38	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	DDE[4,4'-]	38	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	DDT[4,4'-]	61	UG/KG	ORGANIC	None
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Dieldrin	38	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Endosulfan I	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Endosulfan II	38	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Endosulfan Sulfate	38	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Endrin	38	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Endrin Aldehyde	38	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Endrin Ketone	38	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Heptachlor	19	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Heptachlor Epoxide	19	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Methoxychlor[4,4'-]	190	UG/KG	ORGANIC	U
00-10241	RE00-99-0276	29-Sep-99	0	14	cm	SED	Toxaphene (Technical Grade)	1900	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Aldrin	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	BHC[alpha-]	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	BHC[beta-]	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	BHC[delta-]	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	BHC[gamma-]	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Chlordane[alpha-]	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Chlordane[gamma-]	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	DDD[4,4'-]	18	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	DDE[4,4'-]	18	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	DDT[4,4'-]	34	UG/KG	ORGANIC	None
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Dieldrin	18	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Endosulfan I	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Endosulfan II	18	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Endosulfan Sulfate	18	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Endrin	18	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Endrin Aldehyde	18	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Endrin Ketone	18	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Heptachlor	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Heptachlor Epoxide	8.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Methoxychlor[4,4'-]	89	UG/KG	ORGANIC	U
00-10243	RE00-99-0277	29-Sep-99	0	20	cm	SED	Toxaphene (Technical Grade)	890	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Aldrin	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	BHC[delta-]	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	BHC[gamma-]	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Chlordane[alpha-]	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Chlordane[gamma-]	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	DDD[4,4'-]	3.5	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	DDE[4,4'-]	3.5	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	DDT[4,4'-]	3.5	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Dieldrin	3.5	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Endosulfan II	3.5	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Endosulfan Sulfate	3.5	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Endrin	3.5	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Endrin Aldehyde	3.5	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Endrin Ketone	3.5	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Heptachlor	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U
00-10242	RE00-99-0278	29-Sep-99	0	5	cm	SED	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Aldrin	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	BHC[alpha-]	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	BHC[beta-]	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	BHC[delta-]	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	BHC[gamma-]	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Chlordane[alpha-]	11	UG/KG	ORGANIC	None
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Chlordane[gamma-]	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	DDD[4,4'-]	20	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	DDE[4,4'-]	20	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	DDT[4,4'-]	43	UG/KG	ORGANIC	None
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Dieldrin	20	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Endosulfan I	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Endosulfan II	20	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Endosulfan Sulfate	20	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Endrin	20	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Endrin Aldehyde	20	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Endrin Ketone	20	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Heptachlor	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Heptachlor Epoxide	9.9	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Methoxychlor[4,4'-]	99	UG/KG	ORGANIC	U
00-10243	RE00-99-0279	29-Sep-99	0	20	cm	SED	Toxaphene (Technical Grade)	990	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Aldrin	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	BHC[alpha-]	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	BHC[beta-]	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	BHC[delta-]	1.8	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	BHC[gamma-]	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Chlordane[alpha-]	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Chlordane[gamma-]	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	DDD[4,4'-]	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	DDE[4,4'-]	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	DDT[4,4'-]	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Dieldrin	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Endosulfan I	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Endosulfan II	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Endosulfan Sulfate	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Endrin	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Endrin Aldehyde	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Endrin Ketone	3.6	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Heptachlor	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Heptachlor Epoxide	1.8	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Methoxychlor[4,4'-]	18	UG/KG	ORGANIC	U
00-10245	RE00-99-0280	29-Sep-99	0	4	cm	SED	Toxaphene (Technical Grade)	180	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Aldrin	3.9	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	BHC[alpha-]	3.9	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	BHC[beta-]	3.9	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	BHC[delta-]	3.9	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	BHC[gamma-]	3.9	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Chlordane[alpha-]	12	UG/KG	ORGANIC	None
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Chlordane[gamma-]	11	UG/KG	ORGANIC	None
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	DDD[4,4'-]	7.8	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	DDE[4,4'-]	7.8	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	DDT[4,4'-]	26	UG/KG	ORGANIC	None
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Dieldrin	7.8	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Endosulfan I	3.9	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Endosulfan II	7.8	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Endosulfan Sulfate	7.8	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Endrin	7.8	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Endrin Aldehyde	7.8	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Endrin Ketone	12	UG/KG	ORGANIC	None
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Heptachlor	3.9	UG/KG	ORGANIC	U

Table D-2.0-1

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte Code Description	Result	Units	RFI Class	RFI Qualifier
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Heptachlor Epoxide	3.9	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Methoxychlor[4,4'-]	39	UG/KG	ORGANIC	U
00-10246	RE00-99-0281	29-Sep-99	0	40	cm	SED	Toxaphene (Technical Grade)	390	UG/KG	ORGANIC	U

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1016	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1221	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1232	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1242	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1248	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1254	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1260	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1262	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aroclor-1268	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Aldrin	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	alpha-BHC	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Beta-BHC	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Gamma-BHC	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Delta-BHC	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Chlordane	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	4,4'-DDD	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	4,4'-DDE	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	4,4'-DDT	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Dieldrin	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Endosulfan I	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Endosulfan II	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Endosulfan Sulfate	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Endrin	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Endrin Aldehyde	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Heptachlor	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Heptachlor Epoxide	ND	UG/KG	Organic	U
NA	OB030g-1	3-May-99	0	10	cm	sed	Toxaphene	ND	UG/KG	Organic	U
NA	OB030-g-1	5/3/99	0	10	cm	sed	Aluminum	1900	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Antimony	ND	mg/kg	Inorganic	U
NA	OB030-g-1	5/3/99	0	10	cm	sed	Arsenic	ND	mg/kg	Inorganic	U
NA	OB030-g-1	5/3/99	0	10	cm	sed	Barium	24	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Beryllium	0.26	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Cadmium	ND	mg/kg	Inorganic	U
NA	OB030-g-1	5/3/99	0	10	cm	sed	Calcium	670	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Chromium	2.2	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Cobalt	1.3	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Copper	9.1	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Iron	3000	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Lead	19	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Magnesium	680	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Manganese	130	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Mercury	0.032	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Nickel	2.2	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Potassium	420	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Selenium	ND	mg/kg	Inorganic	U
NA	OB030-g-1	5/3/99	0	10	cm	sed	Silver	0.14	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Sodium	160	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Thallium	ND	mg/kg	Inorganic	U
NA	OB030-g-1	5/3/99	0	10	cm	sed	Vanadium	3.2	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Zinc	840	mg/kg	Inorganic	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	Cyanide	ND	mg/kg	Inorganic	U
NA	OB030-g-1	5/3/99	0	10	cm	sed	AM-241	0.9	pCi/g	Rad	B
NA	OB030-g-1	5/3/99	0	10	cm	sed	PU-238	0.2	pCi/g	Rad	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	PU-239	4.6	pCi/g	Rad	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	PU-242	0.2	pCi/g	Rad	None

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030-g-1	5/3/99	0	10	cm	sed	U-234	0.7	pCi/g	Rad	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	U-235	ND	pCi/g	Rad	None
NA	OB030-g-1	5/3/99	0	10	cm	sed	U-238	0.7	pCi/g	Rad	None
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1016	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1221	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1232	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1242	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1248	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1254	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1260	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1262	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aroclor-1268	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Aldrin	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	alpha-BHC	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Beta-BHC	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Gamma-BHC	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Delta-BHC	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Chlordane	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	4,4'-DDD	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	4,4'-DDE	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	4,4'-DDT	14	UG/KG	Organic	None
NA	OB030g-2	3-May-99	0	6	cm	sed	Dieldrin	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Endosulfan I	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Endosulfan II	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Endosulfan Sulfate	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Endrin	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Endrin Aldehyde	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Heptachlor	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Heptachlor Epoxide	ND	UG/KG	Organic	U
NA	OB030g-2	3-May-99	0	6	cm	sed	Toxaphene	ND	UG/KG	Organic	U
NA	OB030-g-2	5/3/99	0	6	cm	sed	Aluminum	7900	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Antimony	ND	mg/kg	Inorganic	U
NA	OB030-g-2	5/3/99	0	6	cm	sed	Arsenic	28	mg/kg	Inorganic	M
NA	OB030-g-2	5/3/99	0	6	cm	sed	Barium	85	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Beryllium	1.1	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Cadmium	ND	mg/kg	Inorganic	U
NA	OB030-g-2	5/3/99	0	6	cm	sed	Calcium	2700	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Chromium	6.3	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Cobalt	2.4	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Copper	27	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Iron	7300	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Lead	33	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Magnesium	1200	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Manganese	270	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Mercury	0.18	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Nickel	5.5	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Potassium	1400	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Selenium	ND	mg/kg	Inorganic	U
NA	OB030-g-2	5/3/99	0	6	cm	sed	Silver	0.6	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Sodium	240	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Thallium	4.1	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Vanadium	10	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Zinc	64	mg/kg	Inorganic	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	Cyanide	ND	mg/kg	Inorganic	U
NA	OB030-g-2	5/3/99	0	6	cm	sed	AM-241	0.7	pCi/g	Rad	B

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030-g-2	5/3/99	0	6	cm	sed	PU-238	0.9	pCi/g	Rad	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	PU-239	23.4	pCi/g	Rad	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	PU-242	0.8	pCi/g	Rad	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	U-234	2.1	pCi/g	Rad	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	U-235	0.1	pCi/g	Rad	None
NA	OB030-g-2	5/3/99	0	6	cm	sed	U-238	2.3	pCi/g	Rad	None
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1016	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1221	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1232	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1242	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1248	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1254	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1260	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1262	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aroclor-1268	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Aldrin	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	alpha-BHC	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Beta-BHC	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Gamma-BHC	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Delta-BHC	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Chlordane	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	4,4'-DDD	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	4,4'-DDE	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	4,4'-DDT	9.1	UG/KG	Organic	None
NA	OB030g-3	3-May-99	0	7	cm	sed	Dieldrin	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Endosulfan I	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Endosulfan II	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Endosulfan Sulfate	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Endrin	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Endrin Aldehyde	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Heptachlor	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Heptachlor Epoxide	ND	UG/KG	Organic	U
NA	OB030g-3	3-May-99	0	7	cm	sed	Toxaphene	ND	UG/KG	Organic	U
NA	OB030-g-3	5/3/99	0	7	cm	sed	Aluminum	4000	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Antimony	ND	mg/kg	Inorganic	U
NA	OB030-g-3	5/3/99	0	7	cm	sed	Arsenic	ND	mg/kg	Inorganic	U
NA	OB030-g-3	5/3/99	0	7	cm	sed	Barium	59	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Beryllium	0.98	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Cadmium	ND	mg/kg	Inorganic	U
NA	OB030-g-3	5/3/99	0	7	cm	sed	Calcium	1300	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Chromium	4.3	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Cobalt	1.8	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Copper	7.2	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Iron	5400	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Lead	34	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Magnesium	720	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Manganese	180	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Mercury	0.16	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Nickel	3.8	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Potassium	740	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Selenium	ND	mg/kg	Inorganic	U
NA	OB030-g-3	5/3/99	0	7	cm	sed	Silver	0.38	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Sodium	170	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Thallium	ND	mg/kg	Inorganic	U
NA	OB030-g-3	5/3/99	0	7	cm	sed	Vanadium	8	mg/kg	Inorganic	None

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030-g-3	5/3/99	0	7	cm	sed	Zinc	39	mg/kg	Inorganic	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	Cyanide	ND	mg/kg	Inorganic	U
NA	OB030-g-3	5/3/99	0	7	cm	sed	AM-241	0.6	pCi/g	Rad	B
NA	OB030-g-3	5/3/99	0	7	cm	sed	PU-238	0.4	pCi/g	Rad	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	PU-239	9.7	pCi/g	Rad	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	PU-242	0.2	pCi/g	Rad	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	U-234	3	pCi/g	Rad	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	U-235	0.2	pCi/g	Rad	None
NA	OB030-g-3	5/3/99	0	7	cm	sed	U-238	2	pCi/g	Rad	None
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1016	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1221	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1232	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1242	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1248	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1254	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1260	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1262	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aroclor-1268	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Aldrin	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	alpha-BHC	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Beta-BHC	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Gamma-BHC	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Delta-BHC	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Chlordane	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	4,4'-DDD	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	4,4'-DDE	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	4,4'-DDT	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Dieldrin	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Endosulfan I	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Endosulfan II	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Endosulfan Sulfate	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Endrin	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Endrin Aldehyde	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Heptachlor	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Heptachlor Epoxide	ND	UG/KG	Organic	U
NA	OB030g-4	3-May-99	12	31	cm	sed	Toxaphene	ND	UG/KG	Organic	U
NA	OB030-g-4	5/3/99	12	31	cm	sed	Aluminum	2700	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Antimony	ND	mg/kg	Inorganic	U
NA	OB030-g-4	5/3/99	12	31	cm	sed	Arsenic	ND	mg/kg	Inorganic	U
NA	OB030-g-4	5/3/99	12	31	cm	sed	Barium	35	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Beryllium	0.61	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Cadmium	ND	mg/kg	Inorganic	U
NA	OB030-g-4	5/3/99	12	31	cm	sed	Calcium	580	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Chromium	6.4	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Cobalt	6.4	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Copper	10	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Iron	4100	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Lead	14	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Magnesium	400	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Manganese	170	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Mercury	0.15	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Nickel	2.9	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Potassium	480	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Selenium	ND	mg/kg	Inorganic	U
NA	OB030-g-4	5/3/99	12	31	cm	sed	Silver	0.81	mg/kg	Inorganic	None

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030-g-4	5/3/99	12	31	cm	sed	Sodium	200	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Thallium	ND	mg/kg	Inorganic	U
NA	OB030-g-4	5/3/99	12	31	cm	sed	Vanadium	5.2	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Zinc	37	mg/kg	Inorganic	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	Cyanide	ND	mg/kg	Inorganic	U
NA	OB030-g-4	5/3/99	12	31	cm	sed	AM-241	0.4	pCi/g	Rad	B
NA	OB030-g-4	5/3/99	12	31	cm	sed	PU-238	0.5	pCi/g	Rad	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	PU-239	5.9	pCi/g	Rad	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	PU-242	ND	pCi/g	Rad	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	U-234	2.4	pCi/g	Rad	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	U-235	0.1	pCi/g	Rad	None
NA	OB030-g-4	5/3/99	12	31	cm	sed	U-238	1.8	pCi/g	Rad	None
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1016	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1221	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1232	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1242	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1248	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1254	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1260	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1262	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aroclor-1268	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Aldrin	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	alpha-BHC	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Beta-BHC	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Gamma-BHC	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Delta-BHC	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Chlordane	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	4,4'-DDD	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	4,4'-DDE	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	4,4'-DDT	26	UG/KG	Organic	None
NA	OB030g-5	4-May-99	20	40	cm	sed	Dieldrin	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Endosulfan I	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Endosulfan II	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Endosulfan Sulfate	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Endrin	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Endrin Aldehyde	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Heptachlor	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Heptachlor Epoxide	ND	UG/KG	Organic	U
NA	OB030g-5	4-May-99	20	40	cm	sed	Toxaphene	ND	UG/KG	Organic	U
NA	OB030-g-5	5/4/99	20	40	cm	sed	Aluminum	6900	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Antimony	ND	mg/kg	Inorganic	U
NA	OB030-g-5	5/4/99	20	40	cm	sed	Arsenic	20	mg/kg	Inorganic	M
NA	OB030-g-5	5/4/99	20	40	cm	sed	Barium	93	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Beryllium	1.1	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Cadmium	ND	mg/kg	Inorganic	U
NA	OB030-g-5	5/4/99	20	40	cm	sed	Calcium	2100	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Chromium	8.3	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Cobalt	5	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Copper	11	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Iron	8800	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Lead	55	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Magnesium	1100	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Manganese	410	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Mercury	0.05	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Nickel	6	mg/kg	Inorganic	None

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030-g-5	5/4/99	20	40	cm	sed	Potassium	1100	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Selenium	ND	mg/kg	Inorganic	U
NA	OB030-g-5	5/4/99	20	40	cm	sed	Silver	0.57	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Sodium	330	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Thallium	7.3	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Vanadium	16	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Zinc	68	mg/kg	Inorganic	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	Cyanide	ND	mg/kg	Inorganic	U
NA	OB030-g-5	5/4/99	20	40	cm	sed	AM-241	0.3	pCi/g	Rad	B
NA	OB030-g-5	5/4/99	20	40	cm	sed	PU-238	0.2	pCi/g	Rad	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	PU-239	0.2	pCi/g	Rad	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	PU-242	ND	pCi/g	Rad	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	U-234	1.2	pCi/g	Rad	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	U-235	ND	pCi/g	Rad	None
NA	OB030-g-5	5/4/99	20	40	cm	sed	U-238	1.1	pCi/g	Rad	None
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1016	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1221	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1232	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1242	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1248	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1254	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1260	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1262	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aroclor-1268	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Aldrin	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	alpha-BHC	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Beta-BHC	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Gamma-BHC	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Delta-BHC	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Chlordane	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	4,4'-DDD	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	4,4'-DDE	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	4,4'-DDT	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Dieldrin	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Endosulfan I	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Endosulfan II	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Endosulfan Sulfate	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Endrin	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Endrin Aldehyde	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Heptachlor	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Heptachlor Epoxide	ND	UG/KG	Organic	U
NA	OB030g-6	4-May-99	0	20	cm	sed	Toxaphene	ND	UG/KG	Organic	U
NA	OB030-g-6	5/4/99	0	20	cm	sed	Aluminum	8900	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Antimony	ND	mg/kg	Inorganic	U
NA	OB030-g-6	5/4/99	0	20	cm	sed	Arsenic	ND	mg/kg	Inorganic	U
NA	OB030-g-6	5/4/99	0	20	cm	sed	Barium	120	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Beryllium	1.3	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Cadmium	ND	mg/kg	Inorganic	U
NA	OB030-g-6	5/4/99	0	20	cm	sed	Calcium	1400	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Chromium	7.7	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Cobalt	1.6	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Copper	21	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Iron	8400	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Lead	44	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Magnesium	1400	mg/kg	Inorganic	None

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030-g-6	5/4/99	0	20	cm	sed	Manganese	130	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Mercury	0.53	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Nickel	6.7	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Potassium	1100	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Selenium	ND	mg/kg	Inorganic	U
NA	OB030-g-6	5/4/99	0	20	cm	sed	Silver	0.9	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Sodium	250	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Thallium	6.7	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Vanadium	14	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Zinc	73	mg/kg	Inorganic	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	Cyanide	ND	mg/kg	Inorganic	U
NA	OB030-g-6	5/4/99	0	20	cm	sed	AM-241	0.4	pCi/g	Rad	B
NA	OB030-g-6	5/4/99	0	20	cm	sed	PU-238	0.6	pCi/g	Rad	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	PU-239	5.1	pCi/g	Rad	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	PU-242	0.1	pCi/g	Rad	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	U-234	2.2	pCi/g	Rad	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	U-235	0.2	pCi/g	Rad	None
NA	OB030-g-6	5/4/99	0	20	cm	sed	U-238	1.9	pCi/g	Rad	None
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1016	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1221	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1232	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1242	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1248	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1254	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1260	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1262	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aroclor-1268	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Aldrin	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	alpha-BHC	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Beta-BHC	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Gamma-BHC	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Delta-BHC	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Chlordane	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	4,4'-DDD	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	4,4'-DDE	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	4,4'-DDT	18	UG/KG	Organic	None
NA	OB030g-7	4-May-99	20	40	cm	sed	Dieldrin	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Endosulfan I	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Endosulfan II	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Endosulfan Sulfate	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Endrin	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Endrin Aldehyde	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Heptachlor	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Heptachlor Epoxide	ND	UG/KG	Organic	U
NA	OB030g-7	4-May-99	20	40	cm	sed	Toxaphene	ND	UG/KG	Organic	U
NA	OB030-g-7	5/4/99	20	40	cm	sed	Aluminum	3500	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Antimony	ND	mg/kg	Inorganic	U
NA	OB030-g-7	5/4/99	20	40	cm	sed	Arsenic	ND	mg/kg	Inorganic	U
NA	OB030-g-7	5/4/99	20	40	cm	sed	Barium	40	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Beryllium	0.47	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Cadmium	ND	mg/kg	Inorganic	U
NA	OB030-g-7	5/4/99	20	40	cm	sed	Calcium	600	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Chromium	4.4	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Chromium-Hex	0.14	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Cobalt	0.38	mg/kg	Inorganic	None

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030-g-7	5/4/99	20	40	cm	sed	Copper	18	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Iron	3700	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Lead	31	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Magnesium	530	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Manganese	69	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Mercury	1.15	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Nickel	2.1	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Potassium	570	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Selenium	ND	mg/kg	Inorganic	U
NA	OB030-g-7	5/4/99	20	40	cm	sed	Silver	0.51	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Sodium	190	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Thallium	ND	mg/kg	Inorganic	U
NA	OB030-g-7	5/4/99	20	40	cm	sed	Vanadium	5.7	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Zinc	41	mg/kg	Inorganic	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	Cyanide	ND	mg/kg	Inorganic	U
NA	OB030-g-7	5/4/99	20	40	cm	sed	AM-241	0.6	pCi/g	Rad	B
NA	OB030-g-7	5/4/99	20	40	cm	sed	PU-238	0.3	pCi/g	Rad	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	PU-239	24.4	pCi/g	Rad	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	PU-242	0.4	pCi/g	Rad	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	U-234	28.3	pCi/g	Rad	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	U-235	2.1	pCi/g	Rad	None
NA	OB030-g-7	5/4/99	20	40	cm	sed	U-238	15.7	pCi/g	Rad	None
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1016	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1221	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1232	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1242	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1248	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1254	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1260	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1262	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aroclor-1268	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Aldrin	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	alpha-BHC	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Beta-BHC	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Gamma-BHC	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Delta-BHC	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Chlordane	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	4,4'-DDD	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	4,4'-DDE	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	4,4'-DDT	13	UG/KG	Organic	None
NA	OB030g-8	4-May-99	5	20	cm	sed	Dieldrin	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Endosulfan I	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Endosulfan II	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Endosulfan Sulfate	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Endrin	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Endrin Aldehyde	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Heptachlor	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Heptachlor Epoxide	ND	UG/KG	Organic	U
NA	OB030g-8	4-May-99	5	20	cm	sed	Toxaphene	ND	UG/KG	Organic	U
NA	OB030-g-8	5/4/99	5	20	cm	sed	Aluminum	6000	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Antimony	ND	mg/kg	Inorganic	U
NA	OB030-g-8	5/4/99	5	20	cm	sed	Arsenic	3.3	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Barium	99	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Beryllium	0.98	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Cadmium	ND	mg/kg	Inorganic	U

Table D-2.0-2

Location ID	Sample ID	Collection Date	Begin Depth	End Depth	Unit	Media Code	Analyte	Result	Units	RFI Class	Lab Qual.
NA	OB030-g-8	5/4/99	5	20	cm	sed	Calcium	2000	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Chromium	5.6	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Cobalt	7.2	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Copper	14	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Iron	7800	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Lead	58	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Magnesium	1000	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Manganese	730	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Mercury	0.92	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Nickel	7.4	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Potassium	1100	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Selenium	ND	mg/kg	Inorganic	U
NA	OB030-g-8	5/4/99	5	20	cm	sed	Silver	1.1	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Sodium	210	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Thallium	ND	mg/kg	Inorganic	U
NA	OB030-g-8	5/4/99	5	20	cm	sed	Vanadium	11	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Zinc	72	mg/kg	Inorganic	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	Cyanide	ND	mg/kg	Inorganic	U
NA	OB030-g-8	5/4/99	5	20	cm	sed	AM-241	1	pCi/g	Rad	B
NA	OB030-g-8	5/4/99	5	20	cm	sed	PU-238	0.8	pCi/g	Rad	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	PU-239	32.6	pCi/g	Rad	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	PU-242	1.2	pCi/g	Rad	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	U-234	13	pCi/g	Rad	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	U-235	0.8	pCi/g	Rad	None
NA	OB030-g-8	5/4/99	5	20	cm	sed	U-238	6.6	pCi/g	Rad	None

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Sample ID	Collection	SAMPLE T	Location_i	Begin Dept	End Depth	Depth Unit	Media Cod	Record ID	Requst Nu	Analysis Date	Method Co	Suite Name	Sample Ty	Analyte Ty	Technique	Laboratory	Matrix	Analyte Co	Analyte Co	Sample Re	Result Cha	Sample Ur	Reporting	Std Result	Uncertainty	orting Units	Lab Qualifi	Percent Mo	Conversion	Ref Doc	RFI Class	LANL Qual	LANL Qual	LANL Qual	LANL Qual	GT 3 Unct	RFI Qual	RFI Qual Reason
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	309-00-2	Aldrin	1.4		0	UG/KG	0.0014		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	12789-03-6	Chlordane (	5		0	UG/KG	0.005		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	959-98-8	Endosulfan	5		0	UG/KG	0.005		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	1031-07-8	Endosulfan	24		0	UG/KG	0.024		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	72-20-8	Endrin	2.1		0	UG/KG	0.0021		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	7421-93-4	Endrin Alde	8.4		0	UG/KG	0.0084		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	76-44-8	Heptachlor	1.1		0	UG/KG	0.0011		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	1024-57-3	Heptachlor	30		0	UG/KG	0.03		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14903	18-Aug-93	PEST/PCB (Assigned)				GCEC	PDM	SS	53469-21-9	Aroclor-124	1		0	UG/G	1		MG/KG	U		A6	19966	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14903	18-Aug-93	PEST/PCB (Assigned)				GCEC	PDM	SS	11097-69-1	Aroclor-125	1		0	UG/G	1		MG/KG	U		A6	19966	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14903	18-Aug-93	PEST/PCB (Assigned)				GCEC	PDM	SS	11096-82-5	Aroclor-126	1		0	UG/G	1		MG/KG	U		A6	19966	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14903	18-Aug-93	PEST/PCB (Assigned)				GCEC	PDM	SS	1336-36-3	Aroclors (M	1		0	UG/G	1		MG/KG	U		A6	19966	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	319-84-6	BHC[alpha-	1.1		0	UG/KG	0.0011		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	319-85-7	BHC[beta-]	2.1		0	UG/KG	0.0021		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	319-86-8	BHC[delta-]	3.2		0	UG/KG	0.0032		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	58-89-9	BHC[gamm	1.4		0	UG/KG	0.0014		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	72-54-8	DDD[4,4'-]	42		12.6	UG/KG	0.042	0.0126	MG/KG			A3	20333	ORGANIC							
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	72-55-9	DDE[4,4'-]	1.4		0	UG/KG	0.0014		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	50-29-3	DDT[4,4'-]	6.1		1.8	UG/KG	0.0061	0.0018	MG/KG			A3	20333	ORGANIC							
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	60-57-1	Dieldrin	0.71		0	UG/KG	0.00071		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	33213-65-9	Endosulfan	1.4		0	UG/KG	0.0014		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	72-43-5	Methoxychl	63		0	UG/KG	0.063		MG/KG	U		A3	20333	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	8001-35-2	Toxaphene	86		0	UG/KG	0.086		MG/KG	U		A3	20333	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	309-00-2	Aldrin	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	72-54-8	DDD[4,4'-]	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	72-55-9	DDE[4,4'-]	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	50-29-3	DDT[4,4'-]	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	60-57-1	Dieldrin	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	53469-21-9	Aroclor-124	3.2		0	UG/KG	0.0032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	17-Aug-93	PEST/PCB (Assigned)				GCEC	KMH	SS	53469-21-9	Aroclor-124	0.5		0	UG/G	0.5		MG/KG	U		A6	19939	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	11097-69-1	Aroclor-125	3.2		0	UG/KG	0.0032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	17-Aug-93	PEST/PCB (Assigned)				GCEC	KMH	SS	11097-69-1	Aroclor-125	0.5		0	UG/G	0.5		MG/KG	U		A6	19939	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	959-98-8	Endosulfan	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	33213-65-9	Endosulfan	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	1031-07-8	Endosulfan	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	72-20-8	Endrin	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	7421-93-4	Endrin Alde	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	11096-82-5	Aroclor-126	3.2		0	UG/KG	0.0032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	17-Aug-93	PEST/PCB (Assigned)				GCEC	KMH	SS	11096-82-5	Aroclor-126	0.5		0	UG/G	0.5		MG/KG	U		A6	19939	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	76-44-8	Heptachlor	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	1024-57-3	Heptachlor	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	17-Aug-93	PEST/PCB (Assigned)				GCEC	KMH	SS	1336-36-3	Aroclors (M	0.5		0	UG/G	0.5		MG/KG	U		A6	19939	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	319-84-6	BHC[alpha-	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	319-85-7	BHC[beta-]	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	319-86-8	BHC[delta-]	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:0142	15276	26-Aug-93	PEST/PCB (Assigned)				GCEC	MM	SS	58-89-9	BHC[gamm	0.32		0	UG/KG	0.00032		MG/KG	U		A3	20142	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	309-00-2	Aldrin	1.5		0	UG/KG	0.0015		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	309-00-2	Aldrin	1.5		0	UG/KG	0.0015		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0145	15367	13-Oct-93	PEST/PCB (Assigned)				GCEC	KMH	SS	53469-21-9	Aroclor-124	1		0	UG/G	1		MG/KG	U		A6	21072	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0145	15367	13-Oct-93	PEST/PCB (Assigned)				GCEC	KMH	SS	11097-69-1	Aroclor-125	1		0	UG/G	1		MG/KG	U		A6	21072	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0145	15367	13-Oct-93	PEST/PCB (Assigned)				GCEC	KMH	SS	11096-82-5	Aroclor-126	1		0	UG/G	1		MG/KG	U		A6	21072	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0145	15367	13-Oct-93	PEST/PCB (Assigned)				GCEC	KMH	SS	1336-36-3	Aroclors (M	1		0	UG/G	1		MG/KG	U		A6	21072	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	12789-03-6	Chlordane (	5.3		0	UG/KG	0.0053		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	12789-03-6	Chlordane (	5.3		0	UG/KG	0.0053		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-54-8	DDD[4,4'-]	4.2		0	UG/KG	0.0042		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-54-8	DDD[4,4'-]	4.2		0	UG/KG	0.0042		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-55-9	DDE[4,4'-]	1.5		0	UG/KG	0.0015		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-55-9	DDE[4,4'-]	1.5		0	UG/KG	0.0015		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	50-29-3	DDT[4,4'-]	44		13.2	UG/KG	0.044	0.0132	MG/KG			A3	19938	ORGANIC							
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	50-29-3	DDT[4,4'-]	44		13.2	UG/KG	0.044	0.0132	MG/KG			A3	21000	ORGANIC							
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	60-57-1	Dieldrin	0.76		0	UG/KG	0.00076		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	60-57-1	Dieldrin	0.76		0	UG/KG	0.00076		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	959-98-8	Endosulfan	5.3		0	UG/KG	0.0053		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	959-98-8	Endosulfan	5.3		0	UG/KG	0.0053		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	33213-65-9	Endosulfan	1.5		0	UG/KG	0.0015		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	33213-65-9	Endosulfan	1.5		0	UG/KG	0.0015		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	1031-07-8	Endosulfan	25		0	UG/KG	0.025		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	1031-07-8	Endosulfan	25		0	UG/KG	0.025		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-20-8	Endrin	2.3		0	UG/KG	0.0023		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-20-8	Endrin	2.3		0	UG/KG	0.0023		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	7421-93-4	Endrin Alde	8.7		0	UG/KG	0.0087		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	7421-93-4	Endrin Alde	8.7		0	UG/KG	0.0087		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	76-44-8	Heptachlor	1.1		0	UG/KG	0.0011		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	76-44-8	Heptachlor	1.1		0	UG/KG	0.0011		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	1024-57-3	Heptachlor	31		0	UG/KG	0.031		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	1024-57-3	Heptachlor	31		0	UG/KG	0.031		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-84-6	BHC[alpha-	1.1		0	UG/KG	0.0011		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-84-6	BHC[alpha-	1.1		0	UG/KG	0.0011		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-85-7	BHC[beta-]	2.3		0	UG/KG	0.0023		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-85-7	BHC[beta-]	2.3		0	UG/KG	0.0023		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-86-8	BHC[delta-]	3.4		0	UG/KG	0.0034		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-86-8	BHC[delta-]	3.4		0	UG/KG	0.0034		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	58-89-9	BHC[gamm	1.5		0	UG/KG	0.0015		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	58-89-9	BHC[gamm	1.5		0	UG/KG	0.0015		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-43-5	Methoxychl	67		0	UG/KG	0.067		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-43-5	Methoxychl	67		0	UG/KG	0.067		MG/KG	U		A3	21000	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	8001-35-2	Toxaphene	91		0	UG/KG	0.091		MG/KG	U		A3	19938	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	8001-35-2	Toxaphene	91		0	UG/KG	0.091		MG/KG	U		A3	21000	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	309-00-2	Aldrin	1.5		0	UG/KG	0.0015		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14903	18-Aug-93	PEST/PCB (Assigned)				GCEC	PDM	SS	53469-21-9	Aroclor-124	1		0	UG/G	1		MG/KG	U		A6	19966	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14903	18-Aug-93	PEST/PCB (Assigned)				GCEC	PDM	SS	11097-69-1	Aroclor-125	1		0	UG/G	1		MG/KG	U		A6	19966	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14903	18-Aug-93	PEST/PCB (Assigned)				GCEC	PDM	SS	11096-82-5	Aroclor-126	1		0	UG/G	1		MG/KG	U		A6	19966	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14903	18-Aug-93	PEST/PCB (Assigned)				GCEC	PDM	SS	1336-36-3	Aroclors (M	1		0	UG/G	1		MG/KG	U		A6	19966	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	319-84-6	BHC[alpha-	1.1		0	UG/KG	0.0011		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	319-85-7	BHC[beta-]	2.2		0	UG/KG	0.0022		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	319-86-8	BHC[delta-]	3.3		0	UG/KG	0.0033		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	58-89-9	BHC[gamm	1.5		0	UG/KG	0.0015		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	12789-03-6	Chlordane (	5.1		0	UG/KG	0.0051		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	959-98-8	Endosulfan	5.1		0	UG/KG	0.0051		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	1031-07-8	Endosulfan	24		0	UG/KG	0.024		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	72-20-8	Endrin	2.2		0	UG/KG	0.0022		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	7421-93-4	Endrin Alde	8.4		0	UG/KG	0.0084		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	76-44-8	Heptachlor	1.1		0	UG/KG	0.0011		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	1024-57-3	Heptachlor	30		0	UG/KG	0.03		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	72-54-8	DDD[4,4'-]	4		0	UG/KG	0.004		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	72-55-9	DDE[4,4'-]	1.4		0	UG/KG	0.0014		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	50-29-3	DDT[4,4'-]	4.4		0	UG/KG	0.0044		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	60-57-1	Dieldrin	0.73		0	UG/KG	0.00073		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	33213-65-9	Endosulfan	1.5		0	UG/KG	0.0015		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	72-43-5	Methoxychl	64		0	UG/KG	0.064		MG/KG	U		A3	20333	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:0118	14901	8-Jul-93	PEST/PCB (Assigned)				GCEC	503	SS	8001-35-2	Toxaphene	88		0	UG/KG	0.088		MG/KG	U		A3	20333	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	309-00-2	Aldrin	1.5		0	UG/KG	0.0015		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	309-00-2	Aldrin	1.5		0	UG/KG	0.0015		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0145	15367	13-Oct-93	PEST/PCB (Assigned)				GCEC	KMH	SS	53469-21-9	Aroclor-124	1		0	UG/G	1		MG/KG	U		A6	21072	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0145	15367	13-Oct-93	PEST/PCB (Assigned)				GCEC	KMH	SS	11097-69-1	Aroclor-125	1		0	UG/G	1		MG/KG	U		A6	21072	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0145	15367	13-Oct-93	PEST/PCB (Assigned)				GCEC	KMH	SS	11096-82-5	Aroclor-126	1		0	UG/G	1		MG/KG	U		A6	21072	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0145	15367	13-Oct-93	PEST/PCB (Assigned)				GCEC	KMH	SS	1336-36-3	Aroclors (M	1		0	UG/G	1		MG/KG	U		A6	21072	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-84-6	BHC[alpha-	1.1		0	UG/KG	0.0011		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-84-6	BHC[alpha-	1.1		0	UG/KG	0.0011		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-85-7	BHC[beta-]	2.3		0	UG/KG	0.0023		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-85-7	BHC[beta-]	2.3		0	UG/KG	0.0023		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-86-8	BHC[delta-]	3.4		0	UG/KG	0.0034		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	319-86-8	BHC[delta-]	3.4		0	UG/KG	0.0034		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	58-89-9	BHC[gamm	1.5		0	UG/KG	0.0015		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	58-89-9	BHC[gamm	1.5		0	UG/KG	0.0015		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	12789-03-6	Chlordane (	5.3		0	UG/KG	0.0053		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	12789-03-6	Chlordane (	5.3		0	UG/KG	0.0053		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-54-8	DDD[4,4'-]	4.2		0	UG/KG	0.0042		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-54-8	DDD[4,4'-]	4.2		0	UG/KG	0.0042		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-55-9	DDE[4,4'-]	1.5		0	UG/KG	0.0015		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-55-9	DDE[4,4'-]	1.5		0	UG/KG	0.0015		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	50-29-3	DDT[4,4'-]	17		5.1	UG/KG	0.017	0.0051	MG/KG			A3	19938	ORGANIC							
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	50-29-3	DDT[4,4'-]	17		5.1	UG/KG	0.017	0.0051	MG/KG			A3	21000	ORGANIC							
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	60-57-1	Dieldrin	0.76		0	UG/KG	0.00076		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	60-57-1	Dieldrin	0.76		0	UG/KG	0.00076		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	959-98-8	Endosulfan	5.3		0	UG/KG	0.0053		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	959-98-8	Endosulfan	5.3		0	UG/KG	0.0053		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	33213-65-9	Endosulfan	1.5		0	UG/KG	0.0015		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	33213-65-9	Endosulfan	1.5		0	UG/KG	0.0015		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	1031-07-8	Endosulfan	25		0	UG/KG	0.025		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	1031-07-8	Endosulfan	25		0	UG/KG	0.025		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-20-8	Endrin	2.3		0	UG/KG	0.0023		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-20-8	Endrin	2.3		0	UG/KG	0.0023		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	7421-93-4	Endrin Alde	8.8		0	UG/KG	0.0088		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	7421-93-4	Endrin Alde	8.8		0	UG/KG	0.0088		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	76-44-8	Heptachlor	1.1		0	UG/KG	0.0011		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	76-44-8	Heptachlor	1.1		0	UG/KG	0.0011		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	1024-57-3	Heptachlor	32		0	UG/KG	0.032		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	1024-57-3	Heptachlor	32		0	UG/KG	0.032		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-43-5	Methoxychl	67		0	UG/KG	0.067		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	72-43-5	Methoxychl	67		0	UG/KG	0.067		MG/KG	U		A3	21000	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	8001-35-2	Toxaphene	91		0	UG/KG	0.091		MG/KG	U		A3	19938	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:0144	15365	17-Aug-93	PEST/PCB (Assigned)				GCEC	503	SS	8001-35-2	Toxaphene	91		0	UG/KG	0.091		MG/KG	U		A3	21000	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	309-00-2	Aldrin	2		0	UG/KG	0.002		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	12674-11-2	Aroclor-101	38.9		0	UG/KG	0.0389		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	11104-28-2	Aroclor-122	79		0	UG/KG	0.079		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	11141-16-5	Aroclor-123	38		0	UG/KG	0.038		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	53469-21-9	Aroclor-124	38		0	UG/KG	0.038		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17138	25-Apr-94	PEST/PCB (Assigned)				GCEC	KMH	SS	53469-21-9	Aroclor-124	0.2816		0	UG/G	0.2816		MG/KG	U		A6	24143	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	12672-29-6	Aroclor-124	38		0	UG/KG	0.038		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17138	25-Apr-94	PEST/PCB (Assigned)				GCEC	KMH	SS	11097-69-1	Aroclor-125	0.2816		0	UG/G	0.2816		MG/KG	U		A6	24143	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	11096-82-5	Aroclor-126	38		0	UG/KG	0.038		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	319-84-6	BHC[alpha-	2		0	UG/KG	0.002		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	319-85-7	BHC[beta-]	2		0	UG/KG	0.002		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	319-86-8	BHC[delta-]	2		0	UG/KG	0.002		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	58-89-9	BHC[gamm	2		0	UG/KG	0.002		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	11097-69-1	Aroclor-125	1070		321	UG/KG	1.07	0.321	MG/KG			A3	24315	ORGANIC							
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17138	25-Apr-94	PEST/PCB (Assigned)				GCEC	KMH	SS	11096-82-5	Aroclor-126	0.71		0.213	UG/G	0.71	0.213	MG/KG			A6	24143	ORGANIC							
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17138	25-Apr-94	PEST/PCB (Assigned)				GCEC	KMH	SS	1336-36-3	Aroclors (M	0.71		0.142	UG/G	0.71	0.142	MG/KG			A6	24143	ORGANIC							
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	5103-71-9	Chlordane[a	27.4		8.22	UG/KG	0.0274	0.00822	MG/KG			A3	24315	ORGANIC							
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	5103-74-2	Chlordane[g	12.2		3.66	UG/KG	0.0122	0.00366	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	72-54-8	DDD[4,4'-]	10.8		3.24	UG/KG	0.0108	0.00324	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	72-55-9	DDE[4,4'-]	3.89		0	UG/KG	0.00389		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	50-29-3	DDT[4,4'-]	38.7		11.61	UG/KG	0.0387	0.01161	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	60-57-1	Dieldrin	43.9		13.17	UG/KG	0.0439	0.01317	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	959-98-8	Endosulfan	2		0	UG/KG	0.002		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	33213-65-9	Endosulfan	21.1		6.33	UG/KG	0.0211	0.00633	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	1031-07-8	Endosulfan	3.89		0	UG/KG	0.00389		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	72-20-8	Endrin	3.89		0	UG/KG	0.00389		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	7421-93-4	Endrin Alde	8.66		2.598	UG/KG	0.00866	0.002598	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	53494-70-5	Endrin Keto	3.89		0	UG/KG	0.00389		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	76-44-8	Heptachlor	2		0	UG/KG	0.002		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	1024-57-3	Heptachlor	2		0	UG/KG	0.002		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	72-43-5	Methoxychl	20		0	UG/KG	0.02		MG/KG	U		A3	24315	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	8001-35-2	Toxaphene	200		0	UG/KG	0.2		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	309-00-2	Aldrin	1.97		0	UG/KG	0.00197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	12674-11-2	Aroclor-101	38.3		0	UG/KG	0.0383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	11104-28-2	Aroclor-122	77.7		0	UG/KG	0.0777		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	11141-16-5	Aroclor-123	38.3		0	UG/KG	0.0383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	53469-21-9	Aroclor-124	38.3		0	UG/KG	0.0383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17138	25-Apr-94	PEST/PCB (Assigned)				GCEC	KMH	SS	53469-21-9	Aroclor-124	0.2757		0	UG/G	0.2757		MG/KG	U		A6	24143	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	12672-29-6	Aroclor-124	38.3		0	UG/KG	0.0383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17138	25-Apr-94	PEST/PCB (Assigned)				GCEC	KMH	SS	11097-69-1	Aroclor-125	0.2757		0	UG/G	0.2757		MG/KG	U		A6	24143	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	11096-82-5	Aroclor-126	38.3		0	UG/KG	0.0383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17138	25-Apr-94	PEST/PCB (Assigned)				GCEC	KMH	SS	11096-82-5	Aroclor-126	0.2757		0	UG/G	0.2757		MG/KG	U		A6	24143	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17138	25-Apr-94	PEST/PCB (Assigned)				GCEC	KMH	SS	1336-36-3	Aroclors (M	0.2757		0	UG/G	0.2757		MG/KG	U		A6	24143	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	319-84-6	BHC[alpha-	1.97		0	UG/KG	0.00197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	319-85-7	BHC[beta-]	1.97		0	UG/KG	0.00197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	319-86-8	BHC[delta-]	1.97		0	UG/KG	0.00197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	58-89-9	BHC[gamm	1.97		0	UG/KG	0.00197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	11097-69-1	Aroclor-125	297		89.1	UG/KG	0.297	0.0891	MG/KG			A3	24315	ORGANIC							
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	5103-71-9	Chlordane[a	8.7		2.61	UG/KG	0.0087	0.00261	MG/KG			A3	24315	ORGANIC							
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	5103-74-2	Chlordane[g	2.3		0.69	UG/KG	0.0023	0.00069	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	72-54-8	DDD[4,4'-]	4.48		1.344	UG/KG	0.00448	0.001344	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	72-55-9	DDE[4,4'-]	6.26		1.878	UG/KG	0.00626	0.001878	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	50-29-3	DDT[4,4'-]	19.6		5.88	UG/KG	0.0196	0.00588	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	60-57-1	Dieldrin	7.84		2.352	UG/KG	0.00784	0.002352	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	959-98-8	Endosulfan	1.97		0	UG/KG	0.00197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	33213-65-9	Endosulfan	5.52		1.656	UG/KG	0.00552	0.001656	MG/KG	J		A3	24315	ORGANIC						J	EQL/MDL
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	1031-07-8	Endosulfan	3.83		0	UG/KG	0.00383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	72-20-8	Endrin	3.83		0	UG/KG	0.00383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	7421-93-4	Endrin Alde	3.83		0	UG/KG	0.00383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	53494-70-5	Endrin Keto	3.83		0	UG/KG	0.00383		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	76-44-8	Heptachlor	1.97		0	UG/KG	0.00197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	1024-57-3	Heptachlor	1.97		0	UG/KG	0.00197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	72-43-5	Methoxychl	19.7		0	UG/KG	0.0197		MG/KG	U		A3	24315	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:0193	17135	2-May-94	PEST/PCB (Assigned)				GCEC	506	SS	8001-35-2	Toxaphene	197		0	UG/KG	0.197		MG/KG	U		A3	24315	ORGANIC						U	
RE00-99-0165	3-May-99		00-10232	29	41	cm	SED	S:01001358	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	74			UG/KG	74		UG/KG	U	10	A3	STAGE	ORGANIC						U	
RE00-99-0165	3-May-99		00-10232	29	41	cm	SED	S:01001359	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	150			UG/KG	150		UG/KG	U	10	A3	STAGE	ORGANIC						U	
RE00-99-0165	3-May-99		00-10232	29	41	cm	SED	S:01001360	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	74			UG/KG	74		UG/KG	U	10	A3	STAGE	ORGANIC						U	
RE00-99-0165	3-May-99		00-10232	29	41	cm	SED	S:01001361	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	74			UG/KG	74		UG/KG	U	10	A3	STAGE	ORGANIC						U	
RE00-99-0165	3-May-99		00-10232	29	41	cm	SED	S:01001362	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	74			UG/KG	74		UG/KG	U	10	A3	STAGE	ORGANIC						U	
RE00-99-0165	3-May-99		00-10232	29	41	cm	SED	S:01001363	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	74			UG/KG	74		UG/KG	U	10	A3	STAGE	ORGANIC						U	
RE00-99-0165	3-May-99		00-10232	29	41	cm	SED	S:01001364	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	74			UG/KG	74		UG/KG	U	10	A3	STAGE	ORGANIC						U	
RE00-99-0166	3-May-99		00-10233	0	12	cm	SED	S:01001365	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	97			UG/KG	97		UG/KG	U	31.5	A3	STAGE	ORGANIC						U	
RE00-99-0166	3-May-99		00-10233	0	12	cm	SED	S:01001366	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	190			UG/KG	190		UG/KG	U	31.5	A3	STAGE	ORGANIC						U	
RE00-99-0166	3-May-99		00-10233	0	12	cm	SED	S:01001367	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	97			UG/KG	97		UG/KG	U	31.5	A3	STAGE	ORGANIC						U	
RE00-99-0166	3-May-99		00-10233	0	12	cm	SED	S:01001368	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	97			UG/KG	97		UG/KG	U	31.5	A3	STAGE	ORGANIC						U	
RE00-99-0166	3-May-99		00-10233	0	12	cm	SED	S:01001369	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	97			UG/KG	97		UG/KG	U	31.5	A3	STAGE	ORGANIC						U	
RE00-99-0166	3-May-99		00-10233	0	12	cm	SED	S:01001371	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	97			UG/KG	97		UG/KG	U	31.5	A3	STAGE	ORGANIC						U	
RE00-99-0166	3-May-99		00-10233	0	12	cm	SED	S:01001370	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	400			UG/KG	0.4		MG/KG		31.5	A3	STAGE	ORGANIC							
RE00-99-0167	3-May-99		00-10233	45	58	cm	SED	S:01001372	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	180			UG/KG	180		UG/KG	U	24.8	A3	STAGE	ORGANIC						U	
RE00-99-0167	3-May-99		00-10233	45	58	cm	SED	S:01001373	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	350			UG/KG	350		UG/KG	U	24.8	A3	STAGE	ORGANIC						U	
RE00-99-0167	3-May-99		00-10233	45	58	cm	SED	S:01001374	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	180			UG/KG	180		UG/KG	U	24.8	A3	STAGE	ORGANIC						U	
RE00-99-0167	3-May-99		00-10233	45	58	cm	SED	S:01001375	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	180			UG/KG	180		UG/KG	U	24.8	A3	STAGE	ORGANIC						U	
RE00-99-0167	3-May-99		00-10233	45	58	cm	SED	S:01001376	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	180			UG/KG	180		UG/KG	U	24.8	A3	STAGE	ORGANIC						U	
RE00-99-0167	3-May-99		00-10233	45	58	cm	SED	S:01001377	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	180			UG/KG	180		UG/KG	U	24.8	A3	STAGE	ORGANIC						U	
RE00-99-0167	3-May-99		00-10233	45	58	cm	SED	S:01001378	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	180			UG/KG	180		UG/KG	U	24.8	A3	STAGE	ORGANIC						U	
RE00-99-0168	3-May-99		00-10233	58	79	cm	SED	S:01001379	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	36			UG/KG	36		UG/KG	U	6.8	A3	STAGE	ORGANIC						U	
RE00-99-0168	3-May-99		00-10233	58	79	cm	SED	S:01001380	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	72			UG/KG	72		UG/KG	U	6.8	A3	STAGE	ORGANIC						U	
RE00-99-0168	3-May-99		00-10233	58	79	cm	SED	S:01001381	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	36			UG/KG	36		UG/KG	U	6.8	A3	STAGE	ORGANIC						U	
RE00-99-0168	3-May-99		00-10233	58	79	cm	SED	S:01001382	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	36			UG/KG	36		UG/KG	U	6.8	A3	STAGE	ORGANIC						U	
RE00-99-0168	3-May-99		00-10233	58	79	cm	SED	S:01001383	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	36			UG/KG	36		UG/KG	U	6.8	A3	STAGE	ORGANIC						U	
RE00-99-0168	3-May-99		00-10233	58	79	cm	SED	S:01001384	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	36			UG/KG	36		UG/KG	U	6.8	A3	STAGE	ORGANIC						U	
RE00-99-0168	3-May-99		00-10233	58	79	cm	SED	S:01001385	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	36			UG/KG	36		UG/KG	U	6.8	A3	STAGE	ORGANIC						U	
RE00-99-0169	3-May-99		00-10236	0	9	cm	SED	S:01031942	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	87			UG/KG	87		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0169	3-May-99		00-10236	0	9	cm	SED	S:01031943	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	170			UG/KG	170		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0169	3-May-99		00-10236	0	9	cm	SED	S:01031944	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	87			UG/KG	87		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0169	3-May-99		00-10236	0	9	cm	SED	S:01031945	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	87			UG/KG	87		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0169	3-May-99		00-10236	0	9	cm	SED	S:01031946	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	87			UG/KG	87		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0169	3-May-99		00-10236	0	9	cm	SED	S:01031947	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	87			UG/KG	87		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0169	3-May-99		00-10236	0	9	cm	SED	S:01031948	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	87			UG/KG	87		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0170	3-May-99		00-10237	0	12	cm	SED	S:01001387	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	43			UG/KG	43		UG/KG	U	21.6	A3	STAGE	ORGANIC						U	
RE00-99-0170	3-May-99		00-10237	0	12	cm	SED	S:01001388	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	85			UG/KG	85		UG/KG	U	21.6	A3	STAGE	ORGANIC						U	
RE00-99-0170	3-May-99		00-10237	0	12	cm	SED	S:01001389	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	43			UG/KG	43		UG/KG	U	21.6	A3	STAGE	ORGANIC						U	
RE00-99-0170	3-May-99		00-10237	0	12	cm	SED	S:01001390	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	43			UG/KG	43		UG/KG	U	21.6	A3	STAGE	ORGANIC						U	
RE00-99-0170	3-May-99		00-10237	0	12	cm	SED	S:01001391	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	43			UG/KG	43		UG/KG	U	21.6	A3	STAGE	ORGANIC						U	
RE00-99-0170	3-May-99		00-10237	0	12	cm	SED	S:01001392	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	43			UG/KG	43		UG/KG	U	21.6	A3	STAGE	ORGANIC						U	
RE00-99-0170	3-May-99		00-10237	0	12	cm	SED	S:01001386	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	43			UG/KG	43		UG/KG	U	21.6	A3	STAGE	ORGANIC						U	
RE00-99-0171	3-May-99		00-10238	0	16	cm	SED	S:01001393	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	42			UG/KG	42		UG/KG	U	20.6	A3	STAGE	ORGANIC						U	
RE00-99-0171	3-May-99		00-10238	0	16	cm	SED	S:01001394	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	84			UG/KG	84		UG/KG	U	20.6	A3	STAGE	ORGANIC						U	
RE00-99-0171	3-May-99		00-10238	0	16	cm	SED	S:01001395	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	42			UG/KG	42		UG/KG	U	20.6	A3	STAGE	ORGANIC						U	
RE00-99-0171	3-May-99		00-10238	0	16	cm	SED	S:01001396	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	42			UG/KG	42		UG/KG	U	20.6	A3	STAGE	ORGANIC						U	
RE00-99-0171	3-May-99		00-10238	0	16	cm	SED	S:01001397	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	42			UG/KG	42		UG/KG	U	20.6	A3	STAGE	ORGANIC						U	
RE00-99-0171	3-May-99		00-10238	0	16	cm	SED	S:01001398	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	42			UG/KG	42		UG/KG	U	20.6	A3	STAGE	ORGANIC						U	
RE00-99-0171	3-May-99		00-10238	0	16	cm	SED	S:01001399	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	23			UG/KG	0.023		MG/KG	J	20.6	A3	STAGE	ORGANIC						J	EQL/MDL
RE00-99-0172	3-May-99		00-10238	16	30	cm	SED	S:01001400	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	49			UG/KG	49		UG/KG	U	32.5	A3	STAGE	ORGANIC						U	
RE00-99-0172	3-May-99		00-10238	16	30	cm	SED	S:01001401	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	99			UG/KG	99		UG/KG	U	32.5	A3	STAGE	ORGANIC						U	
RE00-99-0172	3-May-99		00-10238	16	30	cm	SED	S:01001402	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	49			UG/KG	49		UG/KG	U	32.5	A3	STAGE	ORGANIC						U	
RE00-99-0172	3-May-99		00-10238	16	30	cm	SED	S:01001403	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	49			UG/KG	49		UG/KG	U	32.5	A3	STAGE	ORGANIC						U	
RE00-99-0172	3-May-99		00-10238	16	30	cm	SED	S:01001404	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	49			UG/KG	49		UG/KG	U	32.5	A3	STAGE	ORGANIC						U	
RE00-99-0172	3-May-99		00-10238	16	30	cm	SED	S:01001405	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	49			UG/KG	49		UG/KG	U	32.5	A3	STAGE	ORGANIC						U	
RE00-99-0172	3-May-99		00-10238	16	30	cm	SED	S:01001406	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	49			UG/KG	49		UG/KG	U	32.5	A3	STAGE	ORGANIC						U	
RE00-99-0173	3-May-99		00-10240	0	47	cm	SED	S:01001411	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	41			UG/KG	41		UG/KG	U	18.1	A3	STAGE	ORGANIC						U	
RE00-99-0173	3-May-99		00-10240	0	47	cm	SED	S:01001412	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	81			UG/KG	81		UG/KG	U	18.1	A3	STAGE	ORGANIC						U	
RE00-99-0173	3-May-99		00-10240	0	47	cm	SED	S:01001413	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	41			UG/KG	41		UG/KG	U	18.1	A3	STAGE	ORGANIC						U	
RE00-99-0173	3-May-99		00-10240	0	47	cm	SED	S:01001407	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	41			UG/KG	41		UG/KG	U	18.1	A3	STAGE	ORGANIC						U	
RE00-99-0173	3-May-99		00-10240	0	47	cm	SED	S:01001408	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	41			UG/KG	41		UG/KG	U	18.1	A3	STAGE	ORGANIC						U	
RE00-99-0173	3-May-99		00-10240	0	47	cm	SED	S:01001409	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	41			UG/KG	41		UG/KG	U	18.1	A3	STAGE	ORGANIC						U	
RE00-99-0173	3-May-99		00-10240	0	47	cm	SED	S:01001410	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	35			UG/KG	0.035		MG/KG	J	18.1	A3	STAGE	ORGANIC						J	EQL/MDL
RE00-99-0174	3-May-99		00-10241	0	14	cm	SED	S:01001414	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	43			UG/KG	43		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0174	3-May-99		00-10241	0	14	cm	SED	S:01001415	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	87			UG/KG	87		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0174	3-May-99		00-10241	0	14	cm	SED	S:01001416	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	43			UG/KG	43		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0174	3-May-99		00-10241	0	14	cm	SED	S:01001417	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	43			UG/KG	43		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0174	3-May-99		00-10241	0	14	cm	SED	S:01001418	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	43			UG/KG	43		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0174	3-May-99		00-10241	0	14	cm	SED	S:01001419	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	43			UG/KG	43		UG/KG	U	23.2	A3	STAGE	ORGANIC						U	
RE00-99-0174	3-May-99		00-10241	0	14	cm	SED	S:01001420	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	130			UG/KG	0.13		MG/KG		23.2	A3	STAGE	ORGANIC							
RE00-99-0175	3-May-99		00-10242	0	5	cm	SED	S:01001421	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	39			UG/KG	39		UG/KG	U	14.3	A3	STAGE	ORGANIC						U	
RE00-99-0175	3-May-99		00-10242	0	5	cm	SED	S:01001422	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	78			UG/KG	78		UG/KG	U	14.3	A3	STAGE	ORGANIC						U	
RE00-99-0175	3-May-99		00-10242	0	5	cm	SED	S:01001423	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	39			UG/KG	39		UG/KG	U	14.3	A3	STAGE	ORGANIC						U	
RE00-99-0175	3-May-99		00-10242	0	5	cm	SED	S:01001424	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	39			UG/KG	39		UG/KG	U	14.3	A3	STAGE	ORGANIC						U	
RE00-99-0175	3-May-99		00-10242	0	5	cm	SED	S:01001425	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	39			UG/KG	39		UG/KG	U	14.3	A3	STAGE	ORGANIC						U	
RE00-99-0175	3-May-99		00-10242	0	5	cm	SED	S:01001426	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	39			UG/KG	39		UG/KG	U	14.3	A3	STAGE	ORGANIC						U	
RE00-99-0175	3-May-99		00-10242	0	5	cm	SED	S:01001427	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	39			UG/KG	39		UG/KG	U	14.3	A3	STAGE	ORGANIC						U	
RE00-99-0176	3-May-99		00-10243	0	20	cm	SED	S:01001434	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	40			UG/KG	40		UG/KG	U	17.4	A3	STAGE	ORGANIC						U	
RE00-99-0176	3-May-99		00-10243	0	20	cm	SED	S:01001428	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	81			UG/KG	81		UG/KG	U	17.4	A3	STAGE	ORGANIC						U	
RE00-99-0176	3-May-99		00-10243	0	20	cm	SED	S:01001429	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	40			UG/KG	40		UG/KG	U	17.4	A3	STAGE	ORGANIC						U	
RE00-99-0176	3-May-99		00-10243	0	20	cm	SED	S:01001430	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	40			UG/KG	40		UG/KG	U	17.4	A3	STAGE	ORGANIC						U	
RE00-99-0176	3-May-99		00-10243	0	20	cm	SED	S:01001431	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	40			UG/KG	40		UG/KG	U	17.4	A3	STAGE	ORGANIC						U	
RE00-99-0176	3-May-99		00-10243	0	20	cm	SED	S:01001432	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	40			UG/KG	40		UG/KG	U	17.4	A3	STAGE	ORGANIC						U	
RE00-99-0176	3-May-99		00-10243	0	20	cm	SED	S:01001433	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	69			UG/KG	0.069		MG/KG		17.4	A3	STAGE	ORGANIC							
RE00-99-0177	3-May-99		00-10243	0	20	cm	SED	S:01001435	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	40			UG/KG	40		UG/KG	U	16.9	A3	STAGE	ORGANIC						U	
RE00-99-0177	3-May-99		00-10243	0	20	cm	SED	S:01001436	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	80			UG/KG	80		UG/KG	U	16.9	A3	STAGE	ORGANIC						U	
RE00-99-0177	3-May-99		00-10243	0	20	cm	SED	S:01001437	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	40			UG/KG	40		UG/KG	U	16.9	A3	STAGE	ORGANIC						U	
RE00-99-0177	3-May-99		00-10243	0	20	cm	SED	S:01001438	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	40			UG/KG	40		UG/KG	U	16.9	A3	STAGE	ORGANIC						U	
RE00-99-0177	3-May-99		00-10243	0	20	cm	SED	S:01001439	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	40			UG/KG	40		UG/KG	U	16.9	A3	STAGE	ORGANIC						U	
RE00-99-0177	3-May-99		00-10243	0	20	cm	SED	S:01001440	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	40			UG/KG	40		UG/KG	U	16.9	A3	STAGE	ORGANIC						U	
RE00-99-0177	3-May-99		00-10243	0	20	cm	SED	S:01001441	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	70			UG/KG	0.07		MG/KG		16.9	A3	STAGE	ORGANIC							
RE00-99-0178	4-May-99		00-10245	0	8	cm	SED	S:01001442	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	38			UG/KG	38		UG/KG	U	13.4	A3	STAGE	ORGANIC						U	
RE00-99-0178	4-May-99		00-10245	0	8	cm	SED	S:01001443	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	77			UG/KG	77		UG/KG	U	13.4	A3	STAGE	ORGANIC						U	
RE00-99-0178	4-May-99		00-10245	0	8	cm	SED	S:01001444	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	38			UG/KG	38		UG/KG	U	13.4	A3	STAGE	ORGANIC						U	
RE00-99-0178	4-May-99		00-10245	0	8	cm	SED	S:01001445	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	38			UG/KG	38		UG/KG	U	13.4	A3	STAGE	ORGANIC						U	
RE00-99-0178	4-May-99		00-10245	0	8	cm	SED	S:01001446	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	38			UG/KG	38		UG/KG	U	13.4	A3	STAGE	ORGANIC						U	
RE00-99-0178	4-May-99		00-10245	0	8	cm	SED	S:01001447	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	38			UG/KG	38		UG/KG	U	13.4	A3	STAGE	ORGANIC						U	
RE00-99-0178	4-May-99		00-10245	0	8	cm	SED	S:01001448	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	38			UG/KG	38		UG/KG	U	13.4	A3	STAGE	ORGANIC						U	
RE00-99-0179	4-May-99		00-10246	0	40	cm	SED	S:01001449	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12674-11-2	Aroclor-101	45			UG/KG	45		UG/KG	U	26.7	A3	STAGE	ORGANIC						U	
RE00-99-0179	4-May-99		00-10246	0	40	cm	SED	S:01001450	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11104-28-2	Aroclor-122	91			UG/KG	91		UG/KG	U	26.7	A3	STAGE	ORGANIC						U	
RE00-99-0179	4-May-99		00-10246	0	40	cm	SED	S:01001451	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11141-16-5	Aroclor-123	45			UG/KG	45		UG/KG	U	26.7	A3	STAGE	ORGANIC						U	
RE00-99-0179	4-May-99		00-10246	0	40	cm	SED	S:01001452	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	53469-21-9	Aroclor-124	45			UG/KG	45		UG/KG	U	26.7	A3	STAGE	ORGANIC						U	
RE00-99-0179	4-May-99		00-10246	0	40	cm	SED	S:01001453	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	12672-29-6	Aroclor-124	45			UG/KG	45		UG/KG	U	26.7	A3	STAGE	ORGANIC						U	
RE00-99-0179	4-May-99		00-10246	0	40	cm	SED	S:01001454	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11097-69-1	Aroclor-125	45			UG/KG	45		UG/KG	U	26.7	A3	STAGE	ORGANIC						U	
RE00-99-0179	4-May-99		00-10246	0	40	cm	SED	S:01001455	5539R	15-May-99	PCB	PCB	SAMPLE	ANALYTE		PA	SOIL	11096-82-5	Aroclor-126	39			UG/KG	0.039		MG/KG	J	26.7	A3	STAGE	ORGANIC						J	EQL/MDL

Sample ID	Collection	SAMPLE	Location_	Begin De	End Dept	Depth Un	Media Co	Record ID	Requst N	Analysis Date	Method C	Suite Nam	Sample T	Analyte T	Techniqu	Laborator	Matrix	Analyte C	Analyte C	Sample R
0100-96-2101	17-Oct-96		00-3721	3	5	IN	SED	S:006227	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11097-69-	Aroclor-12	519
0100-96-2101	17-Oct-96		00-3721	3	5	IN	SED	S:006227	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12674-11-	Aroclor-10	14.6
0100-96-2101	17-Oct-96		00-3721	3	5	IN	SED	S:006227	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11104-28-	Aroclor-12	14.6
0100-96-2101	17-Oct-96		00-3721	3	5	IN	SED	S:006227	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11141-16-	Aroclor-12	14.6
0100-96-2101	17-Oct-96		00-3721	3	5	IN	SED	S:006227	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	53469-21-	Aroclor-12	14.6
0100-96-2101	17-Oct-96		00-3721	3	5	IN	SED	S:006227	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12672-29-	Aroclor-12	14.6
0100-96-2101	17-Oct-96		00-3721	3	5	IN	SED	S:006227	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11096-82-	Aroclor-12	14.6
0100-96-2102	17-Oct-96		00-3722	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11097-69-	Aroclor-12	84.2
0100-96-2102	17-Oct-96		00-3722	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12674-11-	Aroclor-10	15.5
0100-96-2102	17-Oct-96		00-3722	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11104-28-	Aroclor-12	15.5
0100-96-2102	17-Oct-96		00-3722	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11141-16-	Aroclor-12	15.5
0100-96-2102	17-Oct-96		00-3722	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	53469-21-	Aroclor-12	15.5
0100-96-2102	17-Oct-96		00-3722	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12672-29-	Aroclor-12	15.5
0100-96-2102	17-Oct-96		00-3722	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11096-82-	Aroclor-12	15.5
0100-96-2103	17-Oct-96		00-3724	3	5	IN	SED	S:006228	2729	4-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11097-69-	Aroclor-12	423
0100-96-2103	17-Oct-96		00-3724	3	5	IN	SED	S:006227	2729	4-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12674-11-	Aroclor-10	15.4
0100-96-2103	17-Oct-96		00-3724	3	5	IN	SED	S:006228	2729	4-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11104-28-	Aroclor-12	15.4
0100-96-2103	17-Oct-96		00-3724	3	5	IN	SED	S:006228	2729	4-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11141-16-	Aroclor-12	15.4
0100-96-2103	17-Oct-96		00-3724	3	5	IN	SED	S:006228	2729	4-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	53469-21-	Aroclor-12	15.4
0100-96-2103	17-Oct-96		00-3724	3	5	IN	SED	S:006228	2729	4-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12672-29-	Aroclor-12	15.4
0100-96-2103	17-Oct-96		00-3724	3	5	IN	SED	S:006228	2729	4-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11096-82-	Aroclor-12	15.4
0100-96-2104	17-Oct-96		00-3723	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11097-69-	Aroclor-12	656
0100-96-2104	17-Oct-96		00-3723	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12674-11-	Aroclor-10	15.5
0100-96-2104	17-Oct-96		00-3723	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11104-28-	Aroclor-12	15.5
0100-96-2104	17-Oct-96		00-3723	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11141-16-	Aroclor-12	15.5
0100-96-2104	17-Oct-96		00-3723	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	53469-21-	Aroclor-12	15.5
0100-96-2104	17-Oct-96		00-3723	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12672-29-	Aroclor-12	15.5
0100-96-2104	17-Oct-96		00-3723	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11096-82-	Aroclor-12	15.5
0100-96-2105	17-Oct-96		00-3724	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11097-69-	Aroclor-12	264
0100-96-2105	17-Oct-96		00-3724	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12674-11-	Aroclor-10	15.2
0100-96-2105	17-Oct-96		00-3724	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11104-28-	Aroclor-12	15.2
0100-96-2105	17-Oct-96		00-3724	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11141-16-	Aroclor-12	15.2
0100-96-2105	17-Oct-96		00-3724	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	53469-21-	Aroclor-12	15.2
0100-96-2105	17-Oct-96		00-3724	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12672-29-	Aroclor-12	15.2
0100-96-2105	17-Oct-96		00-3724	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11096-82-	Aroclor-12	15.2
0100-96-2106	17-Oct-96		00-3725	3	5	IN	SED	S:006229	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11097-69-	Aroclor-12	611
0100-96-2106	17-Oct-96		00-3725	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12674-11-	Aroclor-10	16.2
0100-96-2106	17-Oct-96		00-3725	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11104-28-	Aroclor-12	16.2
0100-96-2106	17-Oct-96		00-3725	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11141-16-	Aroclor-12	16.2
0100-96-2106	17-Oct-96		00-3725	3	5	IN	SED	S:006228	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	53469-21-	Aroclor-12	16.2
0100-96-2106	17-Oct-96		00-3725	3	5	IN	SED	S:006229	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12672-29-	Aroclor-12	16.2
0100-96-2106	17-Oct-96		00-3725	3	5	IN	SED	S:006229	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11096-82-	Aroclor-12	16.2
0100-96-2107	17-Oct-96		00-3726	3	5	IN	SED	S:006229	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11097-69-	Aroclor-12	93.5
0100-96-2107	17-Oct-96		00-3726	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	12674-11-	Aroclor-10	15
0100-96-2107	17-Oct-96		00-3726	3	5	IN	SED	S:006226	2729	6-Nov-96	PCB	PESTPCB	SAMPLE	ANALYTE		EA	SOIL	11104-28-	Aroclor-12	15

RE00-98-0020	4-Sep-98	00-3666	168	180	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	190		UG/KG	190	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	37		UG/KG	37	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	74		UG/KG	74	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	37		UG/KG	37	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	37		UG/KG	37	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	37		UG/KG	37	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	37		UG/KG	37	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	37		UG/KG	37	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.7		UG/KG	3.7	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.7		UG/KG	3.7	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.7		UG/KG	3.7	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.7		UG/KG	3.7	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.7		UG/KG	3.7	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.7		UG/KG	3.7	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.7		UG/KG	3.7	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.37		UG/KG	0.37	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.7		UG/KG	3.7	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002950	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.9		UG/KG	1.9	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	19		UG/KG	19	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138	IN	QBT3	S:002951	4570R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	190		UG/KG	190	UG/KG	U	11	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002879	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	68		UG/KG	68	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002879	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002879	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002879	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002879	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002879	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.34		UG/KG	0.34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002879	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002879	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	17		UG/KG	17	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	170		UG/KG	170	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	36		UG/KG	36	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	72		UG/KG	72	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	36		UG/KG	36	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	36		UG/KG	36	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	36		UG/KG	36	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	36		UG/KG	36	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	36		UG/KG	36	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.6		UG/KG	3.6	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.6		UG/KG	3.6	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.6		UG/KG	3.6	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.6		UG/KG	3.6	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.6		UG/KG	3.6	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.6		UG/KG	3.6	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.6		UG/KG	3.6	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.36		UG/KG	0.36	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.6		UG/KG	3.6	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.8		UG/KG	1.8	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	18		UG/KG	18	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	180		UG/KG	180	UG/KG	U	8	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	73		UG/KG	73	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002880	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.37		UG/KG	0.37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	18		UG/KG	18	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0024	4-Sep-98	00-3665	156	168	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	180		UG/KG	180	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	68		UG/KG	68	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.34		UG/KG	0.34	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	17		UG/KG	17	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0025	4-Sep-98	00-3678	150	162	IN	QBT3	S:002881	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	170		UG/KG	170	UG/KG	U	3	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	35		UG/KG	35	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	70		UG/KG	70	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	35		UG/KG	35	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	35		UG/KG	35	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	35		UG/KG	35	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	35		UG/KG	35	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	35		UG/KG	35	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.5		UG/KG	3.5	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.5		UG/KG	3.5	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.5		UG/KG	3.5	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.5		UG/KG	3.5	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.5		UG/KG	3.5	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.5		UG/KG	3.5	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.5		UG/KG	3.5	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.35		UG/KG	0.35	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.5		UG/KG	3.5	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.8		UG/KG	1.8	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	18		UG/KG	18	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0026	3-Sep-98	00-3663	150	162	IN	QBT3	S:002882	4564R	12-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	180		UG/KG	180	UG/KG	U	6	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	73		UG/KG	73	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	37		UG/KG	37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.37		UG/KG	0.37	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.7		UG/KG	3.7	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002882	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.8		UG/KG	1.8	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	18		UG/KG	18	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0027	4-Sep-98	00-3665	108	120	IN	QBT3	S:002883	4564R	13-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	180		UG/KG	180	UG/KG	U	10	A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	68		UG/KG	68	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.34		UG/KG	0.34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	17		UG/KG	17	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0031	3-Sep-98	00-3670	24	36	IN	QBT3	S:002830	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	170		UG/KG	170	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	309-00-2	Aldrin	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12674-11-	Aroclor-10	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11104-28-	Aroclor-12	68		UG/KG	68	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11141-16-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53469-21-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	12672-29-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11097-69-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	11096-82-	Aroclor-12	34		UG/KG	34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-84-6	BHC[alph	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-85-7	BHC[beta-	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	319-86-8	BHC[delta	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	58-89-9	BHC[gam	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-43-5	Methoxycl	17		UG/KG	17	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-71-9	Chlordane	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	5103-74-2	Chlordane	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-54-8	DDD[4,4'-	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-55-9	DDE[4,4'-]	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	50-29-3	DDT[4,4'-]	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	60-57-1	Dieldrin	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	959-98-8	Endosulfa	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	33213-65-	Endosulfa	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1031-07-8	Endosulfa	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	72-20-8	Endrin	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	7421-93-4	Endrin Ald	0.34		UG/KG	0.34	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	53494-70-	Endrin Ke	3.4		UG/KG	3.4	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	76-44-8	Heptachlo	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	1024-57-3	Heptachlo	1.7		UG/KG	1.7	UG/KG	U	3	A3	ORGANICPM	U
RE00-98-0032	3-Sep-98	00-3670	72	84	IN	QBT3	S:002831	4556R	11-Sep-98	PESTPCE	PESTPCE	SAMPLE	ANALYTE	KA	SOIL	8001-35-2	Toxaphen	170		UG/KG	170	UG/KG	U	3	A3	ORGANICPM	U

Sample ID	Collection	SAMPLE	Location	Begin De	End Dept	Depth Un	Media Co	Record ID	Request N	Analysis Date	Method C	Suite Nam	Sample T	Analyte T	Techniqu	Laborator	Matrix	Analyte C	Analyte C	Sample R	Result Ch	Sample	UReporting	Result	Uncertainty	Reporting Units	Lab Qual	Percent N	Conversio	Ref Doc	RFI Class	LANL Qu	LANL Qu	LANL Qu	LANL Qu	GT 3 Unc	RFI Qual	RFI Qual Reason
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	83-32-9	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	208-96-8	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	53-70-3	Dibenz(a,h	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	132-64-9	Dibenzofu	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-50-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	541-73-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-46-7	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-94-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-83-2	Dichloroph	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-66-2	Diethylpht	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	131-11-3	Dimethyl P	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	105-67-9	Dimethylp	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	534-52-1	Dinitro-2-n	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	51-28-5	Dinitrophe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	121-14-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	606-20-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-84-0	Di-n-octylp	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	206-44-0	Fluoranthe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-73-7	Fluorene	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	118-74-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-68-3	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	77-47-4	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	67-72-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	193-39-5	Indeno(1,2	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-53-3	Aniline	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-12-7	Anthracen	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	103-33-3	Azobenze	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	92-87-5	Benzidine	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	56-55-3	Benzo(a)a	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	50-32-8	Benzo(a)p	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	205-99-2	Benzo(b)f	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	191-24-2	Benzo(g,h	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	207-08-9	Benzo(k)fl	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	65-85-0	Benzoic A	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-51-6	Benzyl Alc	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-91-1	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-44-4	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-81-7	Bis(2-ethy	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	101-55-3	Bromophe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-68-7	Butylbenz	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	59-50-7	Chloro-3-r	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-47-8	Chloroanil	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-58-7	Chloronap	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-57-8	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	7005-72-3	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	218-01-9	Chrysene	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-74-2	Di-n-butylp	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	78-59-1	Isophoron	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-57-6	Methylnap	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-48-7	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-44-5	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-20-3	Naphthale	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-74-4	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	99-09-2	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-01-6	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	98-95-3	Nitrobenz	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-75-5	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-02-7	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-75-9	Nitrosodin	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	621-64-7	Nitroso-di-	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-30-6	Nitrosodip	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-60-1	Oxybis(1-c	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-86-5	Pentachlo	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-01-8	Phenanthr	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-95-2	Phenol	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	129-00-0	Pyrene	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-82-1	Trichlorob	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-95-4	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1903	21-Jun-93		00-3622	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-06-2	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	83-32-9	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	208-96-8	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-53-3	Aniline	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-12-7	Anthracen	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	53-70-3	Dibenz(a,h	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	132-64-9	Dibenzofu	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-50-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	541-73-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-46-7	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-94-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-83-2	Dichloroph	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-66-2	Diethylpht	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	131-11-3	Dimethyl P	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	105-67-9	Dimethylp	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-74-2	Di-n-butylp	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	534-52-1	Dinitro-2-n	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	51-28-5	Dinitrophe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	121-14-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	606-20-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-84-0	Di-n-octylp	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	206-44-0	Fluoranthe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-73-7	Fluorene	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	118-74-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-68-3	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	77-47-4	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	67-72-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	193-39-5	Indeno(1,2	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	103-33-3	Azobenze	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	92-87-5	Benzidine	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	56-55-3	Benzo(a)a	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	50-32-8	Benzo(a)p	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	205-99-2	Benzo(b)f	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	191-24-2	Benzo(g,h	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	207-08-9	Benzo(k)fl	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	65-85-0	Benzoic A	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-51-6	Benzyl Alc	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-91-1	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-44-4	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-81-7	Bis(2-ethy	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	101-55-3	Bromophe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-68-7	Butylbenz	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	59-50-7	Chloro-3-r	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-47-8	Chloroanil	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-58-7	Chloronap	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-57-8	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	7005-72-3	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	218-01-9	Chrysene	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	78-59-1	Isophoron	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-57-6	Methylnap	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-48-7	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-44-5	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-20-3	Naphthale	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-74-4	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	99-09-2	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-01-6	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	98-95-3	Nitrobenz	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-75-5	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-02-7	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-75-9	Nitrosodin	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	621-64-7	Nitroso-di-	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-30-6	Nitrosodip	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-60-1	Oxybis(1-c	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-86-5	Pentachlo	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-01-8	Phenanthr	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-95-2	Phenol	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	129-00-0	Pyrene	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-82-1	Trichlorob	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-95-4	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1909	28-Jul-93		00-3668	36	96	IN	ALLH	CST1:014	15276	18-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-06-2	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19963	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	83-32-9	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	208-96-8	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-53-3	Aniline	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-12-7	Anthracen	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	103-33-3	Azobenze	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	53-70-3	Dibenz(a,h	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	132-64-9	Dibenzofu	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-50-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	541-73-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-46-7	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-94-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-83-2	Dichloroph	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	92-87-5	Benzidine	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	56-55-3	Benzo(a)a	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	50-32-8	Benzo(a)p	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	205-99-2	Benzo(b)f	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	191-24-2	Benzo(g,h	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	207-08-9	Benzo(k)fl	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	65-85-0	Benzoic A	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-51-6	Benzyl Alc	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-66-2	Diethylpht	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	131-11-3	Dimethyl P	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	105-67-9	Dimethylp	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-74-2	Di-n-butylp	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	534-52-1	Dinitro-2-n	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	51-28-5	Dinitrophe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	121-14-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	606-20-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-84-0	Di-n-octylp	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	206-44-0	Fluoranthe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-73-7	Fluorene	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	118-74-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-68-3	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	77-47-4	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	67-72-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	193-39-5	Indeno(1,2	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-91-1	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-44-4	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-81-7	Bis(2-ethy	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	101-55-3	Bromophe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-68-7	Butylbenz	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	59-50-7	Chloro-3-r	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-47-8	Chloroanil	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-58-7	Chloronap	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-57-8	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	7005-72-3	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	218-01-9	Chrysene	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	78-59-1	Isophoron	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-57-6	Methylnap	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-48-7	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-44-5	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-20-3	Naphthale	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-74-4	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	99-09-2	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-01-6	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	98-95-3	Nitrobenz	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-75-5	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-02-7	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-75-9	Nitrosodin	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	621-64-7	Nitroso-di-	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-30-6	Nitrosodip	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-60-1	Oxybis(1-c	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-86-5	Pentachlo	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-01-8	Phenanthr	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-95-2	Phenol	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	129-00-0	Pyrene	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-82-1	Trichlorob	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-95-4	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1910	5-Aug-93		00-3662	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-06-2	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	83-32-9	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	208-96-8	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-53-3	Aniline	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-12-7	Anthracen	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	103-33-3	Azobenze	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	92-87-5	Benzidine	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	56-55-3	Benzo(a)a	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	50-32-8	Benzo(a)p	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	205-99-2	Benzo(b)f	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	191-24-2	Benzo(g,h	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	207-08-9	Benzo(k)fl	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	65-85-0	Benzoic A	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-51-6	Benzyl Alc	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-91-1	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-44-4	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-81-7	Bis(2-ethy	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	101-55-3	Bromophe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-68-7	Butylbenz	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	53-70-3	Dibenz(a,h	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	132-64-9	Dibenzofu	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-50-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	541-73-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-46-7	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-94-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-83-2	Dichloroph	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-66-2	Diethylpht	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	131-11-3	Dimethyl P	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	105-67-9	Dimethylp	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	534-52-1	Dinitro-2-n	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	51-28-5	Dinitrophe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	121-14-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	606-20-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-84-0	Di-n-octylp	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	206-44-0	Fluoranthe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-73-7	Fluorene	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	118-74-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-68-3	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	77-47-4	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	67-72-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	193-39-5	Indeno(1,2	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	59-50-7	Chloro-3-r	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-47-8	Chloroanil	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-58-7	Chloronap	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-57-8	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	7005-72-3	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	218-01-9	Chrysene	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-74-2	Di-n-butylp	650		195	UG/KG	0.65		0.195 MG/KG			A3	19728	ORGANIC							
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	78-59-1	Isophoron	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-57-6	Methylnap	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-48-7	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-44-5	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-20-3	Naphthale	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-74-4	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	99-09-2	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-01-6	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	98-95-3	Nitrobenz	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-75-5	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-02-7	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-75-9	Nitrosodin	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	621-64-7	Nitroso-di-	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-30-6	Nitrosodip	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-60-1	Oxybis(1-c	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-86-5	Pentachlo	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-01-8	Phenanthr	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-95-2	Phenol	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	129-00-0	Pyrene	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-82-1	Trichlorob	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-95-4	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA1912	21-Jun-93		00-3667	18	22	IN	ALLH	CST1:011	14903	4-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-06-2	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19728	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	83-32-9	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	208-96-8	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-53-3	Aniline	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-12-7	Anthracen	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	103-33-3	Azobenze	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	92-87-5	Benzidine	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	56-55-3	Benzo(a)a	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	50-32-8	Benzo(a)p	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	205-99-2	Benzo(b)f	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	191-24-2	Benzo(g,h	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	207-08-9	Benzo(k)fl	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	65-85-0	Benzoic A	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-51-6	Benzyl Alc	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-91-1	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	111-44-4	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-81-7	Bis(2-ethy	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	101-55-3	Bromophe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-68-7	Butylbenz	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	53-70-3	Dibenz(a,h	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	132-64-9	Dibenzofu	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-50-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	541-73-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-46-7	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-94-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-83-2	Dichloroph	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-66-2	Diethylpht	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	131-11-3	Dimethyl P	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	105-67-9	Dimethylp	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	84-74-2	Di-n-butylp	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	534-52-1	Dinitro-2-n	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	51-28-5	Dinitrophe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	121-14-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	606-20-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	117-84-0	Di-n-octylp	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	206-44-0	Fluoranthe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-73-7	Fluorene	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	118-74-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-68-3	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	77-47-4	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	67-72-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	193-39-5	Indeno(1,2	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	59-50-7	Chloro-3-r	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-47-8	Chloroanil	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-58-7	Chloronap	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-57-8	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	7005-72-3	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	218-01-9	Chrysene	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	78-59-1	Isophoron	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-57-6	Methylnap	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-48-7	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	106-44-5	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	91-20-3	Naphthale	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-74-4	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	99-09-2	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-01-6	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	98-95-3	Nitrobenz	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-75-5	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	100-02-7	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	62-75-9	Nitrosodin	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	621-64-7	Nitroso-di-	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	86-30-6	Nitrosodip	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-60-1	Oxybis(1-c	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	87-86-5	Pentachlo	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	85-01-8	Phenanthr	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	108-95-2	Phenol	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	129-00-0	Pyrene	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	120-82-1	Trichlorob	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	95-95-4	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAA3563	5-Aug-93		00-3663	108	114	IN	ALLH	CST1:014	15367	17-Aug-93	SEMI(Assigned)				GCMS	AJL	SS	88-06-2	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	19937	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	83-32-9	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	208-96-8	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	62-53-3	Aniline	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	120-12-7	Anthracen	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	103-33-3	Azobenze	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	92-87-5	Benzidine	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	56-55-3	Benzo(a)a	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	50-32-8	Benzo(a)p	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	205-99-2	Benzo(b)f	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	191-24-2	Benzo(g,h	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	207-08-9	Benzo(k)fl	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	65-85-0	Benzoic A	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	100-51-6	Benzyl Alc	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	111-91-1	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	111-44-4	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	117-81-7	Bis(2-ethy	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	101-55-3	Bromophe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	85-68-7	Butylbenz	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	59-50-7	Chloro-3-r	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	106-47-8	Chloroanil	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	91-58-7	Chloronap	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	95-57-8	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	7005-72-3	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	218-01-9	Chrysene	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	53-70-3	Dibenz(a,h	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	132-64-9	Dibenzofu	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	95-50-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	541-73-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	106-46-7	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	91-94-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	120-83-2	Dichloroph	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	84-66-2	Diethylpht	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	131-11-3	Dimethyl P	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	105-67-9	Dimethylp	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	84-74-2	Di-n-butylp	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	534-52-1	Dinitro-2-n	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	51-28-5	Dinitrophe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	121-14-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	606-20-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	117-84-0	Di-n-octylp	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	206-44-0	Fluoranthe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	86-73-7	Fluorene	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	118-74-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	87-68-3	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	77-47-4	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	67-72-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	193-39-5	Indeno(1,2	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	78-59-1	Isophoron	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	91-57-6	Methylnap	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	95-48-7	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	106-44-5	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	91-20-3	Naphthale	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	88-74-4	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	99-09-2	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	100-01-6	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	98-95-3	Nitrobenz	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	88-75-5	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	100-02-7	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	62-75-9	Nitrosodin	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	621-64-7	Nitroso-di-	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	86-30-6	Nitrosodip	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	108-60-1	Oxybis(1-c	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	87-86-5	Pentachlo	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	85-01-8	Phenanthr	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	108-95-2	Phenol	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	129-00-0	Pyrene	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	120-82-1	Trichlorob	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	95-95-4	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0275	7-Apr-94		00-3724				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	88-06-2	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	83-32-9	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	208-96-8	Acenaphth	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	62-53-3	Aniline	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	120-12-7	Anthracen	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	103-33-3	Azobenze	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	92-87-5	Benzidine	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	56-55-3	Benzo(a)a	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	50-32-8	Benzo(a)p	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	205-99-2	Benzo(b)f	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	191-24-2	Benzo(g,h	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	207-08-9	Benzo(k)fl	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	65-85-0	Benzoic A	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	100-51-6	Benzyl Alc	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	111-91-1	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	111-44-4	Bis(2-chlo	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	117-81-7	Bis(2-ethy	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	101-55-3	Bromophe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	85-68-7	Butylbenz	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	59-50-7	Chloro-3-r	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	106-47-8	Chloroanil	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	91-58-7	Chloronap	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	95-57-8	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	7005-72-3	Chlorophe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	218-01-9	Chrysene	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	53-70-3	Dibenz(a,h	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	132-64-9	Dibenzofu	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	95-50-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	541-73-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	106-46-7	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	91-94-1	Dichlorobe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	120-83-2	Dichloroph	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	84-66-2	Diethylpht	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	131-11-3	Dimethyl P	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	105-67-9	Dimethylp	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	84-74-2	Di-n-butylp	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	534-52-1	Dinitro-2-n	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	51-28-5	Dinitrophe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	121-14-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	606-20-2	Dinitrotolu	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	117-84-0	Di-n-octylp	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	206-44-0	Fluoranthe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	86-73-7	Fluorene	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	118-74-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	87-68-3	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	77-47-4	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	67-72-1	Hexachlor	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	193-39-5	Indeno(1,2	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	78-59-1	Isophoron	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	91-57-6	Methylnap	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	95-48-7	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	106-44-5	Methylphe	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	91-20-3	Naphthale	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	88-74-4	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	99-09-2	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	100-01-6	Nitroanilin	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	98-95-3	Nitrobenz	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	88-75-5	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	100-02-7	Nitrophen	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	62-75-9	Nitrosodin	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	621-64-7	Nitroso-di-	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	86-30-6	Nitrosodip	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	108-60-1	Oxybis(1-c	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	87-86-5	Pentachlo	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	85-01-8	Phenanthr	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	108-95-2	Phenol	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	129-00-0	Pyrene	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	120-82-1	Trichlorob	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	95-95-4	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
AAB0278	7-Apr-94		00-3725				ALLH	CST1:018	17138	26-Apr-94	SEMI(Assigned)				GCMS	AJL	SS	88-06-2	Trichlorop	330		0	UG/KG	0.33		MG/KG	U		A3	24213	ORGANIC						U	
RE00-98-0002	4-Sep-98		00-3662	168	180	IN	QBT3	S:002973	4573R	16-Sep-98	SEMI	SEMI	SAMPLE	ANALYTE		KB	SOIL	83-32-9	Acenaphth	370			UG/KG	370		UG/KG	U	11	A3		ORGANIC						U	
RE00-98-0002	4-Sep-98		00-3662	168	180	IN	QBT3	S:002973	4573R	16-Sep-98	SEMI	SEMI	SAMPLE	ANALYTE		KB	SOIL	208-96-8	Acenaphth	370			UG/KG	370		UG/KG	U	11	A3		ORGANIC						U	
RE00-98-0002	4-Sep-98		00-3662	168	180	IN	QBT3	S:002974	4573R	16-Sep-98	SEMI	SEMI	SAMPLE	ANALYTE		KB	SOIL	62-53-3	Aniline	740			UG/KG	740		UG/KG	U	11	A3		ORGANIC						U	
RE00-98-0002	4-Sep-98		00-3662	168	180	IN	QBT3	S:002974	4573R	16-Sep-98	SEMI	SEMI	SAMPLE	ANALYTE		KB	SOIL	120-12-7	Anthracen	370			UG/KG	370		UG/KG	U	11	A3		ORGANIC						U	
RE00-98-0002	4-Sep-98		00-3662	168	180	IN	QBT3	S:002974	4573R	16-Sep-98	SEMI	SEMI	SAMPLE	ANALYTE		KB	SOIL	103-33-3	Azobenze	740			UG/KG	740		UG/KG	U	11	A3		ORGANIC						U	
RE00-98-0002	4-Sep-98		00-3662	168	180	IN	QBT3	S:002972	4573R	16-Sep-98	SEMI	SEMI	SAMPLE	ANALYTE		KB	SOIL	56-55-3	Benzo(a)a	370			UG/KG	370		UG/KG	U	11	A3		ORGANIC						U	

RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	50-32-8	Benzo(a)p	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	205-99-2	Benzo(b)f	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	191-24-2	Benzo(g,h	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	207-08-9	Benzo(k)fl	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	65-85-0	Benzoic A	3700	UG/KG	3700	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	100-51-6	Benzyl Alc	1500	UG/KG	1500	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	111-91-1	Bis(2-chlo	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	111-44-4	Bis(2-chlo	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	117-81-7	Bis(2-ethy	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	101-55-3	Bromophe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	85-68-7	Butylbenz	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	59-50-7	Chloro-3-r	740	UG/KG	740	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	106-47-8	Chloroanil	1500	UG/KG	1500	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	91-58-7	Chloronap	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	95-57-8	Chlorophe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	7005-72-3	Chlorophe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	218-01-9	Chrysene	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	53-70-3	Dibenz(a,h	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	132-64-9	Dibenzofu	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	95-50-1	Dichlorobe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	541-73-1	Dichlorobe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	106-46-7	Dichlorobe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	91-94-1	Dichlorobe	740	UG/KG	740	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	120-83-2	Dichloroph	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	84-66-2	Diethylpht	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	131-11-3	Dimethyl F	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	105-67-9	Dimethylp	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	84-74-2	Di-n-butylp	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	534-52-1	Dinitro-2-r	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	51-28-5	Dinitrophe	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	121-14-2	Dinitrotolu	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	606-20-2	Dinitrotolu	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	117-84-0	Di-n-octylp	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	206-44-0	Fluoranthe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	86-73-7	Fluorene	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	118-74-1	Hexachlor	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	87-68-3	Hexachlor	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	77-47-4	Hexachlor	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	67-72-1	Hexachlor	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	193-39-5	Indeno(1,2	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	78-59-1	Isophoron	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	91-57-6	Methylnap	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	95-48-7	Methylphe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	106-44-5	Methylphe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	91-20-3	Naphthale	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	88-74-4	Nitroanilin	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	99-09-2	Nitroanilin	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	100-01-6	Nitroanilin	740	UG/KG	740	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	98-95-3	Nitrobenz	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	88-75-5	Nitrophen	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	100-02-7	Nitrophen	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	62-75-9	Nitrosodir	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	621-64-7	Nitroso-di-	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	86-30-6	Nitrosodip	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002972	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	108-60-1	Oxybis(1-c	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	87-86-5	Pentachlo	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	85-01-8	Phenanthr	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	108-95-2	Phenol	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002974	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	129-00-0	Pyrene	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	120-82-1	Trichlorob	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	95-95-4	Trichlorop	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0002	4-Sep-98	00-3662	168	180 IN	QBT3	S:002973	4573R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KR	SOIL	88-06-2	Trichlorop	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0014	9-Sep-98	00-10120	60	66 IN	QBT3	S:003021	4578R	18-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	83-32-9	Acenaphth	350	UG/KG	350	UG/KG	U	6 A3	ORGANIC	U
RE00-98-0014	9-Sep-98	00-10120	60	66 IN	QBT3	S:003021	4578R	18-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	208-96-8	Acenaphth	350	UG/KG	350	UG/KG	U	6 A3	ORGANIC	U
RE00-98-0014	9-Sep-98	00-10120	60	66 IN	QBT3	S:003022	4578R	18-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	62-53-3	Aniline	700	UG/KG	700	UG/KG	U	6 A3	ORGANIC	U

RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-57-8	Chlorophe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	7005-72-3	Chlorophe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	218-01-9	Chrysene	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	53-70-3	Dibenz(a,l	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	132-64-9	Dibenzofu	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-50-1	Dichlorobe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	541-73-1	Dichlorobe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	106-46-7	Dichlorobe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-94-1	Dichlorobe	740	UG/KG	740	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	120-83-2	Dichloroph	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	84-66-2	Diethylpht	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002956	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	131-11-3	Dimethyl F	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	105-67-9	Dimethylp	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	84-74-2	Di-n-butyl	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	534-52-1	Dinitro-2-n	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002956	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	51-28-5	Dinitrophe	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	121-14-2	Dinitrotolu	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	606-20-2	Dinitrotolu	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	117-84-0	Di-n-octyl	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	206-44-0	Fluoranthe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	86-73-7	Fluorene	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	118-74-1	Hexachlor	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	87-68-3	Hexachlor	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	77-47-4	Hexachlor	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	67-72-1	Hexachlor	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	193-39-5	Indeno(1,2	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	78-59-1	Isophoron	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-57-6	Methylnap	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-48-7	Methylphe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	106-44-5	Methylphe	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-20-3	Naphthale	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002956	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-74-4	Nitroanilin	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002956	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	99-09-2	Nitroanilin	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	100-01-6	Nitroanilin	740	UG/KG	740	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	98-95-3	Nitrobenz	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-75-5	Nitrophen	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002953	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	100-02-7	Nitrophen	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	62-75-9	Nitrosodim	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	621-64-7	Nitroso-di-	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	86-30-6	Nitrosodip	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	108-60-1	Oxybis(1-c	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	87-86-5	Pentachlo	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	85-01-8	Phenanthr	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002955	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	108-95-2	Phenol	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	129-00-0	Pyrene	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002959	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	120-82-1	Trichlorob	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002954	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-95-4	Trichlorop	1800	UG/KG	1800	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0021	4-Sep-98	00-3666	126	138 IN	QBT3	S:002956	4570R	11-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-06-2	Trichlorop	370	UG/KG	370	UG/KG	U	11 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	83-32-9	Acenaphth	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	208-96-8	Acenaphth	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	62-53-3	Aniline	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	120-12-7	Anthracen	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	103-33-3	Azobenze	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	56-55-3	Benzo(a)a	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	50-32-8	Benzo(a)p	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	205-99-2	Benzo(b)f	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	191-24-2	Benzo(g,h	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	207-08-9	Benzo(k)fl	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	65-85-0	Benzoic A	3400	UG/KG	3400	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	100-51-6	Benzyl Alc	1300	UG/KG	1300	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	111-91-1	Bis(2-chlo	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	111-44-4	Bis(2-chlo	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	117-81-7	Bis(2-ethy	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	101-55-3	Bromophe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	85-68-7	Butylbenz	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	59-50-7	Chloro-3-r	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	106-47-8	Chloroanil	1300	UG/KG	1300	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	91-58-7	Chloronap	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	95-57-8	Chlorophe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	7005-72-3	Chlorophe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	218-01-9	Chrysene	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	53-70-3	Dibenz(a,l	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	132-64-9	Dibenzofu	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	95-50-1	Dichlorobe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	541-73-1	Dichlorobe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	106-46-7	Dichlorobe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	91-94-1	Dichlorobe	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	120-83-2	Dichloroph	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	84-66-2	Diethylpht	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	131-11-3	Dimethyl F	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	105-67-9	Dimethylp	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	84-74-2	Di-n-butyl	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	534-52-1	Dinitro-2-n	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	51-28-5	Dinitrophe	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	121-14-2	Dinitrotolu	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	606-20-2	Dinitrotolu	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	117-84-0	Di-n-octyl	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	206-44-0	Fluoranthe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	86-73-7	Fluorene	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	118-74-1	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	87-68-3	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	77-47-4	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	67-72-1	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	193-39-5	Indeno(1,2	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	78-59-1	Isophoron	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	91-57-6	Methylnap	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	95-48-7	Methylphe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	106-44-5	Methylphe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	91-20-3	Naphthale	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	88-74-4	Nitroanilin	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	99-09-2	Nitroanilin	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	100-01-6	Nitroanilin	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	98-95-3	Nitrobenz	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	88-75-5	Nitrophen	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	100-02-7	Nitrophen	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	62-75-9	Nitrosodim	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	621-64-7	Nitroso-di-	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	86-30-6	Nitrosodip	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	108-60-1	Oxybis(1-c	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	87-86-5	Pentachlo	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002887	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	85-01-8	Phenanthr	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	108-95-2	Phenol	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	129-00-0	Pyrene	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002888	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	120-82-1	Trichlorob	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	95-95-4	Trichlorop	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0022	4-Sep-98	00-3678	102	114 IN	QBT3	S:002889	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	88-06-2	Trichlorop	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	83-32-9	Acenaphth	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	208-96-8	Acenaphth	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	62-53-3	Aniline	720	UG/KG	720	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	120-12-7	Anthracen	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	103-33-3	Azobenze	720	UG/KG	720	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	56-55-3	Benzo(a)a	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	50-32-8	Benzo(a)p	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	205-99-2	Benzo(b)f	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	191-24-2	Benzo(g,h	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	207-08-9	Benzo(k)fl	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002892	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	65-85-0	Benzoic A	3600	UG/KG	3600	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	100-51-6	Benzyl Alc	1400	UG/KG	1400	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	111-91-1	Bis(2-chlo	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	111-44-4	Bis(2-chlo	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	117-81-7	Bis(2-ethy	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	101-55-3	Bromophe	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	85-68-7	Butylbenz	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	59-50-7	Chloro-3-r	720	UG/KG	720	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	106-47-8	Chloroanil	1400	UG/KG	1400	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002890	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	91-58-7	Chloronap	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	95-57-8	Chlorophe	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	7005-72-3	Chlorophe	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U
RE00-98-0023	4-Sep-98	00-10122	156	168 IN	QBT3	S:002891	4564R	16-Sep-98 SEMI	SEMI	SAMPLE	ANALYTE	KB	SOIL	218-01-9	Chrysene	360	UG/KG	360	UG/KG	U	8 A3	ORGANIC	U

RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	84-74-2	Di-n-butyl(	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	534-52-1	Dinitro-2-m	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	51-28-5	Dinitrophe	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	121-14-2	Dinitrotolu	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	606-20-2	Dinitrotolu	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	117-84-0	Di-n-octyl(	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	206-44-0	Fluoranthe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	86-73-7	Fluorene	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	118-74-1	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	87-68-3	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	77-47-4	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	67-72-1	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	193-39-5	Indeno(1,2	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-57-6	Methylnap	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-48-7	Methylphe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	106-44-5	Methylphe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-20-3	Naphthale	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-74-4	Nitroanilin	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	99-09-2	Nitroanilin	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	100-01-6	Nitroanilin	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	98-95-3	Nitrobenz	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-75-5	Nitropheno	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	100-02-7	Nitropheno	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	62-75-9	Nitrosodim	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	621-64-7	Nitroso-di-	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	86-30-6	Nitrosodip	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002831	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	108-60-1	Oxybis(1-c	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	87-86-5	Pentachlo	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	85-01-8	Phenanthr	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	108-95-2	Phenol	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002833	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	129-00-0	Pyrene	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	120-82-1	Trichlorob	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-95-4	Trichlorop	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0031	3-Sep-98	00-3670	24	36 IN	QBT3	S:002832	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-06-2	Trichlorop	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	83-32-9	Acenaphth	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	208-96-8	Acenaphth	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	62-53-3	Aniline	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	120-12-7	Anthracen	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	103-33-3	Azobenze	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	56-55-3	Benzo(a)a	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	50-32-8	Benzo(a)p	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	205-99-2	Benzo(b)f	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	191-24-2	Benzo(g,h	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	207-08-9	Benzo(k)fl	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	65-85-0	Benzoic A	3400	UG/KG	3400	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	100-51-6	Benzyl Alc	1300	UG/KG	1300	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	111-91-1	Bis(2-chlo	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	111-44-4	Bis(2-chlo	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	117-81-7	Bis(2-ethy	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	101-55-3	Bromophe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	85-68-7	Butylbenz	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	59-50-7	Chloro-3-r	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	106-47-8	Chloroanil	1300	UG/KG	1300	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-58-7	Chloronap	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-57-8	Chlorophe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	7005-72-3	Chlorophe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	218-01-9	Chrysene	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	78-59-1	Isophoron	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-57-6	Methylnap	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-48-7	Methylphe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	106-44-5	Methylphe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-20-3	Naphthale	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	53-70-3	Dibenz(a,h	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	132-64-9	Dibenzofu	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-74-4	Nitroanilin	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	99-09-2	Nitroanilin	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	100-01-6	Nitroanilin	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	98-95-3	Nitrobenz	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-75-5	Nitropheno	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	100-02-7	Nitropheno	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	62-75-9	Nitrosodim	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	621-64-7	Nitroso-di-	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	86-30-6	Nitrosodip	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	108-60-1	Oxybis(1-c	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	87-86-5	Pentachlo	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	85-01-8	Phenanthr	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	108-95-2	Phenol	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-50-1	Dichlorobe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	541-73-1	Dichlorobe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	106-46-7	Dichlorobe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	91-94-1	Dichlorobe	680	UG/KG	680	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	120-83-2	Dichloroph	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	84-66-2	Diethylpht	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	131-11-3	Dimethyl P	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	105-67-9	Dimethylp	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	84-74-2	Di-n-butyl(	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	534-52-1	Dinitro-2-m	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	51-28-5	Dinitrophe	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	121-14-2	Dinitrotolu	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	606-20-2	Dinitrotolu	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	117-84-0	Di-n-octyl(	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	206-44-0	Fluoranthe	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002836	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	86-73-7	Fluorene	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	118-74-1	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	87-68-3	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	77-47-4	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002835	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	67-72-1	Hexachlor	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	193-39-5	Indeno(1,2	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002834	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	129-00-0	Pyrene	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	120-82-1	Trichlorob	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	95-95-4	Trichlorop	1700	UG/KG	1700	UG/KG	U	3 A3	ORGANIC	U
RE00-98-0032	3-Sep-98	00-3670	72	84 IN	QBT3	S:002839	4556R	10-Sep-98SEMI	SEMI	SAMPLE	ANALYTE	KA	SOIL	88-06-2	Trichlorop	340	UG/KG	340	UG/KG	U	3 A3	ORGANIC	U

| Nplayer_id | Gameclass | GamePhase | Tournament | Region | Area | Brand | Model | Year | Gameplay | Mechanics | Theme | Number | Type | Variant | Type | Design | Concepts | Ink | Sample | Refined | Prototype | Refined | Final | Sketch | Ink | Lettering | Logo | Lettering | Logo | Logo | Logo

Appendix E

Statistical Analyses

The purpose of this appendix is to present statistical data evaluations that support either the data review or data assessment sections for inorganic chemicals in the body of the text. To support data review, descriptions of the statistical methods used, and the results of the application of these methods are presented in section E-1.0. To support the human health and ecological screening risk assessments, the methods used to calculate the exposure concentrations and the results of the calculations are presented in section E-2.0.

E.1.0 Summary Statistics

Summary statistics for the inorganic chemicals evaluated by statistical comparisons and identified as COPCs because of elevated detection limits are presented in Table E-1.0-1 for sediment and Table E-1.0-2 for tuff. For chemicals reported as detects, summary statistics include the minimum and maximum reported concentrations as well as the mean and median concentrations. For data containing nondetects, the summary includes the range of the reported detection limits.

E.1.1 Statistical Methods Used in the Data Review

A variety of statistical methods might be applied to a data set. The specific use of any of these methods depends on the appropriateness of the method for the available data.

Background comparison begins with a simple screening comparison in which site-specific data are compared with BVs. The BV may be an UTL estimated from the background data (i.e., the 95% upper confidence bound on the 95th quantile), which are estimated from the Laboratory's background data (when sufficient data are available). If a UTL cannot be calculated for a chemical because there are too few detected values, the detection limit may be used for the BV. In a few cases, the maximum detected concentration in the background data set is used as the BV. More information on the calculation of BVs and the Laboratory background data is provided in "Inorganic and Radionuclide Background Data for Soils, Canyon Sediment, and Bandelier Tuff at LANL" (LANL 1998, 62060).

The comparisons to BVs are followed by distribution comparison tests, when appropriate. Comparisons between data sets that might represent different concentration distributions, i.e., site data versus laboratory background data, are performed using a variety of statistical methods. These methods are used for testing hypotheses about the data from two potentially different distributions, i.e., a null hypothesis that the data sets are not different.

For the purposes of the data review for this RFI report, three statistical tests were used to assess whether the data for some inorganic chemicals were similar to or different from the background data sets. These tests were:

- the Wilcoxon Rank Sum Test,
- the Quantile Test, and
- the Slippage Test.

Table E-1.0-1
Summary of Inorganic Chemicals with Concentrations Greater Than Sediment BVs

Analyte	Number of Analyses	Detection Limits of Nondetected Chemicals			Concentrations of Detected Chemicals						BV (mg/kg)
		Number	Range (mg/kg)	>BV	Number	Minimum (mg/kg)	Median (mg/kg)	Mean (mg/kg)	Maximum (mg/kg)	>BV	
Aluminum	17	0	-	0	17	1900	4340	3943	17300	1	15400
Antimony	19	6	0.1 – 0.9	1	13	0.16	0.7	0.43	1.6	5	0.83
Arsenic	19	5	0.8 – 14.0	2	14	1.2	2.0	6.4	28	4	3.98
Barium	19	0	-	0	19	24	59	45.8	200	3	127
Cobalt	17	0	-	0	17	0.38	2.4	2.2	7.7	4	4.73
Copper	17	0	-	0	17	5.4	9.1	8.5	37.5	8	11.2
Iron	17	0	-	0	17	3000	7800	4468	20900	2	13800
Lead	19	0	-	0	19	11	31	24.6	96.4	14	19.7
Magnesium	17	0	-	0	17	400	775	613	2750	1	2370
Manganese	17	0	-	0	17	69	206	185	730	2	543
Mercury	19	0	-	0	19	0.01	0.032	0.41	1.3	14	0.1
Selenium	19	8	0.86 – 2.0	8	11	0.26	0.45	0.67	1.1	10	0.3
Silver	19	0	-	0	19	0.14	0.08	0.66	2.9	2	1.0
Thallium	19	16	0.1 - 10	6	3	0.18	0.34	2.6	6.7	2	0.73
Vanadium	17	0	-	0	17	3.2	8.9	7.2	33	2	19.7
Zinc	17	0	-	0	17	25.8	60.2	191	840	10	60.2

Table E-1.0-2
Summary of Inorganic Chemicals with Concentrations Greater Than Tuff BVs

Analyte	Number of Analyses	Detection Limits of Nondetected Chemicals			Concentrations of Detected Chemicals						BV (mg/kg)
		Number	Range (mg/kg)	>BV	Number	Minimum (mg/kg)	Median (mg/kg)	Mean (mg/kg)	Maximum (mg/kg)	>BV	
Antimony	23	23	0.08 - 11	7	0	-	-	-	-	-	0.5
Calcium	23	0	-	0	23	220	580	962	7000	2	2200
Chromium	23	0	-	0	23	1.1	2.7	23.7	360	5	7.14
Copper	23	15	1.1 – 2.7	0	8	0.6	2.3	2.6	11	6	4.66
Lead	34	1	0.4	0	33	1.9	6.2	8.8	29	11	11.2
Mercury	16	16	0.1 – 0.11	11	0	-	-	-	-	-	0.1
Selenium	23	20	0.2 – 1.1	16	2	0.4	0.56	0.54	0.9	2	0.3
Silver	23	23	1 – 2.3	16	0	-	-	-	-	-	1.0

Wilcoxon Rank Sum Test: The Wilcoxon Rank Sum Test was performed to compare the background data to the site data using the method described in Gilbert (1987, 55619). This test (also called the Mann-Whitney U Test) is a distribution-free rank sum test for a difference between the medians of two data sets. It is based on the ranks (rather than the magnitude) of the data sets being evaluated. It is best suited for assessing complete shifts in distributions and is a non-parametric equivalent of the t-test. If there are nondetected chemicals at multiple detection limits, the Gehan Test (Gehan 1965, 55611) is best suited for assessing complete shifts in distributions. This test uses a modified ranking of the data to accommodate nondetects and then applies the Wilcoxon Rank Sum Test. The test is not recommended if there are more than 40% nondetected chemicals in either of the two data sets. If there are no nondetected chemicals, the Gehan Test is equivalent to the Wilcoxon Rank Sum Test. For the data set compared for SWMU 0-030-(g), only the Wilcoxon Rank Sum Test was utilized because the data sets had few nondetected values and there was no difference between the two tests.

Quantile Test: The Quantile Test is a non-parametric test suited for assessing shifts of a subset of the data (Gilbert and Simpson 1992, 54952, pages 7.1-7.27). The Quantile Test is performed at a specified quantile level, usually 80%. This threshold is established to determine if the relative proportion of the two populations being tested is different in the top 20% of the data than in the remainder of the data. If this difference is recognized, then there is reason to believe that the distributions are partially shifted because of different tail effects. However, this implies that this test cannot be performed if more than 80% of the combined data are nondetected values.

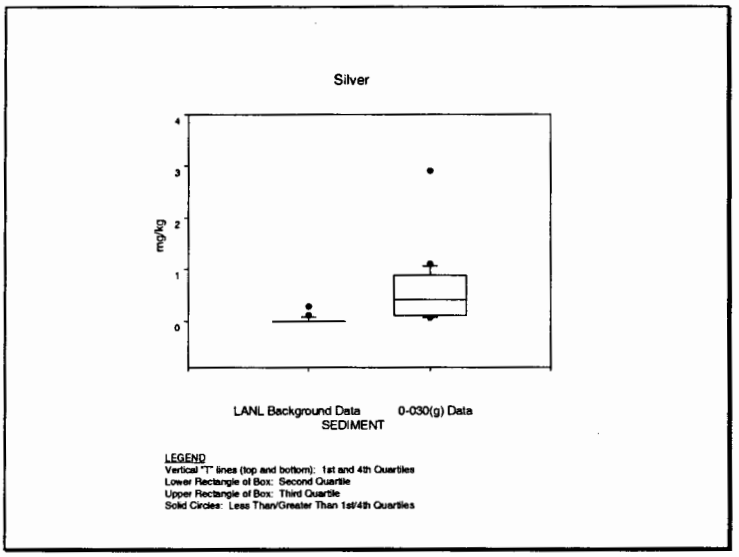
Slippage Test: This test is based on the number of site concentrations that exceeded the maximum background concentration in the background data set (Gilbert and Simpson 1990, 55612, pages 5-8). The result of the Slippage Test is the probability that "n" site samples exceed the maximum background concentration by chance alone. The test takes into account the numbers of samples in each data set and determines the probability of "n" exceedances if the two data sets came from identical distributions. If the number of site concentrations that exceed the maximum background concentration is larger than the critical value, the conclusion is that the site data set is different from the background data set.

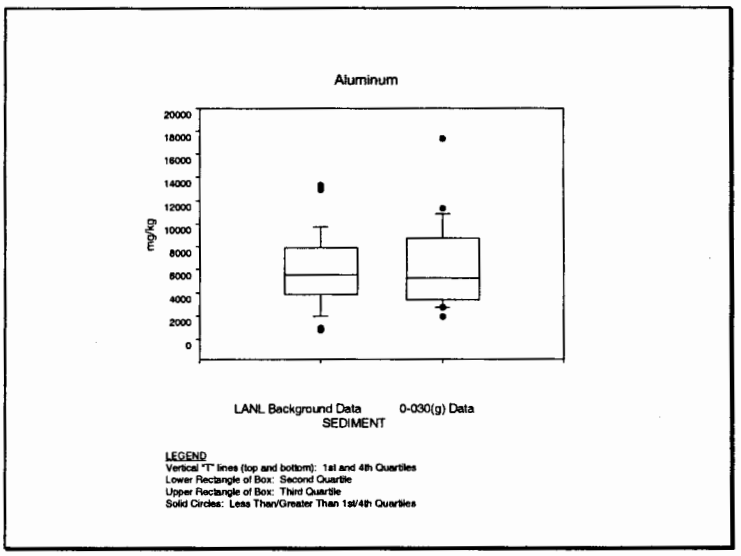
Observed significance levels (p-values) are obtained from the distribution tests. The p-value is the probability of observing data at least as different from the typical background data as the observed site data if the concentration distribution is the same as background. If a p-value is less than 0.05, then there is reason to suspect that there is a difference between the background and site distributions; otherwise, no difference is indicated and the site concentrations are not statistically different from background. The p-values for the inorganic chemicals evaluated by statistical comparisons are presented in Tables E-1.0-3 and E-1.0-4.

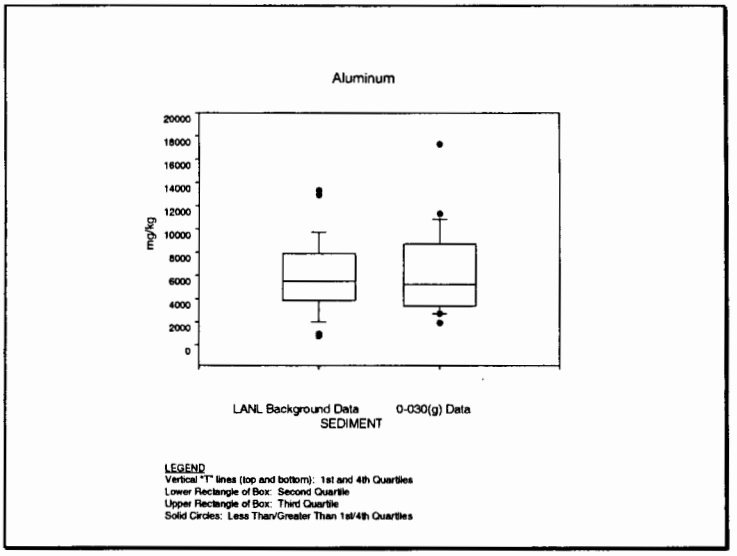
In addition to the statistical comparisons, box plots were constructed to illustrate the range of values in both the background and site data sets and whether they are similar or different. These plots summarize information about the shape and spread of the distribution of concentrations of a data set. Box plots consist of a box, a (median) line across the box, whiskers (lines extended beyond the box and terminated with a perpendicular segment) and data points outside of the whiskers. The y-axis displays the observed concentrations in the appropriate units. The area enclosed by the box shows the concentration range containing the middle half of the data; i.e., from the lower 25% to upper 75% of the data. The height of the box is a measure of the spread of the concentrations, i.e., the interquartile range. The horizontal line within the box represents the median and is a measure of the center of the concentration distribution, i.e., if the median divides the box in approximately equal parts the distribution is symmetric; if not, the distribution is nonsymmetric (skewed). The interval enclosed by the whiskers is a non-parametric confidence level around the median. The whiskers extend on each side to a maximum of 1.5 times the interquartile range. If data values exist between 1.5 and 3.0 times the interquartile range, they are plotted

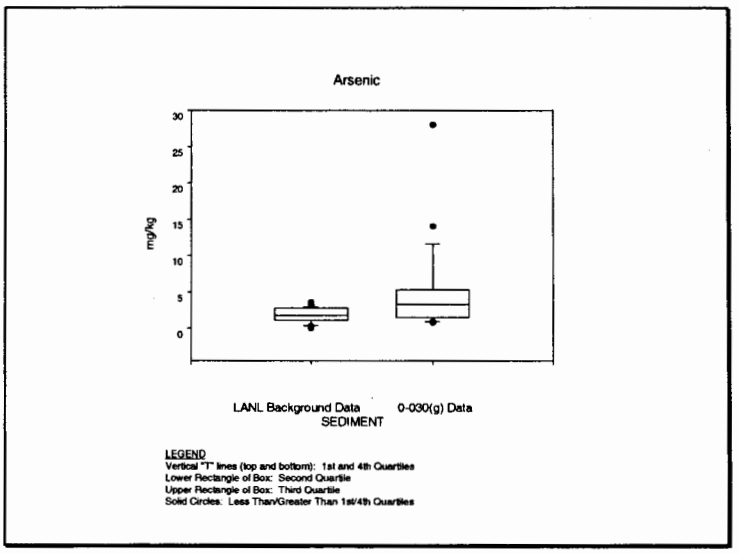
using asterisks. If data exist that are greater than 3.0 times the interquartile range they are plotted using circles.

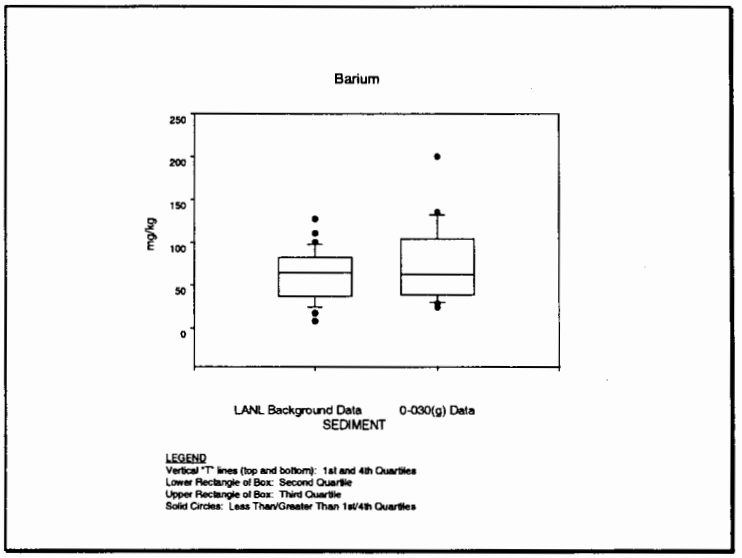
The box plots for the inorganic chemicals and radionuclides evaluated for distributional differences are presented below.

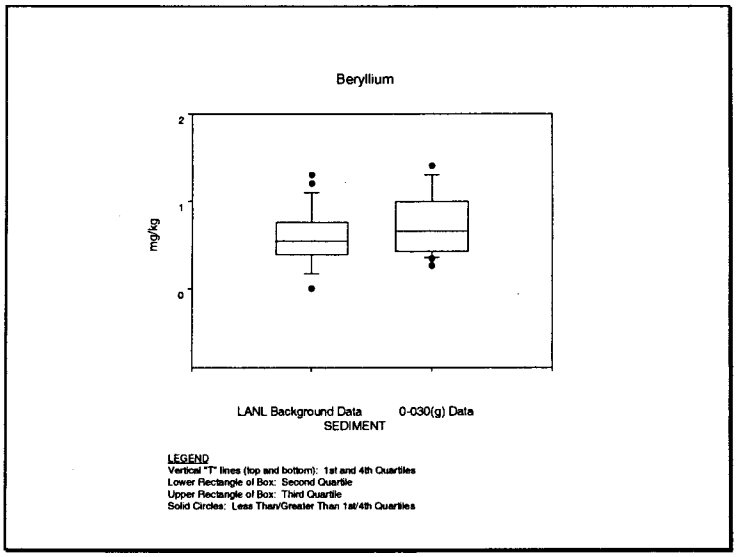


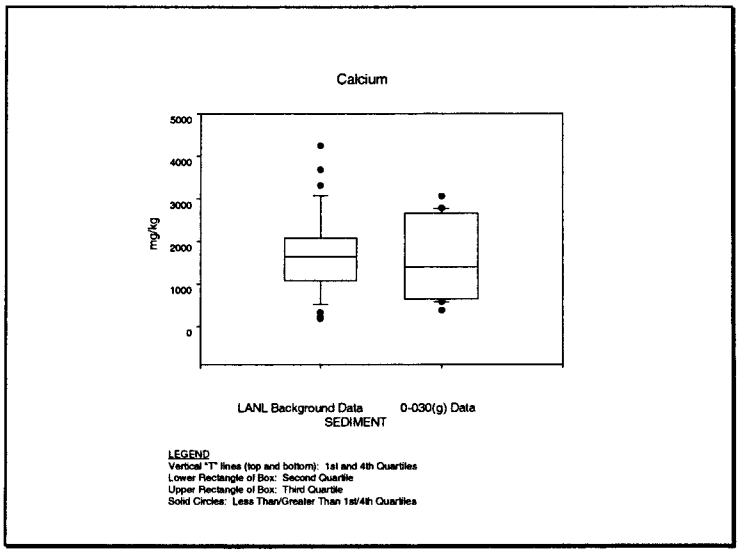


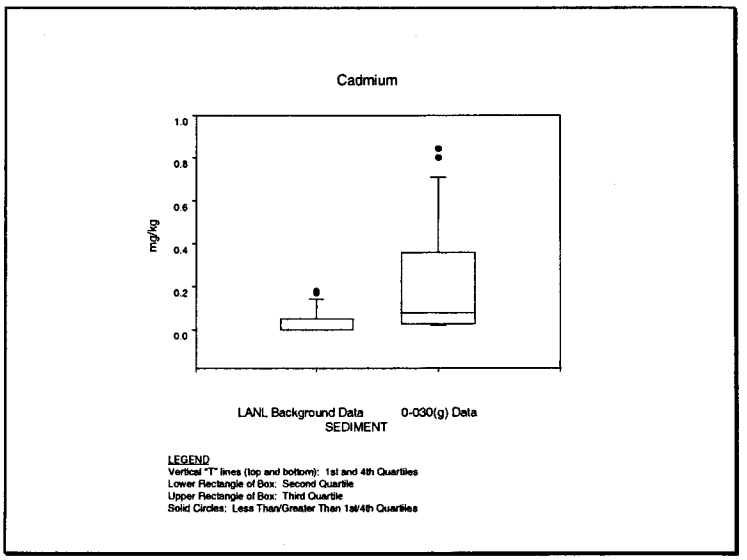

Aluminum
20000
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

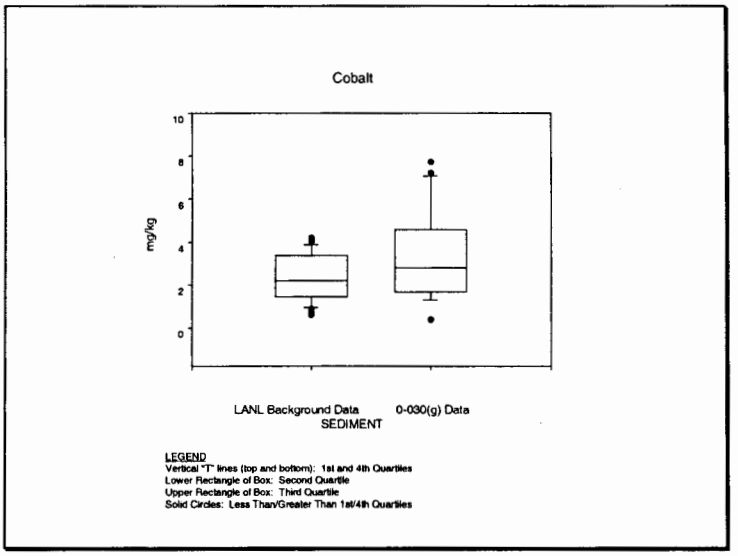

Arsenic
30
25
20
15
10
5
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

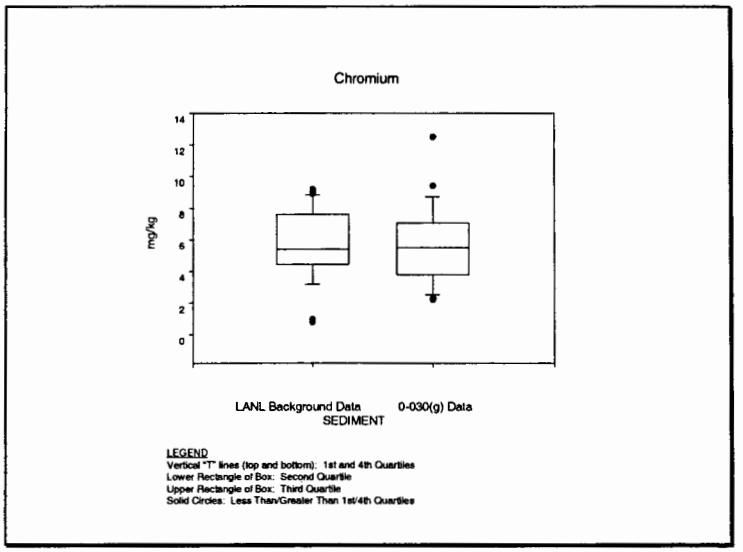

Barium
250
200
150
100
50
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

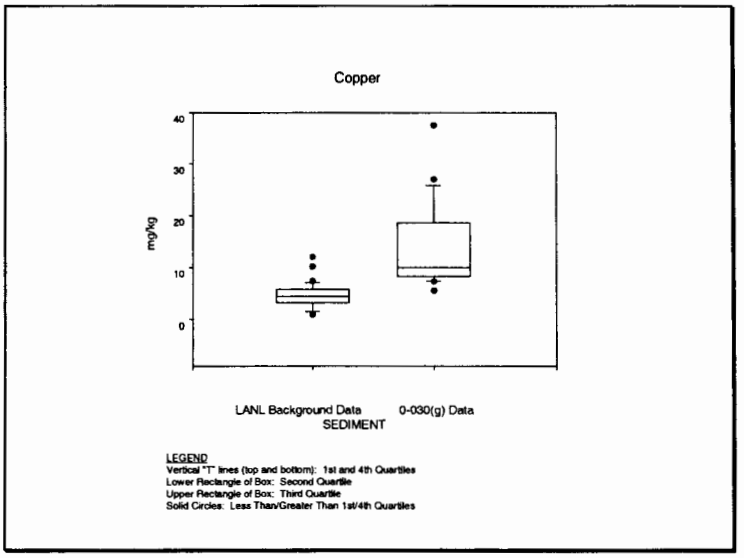

Beryllium
mg/kg
2
1
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

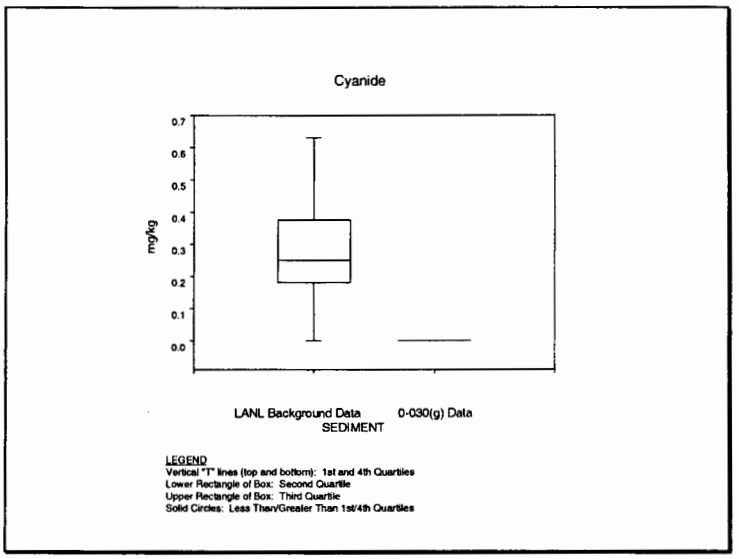

Calcium
mg/kg
5000
4000
3000
2000
1000
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

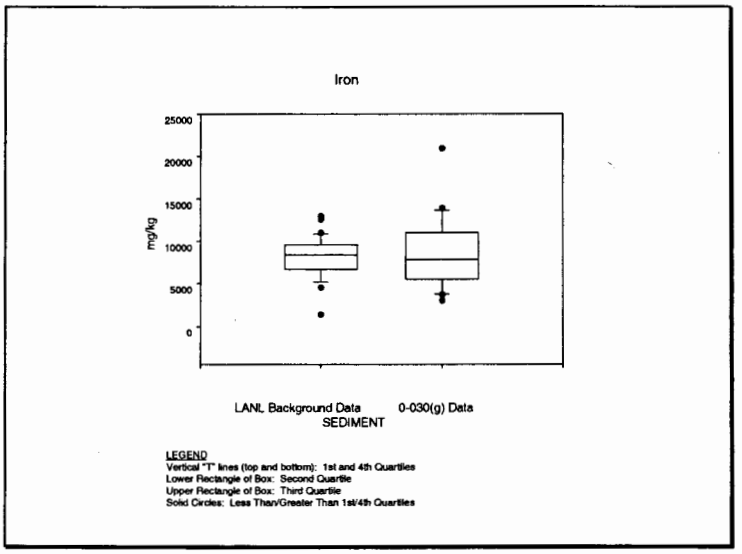

Cadmium
mg/kg
1.0
0.8
0.6
0.4
0.2
0.0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

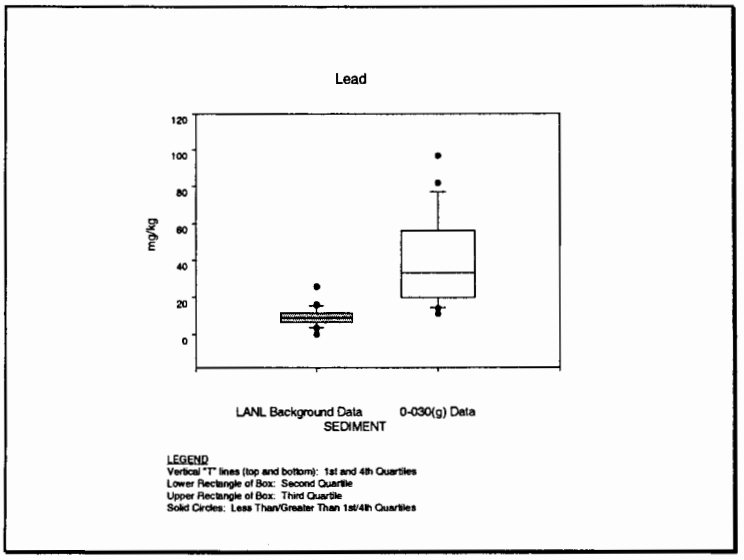

Cobalt
mg/kg
10
8
6
4
2
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

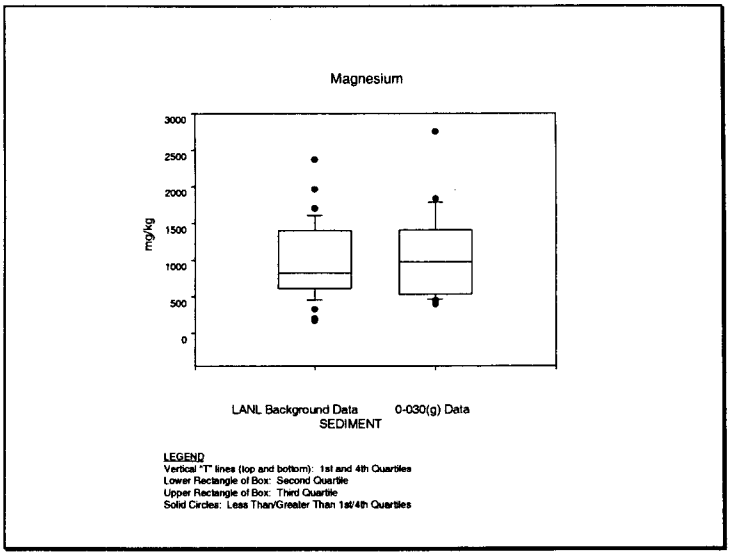

Chromium
mg/kg
14
12
10
8
6
4
2
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

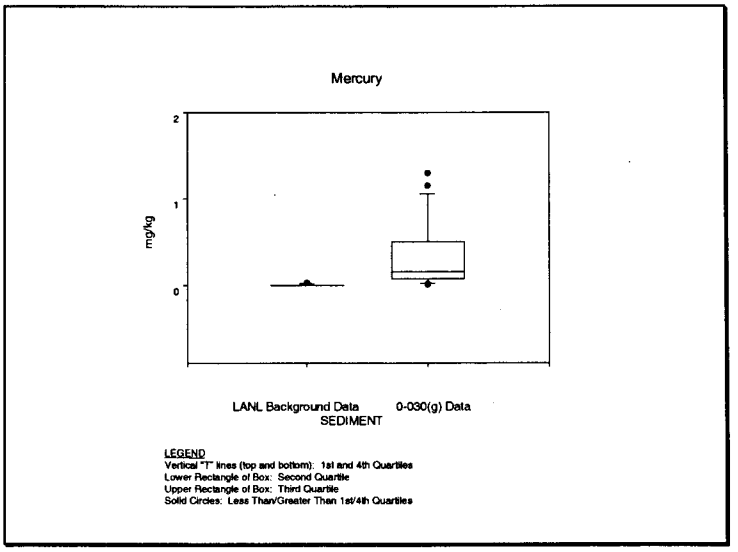

Copper
mg/kg
40
30
20
10
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

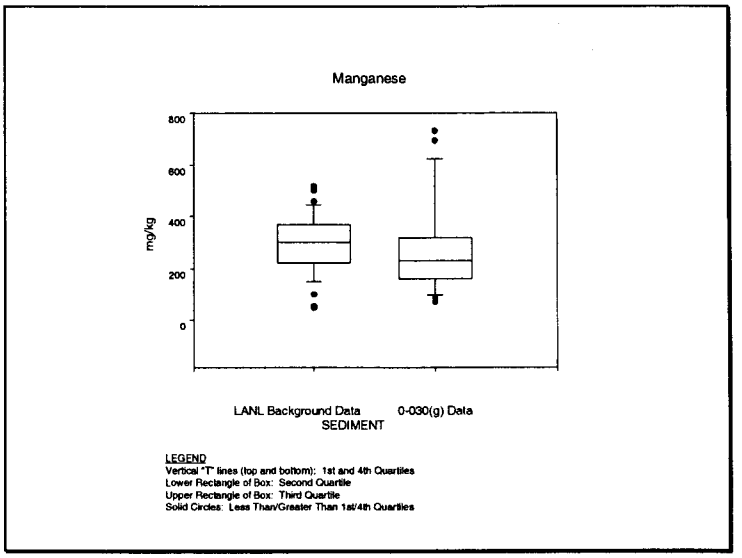

Cyanide
mg/kg
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

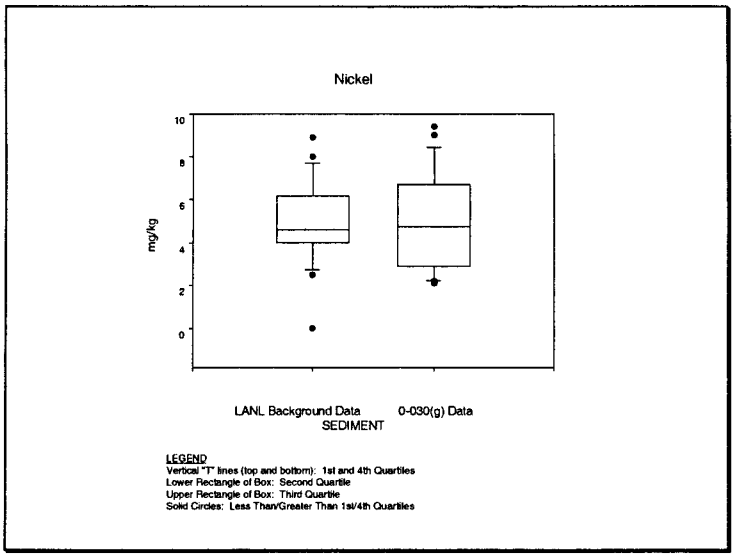

Iron
mg/kg
25000
20000
15000
10000
5000
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

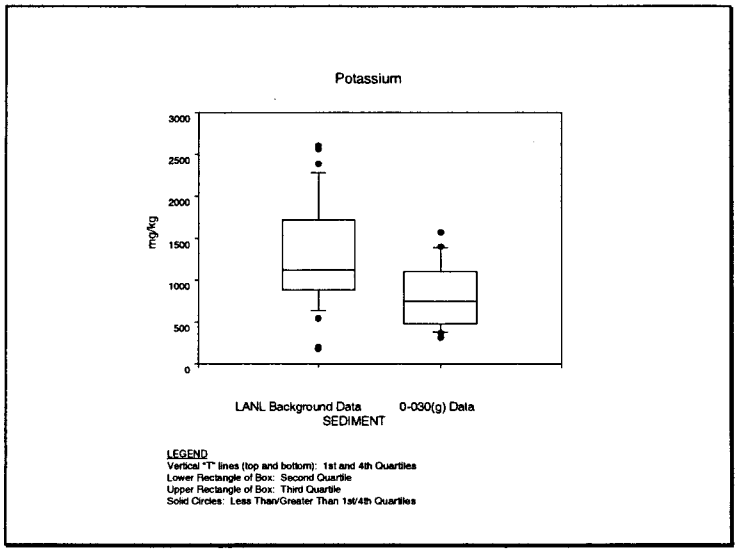

Lead
mg/kg
120
100
80
60
40
20
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

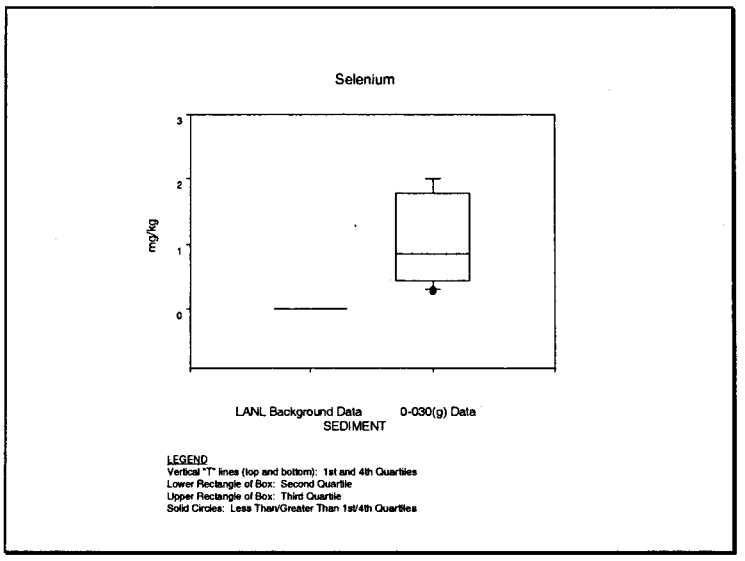

Magnesium
3000
2500
2000
1500
1000
500
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

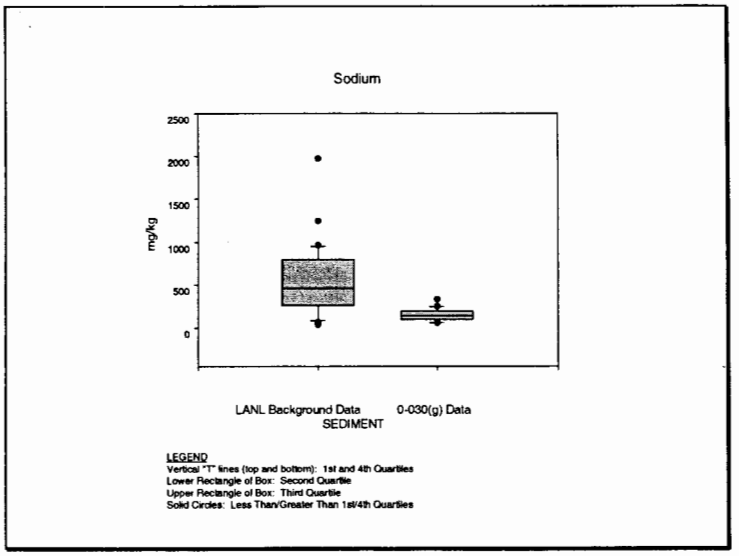

Mercury
2
1
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

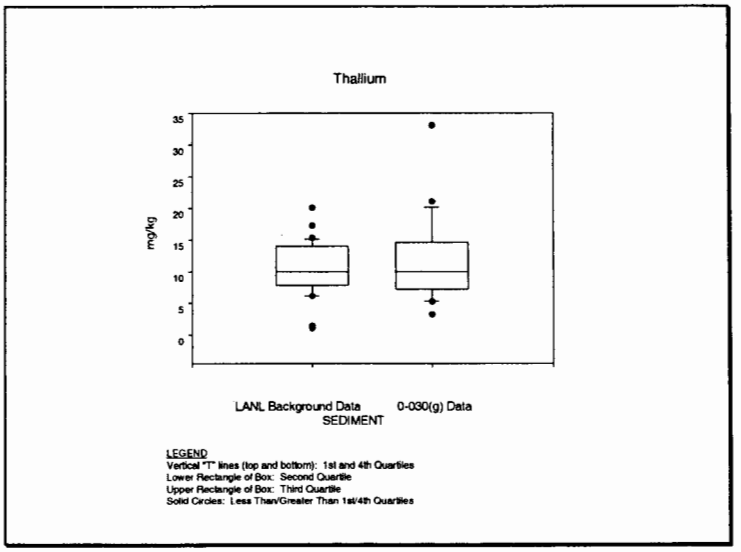

Manganese
800
600
400
200
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

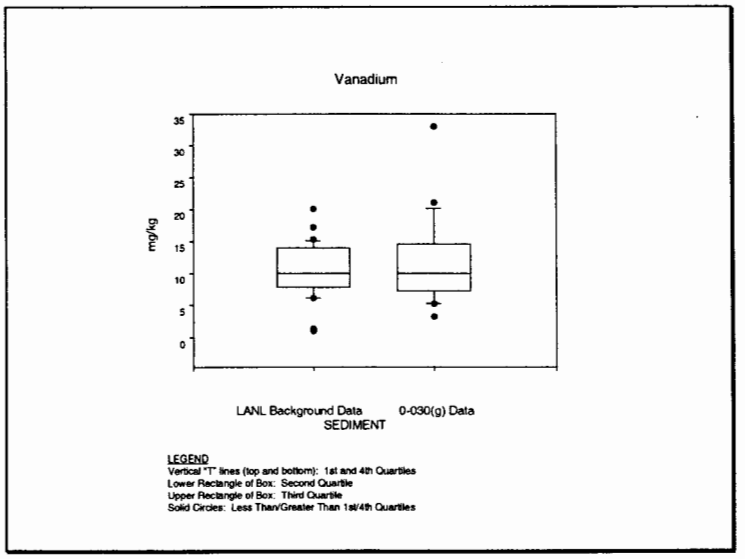

Nickel
mg/kg
10
8
6
4
2
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

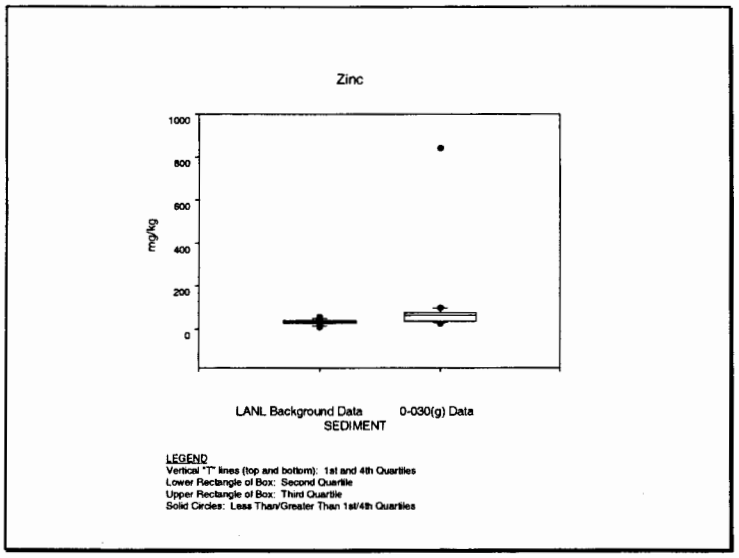

Potassium
mg/kg
3000
2500
2000
1500
1000
500
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

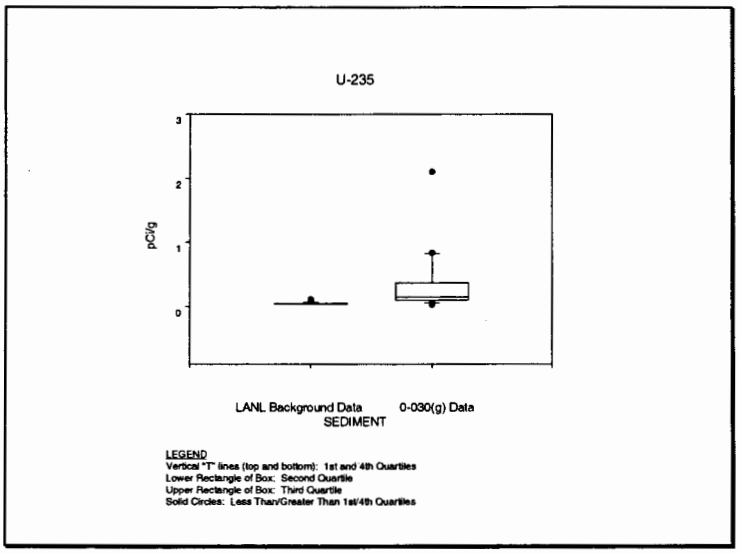

Selenium
mg/kg
3
2
1
0
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

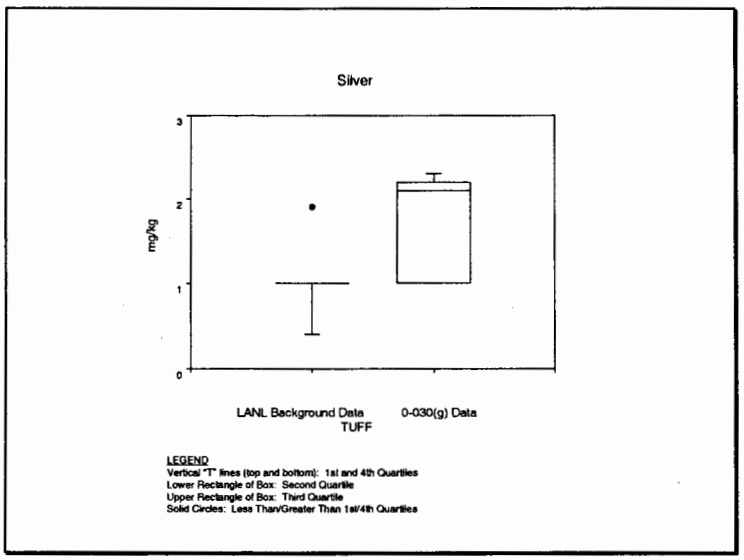

Sodium
2500
2000
1500
1000
500
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

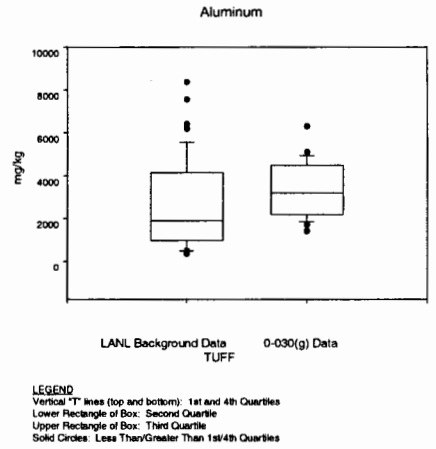

Thallium
35
30
25
20
15
10
5
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

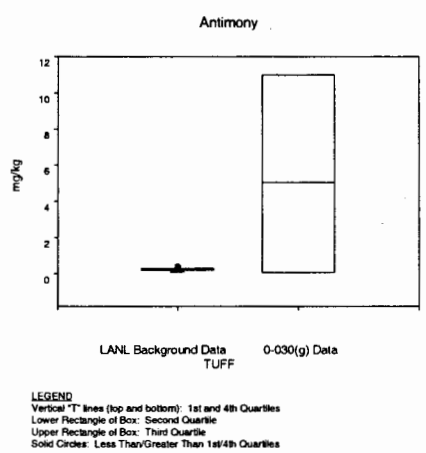

Vanadium
35
30
25
20
15
10
5
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

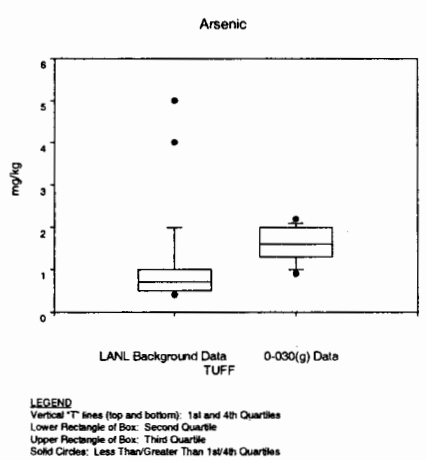

Zinc
1000
800
600
400
200
0
mg/kg
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

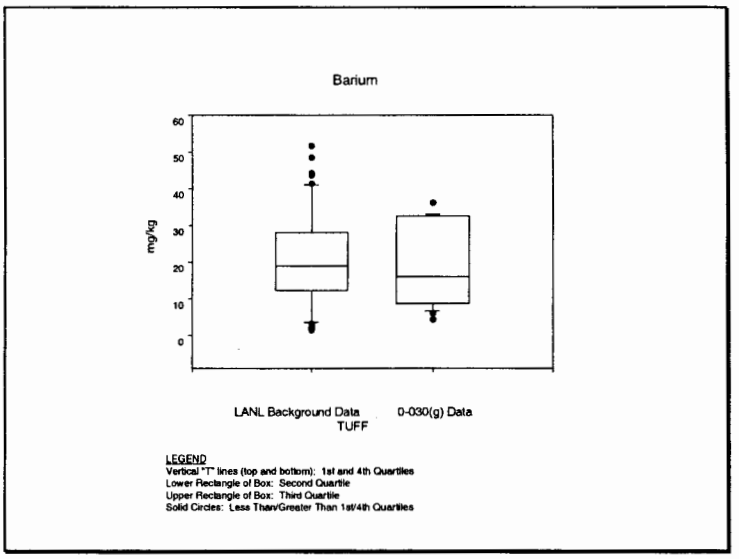

U-235
3
2
1
0
pCi/g
LANL Background Data
0-030(g) Data
SEDIMENT
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

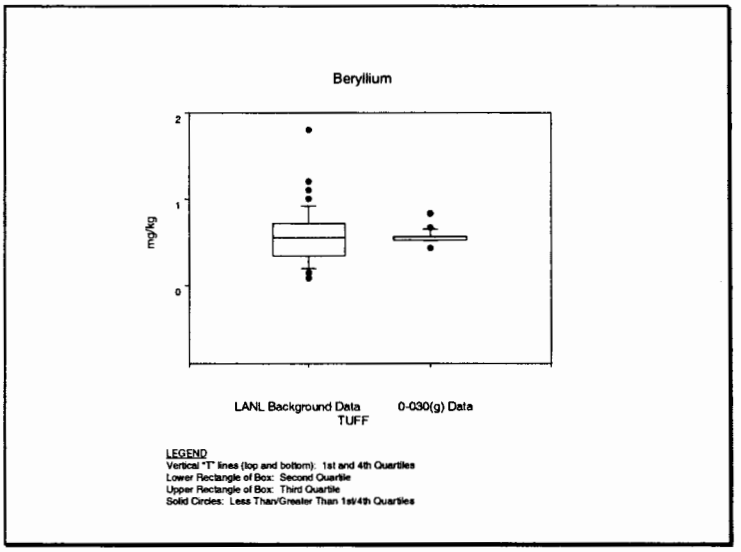

Silver
3
2
1
0
mg/kg
LANL Background Data
0-030(g) Data
TUFF
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

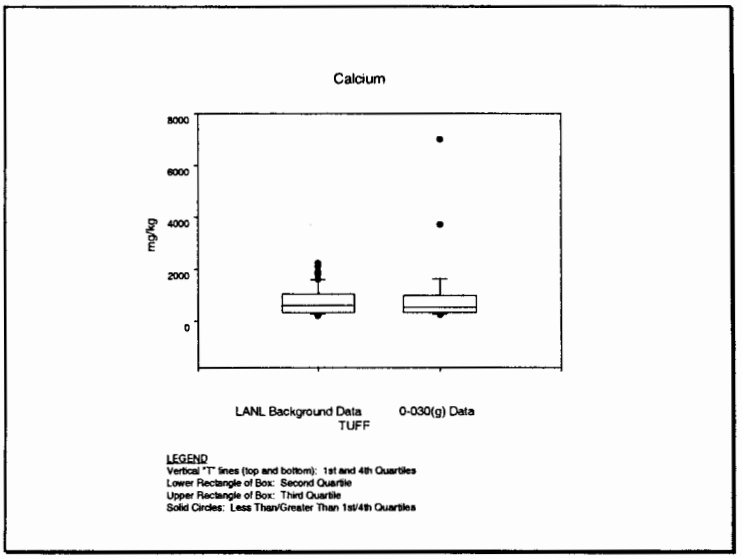

Aluminum
10000
8000
6000
4000
2000
0
mg/kg
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

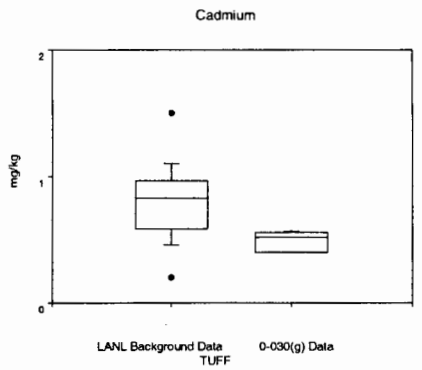

Antimony
12
10
8
6
4
2
0
mg/kg
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

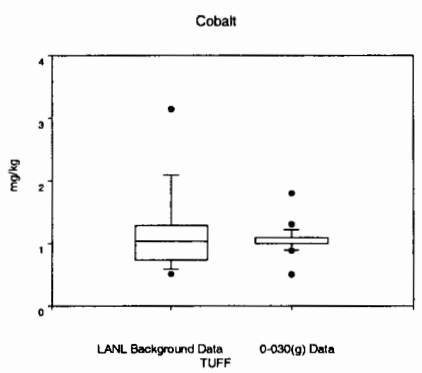

Arsenic
6
5
4
3
2
1
0
mg/kg
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

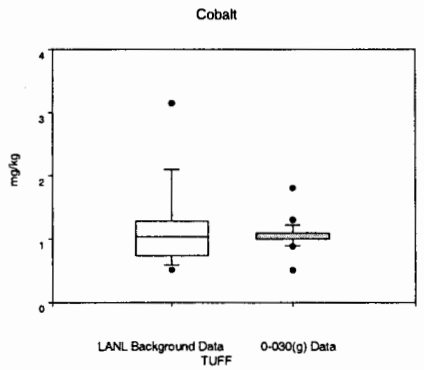

Barium
mg/kg
60
50
40
30
20
10
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

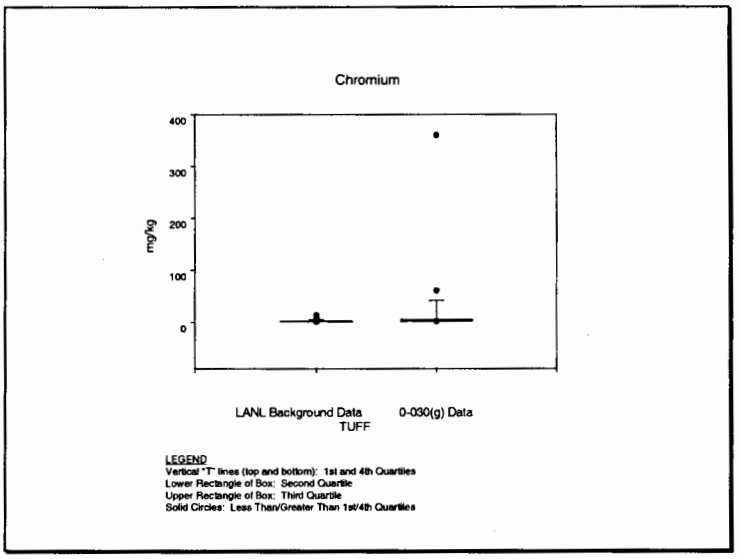

Beryllium
mg/kg
2
1
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

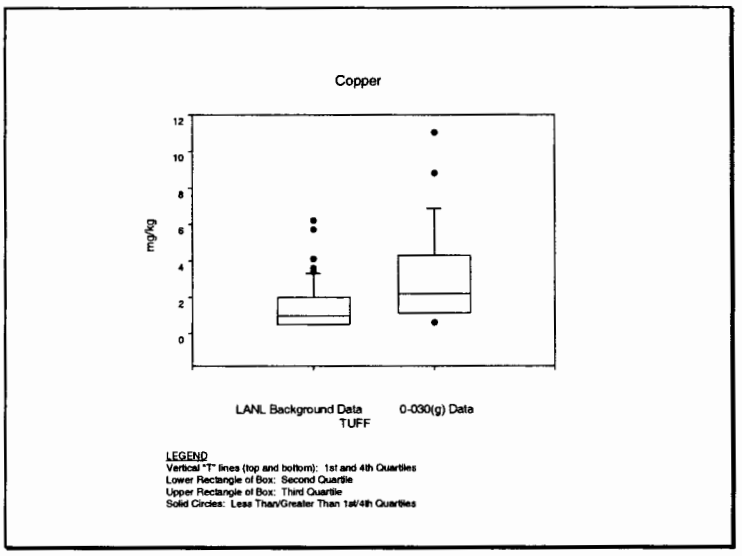

Calcium
mg/kg
8000
6000
4000
2000
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

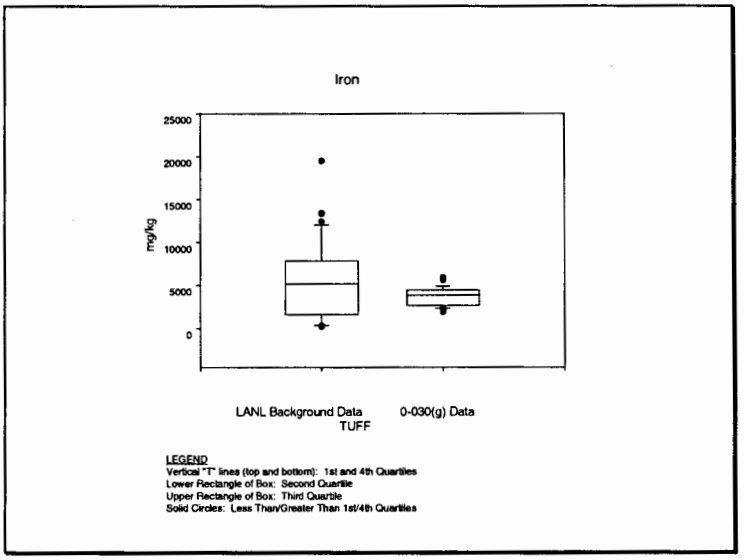

Cadmium
mg/kg
2
1
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

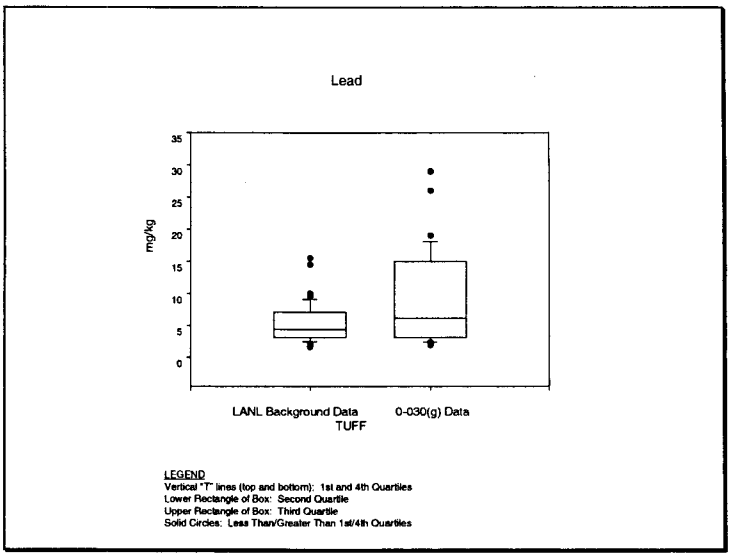

Cobalt
mg/kg
4
3
2
1
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

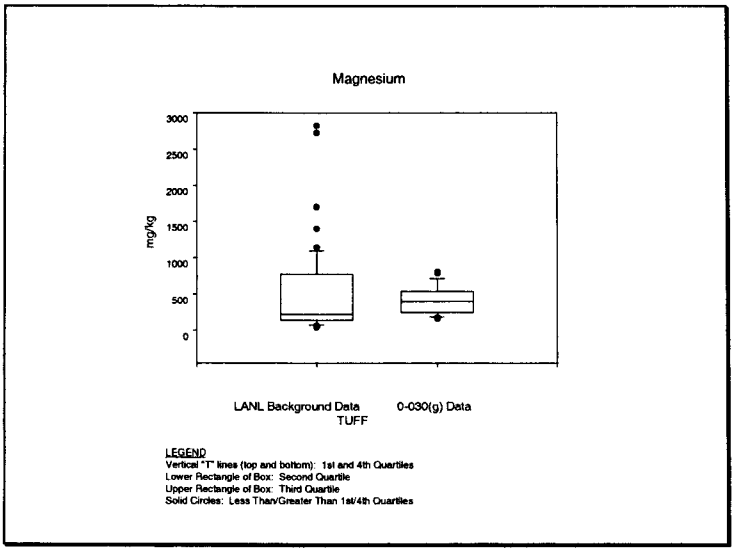

Cobalt
mg/kg
4
3
2
1
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

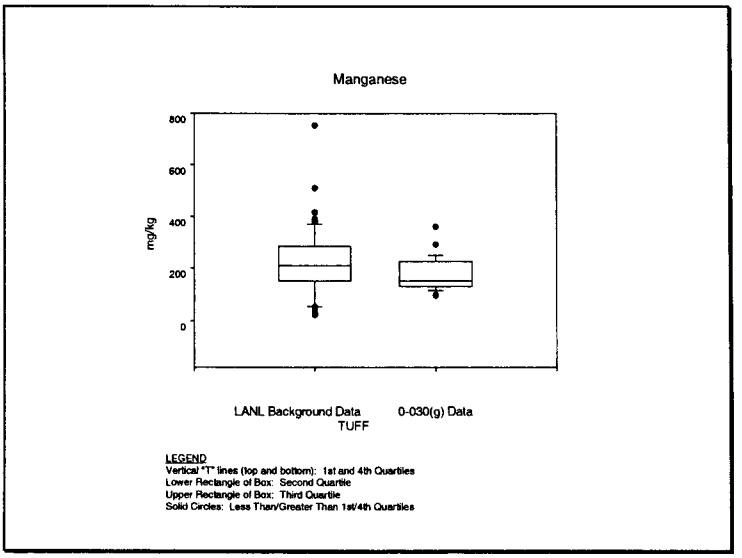

Chromium
400
300
200
100
0
mg/kg
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

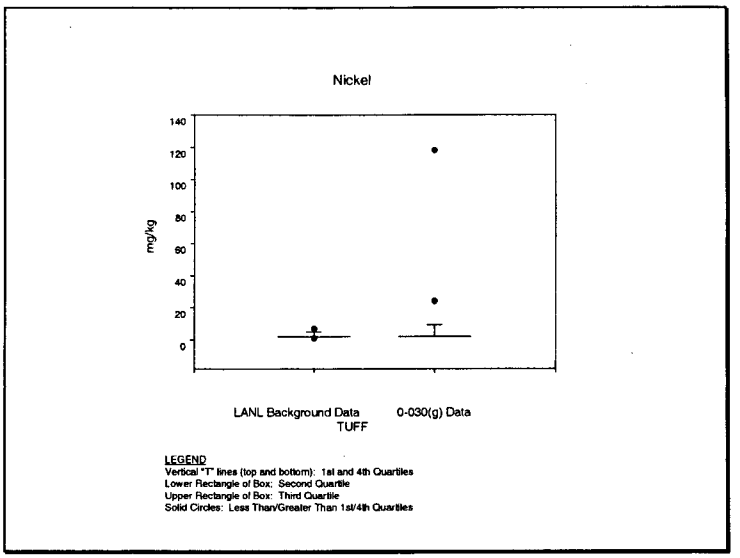

Copper
12
10
8
6
4
2
0
mg/kg
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

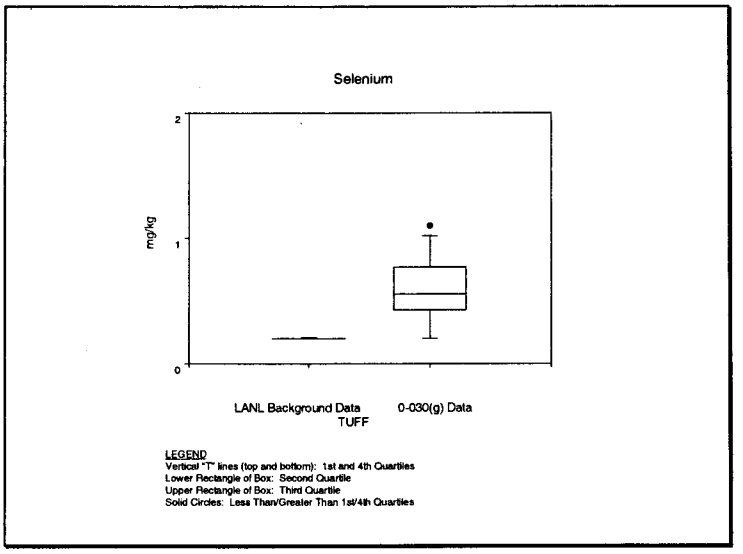

Iron
25000
20000
15000
10000
5000
0
mg/kg
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

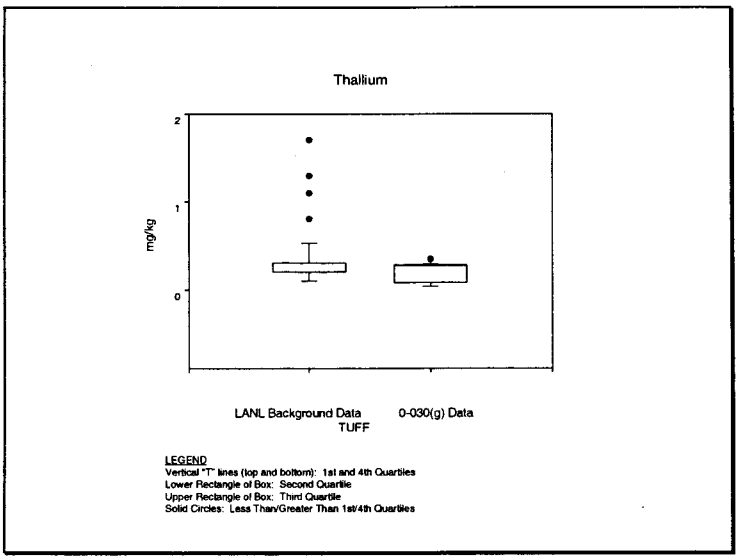

Lead
mg/kg
35
30
25
20
15
10
5
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

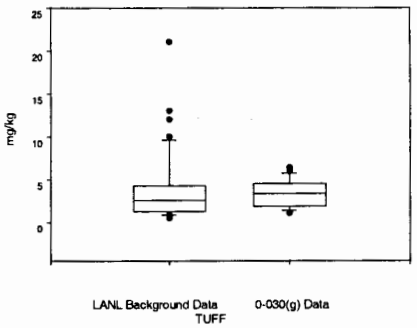

Magnesium
mg/kg
3000
2500
2000
1500
1000
500
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

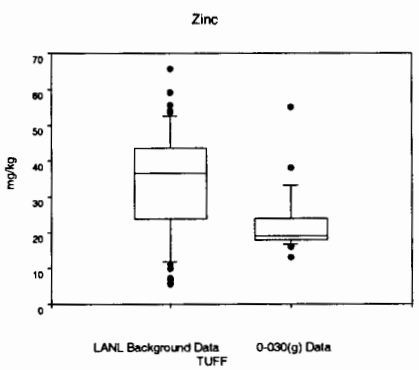

Manganese
mg/kg
800
600
400
200
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

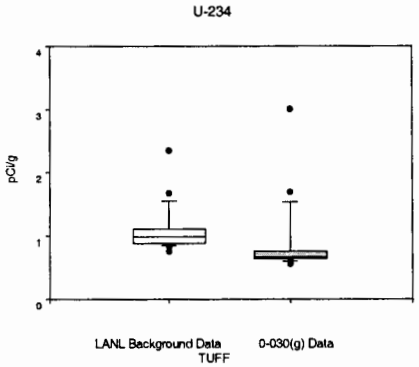

Nickel
mg/kg
140
120
100
80
60
40
20
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles


Selenium
mg/kg
2
1
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles


Thallium
mg/kg
2
1
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles


Vanadium
mg/kg
25
20
15
10
5
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles


Zinc
mg/kg
70
60
50
40
30
20
10
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles


U-234
pCi/g
4
3
2
1
0
LANL Background Data
TUFF
0-030(g) Data
LEGEND
Vertical "T" lines (top and bottom): 1st and 4th Quartiles
Lower Rectangle of Box: Second Quartile
Upper Rectangle of Box: Third Quartile
Solid Circles: Less Than/Greater Than 1st/4th Quartiles

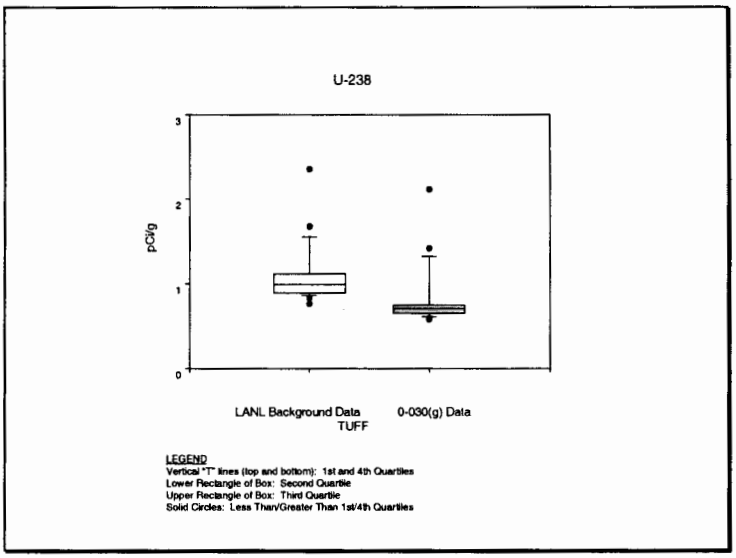


Table E-1.0-3
Distribution Shift Test Results for Tuff at SWMU 0-030(g)

Analyte	Wilcoxon Rank Sum/Gehan Test p-values	Quantile Test p-values	Slippage Test p-values
Antimony	0.5	0.001	0.005
Cadmium	0.999	0.851	0.99
Calcium	0.71	0.055	0.99
Chromium	0.001	0.001	0.002
Cobalt	0.25	0.25	0.99
Copper	0.001	0.016	0.002
Lead	0.043	0.001	0.04
Nickel	0.001	0.057	0.99
Selenium	0.001	0.001	0.039
Silver	0.001	0.001	0.001
Uranium-234	0.999	0.42	0.99
Uranium-238	0.999	0.7	0.99

Table E-1.0-4
Distribution Shift Test Results for Sediment at SWMU 0-030(g)

Analyte	Wilcoxon Rank Sum/Gehan Test p-values	Quantile Test p-values	Slippage Test p-values
Aluminum	0.48	0.65	0.99
Arsenic	0.008	0.001	0.049
Barium	0.001	0.062	0.049
Beryllium	0.1	0.062	0.049
Cadmium	0.001	0.009	0.99
Chromium	0.57	0.15	0.99
Cobalt	0.082	0.002	0.039
Copper	0.001	0.001	0.039
Iron	0.57	0.12	0.99
Lead	0.001	0.001	0.049
Magnesium	0.49	0.28	0.99
Manganese	0.92	0.12	0.99
Nickel	0.69	0.13	0.99
Vanadium	0.54	0.1	0.99
Zinc	0.001	0.001	0.039

E.2.0 Representative Concentrations for Ecological Screening Assessment

Statistical analysis was performed on the soil and tuff data for SWMU 0-030(g). The potential chemicals of concern were evaluated individually to determine if the data followed either a normal or lognormal distribution. In most cases, the assumption of both normality and lognormality was rejected at a 95% level of statistical confidence, which is likely the result of a significant number of nondetected values in each data set. Rather than using a nonparametric approach that employs the median value to determine 95% UCLs, normal (SW-846 Chapter Nine 1986) and lognormal (Land H method, Gilbert 1987, 55619) 95% UCLs were calculated for each constituent of concern.

With a small number of data in each set and an optimistic assumption of lognormality, the lognormal UCL commonly exceeded the maximum value in the data set. This result is consistent with the findings of USEPA (Singh et al. 1997, 65241) when analyzing small data sets under an assumed lognormal distribution. To obtain a UCL value for risk assessment, the lognormal UCL was used if it did not exceed the maximum data value for the constituent. If the lognormal UCL exceeded the maximum data value (including the maximum detected concentration and the maximum detection limit), the maximum data value was used as the UCL. If neither the normal nor lognormal UCL exceeded the maximum data value and the normal UCL was greater than the lognormal UCL, the normal UCL was used.

For the purposes of the calculations, nondetected sample results were included as concentrations at their respective detection limits. Because nondetected concentrations are less than the reported detection limit, the impact of this approach is to inflate the mean and UCL estimates for a given COPC.

For a set of n sample values, x_1, x_2, x_n, the mean estimate is

$$\bar{x} = \frac{1}{n}\sum_{i=1}^{n} x_i$$

which represents the summation of all the samples divided by the number of samples.

To calculate the UCL on the mean of n samples from a normally distributed population at a 100(1-α)% level of confidence, the standard formula is

$$UCL_{1-\alpha} = \left(\bar{x} + t_{1-\alpha,df=n-1}\right)\left(s_x / \sqrt{n}\right)$$

where $t_{1-\alpha,df=n-1}$ is the 100(1-α)th percentile of the t distribution with n-1 degrees of freedom. The value $t_{1-\alpha,df=n-1}$ is obtained from Table A2, p. 255, of Gilbert (Gilbert 1987, 55619). Calculation of the 95% UCL uses the sample average (shown above) and the standard deviation of the sample data, calculated by

$$s_x = \left(\sum_{i=1}^{n} \frac{(x_i - \bar{x})^2}{n-1}\right)^{1/2}$$

which is the square root of the variance. The 95% UCL uses α=0.05, or the 95th percentile of the t distribution.

For lognormal populations with n sample data, $x_1, x_2, \ldots, x_n$, a minimum variance unbiased (MVU) estimator for the mean was used (Gilbert 1987, 55619, p. 165). Lognormal populations exist if a set of n samples $x_1, x_2, \ldots, x_n$ are best represented by a lognormal (logN) distribution, where the natural logarithms of the sample concentrations [y_i = Ln(x_i)] follow a normal distribution. The MVU estimate of the mean (denoted by $\hat{E}_{mvu}$) is a function of $\bar{y}$ and s^2_y, the arithmetic average and the variance of the logarithmically-transformed data. The MVU estimate of the mean, $\hat{E}_{mvu}$, is calculated by the formula

$$\hat{E}_{MVU} = \left[\exp(\bar{y})\right]\Psi_n\left(\frac{s_y^2}{2}\right)$$

Where exp( ) is the exponential function, and $\Psi_n(q)$, the psi function, is an infinite series using

$$q = \frac{s_y^2}{2}$$

or in expanded form

$$\Psi_n(q) = 1 + \frac{(n-1)q}{n} + \frac{(n-1)^3 q^2}{2!n^2(n+1)} + \frac{(n-1)^5 q^3}{3!n^3(n+1)(n+3)} + \frac{(n-1)^7 q^4}{4!n^4(n+1)(n+3)(n+5)} + \ldots$$

This estimator qualifies as optimal in that it exhibits two important properties: (1) It is unbiased, meaning that there is no consistent over- or under-estimation; and, (2) It is a minimum variance estimator. These properties combine to produce estimates of the true, but unknown mean, that are more representative than estimates produced by other estimation methods, assuming that the data came from a lognormal population. The results are sensitive to this assumption, and will be biased if the assumption is not valid.

The upper confidence limit for the mean of a lognormal distribution is calculated using the Land *H* statistic (Gilbert 1987, 55619, p. 169-171). The equation is

$$UCL_{1-\alpha} = \exp\left(\bar{y} + \frac{1}{2}s_y^2 + \frac{s_y H_{1-\alpha}}{\sqrt{n-1}}\right)$$

where y and s_y are the mean and standard deviation of the log-transformed data, respectively. The significance level, α, is set at 0.05. The H value is a function of the standard deviation s_y and is obtained from Table A-12, p. 285, of Gilbert, for $H_{1-\alpha}$.

The 95% UCLs calculated from the data for SWMU 0-030(g) for use in the ecological screening assessment are presented in Table E-2.0-1.

Table E-2.0-1
Exposure Concentrations for Human Health and Ecological Screening Assessment

Analyte	Mean (mg/kg)	Standard Deviation	n	95% UCL (mg/kg)
Aroclor-1254	0.32	0.27	30	0.41
Aroclor-1260	0.14	0.17	30	0.19
Chlordane(alpha-)	0.017	0.011	19	0.021
Chlordane(gamma-)	0.015	0.01	19	0.019
4,4'-DDD	0.016	0.024	19	0.026
4,4'-DDE	0.013	0.012	19	0.018
4,4'-DDT	0.043	0.063	19	0.068
Dieldrin	0.018	0.022	19	0.027
Endosulfan I	0.013	0.009	19	0.017
Endosulfan II	0.017	0.012	19	0.022
Endrin aldehyde	0.012	0.012	19	0.016
Endrin Ketone	0.015	0.016	12	0.023
Toxaphene	0.61	0.62	19	0.85
Antimony	0.75	0.43	17	0.92
Arsenic	4.9	6.4	19	7.5
Barium	76.4	45.8	19	74.6
Cadmium	0.21	0.27	19	0.32
Cobalt	3.4	2.2	17	4.0
Copper	14	8.5	17	18
Lead	39.3	24.6	19	49.1
Mercury	0.35	0.41	19	0.51
Selenium	1.0	0.67	19	1.3
Silver	0.59	0.66	19	0.86
Thallium	1.7	2.6	19	2.8
Zinc	104	191	17	185
Americium-241	1.4	1.6	25	2.3
Plutonium-238	0.24	0.25	28	0.32
Plutonium-239	17.6	17	28	23.1
Uranium-234	6.0	7.9	17	9.4
Uranium-235	0.36	0.52	17	0.58
Uranium-238	3.6	4.0	17	5.3

Appendix F

Risk Assessment

F-1.0 CONTAMINANT TRANSPORT

This section discusses the transport of COPCs in the environment. Infiltration into surface soils depends on the rate of precipitation or snowmelt, antecedent soil water status, depth of soil, and soil hydraulic properties. Infiltration into the tuff depends on the unsaturated flow properties of the tuff. Joints and fractures in the tuff may provide additional pathways for moisture to enter the subsurface regime.

Movement of liquids in the Bandelier Tuff is dominated by unsaturated flow processes. Transient rather than steady-state conditions may describe the hydraulic character of the near-surface tuff. The influences include surface water infiltration and evapotranspiration. Liquid-water flow under ambient conditions can be represented by a porous media continuum model. A condition of nonflow may be present in the tuff below the influence of transient surface moisture effects. The movement of contaminants by liquids in the unsaturated zone may be in solution or as suspended solids. Retardation of contaminants is primarily due to sorption on the tuff or organic material present on the tuff. Fractures may affect liquid transport. Their role is hypothesized to be dependent on the soil water content. Above a critical water content, fractures are expected to facilitate flow and transport. Below the critical water content, rock matrix properties will dominate the hydraulic response.

Vapor-phase processes are important as a transport process for certain contaminants. Matrix influences include porosity, permeability, moisture content, and other properties of the tuff. The exchange of pore gas with atmospheric air is a release mechanism for vapor-phase contaminants and is influenced by temperature gradients and atmospheric pressure changes. Fractures may be facilitators of gas exchange both within the rock and with the atmosphere.

F-2.0 ENVIRONMENTAL FATE OF COPCS

Information on the fate of chemicals identified as COPCs at SWMU 0-030(g) is summarized below.

F-2.1 Radionuclides

Certain radionuclides behave similarly in the environment because of their chemical properties. The radionuclides identified as COPCs at SWMU 0-030(g) are all actinides: americium-241, plutonium-238 and -239, uranium-234, -235, and –238. The following information is summarized from Whicker and Schultz (Whicker and Schultz 1982, 58209, pp. 147–162).

In general, the actinide nuclides form comparatively insoluble compounds in the environment and are not considered biologically mobile. The actinides are transported in ecosystems mainly by physical and sometimes chemical processes. Uptake of actinides by plants from soil is generally considered to be low. Plutonium in the environment undergoes hydrolysis and oxidation with PuO^2 as a common form. Under most environmental conditions, plutonium occurs in forms that are poorly transferred across biological membranes; therefore, movement of plutonium from soil and sediments to plants and animals is greatly inhibited.

Because plutonium and americium under oxic conditions preferentially bind to fine soil or sediment particles or organic matter with high surface to volume ratios, it is likely that any actinides would tend to be concentrated in sediment catchment basins within the drainage.

F-2.2 Organic Chemicals

Chemical properties, such as water solubility, adsorption coefficient, vapor pressure, and the octanol water partition coefficient of organic chemicals help determine the fate and transport of such chemicals. The information contained in this section is from *Fate and Transport of Organic Chemicals in the Environment, a Practical Guide, 2nd edition,* by Ronald E. Ney, Ph.D.(Ney 1995, 58210) unless otherwise noted.

Water solubility is perhaps the most important chemical characteristic used to assess chemical mobility, stability or breakdown, accumulation, bioaccumulation, and sorption. The higher the water solubility of a chemical, the more likely it is to be mobile and less likely it is to be accumulative, bioaccumulative, volatile, and persistent. A highly soluble chemical (greater than 1000 ppm or mg/L) is prone to biodegradation and metabolism that may detoxify the parent chemical. The lower the water solubility of a chemical (less than 10 ppm or mg/L) the more likely it is that it will be immobilized by way of adsorption. Because it is less mobile, it is more accumulative or bioaccumulative, persistent in the environment, and slightly prone to biodegradation and may be metabolized in plants and animals.

Volatilization of a chemical into the air is an important migration pathway. The vapor pressure of a chemical provides an indication of whether a chemical will volatilize into the air. The higher the water solubility of a chemical, the more likely it is to be mobile and less likely it is to be accumulative, bioaccumulative, volatile, and persistent. A chemical with a low vapor pressure (less than 0.000001 torr) is less likely to volatilize into the air. A chemical with high vapor pressure (greater than 0.01 torr) is more likely to volatilize into the air.

The octanol water partition coefficient (Kow), or partition coefficient is an indicator of the bioaccumulation or bioconcentration potential of a chemical in the fatty tissue of living organisms. The Kow value (which has no units) is an indicator of water solubility, mobility, sorption, and bioaccumulation. The higher the Kow, (greater than 1,000) the greater the affinity of the chemical to bioaccumulate/bioconcentrate in the food chain, the greater its potential for sorption in soil and the lower its mobility (Ney 1995, 58210). A Kow of less than 500 would be indicative of high water solubility, mobility, little to no bioaccumulation or accumulation, and degradability by microbes, plants, and animals.

Soil sorption, chemical sorption, or bound chemicals in the soil may be expressed as the extent that an organic chemical partitions between a solid phase and a liquid phase. This value is better known as the adsorption coefficient (Koc), and is expressed as the ug adsorbed per organic carbon (soil solid phase) divided by ug per ml solution (liquid base). Chemicals with a high Koc of >10,000 will adsorb to soil organic carbon. Chemicals with a low Koc of 1,000 will not adsorb to soil organic carbon. Chemicals with a Koc in the range of 1,000 to 10,000 could behave either way.

The organic COPCs for SWMU 0-030(g) are acetone, aroclor-1254, aroclor-1260, chlordane (alpha-), chlordane (gamma-), 4,4-DDD, 4,4-DDE, 4,4-DDT, dieldrin, endosulfan I and II, endrin aldehyde, endrin ketone and toxaphene. Because there are different concerns for particular chemicals, such as bioconcentration for DDT, research will tend to focus in those areas of concern. Therefore, not all information is available for each COPC, resulting in "NRA", not readily available, in parts of the table. Technical grade chlordane is used as a surrogate for alpha- and gamma-chlordane. Table F-2.2-1 presents the water solubility, bioconcentration factor, vapor pressure, Kow and Koc for these chemicals.

With the exception of acetone, all the organic chemicals presented in Table F-2.2-1 have low mobility, are immobilized by way of adsorption to soil organic carbon, are accumulative or bioaccumulative in the food chain, persistent in the environment, and may be metabolized in plants and animals. Acetone, has

opposite characteristics. Acetone is volatile, mobile, less likely to accumulate, bioaccumulate and persist in the environment.

Table F-2.2-1

Summary of Chemical Properties for Organic Chemicals

Chemical	Water Solubility[a] (mg/L)	Bioconcentration Factor	Vapor Pressure[a] (torr)	Kow	Koc
Acetone	Total (LA)[b]	NRA[c]	270 (LA)	0.58 (LA)	2.2 (LA)
Aroclor-1254 and -1260	0.0027 to 0.34 (Ney)	100,000 (LA)	7.71 x 10-5 to 0.004 (Ney)	647 to 21,700 (Ney)	530,000 (LA)
Chlordane (technical)	0.056 (Ney)	11,400 (flowing water) to 3,140 (static water) (Ney)	1 x 10-5 (LA)	2089 (LA)	140,000 (LA)
4,4'- DDD	0.005 (Ney)[d]	63,830 (Ney)[d]	1.02 x 10-6 (MT)[e]	1,047,000 (Ney)	977,000 (MT)
4,4'- DDE	0.01 (Ney)[d]	27,400 (Ney)[d]	6.49 x 10-6 (MT)	583,000 (Ney)	1,000,000 (MT)
4,4'- DDT	0.0017 (Ney)[d]	84,500 (Ney)[d]	1.9 x 10-7 (MT)	960,000 (Ney)	238,000 (Ney)[d]
Dieldrin	0.022 (Ney)	5,800 (flowing water) to 4,420 (static water) (Ney)	0.000000178 (LA)	3,162 (LA)	1,700 (LA)
Endosulfan I and II	0.53 (LA)	NRA	1.0 x 10-5	NRA	NRA
Endrin aldehyde and endrin ketone	0.024 (Ney)	4,050 (flowing water) to 1,360 (static water) (Ney)	NRA	218,000 (Ney)	NRA
Toxaphene	0.4 (Ney)	26,400 (flowing water) to 4,250 (static water)	NRA	1995 (LA)	964

[a] At 25° C.

[b] LA denotes information from Appendix A of *Hazardous Waste Management* by Michael D. La Grega et al., McGraw-Hill, Inc. (La Grega 1994, 65242).

[c] NRA = Values not readily available.

[d] At 20° C.

[e] *Groundwater Chemicals Desk Reference* by John Montgomery and Linda Welkom, Lewis Publishers, Michigan (Montgomery 1996, 58963.1).

F-2.3 Inorganic Chemicals

The following inorganic COPCs were retained from the background comparison: antimony, arsenic, barium, cadmium, chromium (total and hexavalent), cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc.

Information presented here on the fate and transport of inorganic chemicals in the soil is from Klaassen et al. (1986, 58204, pp. 827–843), Brady (1974, 57672, pp. 563–566), Budavari et al. (1996, 58033.1.1) and

from the toxicological profiles published by the Agency for Toxic Substances and Disease Registry (ATSDR). These profiles are contained in the CD-ROM distributed by ATSDR (ATSDR 1997, 56531).

The fate and distribution of chemicals in the environment are determined by several variables that can interact in numerous ways, e.g., physicochemical properties of the individual chemical and the physical transport systems such as rainwater or snowmelt runoff. The physicochemical properties, such as water solubility, soils adsorption, and vaporization, are all important in determining the routes by which a metal may enter the environment and be distributed. In general, metallic cations are quite insoluble in soil, especially if the soil is not too acidic (Brady 1974, 57672, p. 565). Adsorption to particulate matter is a major mechanism by which chemicals are removed from solution and is dependent upon the type of soil. Vaporization from soil and water is a function of the vapor pressure of a chemical, as well as temperature, degree of adsorption, soil properties, and soil water content (Klaassen et al. 1986, 58204, pp. 827–828). Metals, however, are not among the volatile or semivolatile chemicals. Information on the inorganic chemicals that have been detected in and around SWMU 0-030(g) (antimony, arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, uranium and zinc) is presented below.

Antimony and Arsenic.

Some of antimony's chemical traits are similar to arsenic, such as a tendency for volatilization from water (Hem, 1985 p. 145, 67310). Information regarding the fate and transport of antimony is not readily available. Therefore, the following information is regarding arsenic but is applicable to antimony.

Prediction of chemical valence states. Antimony and arsenic occur in the +3 and +5 oxidation states.

Affinity for soil, water and air. Arsenic is stable in dry air and insoluble in water. Therefore, volatilization of arsenic into the air and transport of arsenic as a dissolved component of water is not expected to be a concern (Budavari 1996, 58033.1.1, p. 832). However, transport and partitioning of arsenic in water depends upon the chemical form (oxidation state and counter ion) of the arsenic and on interactions with other materials present. Arsenic may be transported by leaching into rainfall or snowmelt. However, because many arsenic compounds tend to adsorb to soils or sediments, leaching usually results in transportation over only short distances in soil. Sediment-bound arsenic may be released back into the water by chemical or biological interconversions of arsenic species (ATSDR 1993, 56531).

Potential for uptake. Bioconcentration of arsenic occurs in aquatic organisms, primarily in algae and lower invertebrates. Bioconcentration factors (BCFs) measured in freshwater invertebrates and fish for several arsenic compounds ranged from 0 to 17. Biomagnification in aquatic food chains does not appear to be significant, although some fish and invertebrates contain high levels of arsenic compounds. Terrestrial plants may accumulate arsenic by root uptake from the soil (ATSDR 1993, 56531).

Barium.

Prediction of chemical valence states. Barium occurs in the +2 oxidation state.

Affinity of barium for soil, water and air. Barium reacts with metal oxides and hydroxides in soil and is subsequently adsorbed onto soil particulates. Barium is also adsorbed onto soil and subsoil through electrostatic interactions. The cation exchange capacity of the sorbent largely controls the retention of barium in soil. Barium is strongly adsorbed by clay minerals. In general, the solubility of barium compounds increases with decreasing pH. Barium does not hydrolyze appreciably except in highly alkaline environments (i.e., at pH levels greater than or equal to 10). Barium also forms complexes with natural organics in water (e.g., fatty acids in acidic landfill leachates) to a limited extent. Elemental barium

is oxidized readily in moist air. The residence time of barium in the atmosphere may be several days, depending on the size of the particulate formed, the chemical nature of the particulate, and environmental factors such as rainfall.

Potential for uptake. Barium added to soils (e.g., from the land farming of waste drilling muds) may either be taken up by vegetation or transported through soil with precipitation. Relative to the amount of barium found in soils, little is bioconcentrated by plants. However, this transport pathway has not been comprehensively studied. Barium was found to bioconcentrate in marine plants by a factor of 1,000 times the level present in the water (ATSDR 1997, 56531).

Cadmium.

Prediction of chemical valence states. Cadmium exists only in the +2 oxidation state.

Affinity of cadmium for soil, water and air. Cadmium and cadmium compounds have negligible vapor pressures. Therefore, volatilization of cadmium into the air is not expected to be a pathway of concern. Cadmium is more mobile in aquatic environments than most other heavy metals, such as lead. In natural waters, most cadmium will exist as the hydrated ion (Cd (+ 2) 6H 2O). Cadmium complexed with humic substances is also an important form of cadmium in polluted waters. Cadmium concentration in water is inversely related to the pH and the concentration of organic material in the water. Because cadmium exists only in the +2 oxidation state, aqueous cadmium is not strongly influenced by the oxidizing or reducing potential of the water. Precipitation and sorption to mineral surfaces and organic materials are the most important removal processes for cadmium compounds. Cadmium in soils may leach into water, especially under acidic conditions. Cadmium-containing soil particles may also be entrained into the air or eroded into water, resulting in dispersion of cadmium into these media (ATSDR 1997, 56531)

Potential for uptake. The data indicate that cadmium bioaccumulates in all levels of the food chain. Cadmium accumulation has been reported in grasses and food crops, and in earthworms, poultry, cattle, horses, and wildlife. However, since cadmium accumulates largely in the liver and kidneys of vertebrates and not in the muscle tissue, and intestinal absorption of cadmium is low, biomagnification through the food chain may not be significant. Although some data indicate increased cadmium concentrations in animals at the top of the food chain, comparisons among animals at different trophic levels are difficult, and the data available on biomagnification are not conclusive (ATSDR 1993, 56531)

Chromium.

Prediction of chemical valence states. Chromium occurs in the +1 through +6 oxidation states. The fate of chromium in soil is partly dependent on the redox potential and the pH of the soil. In most soils, chromium will be present predominantly in the chromium (III) state. In deeper soil where anaerobic conditions exist, chromium (VI) will be reduced to chromium (III) by S^{-2} and Fe^{+2} present in soil (ATSDR 1997, 56531).

Affinity of chromium for soil, water and air. Most chromium (III) in soil is immobilized due to adsorption and complexation with soil materials. Chromium in the aquatic phase occurs in the soluble state or as suspended solids adsorbed onto clayey materials, organics, or iron oxides. Most of the soluble chromium is present as chromium (VI) or as soluble chromium (III) complexes and generally accounts for a small percentage of the total. Soluble chromium (VI) may persist in some bodies of water for a long time, but will eventually be reduced to chromium (III) by organic matters or other reducing agents in water. Chromium compounds cannot volatilize from water (ATSDR 1997, 56531).

Potential for uptake. Chromium has a low mobility for translocation from roots to the above ground parts of plants (ATSDR 1997, 56531).

Cobalt.

Prediction of chemical valence states. Cobalt occurs in the +1, 2, 3, and rarely +4, 5 oxidation states (ATSDR 1997, 56531).

Affinity of cobalt for soil, water and air. As for most metals, sediment and soil are the final repository for cobalt emitted into the environment by humans. Most of the cobalt released into water eventually reaches the lakes and the coastal zones of the oceans via river transport of dissolved and suspended particles. In a lake, the portion of the total metal load carried on suspended particles settles in areas with active sedimentation. However, the percent of cobalt that is transported in the particulate form in water varies widely from 0%, as in the case of Lake Washington (Washington State), to 98%, as in the case of the Columbia River near Richland, Washington. In the oxic zones of many surface waters, the dissolved cobalt concentration decreases with depth. This may be due to its continuous input into surface water from discharges, and to increased adsorption and precipitation of the soluble forms in suspended solids and sediments with increases in depth (ATSDR 1997, 56531).

The speciation of cobalt in soil depends on the nature of the soil, concentration of chelating/complexing agents, pH, and Eh (redox potential) of the soil. Dissolved cobalt may be absorbed by ion exchange and other mechanisms, or form complexes with fulvic acids, humic acid, or other organic ligands in soil. The humic and fulvic complexes of cobalt are not very stable, compared with copper, lead, iron, and nickel complexes (ATSDR 1997, 56531).

The transport of cobalt in soil depends on its adsorption/desorption. Cobalt is retained by oxides such as iron and manganese oxide, crystalline materials such as aluminosilicate and goethite, and natural organic substances in soil. In most soils, cobalt is more mobile than lead, chromium, zinc, and nickel, but less mobile than cadmium. The mobility of cobalt in soil increases as the pH decreases; it decreases as the availability of the oxides, crystalline materials, and other adsorbents in soil decreases. Organic complexing agents, such as those obtained from plant decay, may also increase cobalt mobility in soil. However, complexes decrease cobalt uptake by plants. Addition of sewage sludge to the soil also increases the mobility of cobalt, perhaps due to organic complexation of cobalt (ATSDR 1997, 56531).

There is a paucity of data in the literature regarding the chemical forms of cobalt and their transformation in the atmosphere. It is not clear if, or how, any chemical speciation of cobalt occurs in the atmosphere.

Potential for uptake. The possibility of cobalt uptake by plants from soil has been reported in the literature. Elevated levels of cobalt have been found in the roots of sugar beets and potato tubers in soils with high cobalt concentrations (e.g., flyash-amended soil) due to absorption of cobalt from soil. The translocation of cobalt from roots to above-ground parts of plants is not significant in most soils, as indicated by the lack of cobalt in seeds of barley, oats, and wheat grown in high-cobalt soil. The enrichment ratio, defined as the concentration in a plant grown in amended soil (flyash) over the concentration in unamended soil, was about 1. The transfer coefficient (concentration in plant/concentration in soil) for cobalt to be 0.01-0.3. There is little biomagnification of cobalt in animals of higher trophic levels (ATSDR 1997, 56531).

Copper.

Prediction of chemical valence states. Copper occurs in the +1 and +2 oxidation states.

Affinity of copper for soil, water and air. Most copper deposited in soil will be strongly adsorbed and remain in the upper few centimeters of soil. Copper's movement in soil is determined by a host of physical and chemical interactions of copper with the soil components. In general, the copper will adsorb to organic matter, carbonate minerals, clay minerals, or hydrous iron and manganese oxides. Sandy soils

with low pH have the greatest potential for leaching. However, the soil in the area is alkaline to neutral, so leaching of copper would not be a great concern at this site. In most temperate soil, the pH, organic matter, and ionic strength of the soil solutions are the key factors affecting adsorption. The ionic strength and pH of the soil solution affect the surface charge of soils and thereby influence ionic interaction. When the amount of organic matter is low, the mineral content or iron, manganese and aluminum oxides become important in determining the adsorption of copper (ATSDR 1997, 56531). Coppers affinity for air is demonstrated by the fact that copper becomes dull when exposed to air (Budavari et al. 1996, 58033.1).

Copper binds to soil much more strongly than other divalent cations, and the distribution of copper in the soil solution is less affected by pH than other metals. In a study of competitive adsorption and leaching of metals in soil columns of widely different characteristics, copper eluted much more slowly and in much lower quantities than zinc, cadmium, and nickel from two mineral soils and not at all from peat soil, which contained the greatest amount of organic matter. A study looked at pH-dependent adsorption of the bivalent transition metal cations (cadmium, copper, lead, and zinc) in two mineral soils and two soils containing considerable organic matter. Adsorption increased with pH, and copper and lead were much more strongly retained than cadmium and zinc. Reduction in absorptivity after removal of the organic matter demonstrated the importance of organic matter in binding copper (ATSDR 1997, 56531.).

Copper shows a pronounced solubility in soil only in the oxidizing environment; in the reducing environment, solubility is low. Above pH 6, precipitation becomes the more dominant process for removing copper from water. Copper binding in soil may be correlated with pH, cation exchange capacity, and the organic content of the soil, the presence of iron oxides, and even the presence of inorganic carbon such as carbonates. Copper may also be incorporated in mineral lattices where it is unlikely to have ecological significance. Broad generalizations are not possible since the situation will differ among different soils. In soils with a high organic carbon content, however, copper will be tightly bound to organic matter. In sediment, copper is generally associated with mineral matter or tightly bound to organic material. As is common when a metal is associated with organic matter, copper is generally associated with fine, as opposed to coarse, sediment (ATSDR 1997, 56531). Therefore, copper would most likely be bound to the soil and move in the system by way of transport of soil particles by water as opposed to movement in the air because of volatilization or movement in the water as dissolved chemicals.

Potential for uptake. Ordinarily at pH values of 6.5 and above copper tends to be only slowly available to plants, especially if copper is present in the high-valent or oxidized forms. Consequently, most soils will tie up relatively large quantities of copper if the soil pH is high and the drainage good (Brady 1974, 57672). There is abundant evidence that there is no biomagnification of copper in the food chain (ATSDR 1997, 56531).

Lead.

Prediction of chemical valence states. Lead occurs in the +2 and +4 oxidation states. Lead in the +2 oxidation state has some chemical similarities to calcium (Manahan 1989, 59377.1, p. 105).

Affinity of lead for soil, water and air. The fate of lead in soil is affected by the specific or exchange adsorption at mineral interfaces, the precipitation of sparingly soluble solid forms of the compound, and the formation of relatively stable organic-metal complexes or chelates with soil organic matter. These processes are dependent on such factors as soil pH, and organic matter content of soil, the presence of inorganic colloids and iron oxides, ion-exchange characteristics, and the amount of lead in soil. The accumulation of lead in most soils is primarily a function of the rate of deposition from the atmosphere. Most lead is retained strongly in soil, and very little is transported into surface water or groundwater. Lead is strongly sorbed to organic matter in soil, and although not subject to leaching, it may enter surface

waters as a result of erosion of lead-containing soil particulates. Lead may be converted to lead sulfate at the soil surface which is relatively soluble when compared with lead carbonate or phosphate. Inorganic lead may be bound into crystalline matrices of rocks and remain essentially immobile. Lead complexes and precipitates in soil and their transformation depend on the soil type. In soil with a high organic matter content and a pH of 6-8, (which is approximately the pH of the soil on East Mesa) lead may form insoluble organic lead complexes; if the soil has less organic matter at the same pH, hydrous lead oxide complexes may form or lead may precipitate out with carbonate or phosphate ions. Entrainment of soil particles is another route of lead transport. The downward movement of lead from soil to groundwater by leaching is very slow under most natural conditions (ATSDR 1997, 56531).

Potential for uptake. Plants and animals may bioconcentrate lead but biomagnification has not been detected. Although the bioavailability of lead in soil to plants is limited because of the strong absorption of lead to soil organic matter, the bioavailability increases as the pH and the organic matter content of the soil are reduced. Lead is not biomagnified in aquatic or terrestrial food chains (ATSDR 1997, 56531).

Mercury.

Prediction of chemical valence states. Mercury occurs in the +1 and +2 oxidation states. In soils and surface waters, mercury can exist in the mercuric (Hg+2) and mercurous (Hg+1) states as a number of complex ions with varying water solubilities (ATSDR 1997, 56531).

Affinity of mercury for soil, water and air. Mercury is transported to aquatic ecosystems by way of surface runoff. It is tightly bound to both organic and inorganic particles. Sediments with high sulfur content will strongly bind mercury. The methylation of mercury by microorganisms is a detoxification response that allows the organism to dispose of heavy metal ions as small organometallic complexes. Conditions for methylation by sediment microorganisms are strict and occur only within a narrow pH range. The rate of synthesis of methyl mercury also depends on redox potential, composition of the microbial population, availability of Hg^{2+}, and temperature. The best conversion rate for inorganic mercury to methyl mercury under ideal conditions is less than 1.5 percent per month (Casarett et al. 1986, 58204, p. 842).

Mercuric mercury, present as complexes and chelates with ligands, is probably the predominant form of mercury present in surface waters. The transport and partitioning of mercury in surface waters and soils is influenced by the particular form of the compound. More than 97% of the dissolved gaseous mercury found in water consists of elemental mercury. Volatile forms (e.g., metallic mercury and dimethylmercury) are expected to evaporate to the atmosphere, whereas solid forms partition to particulates in the soil or water column and are transported downward to the sediments in the water column (ATSDR 1997, 56531).

The sorption process is related to the organic matter content of the soil or sediment. Mercury is sorbed to soil with high iron and aluminum content up to a maximum loading capacity of 15 g/kg. Inorganic mercury sorbed to particulate material is not readily desorbed. Thus, freshwater and marine sediments are important repositories for inorganic forms of the compound, and leaching is a relatively insignificant transport process in soils. However, surface runoff is an important mechanism for moving mercury from soil to water, particularly for soils with high humic content. Mobilization of sorbed mercury from particulates can occur through chemical or biological reduction to elemental mercury and bioconversion to volatile organic forms. Adsorption of mercury in soil is decreased with increasing pH and/or chloride ion concentrations. Metallic mercury may move through the top 3-4 cm of dry soil at atmospheric pressure; however, it is unlikely that further penetration would occur (ATSDR 1997, 56531).

The volatilization and leaching of various forms of mercury (elemental, mercuric sulfide, mercuric oxide, and mercurous oxide) from soils or wastes has been studied using the headspace method for

volatilization and the RCRA leaching protocols for leaching through soil to determine if the leachates exceeded the RCRA limit of 200 mg/L. With the exception of mercuric sulfide, the other forms of mercury increased in concentrations in the headspace vapor and in the leachate as the soil concentrations increased, although the elemental mercury concentrations never exceeded the RCRA limit, indicating that it was relatively unleachable. Mercuric sulfide also did not exceed the background level for the leachate and was consistently less than 0.001 mg/m^3 for the vapor concentrations, indicating that it too was unleachable and did not volatilize. This study also showed that concentrations of mercury in leachate could not be correlated with the concentration of mercury in the soil or in the headspace vapors. Mercuric sulfide has been found to strongly adsorb to soil, and even with weathering, any mercury released from the mercuric sulfide is readsorbed by the soil (ATSDR 1997, 56531).

Potential for uptake. Inorganic mercury compounds added to soils react quickly with the organic mater and clay minerals to form insoluble compounds. In this form, mercury is quite unavailable to growing plants (Brady 1974, 57672). The methylation of mercury by microorganisms is a detoxification response that allows the organism to dispose of heavy metal ions as small organometallic complexes. Conditions for methylation by sediment microorganisms are strict and occur only within a narrow pH range. The rate of synthesis of methyl mercury also depends on redox potential, composition of the microbial population, availability of Hg2+, and temperature. The best conversion rate for inorganic mercury to methyl mercury under ideal conditions is less than 1.5 percent per month (Klaassen et al. 1986, 59093, p. 842).

The potential for bioaccumulation in terrestrial food chains is demonstrated by the uptake of mercury by the edible mushroom *Pleurotus ostreatus*, grown on compost containing mercury at concentrations of up to 0.2 mg/kg. The bioaccumulation factor was 65-140, indicating that there are risks to human health if these mushrooms are eaten. However, other data indicate that virtually no mercury is taken up from the soil into the shoots of plants such as peas, although mercury concentrations in the roots may be significantly elevated and reflect the mercury concentrations of the surrounding soil. The most common organic form of mercury, methylmercury, is soluble, mobile, and quickly enters the aquatic food chain (ATSDR 1997, 56531).

Nickel.

Prediction of chemical valence states. While nickel can exist in oxidation states -1, 0, +2, +3, and +4, its only important oxidation state is nickel (+2) under environmental conditions. The divalent state of nickel forms an extensive series of compounds and is the only important oxidation state in aqueous systems. Other oxidation states occur in special complexes and oxides (ATSDR 1997, 56531).

Affinity of nickel for soil, water and air. Nickel and nickel compounds have negligible vapor pressures. Therefore, volatilization of nickel from the soil into the air is not expected to be a pathway of concern. Nickel is strongly adsorbed by soil, although to a lesser degree than lead, copper, and zinc. Nickel is a natural constituent of soil and is transported into streams and waterways in runoff either due to natural weathering or from disturbed soil. Much of the nickel released into waterways as runoff is associated with particulate matter; it is transported and settles out in areas of active sedimentation (ATSDR 1997, 56531).

Potential for uptake. Nickel is not accumulated in significant amounts by aquatic organisms. The range of BCFs appears to be 40-100 in fish and 100-259 in invertebrates. The lack of significant bioaccumulation of nickel in aquatic organisms, voles, and rabbits would indicate that nickel is not biomagnified in the food chain (ATSDR 1997, 56531).

Selenium.

Prediction of chemical valence states. The primary factor determining the fate of selenium in the environment is its oxidation state. Selenium is stable in four valence states (-2, 0, +4, and +6). The heavy metal selenides (-2) are insoluble in water, as is elemental selenium. The inorganic alkali selenites (+4) and selenates (+6) are soluble in water and are therefore more bioavailable.

Affinity of selenium for soil, water and air. In general, elemental selenium is stable in soils and is found at low levels in water due to its ability to coprecipitate with sediments. The forms of selenium expected to be found in surface water and the water contained in soils are the salts of selenic and selenious acids. Selenic acid is a strong acid. The soluble selenate salts of this acid are expected to occur in alkaline waters. Sodium selenate is one of the most mobile selenium compounds in the environment owing to its high solubility and inability to adsorb onto soil particles. Selenious acid is a weak acid, and the diselenite ion predominates in waters between pH 3.5 and 9. Most selenites are less soluble in water than the corresponding selenates. The volatile selenium compounds that partition into the atmosphere include the inorganic compounds selenium dioxide and hydrogen selenide and the organic compounds dimethyl selenide and dimethyl diselenide. Hydrogen selenide is highly reactive in air and is rapidly oxidized to elemental selenium and water, but the other compounds can persist in air (ATSDR 1997, 56531).

Potential for uptake. The soluble selenates are readily taken up by plants and converted to organic compounds such as selenomethionine, selenocysteine, dimethyl selenide, and dimethyl diselenide. Selenium is bioaccumulated by aquatic organisms and may also biomagnify in aquatic organisms (ATSDR 1997, 56531).

Silver.

Prediction of chemical valence states. Silver occurs in the environment primarily in the +1 and +2 oxidation state.

Affinity of silver for soil, water and air. The transport and partitioning of silver in surface waters and soils is influenced by the particular form of the compound. Under oxidizing conditions the primary silver compounds are bromides, chlorides, and iodides, while under reducing conditions the free metal and silver sulfide predominate. In water, the major forms of silver are as the monovalent ion in the form of sulfate, bicarbonate, or sulfate salts; as part of more complex ions with chlorides and sulfates; and as an integral part of, or adsorbed onto, particulate matter. The mobility of silver in soils is affected by drainage (silver tends to be removed from well-drained soils); oxidation-reduction potential and pH conditions (which determine the reactivity of iron and manganese complexes which tend to immobilize silver); and the presence of organic matter (which complexes with silver and reduces its mobility).

Potential for uptake. In fresh water, silver may form complex ions with chlorides, ammonium (in areas of maximum biological activity), and sulfates; form soluble organic compounds such as the acetate and the tartrate; become adsorbed onto humic complexes and suspended particulates; and become incorporated into, or adsorbed onto, aquatic biota. Bioconcentration (uptake from water) and bioaccumulation (uptake from food and water) studies of silver thiosulfate complexes in algae (*Scenedesmus* sp.), water flea (*Daphnia magna*), mussels (*Ligumia* sp. and *Margaritifera* sp.), and fathead minnow (*Pimephales promelas*) were conducted in 10-week exposures. Bioconcentration indices were 96-150 for algae, 12.2-26 for *Daphnia*, 5.9-8.5 for mussels, and 1.8-28 for fish. Bioaccumulation indices were 9-26 for *Daphnia*, 6.6-9.8 for mussels, and 4.0-6.2 for fish. These indices, which are based on measured wet weight concentrations in biota and nominal concentrations in water, indicate little potential for silver biomagnification (systematic increase in residue concentrations moving up a food chain) in the tested aquatic food chain. In soil, silver is toxic to soil microorganisms and inhibits bacterial enzymes, therefore, biotransformation is not expected to be a significant process (ATSDR 1997, 56531).

Thallium.

Prediction of chemical valence states. Thallium occurs in the environment primarily in the +1 and +3 oxidation states.

Affinity of thallium for soil, water and air. Thallium is a nonvolatile heavy metallic element that exists in the environment mainly combined with other elements (primarily oxygen, sulfur, and the halogens) in inorganic compounds. Thallium is quite stable in the environment, since it is neither transformed nor biodegraded. Compounds of thallium are generally soluble in water and the element is found primarily as the monovalent ion. Thallium may partition from water and be sorbed to soils and sediments (ATSDR 1997, 56531).

Potential for uptake. Thallium tends to bioconcentrate in aquatic plants, invertebrates, and fish. Terrestrial plants can also absorb thallium from soil (ATSDR 1997, 56531).

Zinc.

Prediction of chemical valence states. Zinc occurs in the environment primarily in the +2 oxidation state. It dissolves in acids to form hydrated Zn+2 cations and in strong bases to form zincate anions (probably Zn[OH] 4-2) (ATSDR 1997, 56531).

Affinity of zinc for soil, water and air. Zinc sorbs strongly onto soil particulates. Zinc can occur in both suspended and dissolved forms in surface water. Dissolved zinc may occur as the free (hydrated) zinc ion or as dissolved complexes and compounds with varying degrees of stability. Suspended (undissolved) zinc may be dissolved following minor changes in water chemistry or may be sorbed to suspended matter (ATSDR 1997, 56531). Zinc is stable in dry air (Budavari et al. 1996, 58033.1).

The mobility of zinc in soil depends on the solubility of the speciated forms of the element and on soil properties such as cation exchange capacity, pH, redox potential, and chemical species present in soil; under anaerobic conditions, zinc sulfide is the controlling species. Since zinc sulfide is insoluble, the mobility of zinc in anaerobic soil is low. In a study of the effect of pH on zinc solubility, it was shown that when the pH is <7, an inverse relationship exists between the pH and the amount of zinc in solution. As negative charges on soil surfaces increase with increasing pH, additional sites for zinc adsorption are activated and the amount of zinc in solution decreases. The active zinc species in the adsorbed state is the singly charged zinc hydroxide species (i.e., Zn[OH]+). The amount of zinc in solution generally increases when the pH is >7 in soils high in organic matter. This is probably a result of either the release of organically complexed zinc, reduced zinc adsorption at higher pH, or an increase in the concentration of chelating agents in soil. Consequently, movement towards groundwater is expected to be slow (ATSDR 1997, 56531). Zinc would most likely be bound to the soil and move in the system by way of transport of soil particles by water as opposed to movement in the air because of volatilization or movement in the water as dissolved chemicals.

Bioavailability. With respect to bioconcentration from soil by terrestrial plants, invertebrates, and mammals, bioconcentration factors of 0.4, 8, and 0.6, respectively, have been reported. The concentration of zinc in plants depends on the plant species, soil pH, and the composition of the soil. Ordinarily at pH values of 6.5 and above zinc tends to be only slowly available to plants, especially if the zinc is present in their high-valent or oxidized forms. Consequently, most soils will tie up relatively large quantities of zinc if the soil pH is high and the drainage good (Brady 1974, 57672). Plant species do not concentrate zinc above the levels present in soil (ATSDR 1997, 56531).

F-3.0 RESRAD PARAMETERS

The initial screening of radionuclide dose for this human health screening assessment was based on a comparison of the maximum concentration to the residential SAL. In the uncertainty section of the human health screening assessment, the 95% UCL of the mean was compared to single radionuclide soil guidelines (SRSGs) calculated with RESRAD Version 5.95 (Yu et al. 2000, 67309). RESRAD is the only computer code designated by DOE in Order 5400.5 for the evaluation of radioactively contaminated sites. NRC has approved the use of RESRAD for dose evaluation by licensees involved in decommissioning. EPA Science Advisory Board reviewed the RESRAD model. EPA used RESRAD in their rulemaking on radiation site cleanup regulations. RESRAD has been applied to over 300 sites in the U.S. and other countries. RESRAD code has been verified and has undergone several benchmarking analyses, and has been included in the IAEA's VAMP and BIOMOVS II projects to compare environmental transport models.

Tables F-3.0-1 and F-3.0-2 provide the input parameters to the RESRAD computer code for the child and adult trail user scenarios. RESRAD runs are provided at the end of this appendix.

Table F-3.0-1

Summary of RESRAD Parameters for the Child Trail User Scenario

Parameter	Value	Notes
Dose conversion factors	Default	RESRAD contains information pertaining to dose conversion factors
Area of contamination	10,000 m^2	Default value that also represents an approximation of the drainage channel area.
Thickness of contaminated zone	1 m	Contamination in drainage was found at a maximum depth of approximately 2.5 ft.
Time since placement of material	0 yr	Default; does not allow for any radiological decay.
Concentrations of principal radionuclides	See Text	Values used were maximum detected concentrations.
Evapotranspiration coefficient	0.999	Minimizes infiltration
Precipitation	0.35 m/yr	Los Alamos value
Inhalation rate	10,500 m^3/yr	Assumes child rate for moderate activity of 1.2 m^3/yr
Mass loading for inhalation	0.0002 g/m^3	Agricultural value of 0.0002 g/m^3
Exposure duration	6 yr	Assumes child 6-12 years old
Fraction of time spent on site	0.0114	Assumes 100 hours out of 8760 hrs per year
Soil ingestion rate	1752 g/yr	After adjusting for occupancy this equals 20 g/yr

Table F-3.0-2

Summary of RESRAD Parameters for the Adult Trail User Scenario

Parameter	Value	Notes
Dose conversion factors	Default	RESRAD contains information pertaining to dose conversion factors
Area of contamination	10,000 m^2	Default value that also represents an approximation of the drainage channel area.
Thickness of contaminated zone	1 m	Contamination in drainage was found at a maximum depth of approximately 2.5 ft.

Time since placement of material	0 yr	Default; does not allow for any radiological decay.
Concentrations of principal radionuclides	See Text	Values used were maximum detected concentrations.
Evapotranspiration coefficient	0.999	Minimizes infiltration
Precipitation	0.35 m/yr	Los Alamos value
Inhalation rate	14,000 m^3/yr	Assumes child rate for moderate activity of 1.6 m^3/yr

Table F-3.0-2 (continued)

Parameter	Value	Notes
Mass loading for inhalation	0.0002 g/m^3	Agricultural value of 0.0002 g/m^3
Exposure duration	30 yr	Assumes adult lives in area for 30 years
Fraction of time spent on site	0.0228	Assumes 200 hours out of 8760 hrs per year
Soil ingestion rate	876 g/yr	After adjusting for occupancy this equals 20 g/yr

F-4.0 HUMAN HEALTH RISK EQUATIONS

Table F-4.0-1 presents the input parameters for the calculation of risk and hazard for nonradionuclide COPCs.

Table F-4.0-1

Summary of Input Parameters for the Child and Adult Trail User Scenario

Parameter	Value	Notes
Target cancer risk	One in a million (10^{-6})	RAGS (Part A), EPA 1989 (EPA/540/1-89/002)
Target hazard quotient	One (1)	RAGS (Part A), EPA 1989 (EPA/540/1-89/002)
Body weight, child	15 (kg)	Exposure Factors Handbook, Vol I, General Factors, EPA 1997 (EPA/600/P-95/002Fa)
Body weight, adult	70 (kg)	RAGS (Part A), EPA 1989 (EPA/540/1-89/002)
Averaging time (carcinogens)	25550 (days)	RAGS (Part A), EPA 1989 (EPA/540/1-89/002)
Averaging time (noncarcinogens)	Exposure duration x 365 (days)	RAGS (Part A), EPA 1989 (EPA/540/1-89/002)
Exposed surface area, child	4700 (cm^2/day)	EPA Region 9 Preliminary Remediation Goals (PRG Tables Web Home Page (EPA 1999, 63061.1)
Exposed surface area, adult	5800 (cm^2/day)	EPA Region 9 PRG Tables Web Home Page (EPA 1999, 63061.1)
Adherence factor, child	1 (mg/cm^2-d)	EPA Region 9 PRG Tables Web Home Page (EPA 1999, 63061.1)
Adherence factor, adult	1 (mg/cm^2-d)	EPA Region 9 PRG Tables Web Home Page (EPA 1999, 63061.1)
Skin absorption, organic chemicals	0.1 (unitless)	EPA Region 9 PRG Tables Web Home Page (EPA 1999, 63061.1)
Skin absorption, inorganic chemicals	0.01 (unitless)	EPA Region 9 PRG Tables Web Home Page (EPA 1999, 63061.1)
Inhalation rate, child	1.2 (m^3/day)	Exposure Factors Handbook, Vol I, General Factors, EPA 1997 (EPA/600/P-95/002Fa)
Inhalation rate, adult	1.6 (m^3/day)	Exposure Factors Handbook, Vol I, General Factors, EPA 1997 (EPA/600/P-95/002Fa)
Soil ingestion, child	200 (mg/d)	Exposure Factors Handbook, Vol I, General Factors, EPA 1997 (EPA/600/P-95/002Fa)
Soil ingestion, adult	100 (mg/d)	Exposure Factors Handbook, Vol I, General Factors, EPA 1997 (EPA/600/P-95/002Fa)
Exposure frequency, child	100 (d/yr)	Professional Judgement

Table F-4.0-1 (continued)

Parameter	Value	Notes
Exposure frequency, adult	200 (d/yr)	Professional Judgement
Exposure duration, child	6 yr	RAGS (Part A), EPA 1989 (EPA/540/1-89/002)
Exposure duration, adult	30 yr	RAGS (Part A), EPA 1989 (EPA/540/1-89/002)
Particulate emission factor	$1.0 \times 10^{+7}$ (m^3/kg)	Soil Screening Guidance (EPA 1996)

The basic equation to determine the recreational sediment guidelines for carcinogenic chemicals for the child and adult trail user is:

$$\text{Conc} = \frac{TR \times AT \times BW}{EF \times ED\ [((IRS \times CSF_o)/10^{+6}) + ((SA \times AF \times ABS \times CSF_o)/10^{+6}) + ((IRA \times CSF_i)/PEF)]}$$

where:

Conc = chemical concentration in exposure medium (e.g., mg/kg soil)
TR = target incremental cancer risk of one in a million (10^{-6})
AT = time over which exposure is averaged for experiencing adverse effect (days)
BW = body weight (kg)
EF = exposure frequency (d/yr)
ED = exposure duration (yr)
CR = contact rate (e.g., mg soil/day for soil ingestion)
IRS = ingestion rate, soil
CSF_o = cancer slope factor, oral
SA = surface area (skin)
AF = adherence factor
ABS = absorption (skin)
IRA = inhalation rate
CSF_i = cancer slope factor, inhalation
PEF = particulate emission factor

The basic equation to determine the recreational sediment guidelines for noncarcinogenic chemicals for the child and adult trail user is:

$$\text{Conc} = \frac{THQ \times AT \times BW}{EF \times ED\ [(1/RfD_o) \times (IRS/10^{+6}) + ((1 \times SA \times AF \times ABS)/RfD_o \times 10^{+6}) + ((1/Rfd_i) \times (IRA/PEF))]}$$

where

Conc = chemical concentration in exposure medium (e.g., mg/kg soil)
THQ = target hazard quotient of one (unitless)
AT = time over which exposure is averaged for experiencing adverse effect (days)
BW = body weight (kg)
EF = exposure frequency (d/yr)
ED = exposure duration (yr)
RfD_o = chemical-specific reference dose, oral (mg/kg-d)
IRS = ingestion rate, soil (mg/kg)
SA = surface area, skin (cm^2/day)
AF = adherence factor (mg/cm^2)
ABS = absorption, skin (unitless)

RfD_i = chemical-specific reference dose, inhalation (mg/kg-d)
IRA = inhalation rate
PEF = particulate emission factor

The toxicity values, RfD for noncarcinogenic properties and SF for carcinogenic properties, are presented in Table F-4.0-2.

Table F-4.0-2
Toxicity Values

Chemical	Oral RfD[a] (mg/kg-d)	Source[b]	Inhalation RfD (mg/kg-d)	Source	Oral SF[c] (mg/kg-d)-1	Source	Inhal SF (mg/kg-d)-1	Source
Antimony	4.0x10-4	IRIS	—	—	—	—	—	—
Arsenic	3.0x10-4	IRIS	—	—	1.50	IRIS	15.0	IRIS
Barium	7.0x10-2	IRIS	—	—	—	—	—	—
Cadmium	1.0x10-3[d]	IRIS	5.7x10-5	W/D[e]	—	—	6.30	IRIS
Chromium (ck III vsVI)	5.0x10-3	IRIS	—	—	—	—	42.0[f]	IRIS
Cobalt	6.0x10-2	NCEA	5.7x10-6	W/D	—	—	—	—
Copper	4.0x10-2	NCEA	—	—	—	—	—	—
Mercury[g]	3.0x10-4	IRIS	8.6x10-5	IRIS	—	—	—	—
Nickel[h]	2.0x10-2	IRIS	—	—	—	—	—	—
Selenium	5.0x10-3	IRIS	—	—	—	—	—	—
Silver	5.0x10-3	IRIS	—	—	—	—	—	—
Thallium[e]	8.0x10-5	HEAST	—	—	—	—	—	—
Zinc	3.0x10-1	IRIS	—	—	—	—	—	—
Chlordane [alpha][j]	5.0x10-4	IRIS	2.0x10-4	IRIS	0.35	IRIS	0.35	IRIS
Chlordane [gamma][j]	5.0x10-4	IRIS	2.0x10-4	IRIS	0.35	IRIS	0.35	IRIS
DDT[4,4]	5.0x10-4	IRIS	—	—	0.34	IRIS	0.34	IRIS
Aroclor-1254 (PCBs)[k]	2.0x10-5	IRIS	2.0x10-5	R-R[l] ext.	2.0	IRIS	2.0	IRIS
Aroclor-1260 (PCBs)[k]	—	—	—	—	2.0	IRIS	2.0	IRIS
DDE	—	—	—	—	0.34	IRIS	0.34	R-R ext.
DDD	—	—	—	—	0.240	IRIS	0.24	R-R ext.

Table F-4.0-2 (continued)

Chemical	Oral RfD[a] (mg/kg-d)	Source[b]	Inhalation RfD (mg/kg-d)	Source	Oral SF[c] (mg/kg-d)-1	Source	Inhal SF (mg/kg-d)-1	Source
Dieldrin	5.0x10-5	IRIS	5.0x10-5	IRIS	16.0	IRIS	16.0	IRIS
Endosulfan	6.0x10-3	IRIS	6.0x10-3	R-R ext.	—	—	—	—
Endrin	3.0x10-4	IRIS	3.0x10-4	IRIS	—	—	—	—
Toxaphene	—	—	—	—	1.1	IRIS	1.1	IRIS

[a] RfD = reference dose.
[b] Source = IRIS: EPA's Intergrated Risk Information System, NCEA, EPA's National Center for Environmental Assessment, HEAST: EPA's Health Effects Assessment Summary Tables.
[c] SF = Slope factor.
[d] Cadmium oral RfD used; based on ingestion from food rather than water.
[e] W/D = Withdrawn: Toxicity value withdrawn from IRIS or HEAST.
[f] Inhalation SF for chromium as 6:1 ratio of CrIII to CrVI.
[g] Mercury as mercuric chloride (oral) or elemental mercury (inhalation).
[h] Nickel as nickel (soluble salts).
[i] Thallium as thallium sulfate, chloride, or carbonate.
[j] Alpha and gamma chlordane as "technical grade" chlordane.
[k] PCB toxicity values taken from IRIS directly on 5/11/98; based on recommendations for application of "high risk and persistence."
[l] R-R ext.: Route-to-route extrapolation used to obtain route-specific toxicity value for organics if no other pathway value was available.

F-5.0 ECOLOGICAL SCOPING CHECKLIST

The checklist begins on the next page.

Part A—Scoping Meeting Documentation

Site ID	SWMU 0-030(g)
Form of site releases (solid, liquid, vapor). Describe all relevant known or suspected mechanisms of release (spills, dumping, material disposal, outfall, explosive testing, etc.) and describe potential areas of release. Reference locations on a map as appropriate.	Site was former septic tank and outfall associated with old Catholic Church on Canyon Rd. Releases would have been liquid from the septic tank as a result of leaks and would have been subsurface in nature. Releases at the outfall would have been from the discharge from the septic tank and to the surface. The septic tank discharge flowed downslope and eventually into Acid Canyon drainage.
List of Primary Impacted Media (Indicate all that apply.)	Surface soil – XX – impacted by discharges at the outfall. Surface water/sediment – X – potentially impacted from the discharge into the canyon; sediment in bottom of canyon and possibly surface water including ephemeral stream channel in bottom of canyon. Subsurface – XX –impacted only if the tank had leaked. Groundwater – Other, explain –
FIMAD vegetation class based on Arcview vegetation coverage (Indicate all that apply.)	Water – an ephemeral stream channel exists in bottom of Acid Canyon and flows eastward. It is located several hundred yards from outfall. Bare Ground/Unvegetated – Spruce/fir/aspen/mixed conifer – south slope of Acid Canyon supports this type community. Ponderosa pine – area on mesa top around the church building and the upper area above Acid Canyon. Piñon juniper/juniper savannah – Grassland/shrubland – Developed – area on mesa top partially developed with old Catholic Church, parking lot/driveway, and near Canyon Road.
Is T&E Habitat Present? If applicable, list species known or suspected to use the site for breeding or foraging.	The PRS is approximately 180 ft away from potential Mexican spotted owl nesting habitat and is entirely within an area in which the spotted owl can be conservatively assumed to forage at a medium frequency. It is also in the vicinity of potential peregrine falcon nesting habitat, approximately 1300 ft away and within an area in which the falcon can conservatively be assumed to forage at a relatively high frequency. The PRS is within an area in which the bald eagle is conservatively assumed to forage at a relatively low frequency.
Provide list of Neighboring/ Contiguous/ Up-gradient sites, include a brief summary of COPCs and form of releases for relevant sites and reference map as appropriate. (Use information to evaluate need to aggregate sites for screening.)	There are no PRSs in the immediate vicinity of 0-030(g). Other septic tank PRSs [0-030(h) and 0-030(f)] were located approximately 0.3 miles west and east, respectively, from 0-030(g). Neither of these PRSs contributed to or influenced the materials discharged at the 0-030(g) outfall. The COPCs at these PRSs were unknown so they were analyzed for metals, semivolatile and volatile organic chemicals, pesticides/PCBs, and radionuclides.
Surface Water Erosion Potential Information Summarize information from SOP 2.01, including the run-off subscore (maximum of 46); terminal point of surface water transport; slope; and surface water runon sources.	The Erosion Matrix score for this PRS is 47.2, with 16.7 for runoff [visible evidence of runoff discharging (5.0), runoff terminates at bench (9.5), and runoff in the form of sheet flow (2.2)] and 7.0 for run-on (natural drainages onto site) scores. The score also reflects it is within a bench of canyon (4.0), ground cover is 25-75% (6.5), and slope is >30% (13). No potential exists for soil erosion at this site. The runoff appears to terminate along in depression area located south of access road, which acts as a dam to prevent runoff from entering canyon approximately 50 ft north of road.

Part B—Site Visit Documentation

Site ID	**SWMU 0-030(g)**
Date of Site Visit	**6/30/99**
Site Visit Conducted by	**Richard Mirenda and Al Funk**

Receptor Information:

Estimate cover	Relative vegetative cover (high, medium, low, none) = medium at area around old Catholic Church, but high into Acid Canyon. Relative wetland cover (high, medium, low, none) = none on mesa top, low in Acid Canyon. Relative structures/asphalt, etc. cover (high, medium, low, none) = medium on mesa top, old Catholic Church has an asphalt parking lot/driveway and the building still remains.
Field notes on the FIMAD vegetation class to assist in ground-truthing the Arcview information	FIMAD has the area classified as developed. Site visit confirms that this PRS is within the developed area along Canyon Road. The surrounding area is ponderosa pine and mixed conifer forests.
Field notes on T&E Habitat, if applicable. Consider the need for a site visit by a T&E subject matter expert to support the use of the site by T&E receptors.	The septic tank was below the surface and in the middle of a developed area. This portion of the PRS does not provide any habitat for nesting or foraging for T&E species. Acid Canyon to the north provides some potential habitat for the Mexican spotted owl and for the peregrine falcon.
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 area around the old Catholic Church has several terrestrial receptors, including small mammals, insects, and birds. There was also limited gopher activity in some areas. Acid Canyon appears to have a variety of terrestrial receptors, which may include deer, small mammals, birds, etc. There is available habitat for foraging and nesting for terrestrial receptors but no burrowing activity was evident in the canyon. There is no permanent aquatic habitat present on the mesa top, but there is an ephemeral stream channel and flood plain in Acid Canyon.

Contaminant Transport Information:

Surface water transport Field notes on the erosion potential, including a discussion of the terminal point of surface water transport (if applicable).	The surface water runoff flows into Acid Canyon along the south slope. The terminal point is a depression area located south of access road, which acts as a dam to prevent runoff from entering canyon approximately 50 ft north of road. There probably has been some discharge and runoff into the canyon. There was no evidence of erosion into the canyon.
Are there any off-site transport pathways (surface water, air, or groundwater)? (yes/no/uncertain) Provide explanation	Surface water is the primary off-site transport pathway. Air transport via particulates or fugitive dust may be a possibility if contaminants have been deposited. Ground water is not a viable pathway because of the distance from the mesa top to the aquifer.
Interim action needed to limit off-site transport? (yes/no/uncertain) Provide explanation/ recommendation to project lead for IA SMDP.	No. The source has been removed as well as the drain line from the church building. There was no evidence of erosion into the canyon.

Ecological Effects Information:

Physical Disturbance (Provide list of major types of disturbances, including erosion and construction activities, review historical aerial photos where appropriate.)	Part of the mesa top portion is a developed area, with an asphalt parking/driveway and the old Catholic Church building. The area into the canyon does not appear to be physically disturbed.
Are there obvious ecological effects? (yes/no/uncertain) Provide explanation and apparent cause (e.g., contamination, physical disturbance, other).	The obvious ecological effects are related to the developed area. The outfall, drainage, and canyon areas do not have any obvious ecological effects.
Interim action needed to limit apparent ecological effects? (yes/no/uncertain) Provide explanation and recommendations to mitigate apparent exposure pathways to project lead for IA SMDP.	No. The source has been removed as well as the drain line from the septic tank.

No Exposure/Transport Pathways:

If there are no complete exposure pathways to ecological receptors onsite and no transport pathways to offsite receptors, the remainder of the checklist should not be completed. Stop here and provide additional explanation/justification for proposing an ecological No Further Action recommendation (if needed). At a minimum, the potential for future transport should include likelihood that future construction activities could make contamination more available for exposure or transport. The septic tank was located approximately 2 ft below the surface and was 6.5 ft deep. Similarly, the drainline was placed within the tuff several feet below the surface. Therefore, the areas beneath the septic tank and the drainline do not have any ecological receptors and there are no complete pathways to receptors. Based on these conditions, this portion of SWMU 0-030(g) was not evaluated for potential ecological risk.

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. Samples were collected from the beneath the septic tank and drain line, at the outfall, and down the drainage into Acid Canyon. Additional samples have been collected from the mesa top and in Acid Canyon as confirmation of the remedial activities and to determine the extent of contamination.
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 aggregated to characterize potential ecological risk.)	Yes. The primary pathway was surface water runoff into the drainage. Samples collected from the outfall and drainage addressed this potential pathway.

Part C—Ecological Pathways Conceptual Exposure Model

Question A:

Could soil contaminants reach receptors via vapors?

Volatility of the hazardous substance (volatile chemicals generally have Henry's Law constant $>10^{-5}$ atm-me/mol and molecular weight <200 g/mol).

Answer (likely/unlikely/uncertain): Unlikely

Provide explanation: Acetone was detected in the drainage in only one sample at a concentration near the EQL.

Question B:

Could the soil contaminants reach receptors through fugitive dust carried in air?

Soil contamination would have to be on the actual surface of the soil to become available for dust.

In the case of dust exposures to burrowing animals, the contamination would have to occur in the depth interval where these burrows occur.

Answer (likely/unlikely/uncertain): Likely

Provide explanation: Releases at the outfall and in the drainage may be available to receptors via fugitive dust or particulates.

Question C:

Can contaminated soil be transported to aquatic ecological communities (use SOP 2.01 run-off score and terminal point of surface water runoff to help answer this question)?

If the SOP 2.01 run-off score* for each 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: The runoff score was 16.7 indicating a low potential for runoff from the site. The outfall discharged into Acid Canyon and contaminants may have reached the ephemeral stream channel via the discharge and/or storm water.

Question D:

Is contaminated groundwater potentially available to biological receptors through seeps or springs or shallow groundwater?

Known or suspected presence of contaminants in groundwater.

The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.

Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).

Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.

Answer (likely/unlikely/uncertain): Unlikely

Provide explanation: Seeps and springs are not present in the canyon area where the outfall discharged.

Question E:

Is infiltration/percolation from contaminated subsurface material a viable transport and exposure pathway?

Suspected ability of contaminants to migrate to groundwater.

The potential for contaminants to migrate via groundwater and discharge into habitats and/or surface waters.

Contaminants may be taken up by terrestrial and rooted aquatic plants whose roots are in contact with groundwater present within the root zone (~1 m depth).

Terrestrial wildlife receptors generally will not contact groundwater unless it is discharged to the surface.

Answer (likely/unlikely/uncertain): Unlikely

Provide explanation: Contaminants are not very mobile and ground water is several hundred feet below the surface.

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: Erosion was not evident and was determined to have a low potential in the surface water assessment. Although the outfall is near the mesa edge, the canyon slope appears to be stable and no evidence of mass wasting was found. Therefore, there is no potential for release of contaminants from the subsurface and contaminants were at the surface in the outfall area.

Question G:

Could airborne contaminants interact with receptors through respiration of vapors?

Contaminants must be present as volatiles in the air.

Consider the importance of inhalation of vapors for burrowing animals.

Foliar uptake of organic vapors is typically not a significant exposure pathway.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 1

Terrestrial Animals: 1

Provide explanation: Only acetone was detected at a very low concentration.

Question H:

Could airborne contaminants interact with plants through deposition of particulates or with animals through inhalation of fugitive dust?

Contaminants must be present as particulates in the air or as dust for this exposure pathway to be complete.

Exposure via inhalation of fugitive dust is particularly applicable to ground-dwelling species that would be exposed to dust disturbed by their foraging or burrowing activities or by wind movement.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 1

Terrestrial Animals: 1

Provide explanation: There was no burrowing activity noted in the drainage or canyon. Canyon area is protected from the wind and well vegetated.

Question I:

Could contaminants interact with plants through root uptake or rain splash from surficial soils?

Contaminants in bulk soil may partition into soil solution, making them available to roots.

Exposure of terrestrial plants to contaminants present in particulates deposited on leaf and stem surfaces by rain striking contaminated soils (i.e., rain splash).

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 0

Provide explanation: Surface not contaminated.

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: 0

Provide explanation: Surface was not contaminated.

Question K:

Could contaminants interact with receptors via incidental ingestion of surficial soils?

Incidental ingestion of contaminated soil could occur while animals grub for food resident in the soil, feed on plant matter covered with contaminated soil or while grooming themselves clean of soil.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: Surface not contaminated.

Question L:

Could contaminants interact with receptors through dermal contact with surficial soils?

Significant exposure via dermal contact would generally be limited to organic contaminants that are lipophilic and can cross epidermal barriers.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 0

Provide explanation: Surface not contaminated.

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: Gamma-emitting radionuclides were not detected.

Question N:

Could contaminants interact with plants through direct uptake from water and sediment or sediment rain splash?

Contaminants may be taken-up by terrestrial plants whose roots are in contact with surface waters.

Terrestrial plants may be exposed to particulates deposited on leaf and stem surfaces by rain striking contaminated sediments (i.e., rain splash) in an area that is only periodically inundated with water.

Contaminants in sediment may partition into soil solution, making them available to roots.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Plants: 2

Provide explanation: Some contaminants may be available to receptors via these pathways in the canyon. The canyon is well vegetated and not likely to produce much in the way of fugitive dust or particulates. However, there is the potential for contaminants to be taken up by plants via roots as well as rain splash.

Question O:

Could contaminants interact with receptors through food web transport from water and sediment?

The chemicals may bioconcentrate in food items.

Animals may ingest contaminated food items.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 2

Provide explanation: PCBs, DDT and metabolites, mercury, and isotopic uranium are potential bioaccumulators and may be ingested by animals. However, concentrations were low in the canyon.

Question P:

Could contaminants interact with receptors via ingestion of water and suspended sediments?

If sediments are present in an area that is only periodically inundated with water, terrestrial receptors may incidentally ingest sediments.

Terrestrial receptors may ingest water-borne contaminants if contaminated surface waters are used as a drinking water source.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Terrestrial Animals: 2

Provide explanation: Contaminants were detected in the bottom of the canyon in material that may be either soil or sediment. A portion of this area is probably periodically inundated with water from storm water or snowmelt and may be available via incidental ingestion by terrestrial receptors. Contaminants may also have reached the ephemeral stream channel, but the concentrations are much lower in this area.

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: 1

Provide explanation: Some lipophilic chemicals were detected and may be taken up through the skin. However, this pathway is considered unlikely because of the presence of fur and feathers and because the concentrations are small.

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: No gamma-emitting radionuclides were detected.

Question S:

Could contaminants bioconcentrate in free floating aquatic, attached aquatic plants, or emergent vegetation?

Aquatic plants are in direct contact with water.

Contaminants in sediment may partition into pore water, making them available to submerged roots.

Provide quantification of exposure pathway (0=no pathway, 1=unlikely pathway, 2=minor pathway, 3=major pathway):

Aquatic Plants/Emergent Vegetation: 0

Provide explanation: No aquatic vegetation present in or along the ephemeral stream channel.

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 receptors present in the ephemeral stream channel.

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 receptors present in the ephemeral stream channel.

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):

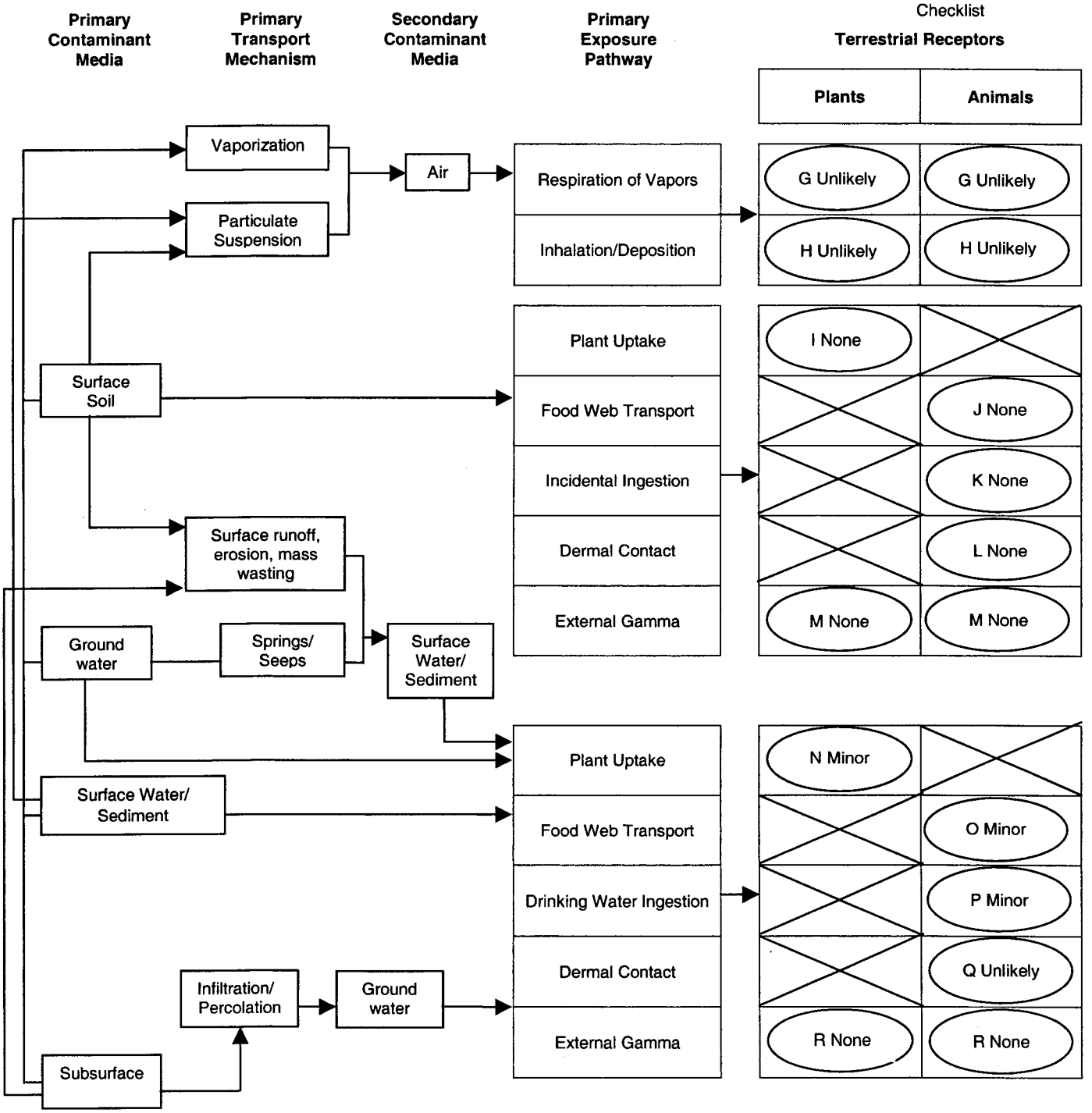
Aquatic Plants: 0

Aquatic Animals: 0

Provide explanation: No gamma-emitting radionuclides were detected.

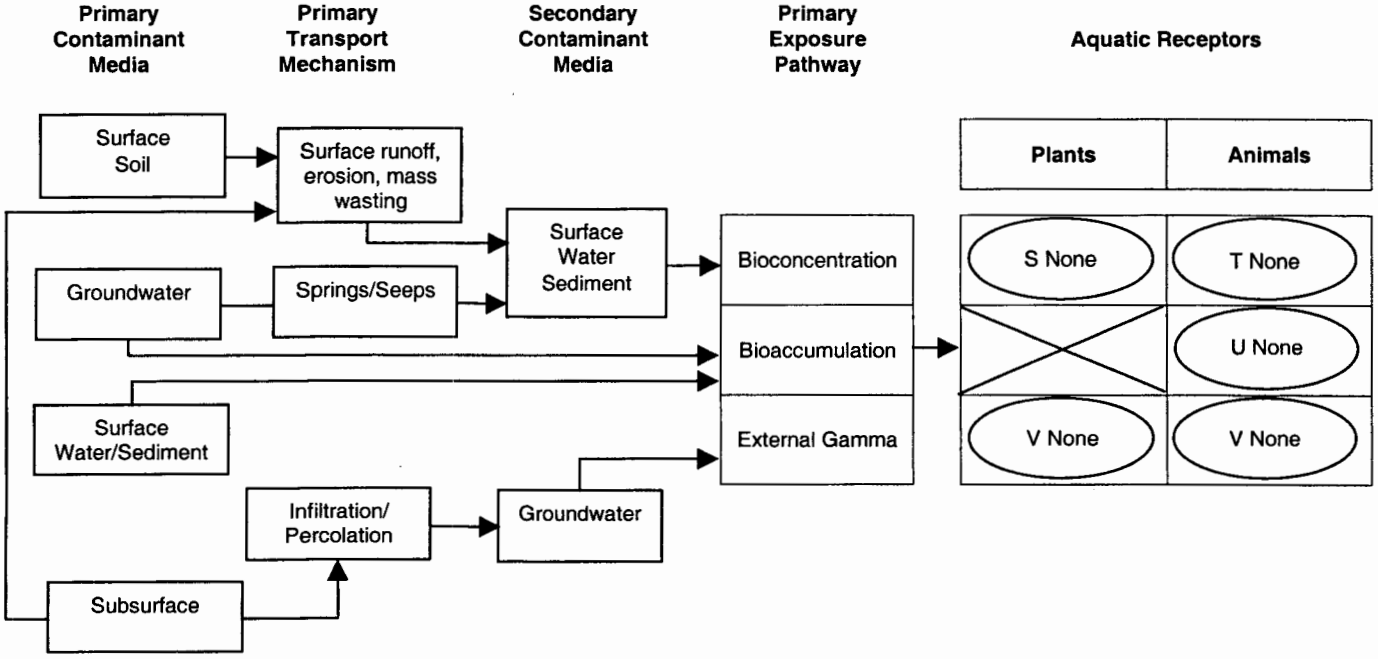
Ecological Scoping Checklist
Terrestrial Receptors
Ecological Pathways Conceptual Exposure Model

NOTE:
Letters in circles refer to questions on the Scoping Checklist



NOTE:
Letters in circles refer to questions on the Scoping Checklist

Ecological Scoping Checklist
Aquatic Receptors
Ecological Pathways Conceptual Exposure Model



Signatures and certifications:

Checklist completed by (provide name, organization and phone number):

Name (printed): Richard Mirenda, Ph.D.
Name (signature): Richard Mirenda
Organization: MK/PMC
Phone number: (505)662-1329

Date Completed: **8/26/99**

Verification by a member of ER Project Ecological Risk Task Team (provide name, organization and phone number):

Name (printed): Lars Soholt, Ph.D.
Name (signature): Lars P. Soholt
Organization: E/ER
Phone number: (505)667-2256

Appendix G

Administrative History of SWMU

Table G-1.0
Summary of Administrative History for PRS 0-030(g)

Date	Document	ER ID No.
5/92	EPA approved RFI Work Plan for OU 1071. Documents the investigative approach to PRS 0-030(g).	07667
9/12/95	LANL ER submits RFI Report recommending PRS 0-030(g) for NFA.	51983
7/1/96	HWB issues NOD that outlines deficiencies, including conducting an Ecological Risk Assessment using NMED guidance within 90 days of issuance of final Ecological Risk Assessment guidance.	62509
3/6/97	LANL ER agrees to conduct and submit an Ecological Risk Assessment within 90 days of receiving final NMED guidance.	55502
5/12/98	HWB issues a RSI that requires a SAP to collect additional confirmation samples and conduct both human health and ecological assessments.	58199
6/10/98	LANL ER submits a RSI response that agrees to prepare a SAP, conduct fieldwork, and submit report that includes human health and ecological assessments.	59652
6/29/98	Approval of RFI Report upon Modification. HWB outlines modifications required to finalize approval of RFI report as part of Approval upon Modification.	59579
7/29/98	LANL submits SAP as requested in Approval upon Modification, to define nature and extent of contamination.	59637
8/7/98	NMED issues RSI for the July 29, 1998 Mesa Top SAP	59907
8/14/98	LANL submits response to NMED RSI for Mesa Top SAP. Revised SAP included as an attachment.	59917
11/19/98	LANL submits status report for work conducted on mesa-top. HWB finds status report to be deficient. Two meetings are held at HWB office to resolve deficiencies.	62529
12/23/98	LANL submits revised status report incorporating comments and guidance received at the previous meetings. Revised report includes confirmation sample results beneath the septic tank and drainlines.	62811
2/9/99	LANL receives draft comments from HWB regarding deficiencies in the 0-030(g) revised status report and original RFI report. HWB concurs with findings and conclusions regarding septic tank area only. HWB states that lack of definition of rate and extent beneath former drainline must be addressed in the SAP and final RFI Report.	63058
2/19/99	LANL submits SAP for PRS 0-030(g) outfall drainage area.	63027
4/8/99	LANL receives RSI from NMED regarding PRS 0-030(g) SAP for outfall drainage area sampling.	63196
4/28-5/6/99	LANL drafts letter to HWB reiterating conclusions from revised status report.	63174
5/6/99	LANL responds to NMED RSI for the PRS 0-030(g) SAP for the outfall drainage area sampling.	63232
11/4/99	LANL submits revision to response to RSI for PRS 0-030(g) SAP.	65055
2/29/00	NMED approves revision to response to RSI for PRS 0-030(g) SAP.	63332
TBD	LANL submits final RFI Report for PRS 0-030(g) to HWB.	TBD