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Date: April 15, 1996
Refer to: EM/ER:96-209

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Mr. David Neleigh
NM Federal Facilities Section
EPA, Region 6, 6PD-N
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SUBJECT: SUBMITTAL OF THE RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION (RFI) REPORT ADDENDUM FOR POTENTIAL RELEASE SITES (PRSs) AT TECHNICAL AREAS (TAs) 18 AND 27

Dear Mr. Neleigh:

Enclosed is the Los Alamos National Laboratory's RFI Report Addendum concerning PRSs 18-002(a-c), 18-003(a-h), 18-004(a,b), 18-005(a), 18-008, 18-010(b-f), 18-011, 18-012(a-c), 18-013, and 27-002. This is an addendum to the RFI Report submitted in October of 1995. This RFI Report documents field work performed at TAs 18 and 27, detailed in the approved RFI Work Plan for Operable Unit 1093.

Please ask your office to contact Gene Gould or Everett Trollinger of our staff at (505) 667-0402 or (505) 667-5801, respectively, if you have any questions.

Sincerely,

Jorg Jansen, Program Manager
Environmental Restoration

Sincerely,

Theodore J. Taylor, Program Manager
Los Alamos Area Office

JJ/TT/el

Enclosure: Two Copies of RFI Report Addendum for PRS's 18-002(a-c), 18-003(a-h), 18-004(a,b), 18-005(a), 18-008, 18-010(b-f), 18-011, 18-012(a-c), 18-013, and 27-002

1490

CERTIFICATION

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

Document Title: Submittal of the Resource Conservation and Recovery Act Facility Investigation (RFI) Report Addendum for Potential Release Sites (PRSs) at Technical Areas (TAs) 18 and 27

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Environment Restoration Program
DOE-Los Alamos Area Office

ADDENDUM
RFI Report For
Potential Release Sites

18-002(a,b)
18-003(a-h)
18-004(a,b)
18-005(a)
18-008
18-010(b-f)
18-011
18-012(a-c)
18-013
27-002
PCO Wells
LACEF Monitoring Wells
Wetlands

RECEIVED
APR 22 1996

(located in former Operable Unit 1093)

Field Unit 2
Environmental Restoration Project

Prepared for Los Alamos National Laboratory
by
ICF Kaiser Engineers, Inc.
Los Alamos, New Mexico

April 15, 1996

EXECUTIVE SUMMARY

Purpose

This report presents a review of radionuclide data produced by site investigations at Technical Area (TA)-18 and TA-27 in former Operable Unit (OU) 1093. A review of all chemical data is presented in the October 1995 RFI Report for this operable unit. These investigations were conducted as part of the Los Alamos National Laboratory's (Laboratory) Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI) performed in compliance with the RCRA corrective action program. Forty-six potential release sites (PRSs), from which radioactive constituents or RCRA hazardous constituents may have been released to the environment, are located in TA-18 and former TA-27 (now part of TA-36) (Figure ES-1). The potential release of radioactive constituents is included in the RFI even though such releases are not regulated by RCRA. Twenty-one of these PRSs were originally listed in the Hazardous and Solid Waste Amendments (HSWA) module of the Laboratory's RCRA Part B permit. One PRS [18-002(c)] was removed from the permit, and three additional PRSs [18-004(b) and 18-012(a and b)] have since been added to the permit.

The RFI Work Plan for Operable Unit 1093 (LANL 1993, 1085) proposed a finding of no further action (NFA) or deferred RFI for 14 of the 46 PRSs and field investigations for the remaining 32 sites. RFI results for six of these PRSs, five of which were proposed for NFA and one for expedited cleanup, were presented in a previous RFI Report issued in January 1995 (Environmental Restoration Project 1995, 1255). This report addresses the remaining 26 sites.

This report addresses the following PRS types:

- active and inactive septic tanks and associated drainfields;
- sumps, catch tanks, and associated drains;
- an underground storage tank;
- abandoned firing sites and associated structures;
- surface soil contamination associated with former structures; and
- storm drain outfalls

The RFI was performed to determine if chemicals of potential concern (COPC) have been released to the environment at these sites and, if so, the nature of any threat to human health or the environment. This addendum to the RFI report presents conclusions resulting from the review of both chemical and radionuclide data.

Site Description

OU 1093 consists primarily of TA-18 and the portion of Pajarito Canyon that runs eastward from TA-18 to State Road 4 at White Rock, New Mexico (Figure ES-1). During the 1940s, nuclear criticality research was conducted at TA-18, and both TAs-18 and -27 were used for implosive firing tests. Since the end of the Manhattan Project in the mid-1940s, TA-18 has continued to be involved with nuclear criticality research. Operations at TA-27 were discontinued in the late 1940s.

Field Investigations

The field work and data analysis described in this report were formulated in the RFI Work Plan for OU 1093 (LANL 1993, 1085). Field work was conducted during 1993 and 1994. Samples of various media, including waste material, surface and subsurface soil, sediment, and groundwater, were collected at the PRSs addressed in this report. The samples were submitted to analytical laboratories for analysis of the

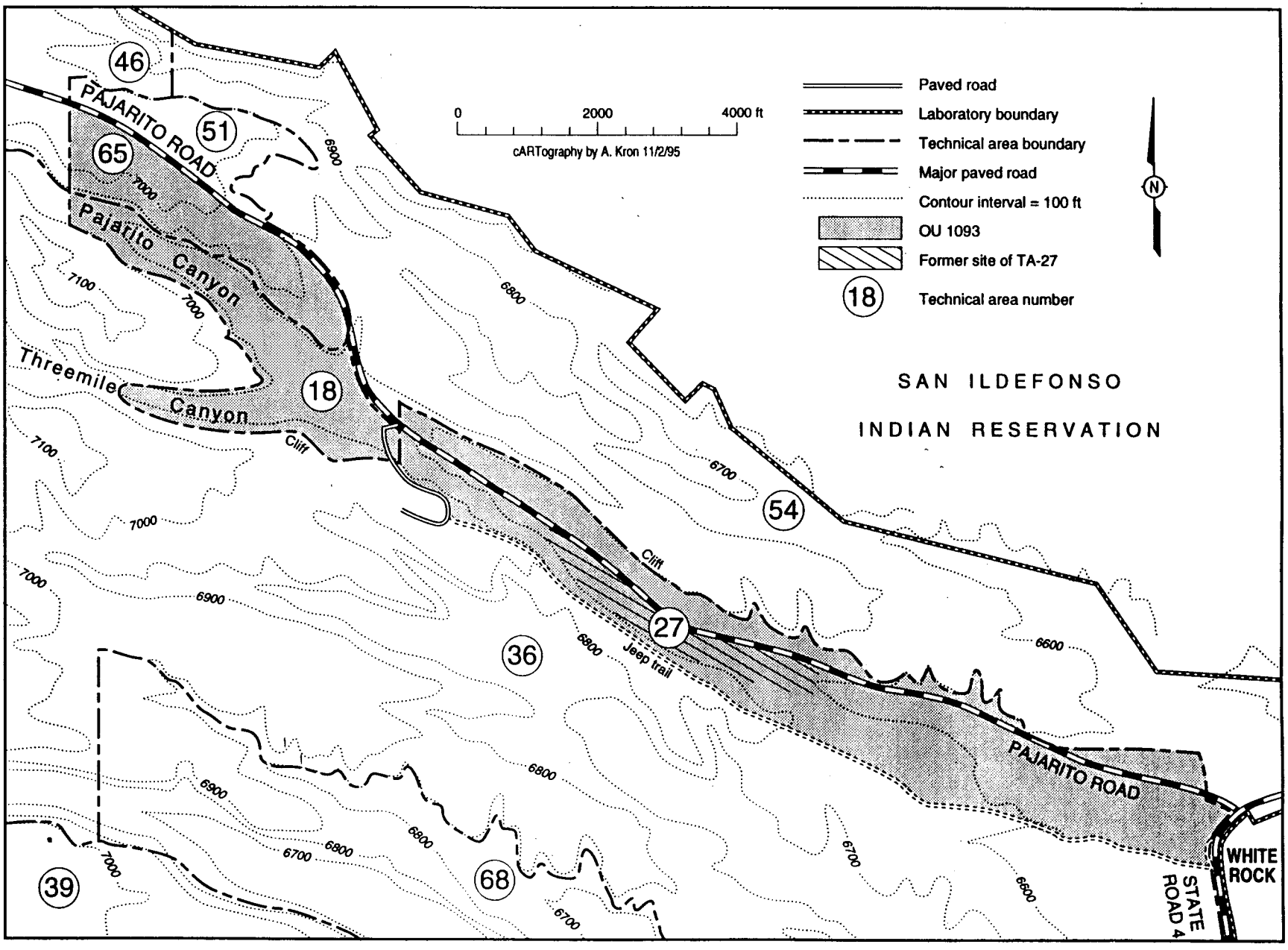

Figure ES-1. Location of Operable Unit 1093.

respective COPCs. The COPCs at sites within OU 1093 are comprised of volatile and semi-volatileorganic compounds; high explosives compounds; various metals, such as lead, mercury, or silver; and radioactive elements, including uranium, thorium, and plutonium.Before sampling was conducted, geophysical investigations (using ground-penetrating radar) were conducted at some sites to better define the location of subsurface structures. Sample locations generally were selected to represent locations where contamination, if present, could be expected to be highest (e.g., in drainage channels downgradient from PRSs, in surface soils immediately adjacent to former structures, or beneath inflow or outflow pipes for subsurface tanks). At some sites, biasing of sampling locations was also achieved by conducting field surveys with radiation monitoring instruments or by collecting field screening samples for analysis in quick-turnaround mobile laboratory facilities. The field work and subsequent sample analyses conformed with the RFI work plan with a few exceptions, which are noted in the respective sections of this report.

Sampling was also performed at several locations not associated with specific PRSs:

- Monitoring wells, which had been constructed before the start of the RFI, were sampled during the RFI. These wells downgradient from TA-18 provide an overview of any contamination that may have been introduced to the shallow aquifer by operations at TA-18 or other upstream areas.
- Two background wells were constructed upgradient from TA-18 to provide data on concentrations of COPCs in soil and groundwater at a location unaffected by operations at TA-18.
- Finally, sampling sites were selected in wetland areas both east and west of TA-18 to determine the presence of COPCs in sediments and surface water. These wetlands provide an area for potential accumulation of any contamination transported in surface or groundwater.

Conclusions And Recommendations

Table ES-1 identifies the proposed actions at each investigated PRS, based on a review of both chemical and radionuclide data. Nearly all PRSs addressed in this report are proposed for NFA because no COPCs were detected above the screening action level (SAL) at these sites. At several sites, COPCs were present at concentrations above the SAL but below cleanup levels.

Five PRSs associated with septic systems are proposed for future accelerated cleanup because of the presence of hazardous constituents within the tanks that could be released to the environment; an expedited cleanup was performed at one septic system [PRS 18-003(e)] during the summer of 1995. Two PRSs, a former waste collection tank and an underground storage tank, could not be located for sampling, and because no release is known to have occurred, are proposed for NFA. These conclusions are the same as those presented in the October 1995 RFI report; no changes in the conclusions resulted from a review of the radionuclide data.

The approach to evaluating ecological risk is under review by the Laboratory, the New Mexico Environment Department, and EPA. Ecological risk was evaluated for hazardous chemicals in the RFI report and was not sufficiently high at any single PRS to require cleanup activities. The ecological risk from radionuclides is not evaluated in this addendum. The integrated effects of the several sites, from both chemical and radioactive COPCs, may be investigated in future ecological investigations.

Sampling of the monitoring wells and wetland areas east of TA-18 did not indicate the presence of contamination that is directly attributable to activities at TA-18 or former TA-27. Shallow groundwater quality is good throughout the investigation area, but there is a tendency for decreasing quality downgradient. Sampling of the background wells revealed the presence of high explosive compounds at concentrations below SALs; these compounds were detected at numerous other wells within and east of TA-18 and at wetland sampling locations.

TABLE ES-1 (revised)
SUMMARY OF RFI RESULTS AND INTERIM PROPOSED ACTIONS

PRS	HSWA SWMU	NFA	Accelerated Cleanup	Rationale
Septic Tanks				
18-003(a)	X		X	Hazardous/radioactive constituents in septic tank
18-003(b)	X		X	Hazardous/radioactive constituents in septic tank
18-003(c)	X		X	Hazardous/radioactive constituents in septic tank
18-003(d)	X		X	Hazardous/radioactive constituents in septic tank
18-003(e)	X		August 1995	Hazardous/radioactive constituents in septic tank
18-003(f)	X	X		COPCs do not present unacceptable risk
18-003(g)	X	X	X	Hazardous/radioactive constituents in septic tank
18-003(h)	X	X		No COPCs present
Sumps, Tanks, and Drains				
18-004(a)	X	X		No COPCs present
18-004(b)	X	X		PRS could not be located
18-012(a)	X	X		No COPCs present
18-012(b)	X	X		COPCs do not present unacceptable risk
18-012(c)		X		No COPCs present
18-013		X		COPCs do not present unacceptable risk
Underground Storage Tank				
18-008		X		PRS could not be located
Firing Sites				
18-002(a)	X	X		COPCs do not present unacceptable risk
18-002(b)	X	X		COPCs do not present unacceptable risk
18-002(c)		X		COPCs do not present unacceptable risk
27-002	X	X		COPCs do not present unacceptable risk
Soil Contamination Sites				
18-005(a)	X	X		No COPCs present
18-011		X		No COPCs present
Storm Drains				
18-010(b)		X		No COPCs present
18-010(c)		X		No COPCs present
18-010(d)		X		No COPCs present
18-010(e)		X		No COPCs present
18-010(f)		X		No COPCs present

TABLE OF CONTENTS

EXECUTIVE SUMMARY i

1.0 INTRODUCTION 1-1

2.0 ENVIRONMENTAL SETTING 2-1

3.0 APPROACH TO DATA ASSESSMENT AND ANALYSIS 3-1
3.1 Summary of the QA/QC Assessment 3-1
3.1.1 Radionuclides 3-1
3.2 Screening Assessment Methodology 3-2
3.2.1 Background Data Comparison 3-2
3.2.2 Screening Action Levels Comparison/Other Standards 3-3
3.2.3 Multiple Chemical Analysis 3-4
3.3 Ecotoxicological Screening Assessment Methodology 3-4
3.4 Risk Assessment Methodology 3-5
3.5 Development of Conclusions and Recommendations 3-5

4.0 SITE-SPECIFIC RESULTS, CONCLUSIONS, AND RECOMMENDATIONS 4-1
4.1 Septic Systems 4-1
4.1.1 PRSs 18-003(a and b) 4-1
4.1.2 PRS 18-003(c) 4-11
4.1.3 PRS 18-003(d) 4-16
4.1.4 PRS 18-003(e) 4-20
4.1.5 PRS 18-003(f) 4-20
4.1.6 PRS 18-003(g) 4-24
4.1.7 PRS 18-003(h) 4-28
4.2 Sumps, Tanks, and Drains 4-30
4.2.1 PRSs 18-004(a and b) 4-30
4.2.2 PRS 18-012(a) 4-31
4.2.3 PRS 18-012(b) 4- 33
4.2.4 PRS 18-012(c) 4-35
4.2.5 PRS 18-013 4-37
4.3 Underground Storage Tank 4-40
4.3.1 PRS 18-008 4-40
4.4 Firing Sites 4-41
4.4.1 PRS 18-002(a) 4-41
4.4.2 PRSs 18-002(b and c) 4-45
4.4.3 PRS 27-002 4-50

TABLE OF CONTENTS
(concluded)

4.5 Sites with Potentially Contaminated Soil 4-57
4.5.1 PRS 18-005(a) 4-57
4.5.2 PRS 18-011 4-58
4.6 Storm Drains 4-59
4.6.1 PRS 18-010(b) 4-59
4.6.2 PRS 18-010(c) 4-62
4.6.3 PRS 18-010(d) 4-64
4.6.4 PRS 18-010(e) 4-66
4.6.5 PRS 18-010(f) 4-68
4.7 Groundwater Sampling 4-70
4.7.1 PCO Wells 4-70
4.7.2 LACEF Monitoring Wells 4-73
4.8 Wetlands 4-79

APPENDIX D Sampling Data D-1

APPENDIX E Methodologies for Development of Site-Specific Preliminary Remediation Goals E-1

LIST OF FIGURES

ES-1 Location of Operable Unit 1093 ii

4-2 Sample locations and results of screening assessment for PRSs 18-003(a and b) 4-2
4-3 Sample locations and results of screening assessment for PRS 18-003(c) 4-12
4-4 Sample locations and results of screening assessment for PRS 18-003(d) 4-17
4-5 Sample locations and results of screening assessment for PRS 18-003(f) 4-21
4-6 Sample locations and results of screening assessment for PRSs 18-003(g and h) 4-25
4-9 Sample locations and results of screening assessment for PRS 18-012(a) 4-32
4-10 Sample locations and results of screening assessment for PRS 18-012(b) 4-34
4-11 Sample locations and results of screening assessment for PRS 18-012(c) 4-36
4-12 Sample locations and results of screening assessment for PRS 18-013 4-38
4-15 Sample locations and results of screening assessment for PRS 18-002(a) 4-42
4-16 Sample locations and results of screening assessment for PRSs 18-002(b and c) 4-46
4-17 Sample locations and results of screening assessment for PRS 27-002 4-51
4-22 Sample locations and results of screening assessment for PRS 18-010(b) 4-60
4-23 Sample locations and results of screening assessment for PRS 18-010(c) 4-63
4-24 Sample locations and results of screening assessment for PRS 18-010(d) 4-65
4-25 Sample locations and results of screening assessment for PRS 18-010(e) 4-67
4-26 Sample locations and results of screening assessment for PRS 18-010(f) 4-69
4-28 Sample locations and results of screening assessment for PCO wells 4-71
4-29 Sample locations and results of screening assessment for LACEF monitoring wells 4-74
4-31 Sample locations and results of screening assessment for WL-1 and WL-3 4-80
4-32 Sample locations and results of screening assessment for WL-4 and WL-5 4-81
4-33 Sample locations and results of screening assessment for WL-6, WL-7, and WL-8 4-82

LIST OF TABLES

ES-1 Summary of RFI Results and Interim Proposed Actions - (revised) iv

3-1 Maximum Detected Values from the Background Wells 3-3

4-4 Data Comparison for PRS 18-003(a) 4-5
4-6 Data Comparison for PRS 18-003(b) 4-6
4-6A Multiple Chemical Analysis PRS 18-003(b) 4-8
4-7 Summary of Retained COPCs - PRS 18-003(a) - (revised) 4-9
4-8 Summary of Retained COPCs - PRS 18-003(b) - (revised) 4-10
4-12 Data Comparison for PRS 18-003(c) 4-14
4-13 Multiple Chemical Analysis - PRS 18-003(c) 4-15
4-14 Summary of Retained COPCs - PRS 18-003(c) - (revised) 4-15
4-16 Data Comparison for PRS 18-003(d) 4-18
4-17 Multiple Chemical Analysis - PRS 18-003(d) 4-19
4-21 Data Comparison for PRS 18-003(f) 4-23
4-24 Data Comparison for PRS 18-003(g) 4-27
4-26 Data Comparison for PRS 18-003(h) 4-29
4-38 Data Comparison for PRS 18-013 4-39
4-39 Multiple Chemical Analysis - PRS 18-013 4-39
4-42A Data Comparison for PRS 18-002(a) 4-44
4-43A Summary of Data Usability Problems for PRS 18-002(b) 4-48
4-44 Data Comparison for PRS 18-002(b) 4-48
4-45 Multiple Chemical Analysis - PRS 18-002(b) 4-49
4-48 Summary of Data Usability Problems for PRS 27-002 4-53
4-49 Data Comparison for PRS 27-002 4-54
4-50 Multiple Chemical Analysis - PRS 27-002 4-56
4-55 Data Comparison for PRS 18-010(b) 4-61
4-75 Summary of Data Usability Problems for the PCO Wells 4-72
4-76 Data Comparison for PCO Wells 4-72
4-77 Summary of Data Usability Problems for LACEF Monitoring Wells 4-76
4-78 Data Comparison for LACEF Monitoring Wells 4-77
4-79 Multiple Chemical Analysis - LACEF Monitoring Wells 4-78
4-79A Multiple Chemical Analysis - Wetlands 4-83
4-83 Data Comparison for Wetlands 4-84

E-1 Site-Specific Exposure Parameters for Resrad E-2

1.0 INTRODUCTION

The Resource Conservation and Recovery Act (RCRA) Facility Investigations (RFI) Report for former Operable Unit 1093, issued in October 1995 (Environmental Restoration Project 1995, 1283), addressed site investigations performed at 26 potential release sites (PRSs) located in Technical Area (TA)-18 and former TA-27 at Los Alamos National Laboratory. Soil and groundwater samples collected at these PRSs, as well as from monitoring wells and wetland areas, were analyzed for all potential contaminants, including both radionuclides and RCRA-regulated constituents. However, at the time the report was prepared, data from radionuclide analysis were not fully available and were, therefore, not included in the report. This addendum to the RFI report presents the radionuclide data and an assessment of their significance with respect to human health and ecological effects of the measured concentrations.

This addendum is not a stand-alone document and is intended to be read in conjunction with the RFI report. To facilitate the reader's use of the document, the addendum retains the same chapter and section numbering system as the RFI report. However, only material specifically relevant to the radionuclide data is presented. Site descriptions and discussion of the investigations presented in the RFI report are directly applicable to the radionuclide data and are not repeated in this addendum. Whenever the review of the radionuclide data did not affect the text in a section, a notation is made to that effect.

For completeness, the conclusions and recommendations presented in this addendum incorporate the review of both the chemical data presented in the RFI report and the radionuclide data addressed in this addendum.

2.0 ENVIRONMENTAL SETTING

No additions to text.

3.0 APPROACH TO DATA ASSESSMENT AND ANALYSIS

Data assessment and analysis of the radionuclide data for the OU 1093 PRSs described in this addendum includes the same series of steps—the field investigation, chemical analyses, and data reporting—that were followed for the rest of the RFI and described in the RFI report dated October 1995 (Environmental Restoration Project 1995, 1283).

3.1 Summary of the QA/QC Assessment

Samples were collected, processed, and analyzed in the same manner as described in the RFI report. The quality assurance objectives for measured data of precision, accuracy, representativeness, completeness, and comparability are based on the Laboratory Quality Program Plan for Environmental Restoration Activities (LANL 1991, 0840).

The analytical data were first validated using the results of the quality assurance/quality control (QA/QC) sample to determine whether individual results can be reliably used to support the decision-making process. During this process, the data were either unqualified or were qualified as one of the following:

- estimated undetected (UJ)
- estimated (J)
- unusable (R)

The data assessment process was designed to determine if the data usability was affected by QA/QC procedural problems (e.g., contamination, bias resulting from percent recoveries outside control limits, or instrument error). The QA/QC data associated with the radionuclides indicated that the majority of the analytical data were acceptable and defensible. Descriptions of the QA/QC problems that affected data usability are provided in conjunction with the data comparisons for each PRS in Section 4.0.

The QA/QC problems associated with the radionuclide data did not affect the usability of the majority of the data. Some problems involved percent recoveries in the blind QC samples or matrix spikes that were outside of the acceptable limits, which resulted in the data being qualified either as J or R. In addition, lifetime decay values were occasionally below the acceptable value, resulting in qualified data.

3.1.1 Radionuclides

Radionuclide data received from the analytical laboratory were evaluated for the presence of DOE-introduced radionuclides. The evaluation process examines each reported radionuclide based on its origin (i.e., whether it is naturally occurring or man-made). The natural radionuclides of cosmic or primordial origin (e.g., potassium-40) are identified first and are usually eliminated from further consideration unless their activity amounts are abnormally high. Radionuclides that belong to the three existing natural radioactive decay series are also eliminated unless the activity levels are significantly higher than background values.

The environmental legacy of former atmospheric nuclear weapons' testing includes the man-made radionuclides tritium, cobalt-60, and isotopes of uranium, neptunium, plutonium, and americium. Depleted uranium (DU), which is 99.75% uranium-238, is also considered man-made because it has been depleted of most of its uranium-234 and -235 in the gaseous diffusion process and has been widely used in a variety of experiments at the Laboratory since 1945. Uranium, as reported in this RFI report, is considered to be primarily DU, based on site history and activities. Enriched uranium is also considered man-made for this investigation. Other man-made radionuclides may be present in limited quantities as the products of fission, corrosion, or activation processes at certain DOE sites.

To determine whether the sample value represents a significant amount of radioactivity, a term called the decision amount (DA) is used. The DA is defined in ANSI N 13.30, Draft American National Standard for

Performance Criteria for Radiobioassay (ANSI 1989, 1319) as the level that only 5% of the background counts would erroneously be called positive (i.e., 95% of the background counts will be <DA). A widely accepted approximation of the ANSI standard is 3σ, which is derived by multiplying the uncertainty value (σ) for an analyte by 3. If the sample value is less than or equal to the 3σ value, the analyte is considered to be undetected and is not used in the screening process. Sample values greater than the 3σ value are considered to be positive and are compared with background upper tolerance levels (UTLs) and screening action levels (SALs).

3.2 Screening Assessment Methodology

In this investigation, a screening assessment of potential human health risks was done for all appropriate radionuclides to determine the chemicals of potential concern (COPC). The human health screening assessment consists of three simple data comparisons:

- A comparison of detected radionuclides with either background UTLs or site-specific background values.
- Comparison with SALs (if available).
- Analyses of the effects of combined analytes (multiple chemical analysis [MCA], also known as multiple chemical evaluation).

After each comparison, the analyte is either eliminated from further evaluation or proceeds to the next comparison. Those chemicals that remain after the comparison with SALs or the MCA are retained as COPCs for that site. Analytes for which no SAL exists are conservatively retained as COPCs. For the purposes of the comparison, field duplicates are regarded as separate samples and are each subjected to the comparison(s). However, for laboratory duplicates, only the maximum value for an analyte is submitted.

A detailed discussion of the screening assessment methodology is provided in the guidance document, Risk-Based Corrective Action Process (LANL/SNL 1996, 1277).

3.2.1 Background Data Comparison

Once the data validation/assessment process is complete, the man-made radionuclides are identified, and the 3σ comparison is complete, the remaining data are compared to available background concentrations to determine if chemicals that have natural or anthropogenic background distributions should be retained as COPCs or eliminated from further consideration. Background data are available from two sources:

- Soil samples collected throughout Los Alamos County for which chemical analyses were performed for certain inorganic (metal) chemicals and radioactive chemicals (Longmire et al. 1995, 1142 and Longmire et al. 1995, 1266)

- Background concentrations of radioactive chemicals associated with global fallout from atmospheric nuclear testing (e.g., plutonium, cesium, strontium, and tritium) reported in the Laboratory environmental surveillance reports (Environmental Protection Group 1994, 1179).

In addition, secular equilibrium can be assumed for some radionuclides in order to obtain background values for additional analytes. For example, the background values are the same for the following radionuclides: thorium-232 ≈ thorium-228 ≈ radium-228; uranium-238 ≈ thorium-234; and uranium-234 ≈ thorium-230 ≈ radium-226.

If a chemical has a reported concentration that exceeds its UTL (calculated as the 95% upper confidence level of the 95 percentile)or fails other statistical background comparison tests (i.e., the site data are statistically greater than background data), that chemical is carried forward to the screening assessment process. If a chemical does not have a reported concentration that exceeds the UTL, it is removed from further consideration.

The radionuclide concentrations detected in the settling pit or septic tanks were not compared with background UTLs because such a comparison is performed only to determine if a release to the environment has occurred. Because the contents of the pit/tank are confined, they are not related to levels in the environment, so a background comparison is not appropriate.

Background wells. To obtain an estimate of the site-specific background concentrations of radionuclides in soil and groundwater, samples were collected from three boreholes (two of which were completed as wells) that were drilled in the alluvium of Pajarito Canyon, up-canyon from any of the potential contaminant sources at TA-18. The background well locations were in a forested meadow area approximately 300 yards west of Building TA-18-23, alongside the ephemeral creek (see Figure 3-2 of the RFI report).

The results of this sampling reflect the quality of the shallow groundwater flowing into the area and the constituents in the soil upgradient from all PRSs at TA-18. The maximum detected value of each radionuclide in the soil and groundwater analyzed from these boreholes was used as the site-specific background concentration for the data comparisons at each PRS in OU 1093.

Radionuclides. The radionuclide results for soil from the background wells were less than the Laboratory background UTLs for all of the analytes (Table 3-1), while no background UTLs are available for alluvial groundwater. The background UTLs for thorium-228, thorium-230, and thorium-232 and the site-specific background value for thorium-230 are greater than the respective soil SALs.

TABLE 3-1
MAXIMUM DETECTED VALUES FROM THE BACKGROUND WELLS

Analyte	LANL Soil UTLs (pCi/g)	SAL Soil (pCi/g)	SAL Groundwater (pCi/L)	Site-Specific Background Soil (pCi/g)	Site-Specific Background Groundwater (pCi/L)
RADIONUCLIDES					
Thorium-228	2.47	1.7	15	1.0	0.98
Thorium-230	1.94	0.18	15	1.3	2.5
Thorium-232	2.47	0.77	15	nd	0.68
Uranium	5.45 (mg/kg)	29	20 (µg/L)	1.74 (mg/kg)	1.51 (µg/L)

nd = not detected

3.2.2 Screening Action Levels Comparison/Other Standards

The next step in the screening assessment process is the comparison of detected concentrations with SALs. These dose-based, media-specific action levels are calculated by the Laboratory using RESRAD 5.61 and compared with reported concentrations of a radionuclide to determine whether further evaluation of potential contamination is warranted (LANL 1993, 1085).

In developing SALs for radioactive constituents, it is necessary to consider all relevant and applicable standards for protecting human health. For radionuclides in the environment, guidance assumes that the protection standards that govern human health generally protect other biotic species (NCRP 1991, 0986; International Atomic Energy Agency 1992, 0983). Current radiation protection standards (e.g., the

National Emission Standards for Hazardous Air Pollutants [EPA 1992, 1061] and maximum contaminant levels [EPA 1993, 1071]) are based on radiation dose limits rather than on corresponding cancer slope factors or risk levels (i.e., for nonradioactive compounds). SALs are, therefore, based on radiation dose levels considered to be "acceptable" to individuals in the general public. The Laboratory calculates SALs for radionuclides in soil at an annual dose limit of 10 mrem/year above background levels.

SALs are calculated for a single radioactive constituent via all pathways for radionuclides for which media-specific concentration limits are not specified in other regulations. SALs for radionuclides in water are based on regulations contained in 40 CFR 141.6 (EPA 1992, 1072) and the proposed national drinking water regulations for radionuclides (EPA 1991, 0887), which govern MCLs in community drinking water supplies. More specific information on methodology and assumptions used in calculating SALs is provided in a Laboratory report, Risk-Based Corrective Action Process (LANL/SNL 1996, 1277).

In this investigation, soil SALs have been used to screen not only surface and subsurface soils but also sludge and sediment samples. Soil SALs were used to screen sediment and sludge samples because no other screening values are available, and this method provides a risk-based point of comparison for the data, thereby permitting a first-cut screening of the chemicals. Uranium concentrations in soil and sediment are compared with the SAL for DU (130 mg/kg) at firing sites and associated wetland areas, where DU was used extensively. At all other PRSs, the more conservative SAL for natural uranium (29 mg/kg) was used.

Analytes are categorized either as "equal to or exceeds SAL," "below SAL," or "no SAL" (if a SAL value has not been calculated). For radionuclides, the detected concentrations greater than the background UTLs are compared with the SAL for that analyte; for organics, any concentration above the detection limit is compared with its respective SAL.

3.2.3 Multiple Chemical Analysis

Radionuclides that individually do not exceed their SALs but do exceed background UTLs (or detection limits when no UTLs are available) could still prove to be a risk to human health if combined. To evaluate these multiple chemical effects, each analyte that meets the above criteria is categorized according to environmental medium (e.g., soil or water) and toxicological effects (i.e., radiological). The methodology for performing the MCA for radionuclides is the same as described in Section 3.2.3 of the RFI report (Environmental Restoration Project 1995, 1283).

The purpose of conducting MCAs is to recognize the potentially harmful consequences to human health of combination of chemicals that are below individual action levels. In the case of the septic tanks (where remedial actions are proposed), low concentrations of radionuclides (below action levels) are not of concern. For samples collected from these tanks, the SAL comparison is done only to identify possible human health risks that might be posed by a release of these materials from the tanks. Based on this logic, MCAs are not performed on the septic tank contents.

3.3 Ecotoxicological Screening Assessment Methodology

The screening procedures used for ecological risk assessment have changed since the RFI report was issued. In this addendum, comparison with ecological SALs is not performed; however, an interim screening assessment is conducted while the Laboratory obtains agreement with state and federal ecological regulators on how an ecological risk assessment should proceed. The interim screening assessment is based on the habitat screening methodology and comparison of analytical results with background UTLs. Sites that have no COPCs greater than UTL (or no detected COPCs that lack UTLs) or that provide no significant habitat value are not retained as sources of COPCs for ecological risk assessment.

3.4 Risk Assessment Methodology

No baseline or quantitative human health risk assessment was conducted at the PRSs discussed in this addendum.

3.5 Development of Conclusions and Recommendations

Conclusions concerning the level of risk posed by the PRSs at OU 1093 are based on the screening assessment results and form the basis for the subsequent actions proposed for these PRSs.

4.0 SITE-SPECIFIC RESULTS, CONCLUSIONS, AND RECOMMENDATIONS

This chapter presents the results of a review of the radionuclide data for 26 PRSs sampled during the RFI conducted during 1993 and 1994 at TA-18 and former TA-27, both of which are located in Pajarito Canyon. The operating history of these technical areas and descriptions of the PRSs are presented in the October 1995 RFI report (Environmental Restoration Project 1995, 1283).

Nearly all the data tables presented in this chapter are numbered the same as those in the RFI report; each table should be viewed as an addendum to the corresponding table in the RFI report. In some instances, tables appear in the addendum for which there is no corresponding table in the RFI report. For these a new table number was assigned (e.g., Table 4-6A) without interrupting the consecutive numbering of the tables in the original report. A summary table of retained COPCs appearing at the end of several sections in the RFI report are repeated in this addendum and revised to include those radionuclides that were retained as COPCs.

The figures that present the results of the screening assessment include data for both chemical and radioactive constituents.

4.1 Septic Systems

4.1.1 PRSs 18-003(a and b) – Settling Pit, Septic Tank, and Drainfield

4.1.1.1 Previous Investigations

No additions to text.

4.1.1.2 Field Investigations

No additions to text.

4.1.1.3 Screening Assessment

Figure 4-2 presents the results of the screening assessment and the samples locations for PRSs 18-003(a and b).

4.1.1.3.1 Comparison with Background/SALs

PRS 18-003(a)

Radionuclides. The analytical results had no QA/QC problems that affected data usability.

Radionuclide concentrations detected inside the settling pit were not compared with background UTLs because such a comparison is not appropriate (see Section 3.2.1). Only plutonium-238 was detected in the soil surrounding the settling pit. The data comparison table (Table 4-4) lists this radionuclide as well as those within the settling pit. The radionuclides outside the settling pit that were not detected above background values or were undetected were eliminated as COPCs.

Uranium was detected at concentrations greater than its SAL in the sludge and water from the settling pit. No radionuclides were detected at concentrations greater than SALs outside of the settling pit. Because only one radionuclide was detected outside of the settling pit and the other radionuclides below SALs were confined to the settling pit, an MCA was not conducted (see Section 3.2.3).

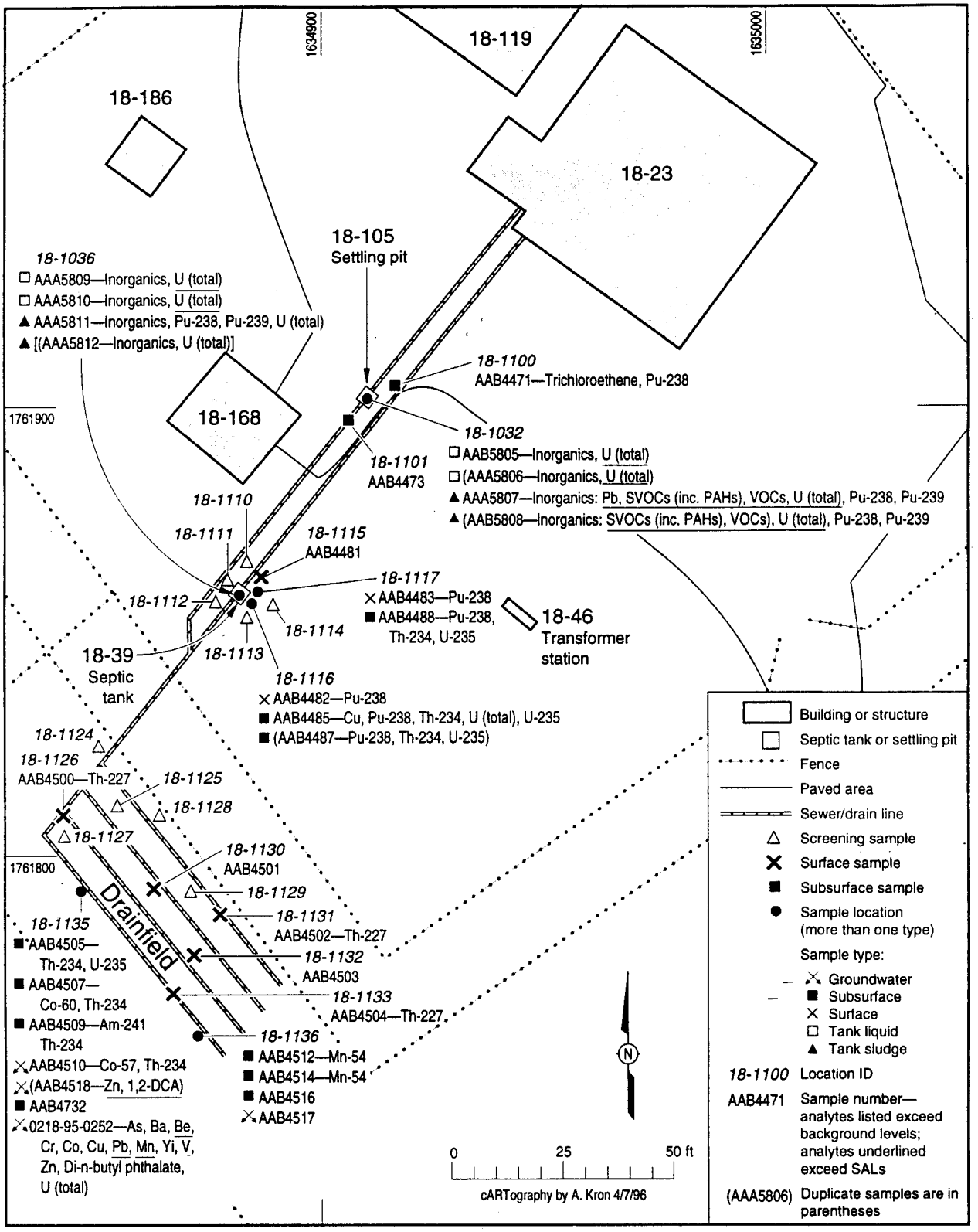

Figure 4-2. Sample locations and results of screening assessment for PRSs 18-003(a and b).

PRS 18-003(b)

Radionuclides. The analytical results had no QA/QC problems that affected data usability.

Radionuclide concentrations detected within the septic tank were not compared with background UTLs because such a comparison is not appropriate (see Section 3.2.1). The data comparison table (Table 4-6), therefore, lists all of the radionuclides detected within the septic tank. For samples collected outside the tank and from the adjacent leachfield area, only radionuclides detected in the soil and groundwater above background UTL or site-specific background values are tabulated.

Uranium was detected in the septic tank water at a concentration greater than its SAL. Thorium-227 and thorium-234 were detected in the soil and groundwater but do not have SALs. Three analytes were, therefore, retained as COPCs. Those radionuclides detected outside the septic tank at concentrations less than their SALs were subjected to an MCA (see below).

Multiple chemical analysis. Five radionuclides in soil samples met the criteria for an MCA (Table 4-6A). The maximum normalized concentrations for these totaled 0.1434, so none was retained as COPCs. Two radionuclides in groundwater samples met the criteria for an MCA. The maximum normalized concentrations for these totaled 0.0861, so neither was retained as a COPC.

4.1.1.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRSs 18-003(a and b) is moderately developed and disturbed , and the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). Subsurface soils at PRS 18-003(b) contain radionuclide concentrations above background UTLs (Table 4-6). Therefore, this PRS will be included in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.1.1.3.3 Risk Assessment

No risk assessment was conducted for either PRS 18-003(a) or (b).

4.1.1.3.4 Data Interpretation

Uranium, the only radioactive COPC retained at PRSs 18-003(a and b), is confined to the water and sludge from the settling pit and septic tank, respectively. Samples taken outside the settling pit and septic tank did not show concentrations of any radionuclides above SALs.

The groundwater and soil from the drainfield at PRS 18-003(b) had detected concentrations of thorium-227, thorium-234, and uranium. The uranium values were less than SALs; the thorium isotopes detected in soil do not have soil SALs. However, these thorium radioisotopes have very short half-lives (approximately 18 days for thorium-227 and 1 second for thorium-234) and are decay products of uranium-235 and -238, respectively. Therefore, the thorium radioisotopes are not a risk to human health and are not retained as COPCs.

4.1.1.4 Conclusions and Recommendations

PRS 18-003(a). Uranium is retained as a human health COPC at PRS 18-003(a) and is confined to the settling pit. Table 4-7 (revised) shows all COPCs for the site and the reasons for retention. Because the results of the radionuclide screening assessment did not identify any COPCs outside of the settling pit, the proposed action does not change.

As indicated in the RFI report (Environmental Restoration Project 1995, 1283), the catch tank in the settling pit contains numerous nonradioactive chemicals at concentrations above SALs. The contaminated sludge and liquid should be entirely removed from the catch tank to ensure against inadvertent release because of tank degradation or some other unexpected event. The discharge line from the tank to the leachfield has been plugged and in the future, the tank will serve as a holding tank for collection of emergency decontamination wash water (Partain 1996, 53898).

Accordingly, the report proposes the removal and proper disposal of the catch-tank contents. After removing the contents, the interior of the catch tank will be pressure-rinsed and the rinsate removed for disposal. No other corrective action will be performed at this PRS, and the only sampling performed will be that required to fully characterize the waste for disposal. This action will be performed as an interim action (IA) rather than as an expedited cleanup (EC) as stated in the RFI report. A plan for this IA will be submitted to DOE in April 1996. Upon completion of the IA and following review by EPA and the New Mexico Environment Department (NMED), a proposal for no further action (NFA) will be submitted to EPA and NMED.

PRS 18-003(b). Uranium is retained as a human health COPC and is confined to the water within the septic tank. Table 4-8 (revised) presents all COPCs for this site and rationales for retention. The thorium radioisotopes should not present any risk to human health because they have very short half-lives; therefore, their presence does not warrant any corrective action. Thus, the results of the radionuclide screening assessment do not change the proposed action.

The septic tank currently is not receiving sanitary wastes. The water supply to the sanitary facilities is disconnected, and the doors to the facility are locked. Plans for disconnecting the plumbing are under review (Partain 1996, 53898). As proposed in the RFI Report (Environmental Restoration Project 1995, 1283), the septic tank contents will be removed and properly disposed of. This will ensure against any future release of contaminants from the tank by either discharge to the drainfield or through rupture of the tank. After removing the contents, the interior of the tank will be pressure-rinsed and the rinsate removed for disposal. No other corrective action will be performed at this PRS, and the only sampling performed will be that required to fully characterize the waste for disposal.

This action will be performed as an IA rather than as an EC as stated in the RFI report. A plan for this IA will be submitted to DOE in April 1996. Upon completion of the IA and following review by EPA and NMED, a proposal for NFA will be submitted to EPA and NMED.

TABLE 4-4
DATA COMPARISON FOR PRS 18-003(a)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Plutonium-238	18-1032	AAB4471	24-48	Subsurface soil	0.1	0.014 (max)*	27	pCi/g	
		AAA5807	N/A	Sludge	0.6	N/A	27	pCi/g	
		AAA5808	N/A	Sludge	0.72	N/A	27	pCi/g	
Plutonium-239	18-1032	AAA5807	N/A	Sludge	2.97	N/A	24	pCi/g	
		AAA5808	N/A	Sludge	6.87	N/A	24	pCi/g	
Uranium	18-1032	AAA5805	N/A	Water	144.5	N/A	20	µg/L	X
		AAA5806	N/A	Water	89	N/A	20	µg/L	X
		AAA5807	N/A	Sludge	590	N/A	29	mg/kg	X
		AAA5808	N/A	Sludge	520	N/A	29	mg/kg	X

* Maximum measured value from environmental surveillance reports (Environmental Protection Group 1994, 1179).
N/A not applicable

TABLE 4-6
DATA COMPARISON FOR PRS 18-003(b)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Americium-241	18-1135	AAB4509	0-60	Subsurface soil	0.08	na	22	pCi/g	
Cobalt-57	18-1135	AAB4510	0-60	Groundwater	5.15	na	4,600	pCi/L	
Cobalt-60	18-1135	AAB4507	60-120	Subsurface soil	0.08	na	1.1	pCi/g	
Manganese-54	18-1136	AAB4512	0-60	Subsurface soil	0.04	na	3.5	pCi/g	
		AAB4514	60-120	Subsurface soil	0.04	na	3.5	pCi/g	
Plutonium-238	18-1114	AAB4482	0-12	Surface soil	0.2	0.014 (max)*	27	pCi/g	
	18-1115	AAB4483	0-12	Surface soil	0.03	0.014 (max)*	27	pCi/g	
	18-1116	AAB4485	0-60	Subsurface soil	0.1	0.014 (max)*	27	pCi/g	
		AAB4487	0-60	Subsurface soil	0.04	0.014 (max)*	27	pCi/g	
	18-1117	AAB4488	0-60	Subsurface soil	0.05	0.014 (max)*	27	pCi/g	
	18-1036	AAB5811	N/A	Sludge	0.17	N/A	27	pCi/g	
Plutonium-239	18-1036	AAB5811	N/A	Sludge	0.2	N/A	24	pCi/g	
Thorium-227	18-1126	AAB4500	0-6	Surface soil	0.96	na	na	pCi/g	No SAL
	18-1131	AAB4502	0-6	Surface soil	0.81	na	na	pCi/g	No SAL
	18-1133	AAB4504	0-6	Surface soil	0.92	na	na	pCi/g	No SAL
Thorium-234	18-1116	AAB4485	0-60	Subsurface soil	4.71	1.82	na	pCi/g	No SAL
		AAB4487	0-60	Subsurface soil	5.27	1.82	na	pCi/g	No SAL
	18-1117	AAB4488	0-60	Subsurface soil	3.1	1.82	na	pCi/g	No SAL
	18-1135	AAB4505	0-60	Subsurface soil	6.6	1.82	na	pCi/g	No SAL
		AAB4507	60-120	Subsurface soil	2.84	1.82	na	pCi/g	No SAL
		AAB4509	0-144	Subsurface soil	2.98	1.82	na	pCi/g	No SAL
		AAB4510	0-144	Groundwater	245.8	na	na	pCi/L	No SAL
Uranium	18-1116	AAB4485	0-60	Subsurface soil	7.07	5.45	130	mg/kg	
	18-1036	AAA5809	N/A	Water	31.6	N/A	20	µg/L	X
		AAA5810	N/A	Water	32.9	N/A	20	µg/L	X
		AAA5811	N/A	Sludge	13	N/A	130	mg/kg	
		AAA5812	N/A	Sludge	28.1	N/A	130	mg/kg	
	18-1135	0218-95-0252	N/A	Groundwater	1.7	1.51**	20	µg/L	

* Maximum measured value from environmental surveillance reports (Environmental Protection Group 1994, 1179).
** Site-specific background value obtained from the background wells
N/A not applicable
na not available

TABLE 4-6
DATA COMPARISON FOR PRS 18-003(b)
(concluded)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Uranium-235	18-1116	AAB4485	0-60	Subsurface soil	0.3	0.08	10	pCi/g	
		AAB4487	0-60	Subsurface soil	0.29	0.08	10	pCi/g	
	18-1117	AAB4488	0-60	Subsurface soil	0.26	0.08	10	pCi/g	
	18-1135	AAB4505	0-60	Subsurface soil	0.52	0.08	10	pCi/g	

TABLE 4-6A
MULTIPLE CHEMICAL ANALYSIS
PRS 18-003(b)

Analyte	Maximum Normalized Concentration
Soil - Radionuclide	
Americium-241	0.0036
Cobalt-60	0.0727
Manganese-54	0.0114
Plutonium-238	0.0037
Uranium-235	0.0520
Total	0.1434
Groundwater - Radionuclide	
Cobalt-57	0.0011
Uranium	0.0850
Total	0.0861

TABLE 4-7 (revised)
SUMMARY OF RETAINED COPCs –
PRS 18-003(a)

Analytes	Location No.	Medium	COPC Rationale
Acenaphthylene	18-1032	Sludge	No SAL
Benzo(a)anthracene	18-1032	Sludge	Greater than SAL
Benzo(a)pyrene	18-1032	Sludge	Greater than SAL
Benzo(b)fluoranthene	18-1032	Sludge	Greater than SAL
Benzo(g,h,i)perylene	18-1032	Sludge	Greater than SAL
Benzo(k)fluoranthene	18-1032	Sludge	Greater than SAL
Beryllium	18-1032	Sludge	No SAL
Bis(2-chloroethyl)ether	18-1032	Sludge	Available site information
Bis(2-ethylhexyl) phthalate	18-1032	Sludge	Greater than SAL
Bromodichloromethane	18-1032	Water	Greater than SAL
Bromoform	18-1032	Water	Presumptive evidence
Bromomethane	18-1032	Water	Presumptive evidence
Carbon tetrachloride	18-1032	Water	Presumptive evidence
Chlorobenzene	18-1032	Water	Presumptive evidence
Chloroform	18-1032	Water	Presumptive evidence
Chloromethane	18-1032	Water	Presumptive evidence
Dibenzo(a,h)anthracene	18-1032	Sludge	Greater than SAL
Dibenzofuran	18-1032	Sludge	No SAL
1,4-Dichlorobenzene	18-1032	Water	Presumptive evidence
1,2-Dichloroethane	18-1032	Water	Presumptive evidence
1,1-Dichloroethene	18-1032	Water	Presumptive evidence
trans-1,2-Dichloroethene	18-1032	Water	Presumptive evidence
cis-1,2-Dichloroethylene	18-1032	Water	Greater than SAL
2,4-Dinitrotoluene	18-1032	Sludge	Available site information
2,6-Dinitrotoluene	18-1032	Sludge	Available site information
Hexachlorobenzene	18-1032	Sludge	Available site information
Indeno(1,2,3-cd)pyrene	18-1032	Sludge	Greater than SAL
4-Isopropyltoluene	18-1032	Water	No SAL
Lead	18-1032	Sludge	Greater than SAL
1,1,1,2-Tetrachloroethane	18-1032	Water	Presumptive evidence
1,1,2,2-Tetrachloroethane	18-1032	Water	Presumptive evidence
Tetrachloroethylene	18-1032	Sludge	Greater than SAL
Uranium	18-1032	Sludge and water	Greater than SAL
1,1,2-Trichloroethane	18-1032	Water	Presumptive evidence
Trichloroethane	18-1032	Sludge	Greater than SAL
1,2,4-Trimethylbenzene	18-1032	Water	Presumptive evidence
1,3,5-Trimethylbenzene	18-1032	Water	Presumptive evidence
Vinyl chloride	18-1032	Water	Presumptive evidence

TABLE 4-8 (revised)
SUMMARY OF RETAINED COPCs – PRS 18-003(b)

Analytes	Location No.	Medium	Description	COPC Rationale
Benzo(a)pyrene	18-1115 18-1116 18-1117	Subsurface soil	Outside septic tank; E & W outside septic tank exit pipe	Detected at 18-003(a) [See Section 4.1.1.3.1, Organics, PRS 18-003(b)]
	18-1136	Groundwater	Drainfield-SE	
Benzo(b)fluoranthene	18-1136	Groundwater	Drainfield-SE	Detected at 18-003(a)
Benzo(k)fluoranthene	18-1136	Groundwater	Drainfield-SE	Detected at 18-003(a)
Bis(2-chloroethyl)ether	18-1115	Subsurface soil	Outside septic tank; E & W outside septic tank exit pipe	Available site information
Beryllium	18-1036	Sludge	Inside septic tank	No SAL
Dibenzo(a,h)anthracene	18-1115 18-1116 18-1117	Subsurface soil	Outside septic tank; E & W outside septic tank exit pipe	Detected at 18-003(a)
	18-1136	Groundwater	Drainfield-SE	
1,2-Dichloroethane	18-1135	Groundwater	Drainfield-SW	Greater than SAL
Indeno(1,2,3-cd)pyrene	18-1136	Groundwater	Drainfield-SE	Detected at 18-003(a)
Uranium	18-1036	Water	Inside septic tank	Greater than SAL

4.1.2 PRS 18-003(c) — Septic Tank and Drainfield

4.1.2.1 Previous Investigations

No additions to text.

4.1.2.2 Field Investigation

No additions to text.

4.1.2.3 Screening Assessment

Figure 4-3 shows the results of the screening assessment and the sample locations for PRS 18-003(c).

4.1.2.3.1 Comparison with Background/SALs

Radionuclides. The data had no QA/QC problems that affected data usability.

Concentrations of radionuclides detected within the septic tank were not compared with background UTLs because such a comparison is not appropriate (see Section 3.2.1). Several radionuclides were detected at concentrations above background UTLs in the drainfield soils or outfall sediments (Table 4-12). Uranium was detected above the site-specific background value in one groundwater sample and was carried forward to the SAL comparison stage.

Plutonium-239 and uranium were detected at concentrations greater than their SALs in the sludge from the septic tank and were therefore retained as COPCs. All of the detected radionuclides in the soil or groundwater were less than their SALs and were subjected to an MCA (see below). Those detected in the septic tank at concentrations less than SAL were not subjected to an MCA (see Section 3.2.3).

Multiple chemical analysis. Two radionuclides in soil samples met the criteria for inclusion in an MCA (Table 4-13). The maximum normalized concentration of these analytes was 0.0136; therefore, no radionuclides in soil were retained as COPCs.

Three radionuclides in groundwater met the criteria for inclusion in an MCA (Table 4-13). The maximum normalized concentration of these analytes was 0.1126 and, therefore, they were not retained as COPCs.

4.1.2.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-003(c) is moderately developed and disturbed, and the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). However, no radionuclides were detected at concentrations greater than UTLs in drainfield soils. Therefore, this PRS will not be included in an ecological risk assessment.

4.1.2.3.3 Risk Assessment

No risk assessment was conducted.

4.1.2.3.4 Data Interpretation

Thorium-227 was initially retained as a COPC because it did not have a SAL for soil. Thorium-227 is a relatively short lived radioisotope that was detected in one subsurface sample. No exposure pathway exists

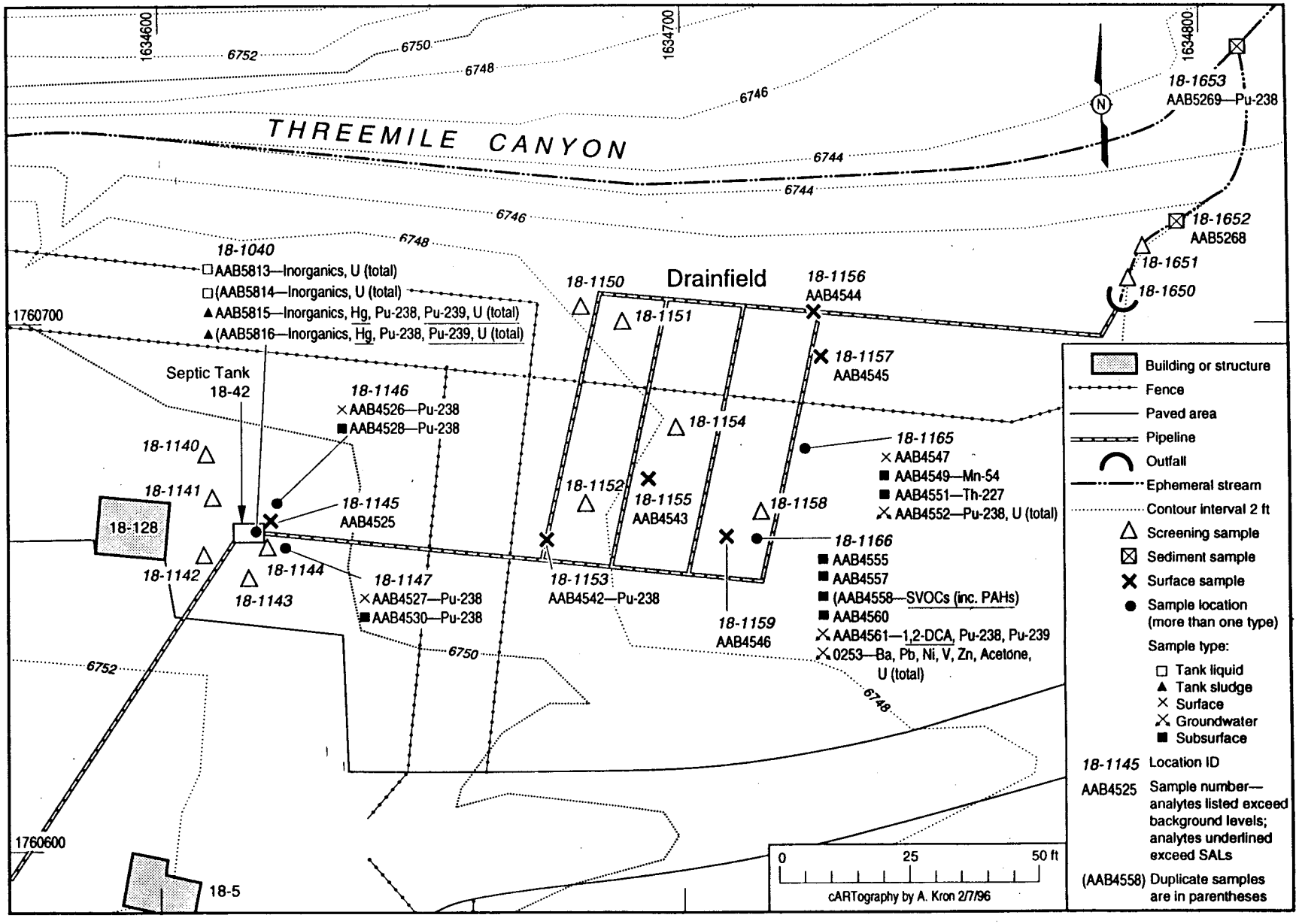

Figure 4-3. Sample locations and results of screening assessment for PRS 18-003(c).

for this radionuclide because of the short half-life (18.5 days) and the depth (7 to 15 ft) at which it was detected.

This radionuclide does not pose an unacceptable risk to human health, and it was not retained as a COPC.

The radionuclides retained as COPCs because their concentrations were greater than SALs were detected in the sludge from the septic tank. No radionuclides were detected in the soil and groundwater above SALs.

4.1.2.4 Conclusions and Recommendations

Plutonium-239 and uranium are retained as human health COPCs for PRS 18-003(c) and are confined to the septic tank. Table 4-14 presents the COPCs and reasons for retention. The results of the radionuclide screening assessment do not change the action proposed in the RFI report.

The septic tank currently is not receiving sanitary wastes. The water supply to the sanitary facilities is disconnected, and the doors to the facility are locked. Plans for disconnecting the plumbing are under review (Partain 1996, 53898). As proposed in the RFI report (Environmental Restoration Project 1995, 1283), the contents of the tank will be removed and disposed of properly. This will ensure against any future release of contaminants from the tank, either by discharge to the drainfield or through rupture of the tank. After removing the contents, the interior of the tank will be pressure-rinsed and the rinsate removed for disposal. No other corrective action will be performed at this PRS and the only sampling performed will be that required to fully characterize the waste for disposal.

This action will be performed as an IA rather than as an EC as stated in the RFI report. A plan for this IA will be submitted to DOE in April 1996. Upon completion of the IA and following review by EPA and NMED, a proposal for NFA will be submitted to EPA and NMED.

TABLE 4-12
DATA COMPARISON FOR PRS 18-003(c)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Manganese-54	18-1165	AAB4549	90-120	Subsurface soil	0.04	na	3.5	pCi/g	
Plutonium-238	18-1146	AAB4526	0-12	Surface soil	0.03	0.014 (max)*	27	pCi/g	
		AAB4528	0-60	Subsurface soil	0.06	0.014 (max)*	27	pCi/g	
	18-1147	AAB4527	0-12	Surface soil	0.02	0.014 (max)*	27	pCi/g	
		AAB4530	24-48	Subsurface soil	0.01	0.014 (max)*	27	pCi/g	
	18-1153	AAB4542	0-4	Surface soil	0.02	0.014 (max)*	27	pCi/g	
	18-1165	AAB4552	0-180	Groundwater	0.02	nd	15	pCi/L	
	18-1166	AAB4561	180-300	Groundwater	0.004	nd	15	pCi/L	
	18-1653	AAB5269	0-12	Surface soil	0.014	0.014 (max)*	27	pCi/g	
	18-1040	AAA5815	N/A	Sludge	0.635	N/A	27	pCi/g	
		AAA5816	N/A	Sludge	1.6	N/A	27	pCi/g	
Plutonium-239	18-1166	AAB4561	0-480	Groundwater	0.41	nd	15	pCi/L	
	18-1040	AAA5815	N/A	Sludge	27.1	N/A	24	pCi/g	X
		AAA5816	N/A	Sludge	62.2	N/A	24	pCi/g	X
Thorium-227	18-1165	AAB4451	84-180	Subsurface soil	0.24	na	na	pCi/g	No SAL
Uranium	18-1165	AAB4552	0-180	Groundwater	1.68	1.51**	20	µg/L	
	18-1040	AAA5813	N/A	Water	13.8	N/A	20	µg/L	
		AAA5814	N/A	Water	14.5	N/A	20	µg/L	
		AAA5815	N/A	Sludge	660	N/A	29	mg/kg	X
		AAA5816	N/A	Sludge	520	N/A	29	mg/kg	X

* Maximum measured value from environmental surveillance reports (Environmental Protection Group 1994, 1179).
** Site-specific background value obtained from background wells.
N/A not applicable
na not available
nd not detected in background wells

TABLE 4-13
MULTIPLE CHEMICAL ANALYSIS – PRS 18-003(c)

Analyte	Maximum Normalized Concentration
Soil - Radionuclide	
Manganese-54	0.0114
Plutonium-238	0.0022
Total	0.0136
Groundwater - Radionuclide	
Plutonium-238	0.0013
Plutonium-239	0.0273
Uranium	0.0840
Total	0.1126

TABLE 4-14 (Revised)
SUMMARY OF RETAINED COPCs – PRS 18-003(c)

Analytes	Location No.	Medium	Description	COPC Rationale
Benzo(a)anthracene	18-1165	Groundwater	Drainfield-NE	Available site information; detected elsewhere
Benzo(a)pyrene	18-1146 18-1147	Surface, subsurface soil	Outside septic tank N,S	Available site information; detected elsewhere
	18-1166	Subsurface soil	Drainfield-SE	Greater than SAL
Benzo(g,h,i)perylene	18-1166	Subsurface soil	Drainfield-SE	No SAL
Bis(2-chloroethyl)ether	18-1146 18-1147	Surface, Subsurface soil	Outside septic tank N,S	Available site information; detected elsewhere
	18-1166	Subsurface soil	Drainfield-SE	Greater than SAL
4-Chloro-3-methyl-phenol	18-1166	Subsurface soil	Drainfield-SE	No SAL
Chrysene	18-1165	Groundwater	Drainfield-NE	Available site information; detected elsewhere
Dibenzofuran	18-1166	Subsurface soil	Drainfield-SE	No SAL
1,2-Dichloroethane	18-1166	Groundwater	Drainfield-SE	Greater than SAL
2,4-Dinitrotoluene	18-1166	Subsurface soil	Drainfield-SE	Greater than SAL
2,6-Dinitrotoluene	18-1166	Subsurface soil	Drainfield-SE	Greater than SAL
Mercury	18-1040	Sludge	Inside septic tank	Greater than SAL
Pentachlorophenol	18-1165	Groundwater	Drainfield NE	Available site information; detected elsewhere
	18-1166	Subsurface soil	Drainfield-SE	Greater than SAL
Plutonium-239	18-1040	Sludge	Inside septic tank	Greater than SAL
Uranium	18-1040	Sludge	Inside septic tank	Greater than SAL

4.1.3 PRS 18-003(d) – Septic Tank and Drainfield

4.1.3.1 Previous Investigations

No additions to text.

4.1.3.2 Field Investigation

No additions to text.

4.1.3.3 Screening Assessment

Figure 4-4 shows the results of the screening assessment and the sample locations for PRS 18-003(d).

4.1.3.3.1 Comparison with Background/SALs

Radionuclides. One septic tank water sample (AAA5824) for uranium was lost in the laboratory and therefore was not analyzed. However, analytical data are available for a second water sample collected from the tank.

Concentrations of radionuclides detected within the septic tank were not compared with background UTLs because such a comparison is not appropriate (see Section 3.2.1). Radionuclides in samples collected from outside of the septic tank that were reported as undetected or detected at concentrations less than background were not retained as COPCs.

Several radionuclides were detected in the soil and groundwater at concentrations greater than their background UTLs (Table 4-16). However, none had concentrations greater than SALs and, therefore, they were not retained as COPCs. Thorium-234 was detected in the soil and was retained as a COPC because it had no SAL. Radionuclides detected in the soil and groundwater at concentrations below SAL were subjected to an MCA (see below). Those detected in the septic tank below SAL were not subjected to a MCA (see Section 3.2.3).

Multiple chemical analysis. Plutonium-238 and -239, both from soil samples, met the criteria for an MCA (Table 4-17). The maximum normalized concentrations of these analytes totaled 0.0662, so neither of these analytes was retained as a COPC.

Only one radionuclide in groundwater met the criteria for an MCA, so no analysis was performed.

4.1.3.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-003(c) is moderately developed and disturbed, and the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). In addition, soils at this site contain isotopic plutonium and thorium concentrations that are above background UTLs. Therefore, this PRS will be included in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.1.3.3.3 Risk Assessment

No risk assessment was conducted.

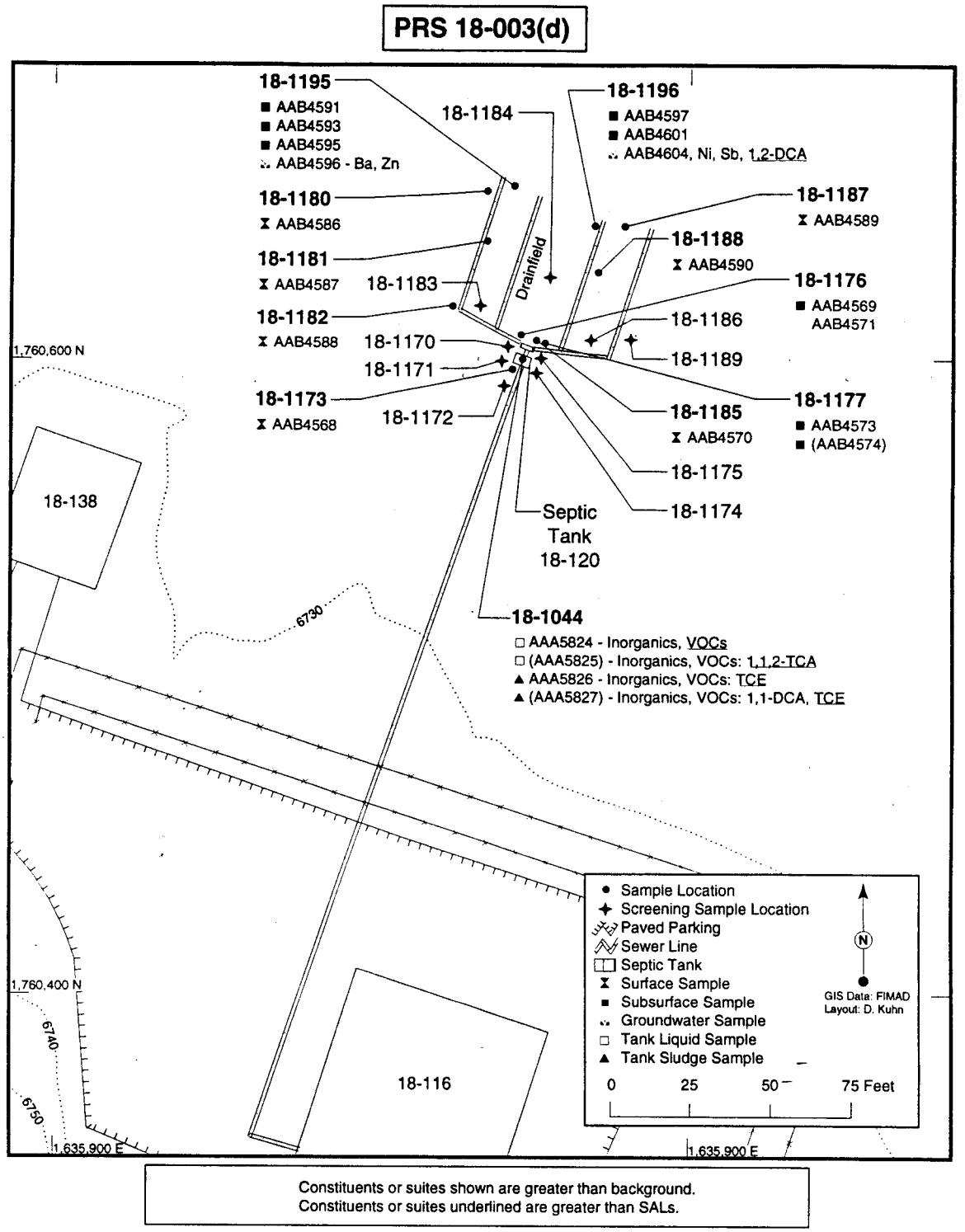

Figure 4-4. Sample locations and results of screening assessment for PRS 18-003(d).

TABLE 4-16
DATA COMPARISON FOR PRS 18-003(d)

Radionuclides									
Analyte	**Location No.**	**Sample ID**	**Depth (in.)**	**Medium**	**Result**	**Background UTL**	**SAL**	**Units**	**>SAL**
Plutonium-238	18-1044	AAA5826	N/A	Sludge	0.425	N/A	27	pCi/g	
	18-1180	AAB4586	0-6	Surface soil	0.06	0.014 (max)*	27	pCi/g	
	18-1181	AAB4587	0-6	Surface soil	0.1	0.014 (max)*	27	pCi/g	
	18-1182	AAB4588	0-6	Surface soil	0.09	0.014 (max)*	27	pCi/g	
	18-1187	AAB4589	0-6	Surface soil	0.02	0.014 (max)*	27	pCi/g	
	18-1188	AAB4590	0-6	Surface soil	1.0	0.014 (max)*	27	pCi/g	
	18-1195	AAB4591	0-60	Surface soil	0.02	0.014 (max)*	27	pCi/g	
	18-1196	AAB4604	0-120	Groundwater	0.02	nd	15	pCi/L	
Plutonium-239	18-1044	AAA5826	N/A	Sludge	0.97	N/A	24	pCi/g	
		AAA5827	N/A	Sludge	0.88	N/A	24	pCi/g	
	18-1173	AAB4568	0-6	Surface soil	0.06	0.052 (max)*	24	pCi/g	
	18-1188	AAB4590	0-6	Surface soil	0.7	0.052 (max)*	24	pCi/g	
	18-1196	AAB4604	0-120	Groundwater	0.02	nd	15	pCi/L	
Thorium-234	18-1195	AAB4595	120-180	Subsurface soil	2.44	1.82	na	pCi/g	No SAL
Uranium	18-1044	AAA5826	N/A	Sludge	25	N/A	29	mg/kg	
		AAA5827	N/A	Sludge	50	N/A	29	mg/kg	X

* Maximum measured value from environmental surveillance reports (Environmental Protection Group 1994, 1779).
N/A not applicable
na not available
nd not detected in background wells

4.1.3.3.4 Data Interpretation

Thorium-234 was retained as a COPC because it did not have a SAL. However, thorium-234 is an extremely short-lived radioisotope that was detected in only one subsurface soil sample. There is no exposure pathway for this radionuclide because of its short half-life and the depth at which it was detected (10 to 15 ft). Therefore, this analyte does not pose an unacceptable risk to human health and, therefore, is not retained as a COPC. Uranium, detected in the sludge in the tank was retained as a COPC.

4.1.3.4 Conclusions and Recommendations

Uranium was retained as a human health COPC for PRS 18-003(d). However, the results of the radionuclide screening assessment do not change the proposed action.

As indicated in the RFI Report (Environmental Restoration Project 1995, 1283), the septic tank contains several VOCs that are particularly mobile in groundwater and have very low SALs. The septic tank currently is not receiving sanitary wastes. The water supply to the sanitary facilities is disconnected, and the doors to the facility are locked. Plans for disconnecting the plumbing are under review (Partain 1996, 53898). The contaminated sludge and liquid should be entirely removed from the tank to ensure against inadvertent release either by discharge to the drainfield or because of tank degradation.

Accordingly, the report proposes to remove and properly dispose of the contents of the tank. After removing the contents, the interior of the tank will be pressure-rinsed and the rinsate removed for disposal. No other corrective action will be performed at this PRS. The only sampling performed will be that required to fully characterize the waste for disposal.

This action will be performed as an IA rather than as an EC as stated in the RFI report. A plan for this IA will be submitted to DOE in April 1996. Upon completion of the IA and review by EPA and NMED, a proposal for NFA will be submitted to EPA and NMED.

TABLE 4-17
MULTIPLE CHEMICAL ANALYSIS – PRS 18-003(d)

Analyte	Maximum Normalized Concentration
Soil - Radionuclide	
Plutonium-238	0.0370
Plutonium-239	0.0292
Total	0.0662

4.1.4 PRS 18-003(e) – Septic Tank and Drainfield

No additions to text.

4.1.5 PRS 18-003(f) – Septic Tank

4.1.5.1 Previous Investigations

No additions to text.

4.1.5.2 Field Investigation

No additions to text.

4.1.5.3 Screening Assessment

Figure 4-5 shows the results of the screening assessment and the sample locations for PRS 18-003(f).

4.1.5.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data had no QA/QC problems that affected data usability.

Natural uranium, the only radioactive COPC for this PRS was detected in one filtered groundwater sample at a concentration above its site-specific background value and in soil at concentrations greater than the background UTL (Table 4-21). It was detected at a concentration greater than its SAL in one soil sample and was therefore retained as a COPC. An MCA was not performed because only the one radionuclide was expected at this PRS.

4.1.5.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-003(f) is highly developed and disturbed, and the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). In addition, soils at this site contain uranium concentrations that are above background UTLs (Table 4-21). Therefore, this PRS will be included in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.1.5.3.3 Risk Assessment

No risk assessment was conducted.

4.1.5.3.4 Data Interpretation

The soil sample with a reported uranium concentration above the SAL was collected at a depth of 90 to 108 in. A shallower sample from the same location contained uranium at background levels. This PRS is located in an area designated for continued laboratory operations. Other than shallow excavations for trenching purposes, which would not reach to the depth of the reported high concentration, there is no anticipated event that could result in exposure of individuals to the reported concentration. Therefore, uranium is not retained as a COPC.

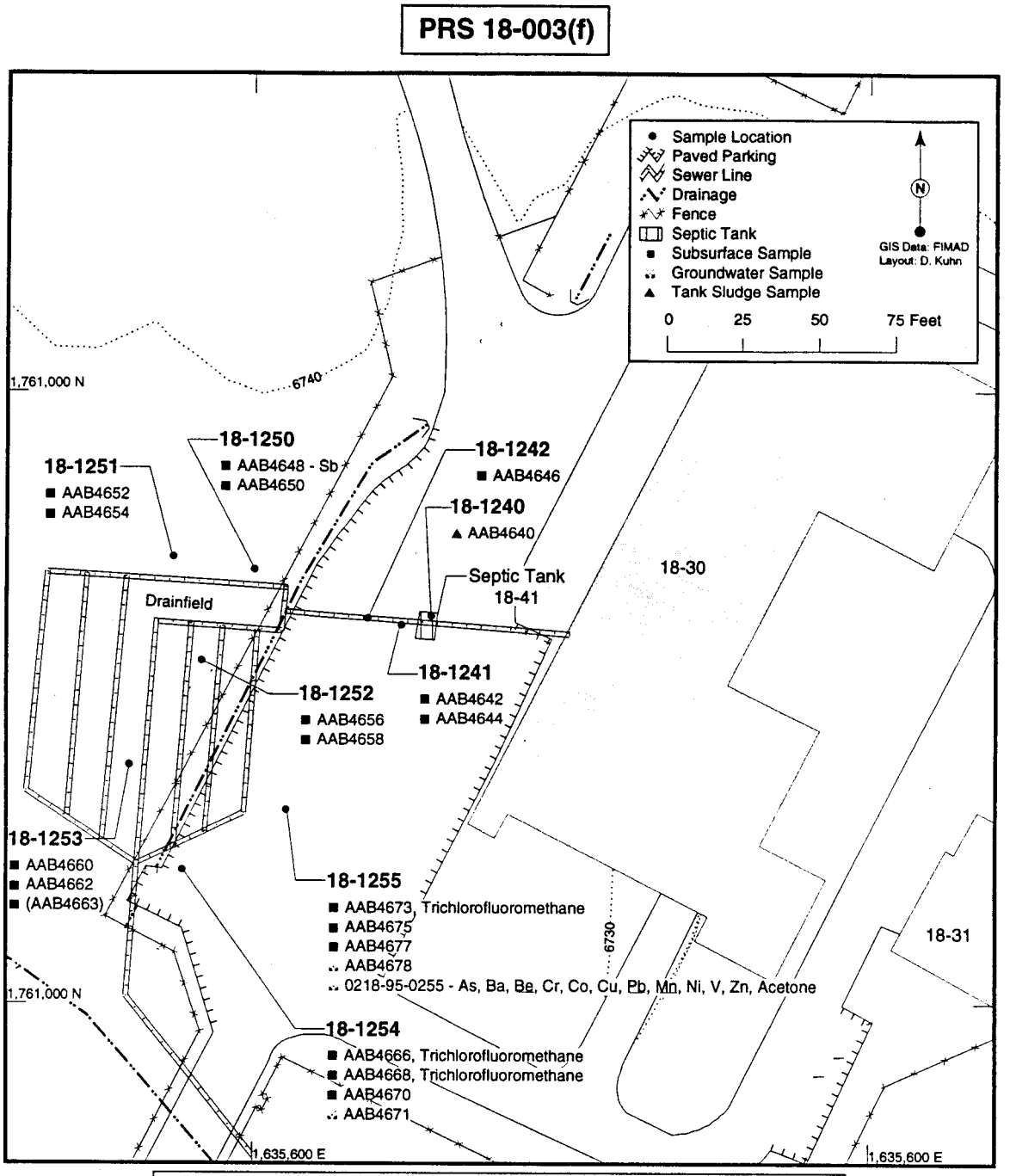

Figure 4-5. Sample locations and results of screening assessment for PRS 18-003(f).

4.1.5.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-003(f). The results of the radionuclide screenin assessment do not change the proposed action. As proposed in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended for this site under NFA Policy Criterion 4: the site has been characterized, and COPCs do not present an unacceptable risk to human health.

TABLE 4-21
DATA COMPARISON FOR PRS 18-003(f)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Uranium	18-1254	AAB4668	90-108	Subsurface soil	124	5.45	29	mg/kg	X
	18-1255	AAB4673	0-60	Subsurface soil	6.88	5.45	29	mg/kg	
		0218-95-0255	N/A	Groundwater	11.3	1.51*	20	µg/L	

* Site-specific background value obtained from the background wells.
N/A not applicable

4.1.6 PRS 18-003(g) – Septic Tank

4.1.6.1 Previous Investigations

No additions to text.

4.1.6.2 Field Investigation

No additions to text.

4.1.6.3 Screening Assessment

Figure 4-6 shows the results of the screening assessment and the sample locations at PRS 18-003(g).

4.1.6.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data had no QA/QC problems that affected data usability.

Concentrations of radionuclides were compared with background values because such a comparison was not appropriate (see Section 3.2.1). No radionuclides were detected in the soil and groundwater at concentrations greater than background UTLs or the site-specific background values and, therefore, none were not retained as COPCs. Sludge inside the tank was not sufficient to sample.

Uranium, the only radionuclide detected in the septic tank, was present at a concentration less than its SALs (Table 4-24). It was not subjected to an MCA because it was the only one detected at a con-centration below SAL.

4.1.6.3.2 Ecotoxicological Screening Assessment

No additions to text.

4.1.6.3.3 Risk Assessment

No risk assessment was conducted.

4.1.6.3.4 Data Interpretation

No radionuclides were retained as COPCs at PRS 18-003(g).

4.1.6.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-003(g). The results of the radionuclide screening assessment do not change the proposed action.

As indicated in the RFI report (Environmental Restoration Project 1995, 1283), the water and sludge in the tank does contain some organic chemicals at concentrations greater than SALs. This tank is currently part of the central sanitary waste system at TA-18, and there is a continuing potential for release of these chemicals to the environment. Although nearly all of the sludge was removed as a result of sampling, it is advisable to remove any contaminated material that remains in the tank.

Accordingly, the report proposes to remove and properly dispose of the contents of the tank. After removing the contents, the interior of the tank will be pressure-rinsed and the rinsate removed for disposal. No other corrective action will be performed at this PRS.

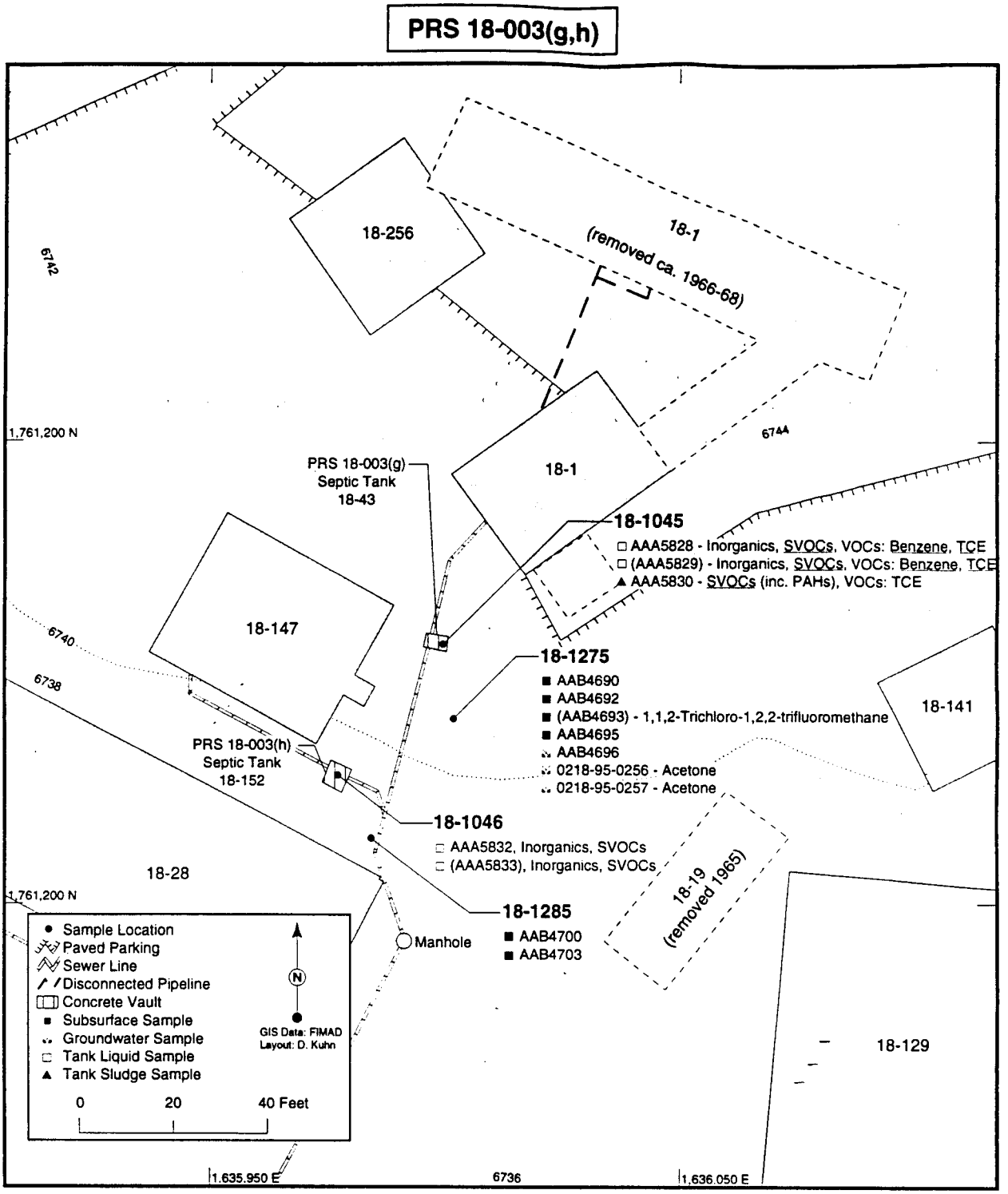

Figure 4-6. Sample locations and results of screening assessment for PRSs 18-003(g and h).

The only sampling performed will be that required to fully characterize the waste for disposal. This action will be performed as an IA rather than as an EC as stated in the RFI report. A plan for this IA will be submitted to DOE in April 1996. Upon completion of the IA and following review by EPA and NMED, a proposal for NF will be submitted to EPA and NMED.

TABLE 4-24
DATA COMPARISON FOR PRS 18-003(g)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Uranium	18-1045	AAA5828	N/A	Water	0.23	N/A	20	µg/L	
		AAA5829	N/A	Water	0.27	N/A	20	µg/L	

N/A not applicable

4.1.7 PRS 18-003(h) – Septic Tank

4.1.7.1 Previous Investigations

No additions to text.

4.1.7.2 Field Investigation

No additions to text.

4.1.7.3 Screening Assessment

Figure 4-6 shows the results of the screening assessment and the sample locations for PRS 18-003(h).

4.1.7.3.1 Comparisons with Backgrounds/SALs

Radionuclides. The radionuclide data had no QA/QC problems that affected data usability.

Concentrations of radionuclides detected inside the septic tank were not compared with background UTLs because such a comparison is not appropriate (see Section 3.2.1). No radionuclides were detected in the soil at concentrations greater than the background UTLs (Table 4-26). The radionuclides that were undetected or were detected in samples outside the septic tank at concentrations less than the background UTLs were not retained as COPCs.

No radionuclides were detected in the septic tank at concentrations greater than SALs. The radionuclides with concentrations below SALs were not subjected to an MCA because only uranium, which was confined to the septic tank, was detected.

4.1.7.3.2 Ecotoxicological Screening Assessment

No additions to text.

4.1.7.3.3 Risk Assessment

No risk assessment was conducted.

4.1.7.3.4 Data Interpretation

No radionuclides were retained as COPCs for PRS 18-003(h).

4.1.7.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-003(h). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is proposed for this PRS under NFA Criterion 4: the site has been characterized, and no COPCs are present.

TABLE 4-26
DATA COMPARISON FOR PRS 18-003(h)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Uranium	18-1046	AAA5832	N/A	Water	0.22	N/A	20	µg/L	
		AAA5833	N/A	Water	0.23	N/A	20	µg/L	

N/A not applicable

4.2 Sumps, Tanks, and Drains

4.2.1 PRSs 18-004(a and b) – Industrial Drainline and Collection Tanks

4.2.1.1 Previous Investigations

No additions to text.

4.2.1.2 Field Investigation

No additions to text.

4.2.1.3 Screening Assessment

A screening assessment was not conducted because no analytical data were available.

4.2.1.4 Conclusions and Recommendations

No human health COPCs are retained at PRSs 18-004(a and b). The results of the radionuclide screening assessment do not change the proposed action.

As indicated in the RFI report (Environmental Restoration Project 1995, 1283), PRS 18-004(a) is recommended for NFA under NFA Policy Criterion 4: the site has been characterized, and no COPCs are present. PRS 18-004(b) is recommended for NFA under NFA Policy Criterion 1: the PRS could not be located, and there is no report of a release to the environment at this site.

4.2.2 PRS 18-012(a) – Outfall

4.2.2.1 Previous Investigations

No additions to text.

4.2.2.2 Field Investigation

No additions to text.

4.2.2.3 Screening Assessment

Figure 4-9 shows the results of the screening assessment and the sample locations for PRS 18-012(a).

4.2.2.3.1 Comparisons with Background/SALs

Radionuclides. The radionuclide data presented no QA/QC problems that affected data usability.

Uranium, the only radionuclide present, was not detected in the soil at concentrations that exceeded the background UTL and, therefore, was not retained as a COPC.

4.2.2.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-012(a) is moderately developed and disturbed, and the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). No radionuclides were detected at concentrations greater than UTLs. Therefore, this PRS will not be included in an ecological risk assessment.

4.2.2.3.3 Data Interpretation

Uranium was detected in soil samples at concentrations below background and, therefore, is not retained as a COPC.

4.2.2.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-012(a). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), this site is recommended for NFA under NFA Policy Criterion 4: the site has been characterized, and no COPCs are present.

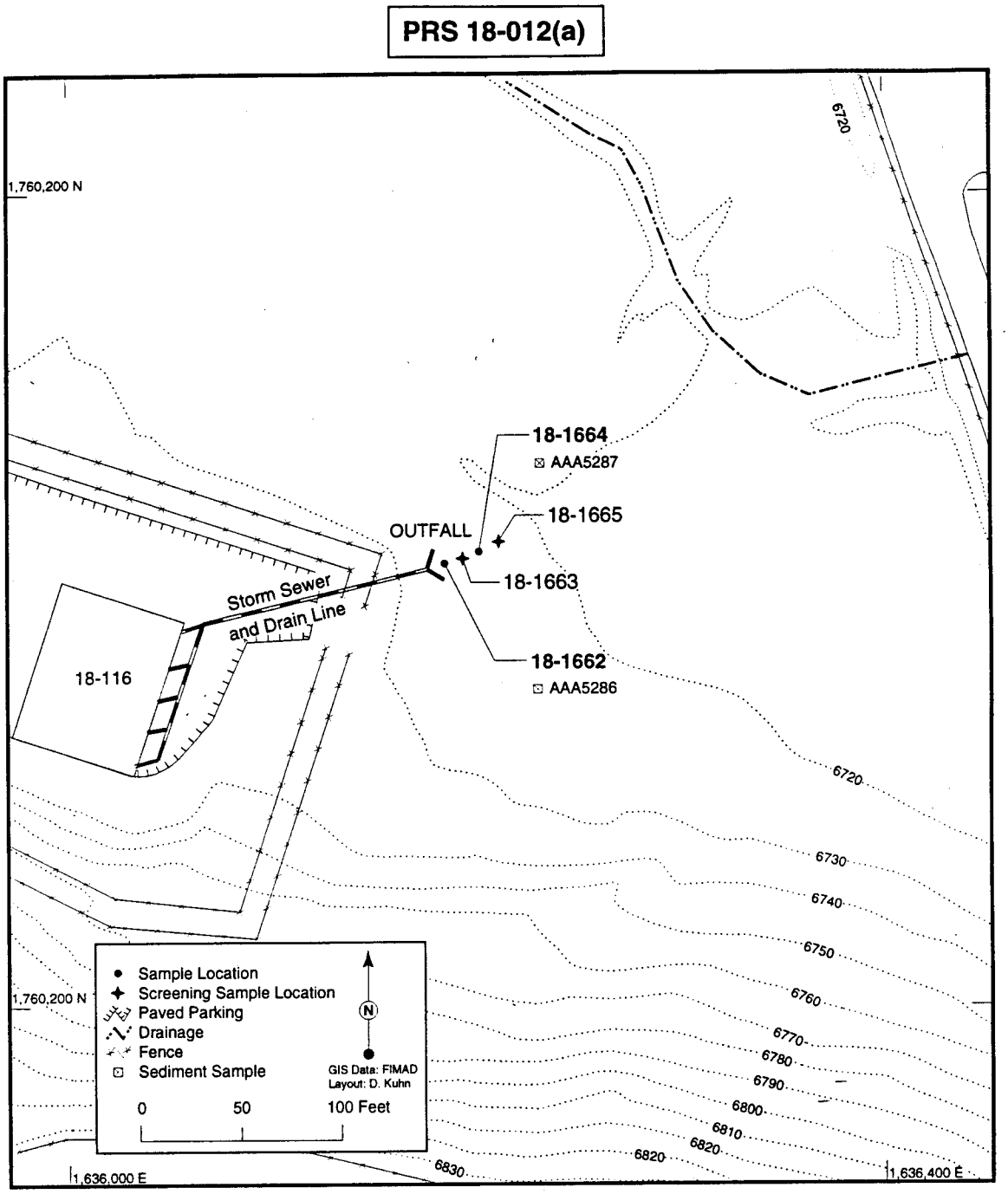

Figure 4-9. Sample locations and results of screening assessment for PRS 18-012(a).

4.2.3 PRS 18-012(b) – Outfall

4.2.3.1 Previous Investigations

No additions to text.

4.2.3.2 Field Investigation

No additions to text.

4.2.3.3 Screening Assessment

Figure 4-10 shows the results of the screening assessment and the sample locations for PRS 18-012(b).

4.2.3.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data had no QA/QC problems that affected data usability.

Uranium, the only radionuclide present, was not detected in soil at concentrations that exceeded the background UTL and, therefore, was not retained as a COPC.

4.2.3.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-012(b) is highly developed and disturbed, and the potential for receptors to come in contact with COPCs from the outfall is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). Uranium, the only radionuclide present, was not detected at concentrations greater than UTL in soils and, therefore, is not retained as an ecological COPC. However, the presence of other nonradiological ecological COPCs requires their inclusion in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.2.3.3.3 Risk Assessment

No risk assessment was conducted.

4.2.3.3.4 Data Interpretation

Uranium was detected at concentrations below background and, therefore, is not retained as a COPC.

4.2.3.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-012(b). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), this site is recommended for NFA under NFA Policy Criterion 4: the site has been characterized, and COPCs do not present an unacceptable risk to human health.

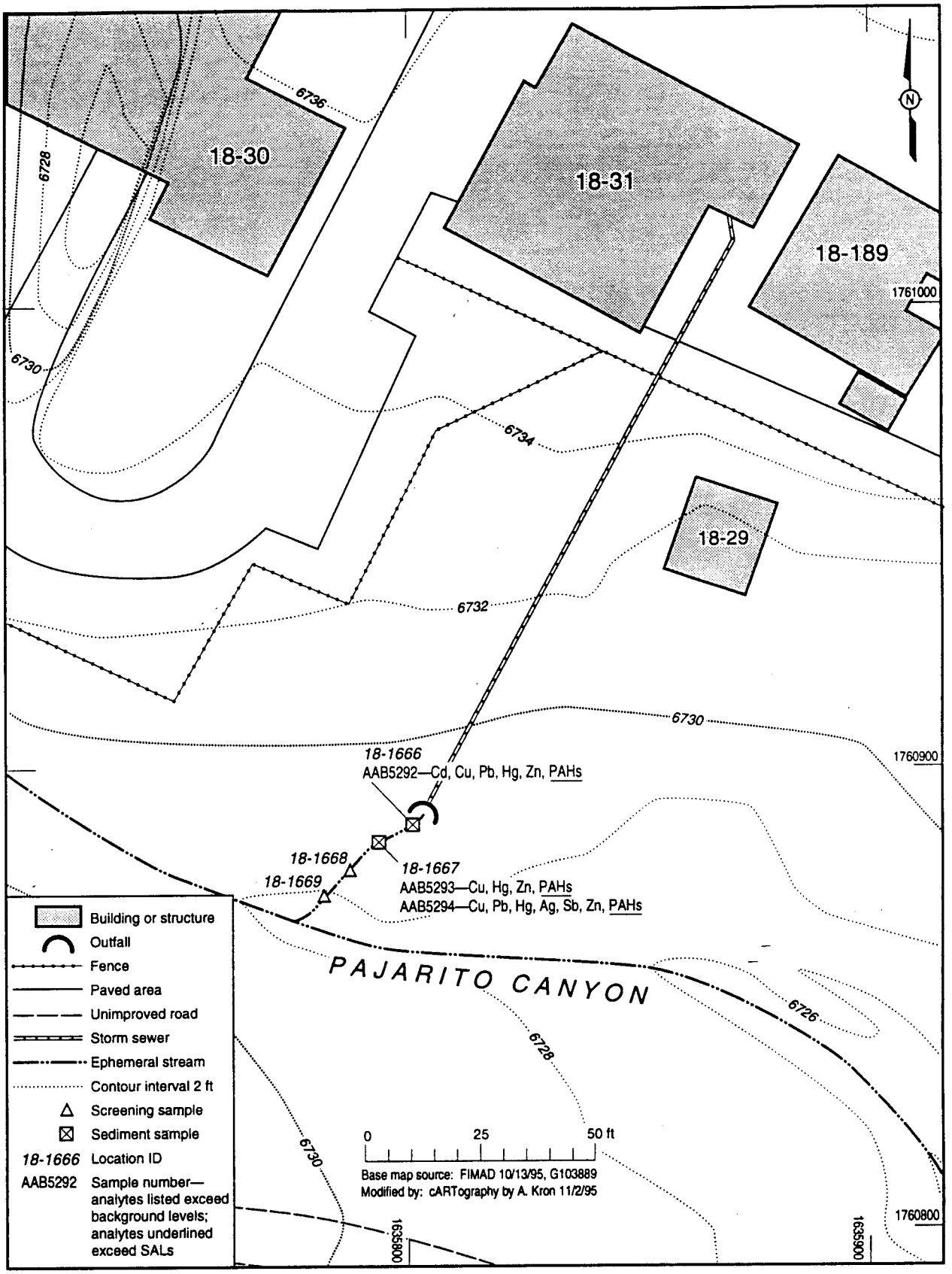

Figure 4-10. Sample locations and results of screening assessment for PRS 18-012(b).

4.2.4 PRS 18-012(c) – Sumps and Drainline

4.2.4.1 Previous Investigations

No additions to text.

4.2.4.2 Field Investigation

No additions to text.

4.2.4.3 Screening Assessment

Figure 4-11 shows the results of the screening assessment and the sampling locations for PRS18-012(c).

4.2.4.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data had no QA/QC problems that affected data usability.

No radionuclides were detected at concentrations greater than background UTLs and, therefore, none were retained as COPCs.

4.2.4.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-012(c) is highly developed and disturbed, and the potential for receptors to come in contact with COPCs from the outfall is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). However, radionuclides were not detected at concentrations greater than UTLs, and they are not retained as ecological COPCs. Therefore, this PRS will not be included in an ecological risk assessment.

4.2.4.3.3 Risk Assessment

No risk assessment was conducted.

4.2.4.3.4 Data Interpretation

No COPCs were retained at this site.

4.2.4.4 Conclusion and Recommendations

No human health COPCs are retained at PRS 18-012(c). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended under NFA Policy Criterion 4: the site has been characterized, and no COPCs are present.

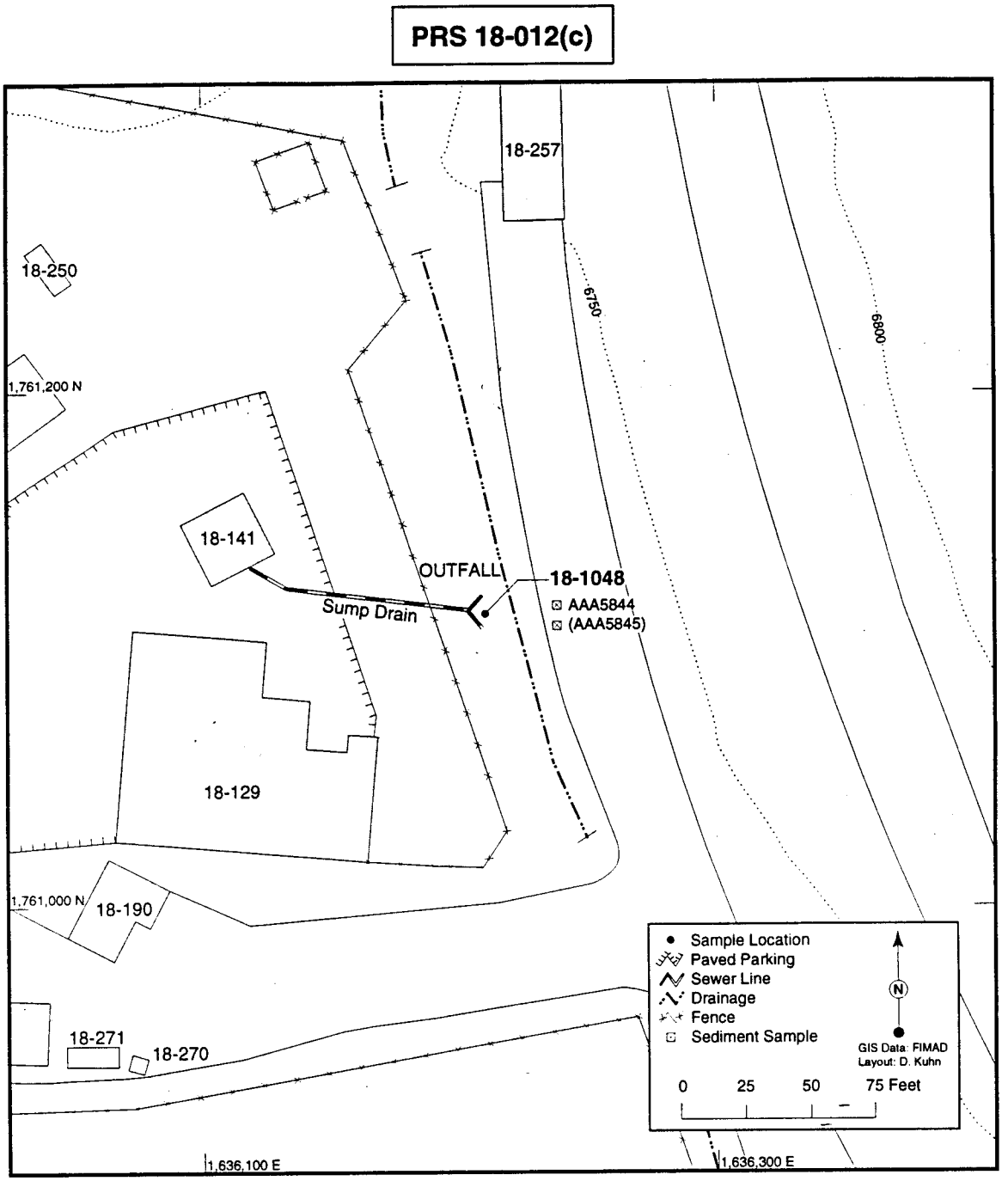

Figure 4-11. Sample locations and results of screening assessment for PRS 18-012(c).

4.2.5 PRS 18-013 – Waste Tank

4.2.5.1 Previous Investigations

No additions to text.

4.2.5.2 Field Investigation

No additions to text.

4.2.5.3 Screening Assessment

Figure 4-12 shows the results of the screening assessment and the sample locations for PRS 18-013.

4.2.5.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data did not present any QA/QC problems that affected data usability.

Plutonium-238 and -239 were detected in the backfill at concentrations greater than the background values (Table 4-38) and were carried forward to the screening assessment. Uranium was also detected, but at concentrations less than the background UTL and, therefore, was not retained as a COPC.

No radionuclides were present at concentrations greater than SALs. Those radionuclides with detected concentrations below SALs were subjected to an MCA (see below).

Multiple chemical analysis. Backfill from the pit and tank was the only medium from which samples were taken. Plutonium-238 and -239 met the criteria for inclusion in an MCA (Table 4-39). The sum of their maximum normalized concentrations is 0.0036, so neither was retained as a COPC.

4.2.5.3.2 Ecotoxicological Screening Assessment

No addition to text.

4.2.5.3.3 Risk Assessment

No risk assessment was conducted.

4.2.5.3.4 Data Interpretation

The concentrations of radionuclides detected in the backfill are only slightly above the background UTLs and may not be indicative of a release to the tank. No radionuclides were retained as COPCs.

4.2.5.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-013. The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended for this site under NFA Policy Criterion 4: the site has been characterized, and no COPCs are present.

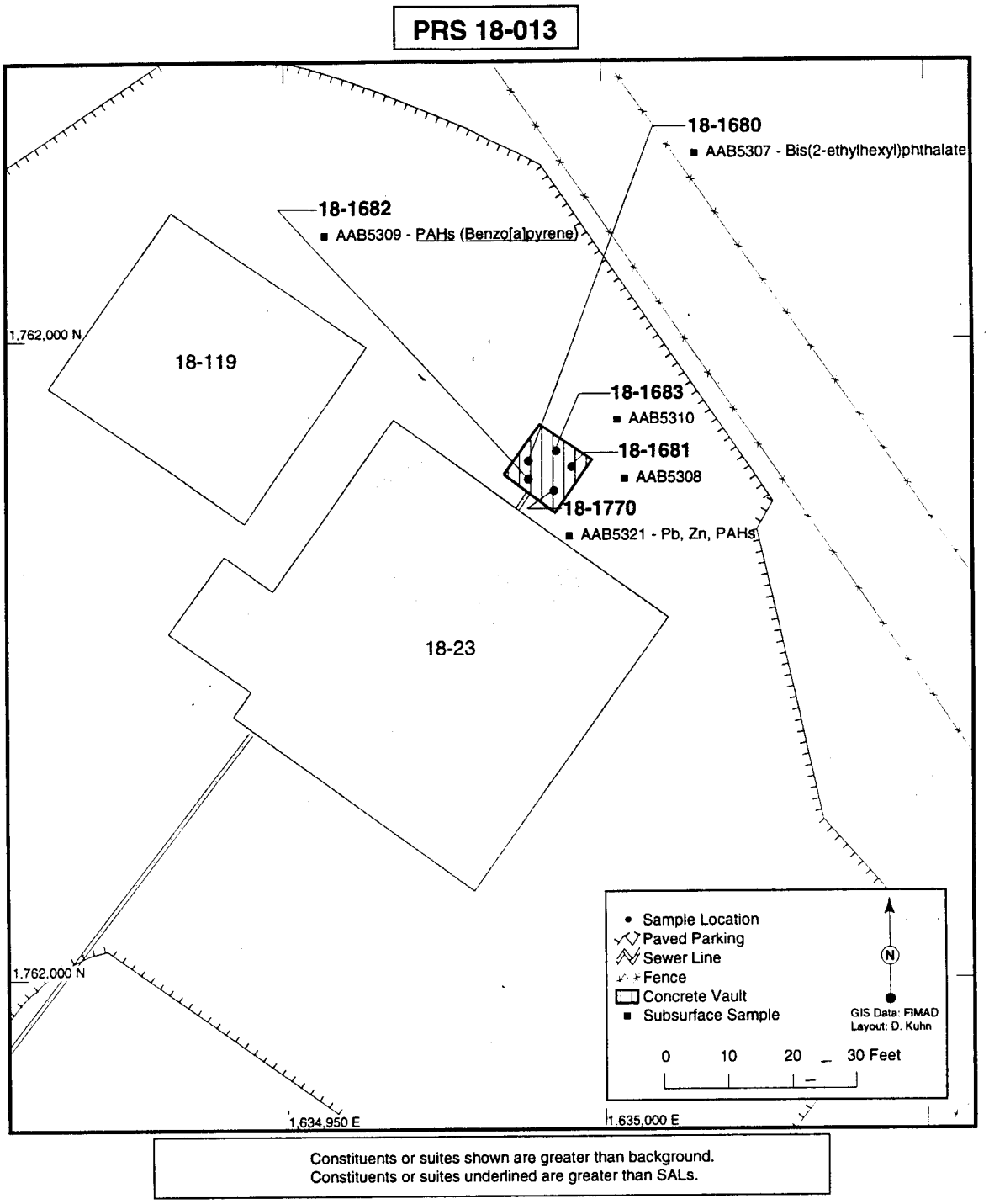

Figure 4-12. Sample locations and results of screening assessment for PRS 18-013.

TABLE 4-38
DATA COMPARISON FOR PRS 18-013

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Plutonium-238	18-1681	AAB5308	0-60	Backfill	0.02	0.014 (max)*	27	pCi/g	
Plutonium-239	18-1681	AAB5308	0-60	Backfill	0.04	0.052 (max)*	24	pCi/g	
	18-1682	AAB5309	0-60	Backfill	0.04	0.052 (max)*	24	pCi/g	
	18-1683	AAB5310	0-60	Backfill	0.04	0.052 (max)*	24	pCi/g	
	18-1770	AAB5321	0-60	Backfill	0.07	0.052 (max)*	24	pCi/g	

* Maximum measured value from environmental surveillance reports (Environmental Protection Group 1994, 1779).

TABLE 4-39
MULTIPLE CHEMICAL ANALYSIS – PRS 18-013

Analyte	Maximum Normalized Concentration
Backfill-Radionuclide	
Plutonium-238	0.0007
Plutonium-239	0.0029
Total	0.0036

4.3 Underground Storage Tank

4.3.1 PRS 18-008 – Underground Storage Tank

No additions to text.

4.4 Firing Sites

4.4.1 PRS 18-002(a) – Firing Site in Pajarito Canyon

4.4.1.1 Previous Investigations

No additions to text.

4.4.1.2 Field Investigation

No additions to text.

4.4.1.3 Screening Assessment

Figure 4-15 shows the results of the screening assessment and the sample locations for PRS 18-002(a).

4.4.1.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data had no QA/QC problems that affected data usability.

Several radionuclides were detected in the soil samples. Concentrations of thorium-228, -230, and -232 exceeded both the background UTLs and SALs for several samples, and these isotopes were retained as COPCs. Uranium, the remaining radioactive COPC, was not detected above the background UTL and was not retained as a COPC.

4.4.1.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-002(a) is moderately disturbed, and the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). In addition, the soils contain isotopic thorium concentrations that are slightly above background UTLs (Table 4-42A). Therefore, this PRS will be included in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.4.1.3.3 Risk Assessment

A baseline human health risk assessment was not conducted. However, preliminary remediation goals (PRGs) were calculated for thorium-228, -230, and -232 to determine if corrective action is warranted. The PRGs for these radionuclides were calculated for a nonintrusive industrial scenario, and based on external gamma, inhalation, and soil ingestion pathways and a 15 mrem/yr dose using RESRAD (version 5.61) and Laboratory-specific parameters (Appendix E). The PRGs calculated were 6.4 pCi/g, 15.3 pCi/g, and 3.6 pCi/g for thorium-228, -230, and -232, respectively.

4.4.1.3.4 Data Interpretation

Three radionuclides—thorium-228, -230, -232—were detected at concentrations greater than their SALs. The detected values were compared against the PRGs for each radionuclide to determine if they posed an unacceptable risk to human health. Thorium-228 and -232 were detected at 2.5 pCi/g, which is roughly equivalent to the background UTLs (2.47 pCi/g) and less than the PRGs for thorium-228 of 6.4 pCi/g and for thorium-232 of 3.6 pCi/g. Thorium-230 was detected at 2.5 to 3.4 pCi/g, which is approximately twice the background UTL (1.94 pCi/g), but less than the PRG of 15.3 pCi/g. As a result, these three radionuclides are not retained as COPCs because they are less than the individual PRGs.

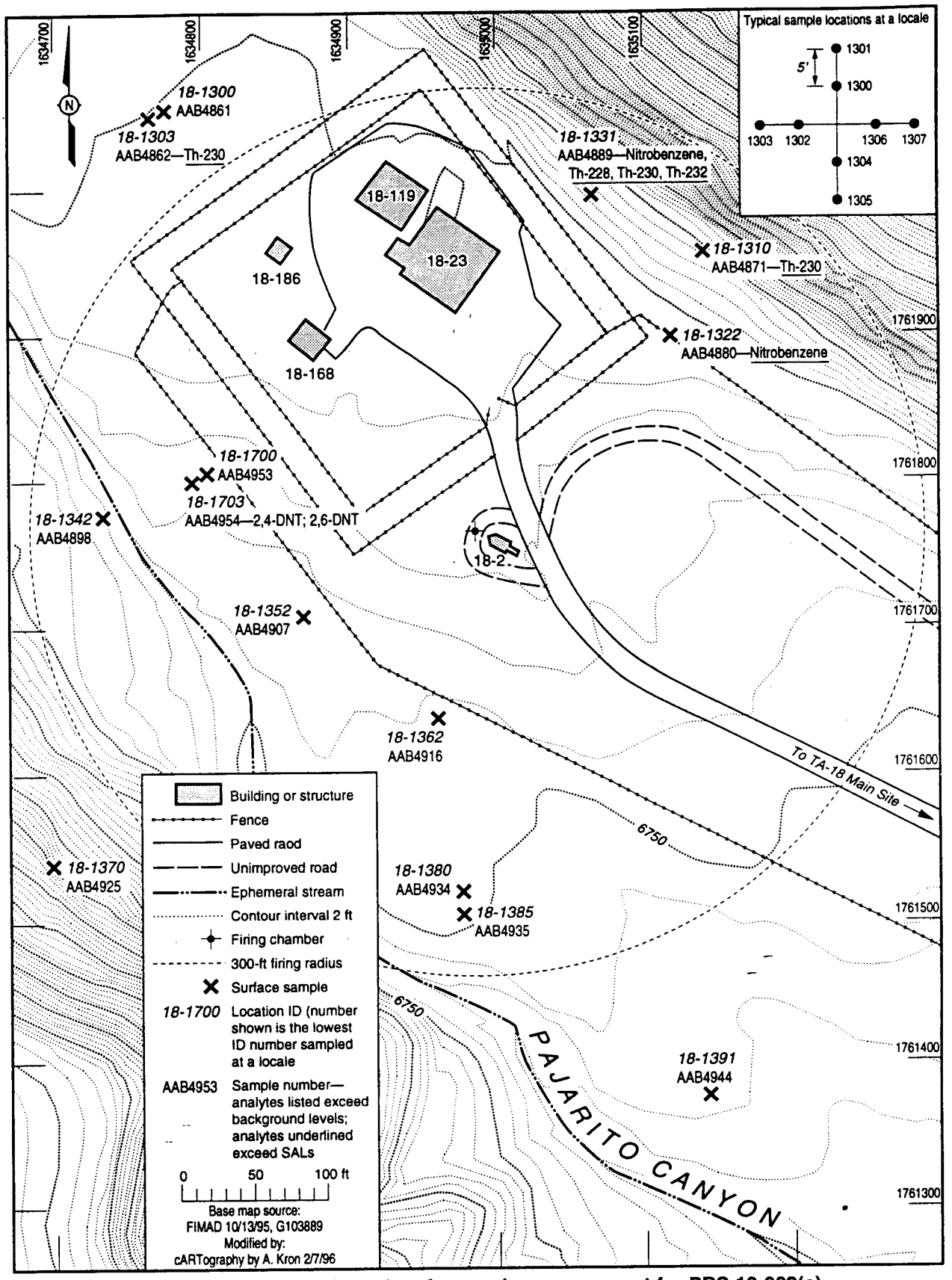

Figure 4-15. Sample locations and results of screening assessment for PRS 18-002(a).

In addition, because all three radionuclides were detected in one soil sample at one depth (0 to 12 in.), the cumulative risk for the thorium radioisotopes was determined by adding together the fractional contribution (i.e., the maximum site concentration/PRG) of each and then multiplying by 15 mrem/yr to determine whether a hazard may exist (Appendix E). The multiple chemical PRG analysis for thorium-228, -230, and -232 resulted in a dose of 19.5 mrem/yr, which is slightly above the 15 mrem/yr dose limit. Therefore, these radionuclides are eliminated as COPCs.

4.4.1.4 Conclusions and Recommendations

None of the radionuclides detected at PRS 18-002(a) were determined to be an unacceptable risk to human health. The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended for this site under NFA Policy Criterion 4: the site has been characterized, and COPCs do not present an unacceptable risk.

TABLE 4-42A
DATA COMPARISON FOR PRS 18-002(a)

Radionculides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Thorium-228	18-1331,1334, 1335,1337	AAB4889	0-12	Surface soil	2.5	2.47	1.7	pCi/g	X
Thorium-230	18-1303,1307	AAB4862	0-12	Surface soil	2.6	1.94	0.18	pCi/g	X
	18-1310,1312, 1313,1315	AAB4871	0-12	Surface soil	2.5	1.94	0.18	pCi/g	X
	18-1331,1334, 1335,1337	AAB4889	0-12	Surface soil	3.4	1.94	0.18	pCi/g	X
Thorium-232	18-1331,1334, 1335,1337	AAB4889	0-12	Surface soil	2.5	2.47	0.77	pCi/g	X

4.4.2 PRSs 18-002(b and c) – Firing Sites, Drop Tower in Threemile Canyon

4.4.2.1 Previous Investigations

No additions to text.

4.4.2.2 Field Investigation

No additions to text.

4.4.2.3 Screening Assessment

Figure 4-16 shows the results of the screening assessment and the sample locations.

4.4.2.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data had some QA/QC problems that affected data usability (Table 4-43A). The unusable data did not affect the screening assessment at this site because the valid data that were collected were adequate to determine if contamination is present.

Several radionuclides were detected in the soil samples. Thorium-228 and -232; uranium-234, -235, and -238; and uranium were detected at concentrations greater than the background UTLs (Table 4-44). Thorium-230, they remaining radioactive COPC, was detected at concentrations below the background UTL.

The thorium radioisotopes that were detected at concentrations above background UTLs were also greater than SALs and were retained as COPCs. The concentrations of uranium isotopes were below their SALs and were subjected to an MCA (see below).

Multiple chemical analysis. Uranium-234, -235, and -238 met the criteria for inclusion in an MCA (Table 4-45). The maximum normalized concentrations of these analytes totaled 0.2568; none of the analytes were retained as COPCs.

4.4.2.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRSs 18-002(b and c) is moderately disturbed, and the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). In addition, soils at the site contain uranium and isotopic uranium and thorium concentrations that are slightly above background UTLs (Table 4-44). Therefore, this PRS will be included in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.4.2.3.3 Risk Assessment

A baseline human health risk assessment was not conducted. However, a PRG was calculated for thorium-228 to determine if corrective action is warranted. The PRG for thorium-228 was calculated for a nonintrusive industrial scenario; and based on external gamma, inhalation, and soil ingestion pathways and a 15 mrem/yr dose using RESRAD (version 5.61) and Laboratory-specific parameters (Appendix E). The PRG for thorium-228 was calculated to be 6.4 pCi/g.

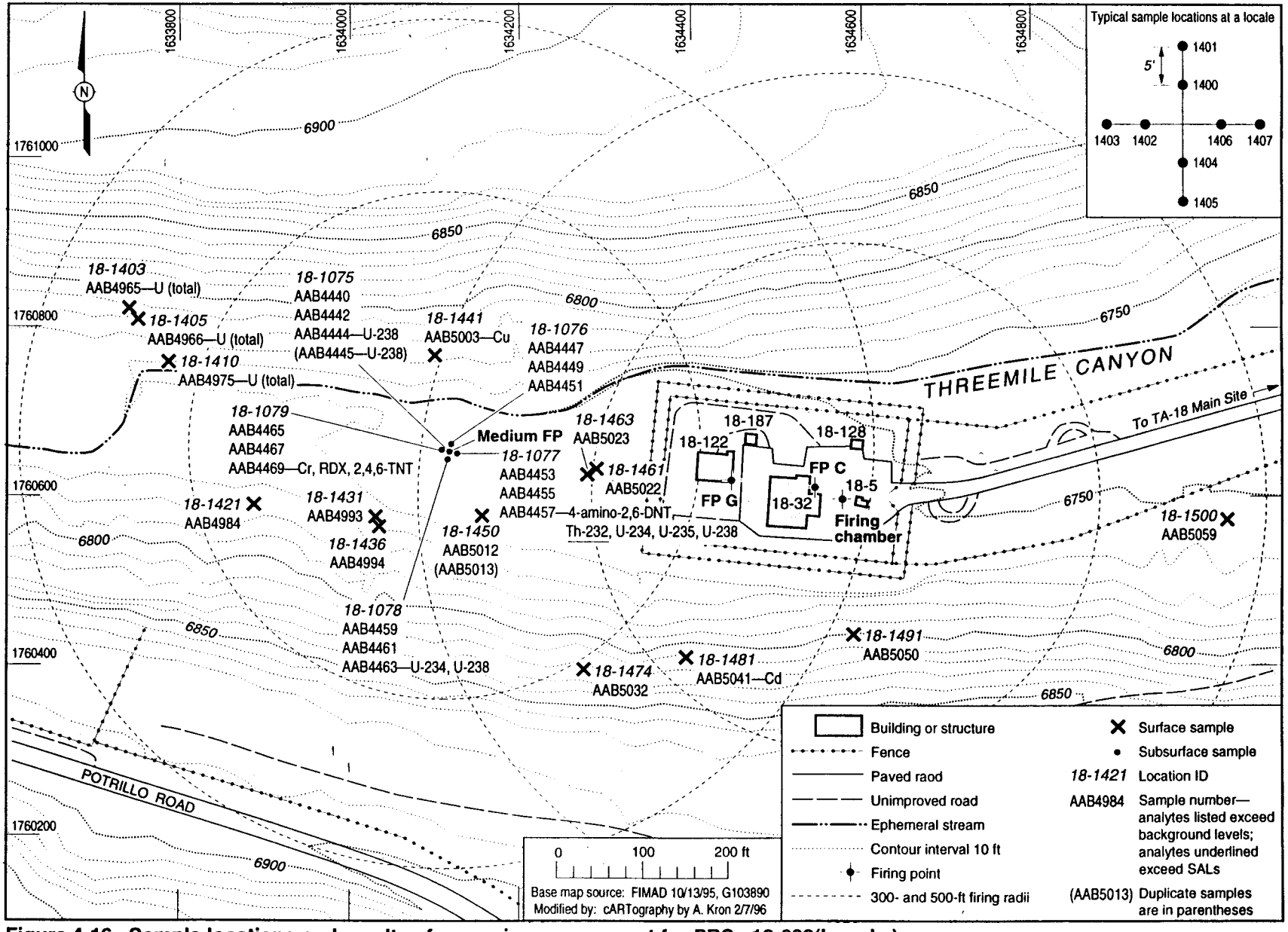

Figure 4-16. Sample locations and results of screening assessment for PRSs 18-002(b and c).

4.4.2.3.4 Data Interpretation

Two radionuclides—thorium-228 and -232—were detected at concentrations greater than their SALs at one sample location, but at different depths ((0 to 12 in. and 48 to 60 in., respectively). The detected value for thorium-228 was compared against its PRG to determine if it posed an unacceptable risk to human health. Thorium-228 was detected at 3.0 pCi/g, which is less than its PRG of 6.4 pCi/g and is not retained as a COPC. Thorium-232 was detected at 3.83 pCi/g, but is not retained as a COPC because it is highly unlikely that the site will be excavated and, therefore, no exposure pathway exists for this radionuclide.

Although both radionuclides were detected at one sample location, they were detected at different depths. Thorium-228 was detected in the surface soil (0 to 12 in.), while thorium-232 was detected in the subsurface soil (48 to 60 in.). Because it is unlikely that exposure to both radionuclides would occur simultaneously, the cumulative risk analysis for the thorium radioisotopes is not relevant. Therefore, a multiple chemical PRG analysis is not performed for the thorium radioisotopes.

4.4.2.4 Conclusions and Recommendations

None of the compounds detected at PRS 18-002(b) were determined to be an unacceptable risk to human health. Therefore, the results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended under NFA Policy Criterion 4: the site has been characterized, and COPCs do not present an unacceptable risk to human health.

NFA is also proposed for PRS 18-002(c) because the effects of this PRS are indistinguishable from those of the firing points identified as PRS 18-002(b).

TABLE 4-43A
SUMMARY OF DATA USABILITY PROBLEMS FOR PRS 18-002(b)

Request No.	Sample No.	Location No.	Sample Type	Analytes	Qualifier*	Comments
19474	AAB4444 AAB4445 AAB4447 AAB4453 AAB4461	18-1075 18-1075 18-1076 18-1077 18-1078	Tracer recovery	Thorium-228 Thorium-230 Thorium-232	R	Tracer recoveries of thorium-229 below acceptable limits. For recoveries <10%, the analytical data are unusable.

* See Section 3.1 for a description of the data qualifiers.

TABLE 4-44
DATA COMPARISON FOR PRS 18-002(b)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Thorium-228	18-077	AAB4453	24-36	Surface soil	3.0	2.7	1.7	pCi/g	X
Thorium-232	18-1077	AAB4457	48-60	Subsurface soil	3.83	2.47	0.77	pCi/g	X
Uranium-234	18-1077	AAB4457	48-60	Subsurface soil	2.47	1.94	13	pCi/g	
	18-1078	AAB4463	48-60	Subsurface soil	2.7	1.94	13	pCi/g	
Uranium-235	18-1077	AAB4457	48-60	Subsurface soil	0.088	0.084	10	pCi/g	
Uranium-238	18-1075	AAB4444	48-60	Subsurface soil	2.38	1.82	67	pCi/g	
		AAB4445	48-60	Subsurface soil	2.49	1.82	67	pCi/g	
	18-1077	AAB4457	48-60	Subsurface soil	2.39	1.82	67	pCi/g	
	18-1078	AAB4463	48-60	Subsurface soil	2.7	1.82	67	pCi/g	
Uranium	18-1403,1404	AAB4965	0-12	Surface soil	24.4	5.45	130	mg/kg	
	18-1405,1407	AAB4966	0-12	Surface soil	18.8	5.45	130	mg/kg	
	18-1410,1411, 1413,1414	AAB4975	0-12	Surface soil	6.14	5.45	130	mg/kg	

TABLE 4-45
MULTIPLE CHEMICAL ANALYSIS – PRS 18-002(b)

Analyte	Maximum Normalized Concentration
Soi - Radionuclide	
Uranium-234	0.2077
Uranium-235	0.0088
Uranium-238	0.0403
Total	0.2568

4.4.3 PRS 27-002 – Firing Site

4.4.3.1 Previous Investigations

No additions to text.

4.4.3.2 Field Investigation

No additions to text.

4.4.3.3 Screening Assessment

Figure 4-17 shows the results of the screening assessment and the sample locations.

4.4.3.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data had a QA/QC problem that affected data usability for one sample (Table 4-48). The unusable data did not affect the screening assessment at this site because the valid data that were collected were adequate to determine if contamination is present.

Several radionuclides were detected in the soil samples. Those radionuclides detected at concentrations greater than the background UTLs are presented in Table 4-49. The isotopes of uranium and thorium that were undetected or were detected at concentrations less than the background UTLs were not retained as COPCs.

Thorium-230 was detected at concentrations that exceeded its SAL and was retained as a COPC (Table 4-49). The remaining radionuclides were below SALs and were subjected to an MCA (see below).

Multiple chemical analysis. Three radionuclides met the criteria for inclusion in an MCA (uranium was not included because its isotopes were analyzed and used in the MCA) (Table 4-50). The maximum normalized concentrations of these analytes totaled 0.9326. As a result, none were retained as COPCs.

4.4.3.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 27-002 is moderately disturbed, but the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). In addition, soils at the site contain concentrations of thorium-230 that are above background UTLs (Table 4-49). Therefore, this PRS will be included in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.4.3.3.3 Risk Assessment

A baseline human health risk assessment was not conducted. However, the PRG was calculated for thorium-230 to determine if corrective action is warranted. The PRG for this radionuclide was calculated for a nonintrusive industrial scenario, and based on external gamma, inhalation, and soil ingestion pathways and a 15 mrem/yr dose using RESRAD (version 5.61) and Laboratory-specific parameters (Appendix E). The PRG for thorium-230 was calculated to be 15.3 pCi/g.

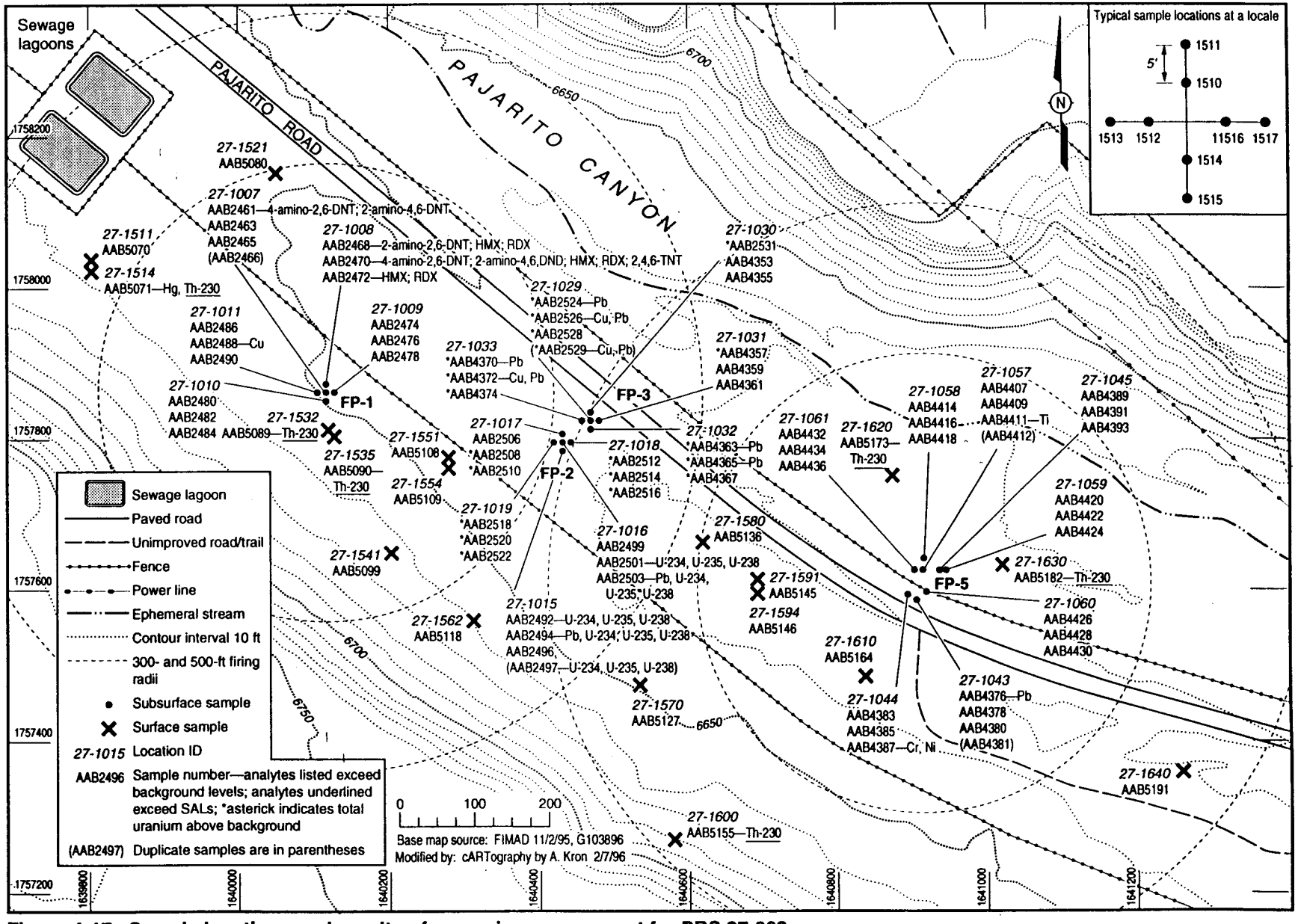

Figure 4-17. Sample locations and results of screening assessment for PRS 27-002.

4.4.3.3.4 Data Interpretation

One radionuclide—thorium-230—was detected at concentrations greater than its SAL in the surface soil. The detected values were compared against the PRG for the radionuclide to determine if they posed an unacceptable risk to human health. Thorium-230 was detected at concentrations ranging from 2.2 to 5.6 pCi/g, which is less than the PRG of 15.3 pCi/g. As a result, this radionuclide is not retained as a COPC because it is less than the PRG and does not pose an unacceptable risk to human health.

4.4.3.4 Conclusions and Recommendations

None of the radionuclides detected at PRS 27-002 were determined to pose an unacceptable risk to human health. Therefore, the results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended under NFA Policy Criterion 4: the site has been characterized, and COPCs do not present an unacceptable risk to human health.

TABLE 4-48
SUMMARY OF DATA USABILITY PROBLEMS FOR PRS 27-002

Request No.	Sample No.	Location No.	Sample Type	Analytes	Qualifier*	Comments
19474	AAB4467 AAB4407	27-1657	Tracer recovery	Thorium-228 Thorium-230 Thorium-232	R	Tracer recovery for thorium-229 <10%, analytical data unusable.
19480	AAB2499	27-1016	Tracer recovery	Thorium-228 Thorium-230 Thorium-232	R	Tracer recovery 3.5%; if recovery <10%, analytical data unusable.

* See Section 3.1 for a description of the data qualifiers.

TABLE 4-49
DATA COMPARISON FOR PRS 27-002

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Thorium-230	27-1514	AAB5071	0-12	Surface soil	3.5	1.94	0.18	pCi/g	X
	27-1532	AAB5089	0-12	Surface soil	2.3	1.94	0.18	pCi/g	X
		AAB5090	0-12	Surface soil	2.2	1.94	0.18	pCi/g	X
	27-1600	AAB5155	0-12	Surface soil	3.8	1.94	0.18	pCi/g	X
	27-1620	AAB5173	0-12	Surface soil	3.9	1.94	0.18	pCi/g	X
	27-1630	AAB5182	0-12	Surface soil	5.6	1.94	0.18	pCi/g	X
Uranium	27-1017	AAB2508	25-38	Subsurface soil	10.6	5.45	130	mg/kg	
		AAB2510	48-60	Subsurface soil	33.3	5.45	130	mg/kg	
	27-1018	AAB2512	25-35	Subsurface soil	5.47	5.45	130	mg/kg	
		AAB2514	48-60	Subsurface soil	29.5	5.45	130	mg/kg	
		AAB2516	0-12	Surface soil	12.4	5.45	130	mg/kg	
	27-1019	AAB2518	0-12	Surface soil	10.2	5.45	130	mg/kg	
		AAB2520	25-35	Subsurface soil	51.5	5.45	130	mg/kg	
		AAB2522	48-54	Subsurface soil	12.6	5.45	130	mg/kg	
	27-1029	AAB2524	0-12	Surface soil	11.1	5.45	130	mg/kg	
		AAB2526	30-42	Subsurface soil	44.3	5.45	130	mg/kg	
		AAB2528	48-60	Subsurface soil	32.8	5.45	130	mg/kg	
		AAB2529	48-60	Subsurface soil	16	5.45	130	mg/kg	
	27-1030	AAB2531	0-12	Surface soil	8.4	5.45	130	mg/kg	
	27-1031	AAB4357	0-12	Surface soil	7.27	5.45	130	mg/kg	
	27-1032	AAB4363	0-12	Surface soil	22.9	5.45	130	mg/kg	
		AAB4365	30-42	Subsurface soil	11.4	5.45	130	mg/kg	
		AAB4367	48-60	Subsurface soil	7.86	5.45	130	mg/kg	
	27-1033	AAB4370	0-12	Surface soil	7.38	5.45	130	mg/kg	
		AAB4372	30-42	Subsurface soil	28	5.45	130	mg/kg	
		AAB4374	42-54	Subsurface soil	30.6	5.45	130	mg/kg	

TABLE 4-49
DATA COMPARISON FOR PRS 27-002
(concluded)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Uranium-234	27-1015	AAB2492	0-16	Surface soil	2.25	1.94	13	pCi/g	
		AAB2494	25-36	Subsurface soil	5.0	1.94	13	pCi/g	
		AAB2497	50-60	Subsurface soil	2.92	1.94	13	pCi/g	
	27-1016	AAB2501	25-36	Subsurface soil	4.81	1.94	13	pCi/g	
		AAB2503	50-60	Subsurface soil	9.67	1.94	13	pCi/g	
Uranium-235	27-1015	AAB2492	0-16	Surface soil	0.12	0.08	10	pCi/g	
		AAB2494	25-36	Subsurface soil	0.23	0.08	10	pCi/g	
		AAB2497	50-60	Subsurface soil	0.13	0.08	10	pCi/g	
	27-1016	AAB2501	25-36	Subsurface soil	0.21	0.08	10	pCi/g	
		AAB2503	50-60	Subsurface soil	0.42	0.08	10	pCi/g	
Uranium-238	27-1015	AAB2492	0-16	Surface soil	2.32	1.82	67	pCi/g	
		AAB2494	25-36	Subsurface soil	4.93	1.82	67	pCi/g	
		AAB2497	50-60	Subsurface soil	2.98	1.82	67	pCi/g	
	27-1016	AAB2501	25-36	Subsurface soil	5	1.82	67	pCi/g	
		AAB2503	50-60	Subsurface soil	9.84	1.82	67	pCi/g	

TABLE 4-50
MULTIPLE CHEMICAL ANALYSIS – PRS 27-002

Analyte	Maximum Normalized Concentration
Soil - Radionuclide	
Uranium-234	0.7438
Uranium-235	0.0419
Uranium-238	0.1469
Total	0.9326

4.5 Sites with Potentially Contaminated Soil

4.5.1 PRS 18-005(a) – Magazine Site

4.5.1.1 Previous Investigations

No additions to text.

4.5.1.2 Field Investigation

No additions to text.

4.5.1.3 Screening Assessment

4.5.1.3.1 Comparison with Background/SALs

Radionuclides. No radionuclides data had QA/QC problems that affected data usability.

Uranium and thorium, the radioactive COPCs for this site, were not detected in the soil at concentrations greater than the background UTLs and were not retained as COPCs.

4.5.1.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS18-005(a) is moderately developed and disturbed, and the potential for receptors to come in contact with COPCs is low (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). No radionuclides were detected at concentrations greater than UTLs in soils, so no ecological COPCs were retained. Therefore, this PRS will not be included in an ecological risk assessment.

4.5.1.3.3 Risk Assessment

No risk assessment was conducted.

4.5.1.3.4 Data Interpretation

All of the radionuclides are present at concentrations below background, so none are retained as COPCs.

4.5.1.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-005(a). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended under NFA Policy Criterion 4: the site has been characterized, and no COPCs were present.

4.5.2 PRS 18-011 – Building 18-22 Site

Radionuclides are not potential contaminants at this site.

4.6 Storm Drains

4.6.1 PRS 18-010(b) - Storm Drain Outfall

4.6.1.1 Previous Investigations

No additions to text.

4.6.1.2 Field Investigation

No additions to text.

4.6.1.3 Screening Assessment

Figure 4-22 shows the results of the screening assessment and the sample locations for PRS 18-010(b).

4.6.1.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data presented no QA/QC problems that affected data usability.

Uranium, the only radioactive COPC, was detected in the surface soil at concentrations greater than its background UTL (Table 4-55) but less than its SAL and, therefore, was not retained as a COPC.

4.6.1.3.2 Ecotoxicological Assessment

The general landscape condition around PRS 18-010(b) is highly disturbed, but the potential for receptors to come in contact with COPCs at this outfall is moderate (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). Soils at this site contain uranium concentrations that are above background UTLs (Table 4-55). Therefore, this PRS will be included in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.6.1.3.3 Risk Assessment

No risk assessment was conducted.

4.6.1.3.4 Data Interpretation

No radioactive COPCs were retained at this PRS.

4.6.1.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-010(b). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended for this site under NFA Policy Criterion 4: the site has been characterized, and no COPCs were present.

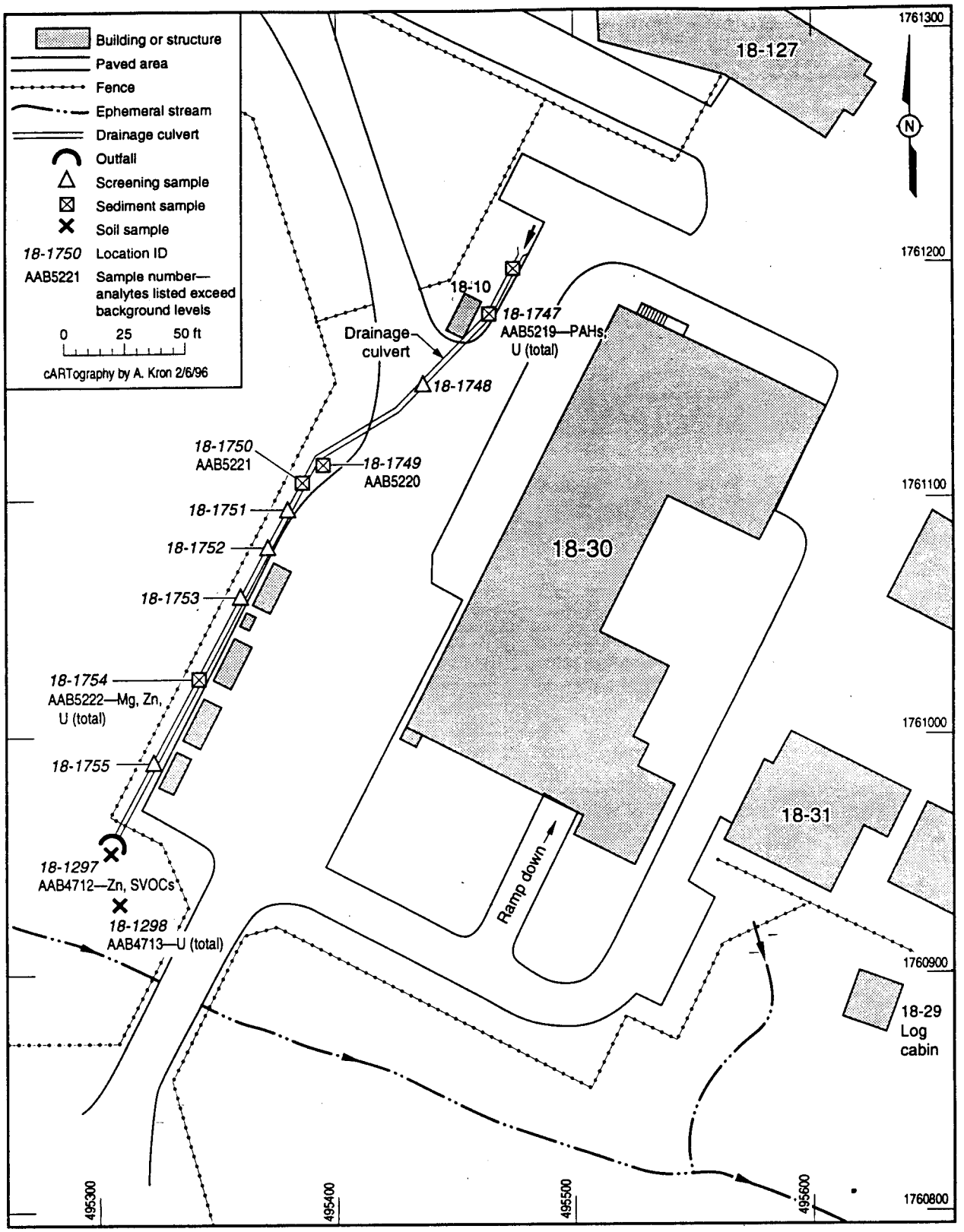

Figure 4-22. Sample locations and results of screening assessment for PRS 18-010(b).

TABLE 4-55
DATA COMPARISON FOR PRS 18-010(b)

Radionuclides									
Analyte	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Uranium	18-1298	AAB4713	0-6	Surface soil	20.4	5.45	29	mg/kg	
	18-1747	AAB5219	0-6	Surface soil	9.96	5.45	29	mg/kg	
	18-1754	AAB5222	0-6	Surface soil	7.54	5.45	29	mg/kg	

4.6.2 PRS 18-010(c) – Storm Drain Outfall

4.6.2.1 Previous Investigations

No additions to text.

4.6.2.2 Field Investigation

No additions to text.

4.6.2.3 Screening Assessment

Figure 4-23 shows the results of the screening assessment and the sample locations.

4.6.2.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data did not present any QA/QC problems that affected data usability.

Uranium, the only radioactive COPC, was not detected in the sediment at concentrations greater than the background UTL and was, therefore not retained as a COPC.

4.6.2.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-010(c) is highly developed and disturbed, and the potential for receptors to come in contact with COPCs from the outfall is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). No radionuclides were detected at concentrations greater than UTLs in soils. However, the presence of other nonradioactive ecological COPCs requires their inclusion in an ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RF report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.6.2.3.3 Risk Assessment

No risk assessment was conducted.

4.6.2.3.4 Data Interpretation

No COPCs are retained at this PRS.

4.6.2.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-010(c). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended for this PRS under NFA Policy Criterion 4: the site has been characterized, and no COPCs were present.

PRS 18-010(c)

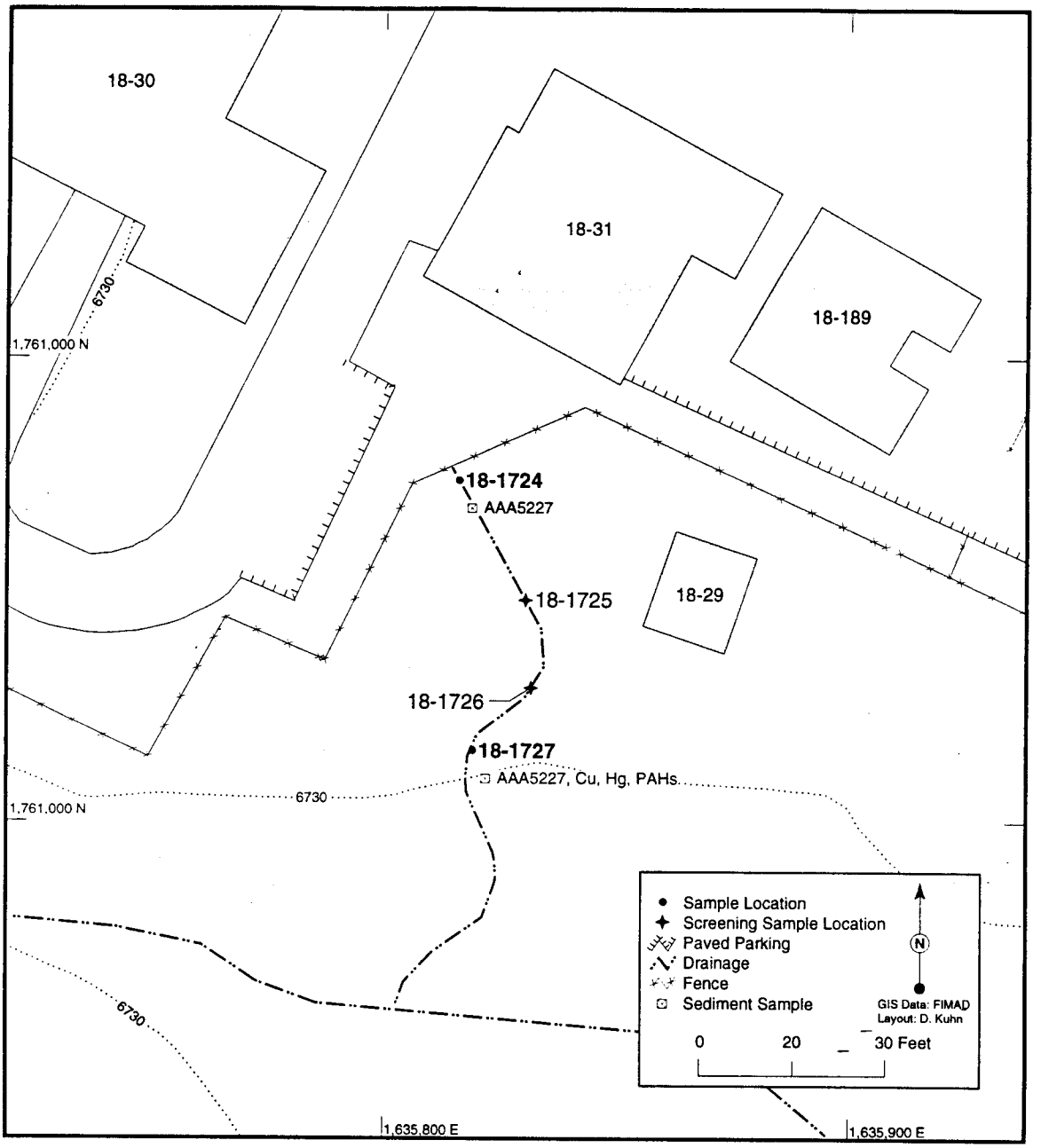

Figure 4-23. Sample locations and results of screening assessment for PRS 18-010(c).

4.6.3 PRS 18-010(d) – Drainage Collection Area

4.6.3.1 Previous Investigations

No additions to text.

4.6.3.2 Field Investigation

No additions to text.

4.6.3.3 Screening Assessment

Figure 4-24 shows the results of the screening assessment and the sample locations.

4.6.3.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data did not present any QA/QC problems that affected data usability.

Uranium, the only radioactive COPC, was not detected in the sediment at concentrations greater than the background UTL and was, therefore, not retained as a COPC.

4.6.3.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-010(d) is highly developed and disturbed, and the potential for receptors to come in contact with COPCs from the outfall is low (Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). No radionuclides were detected at concentrations greater than UTLs in soils. However, the presence of other nonradioactive ecological COPCs requires their inclusion in an ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 20 of the RF report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.6.3.3.3 Risk Assessment

No risk assessment was conducted.

4.6.3.3.4 Data Interpretation

No COPCs are retained at this PRS.

4.6.3.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-010(d). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended for this site under NFA Policy Criterion 4: the site has been characterized, and no COPCs were present.

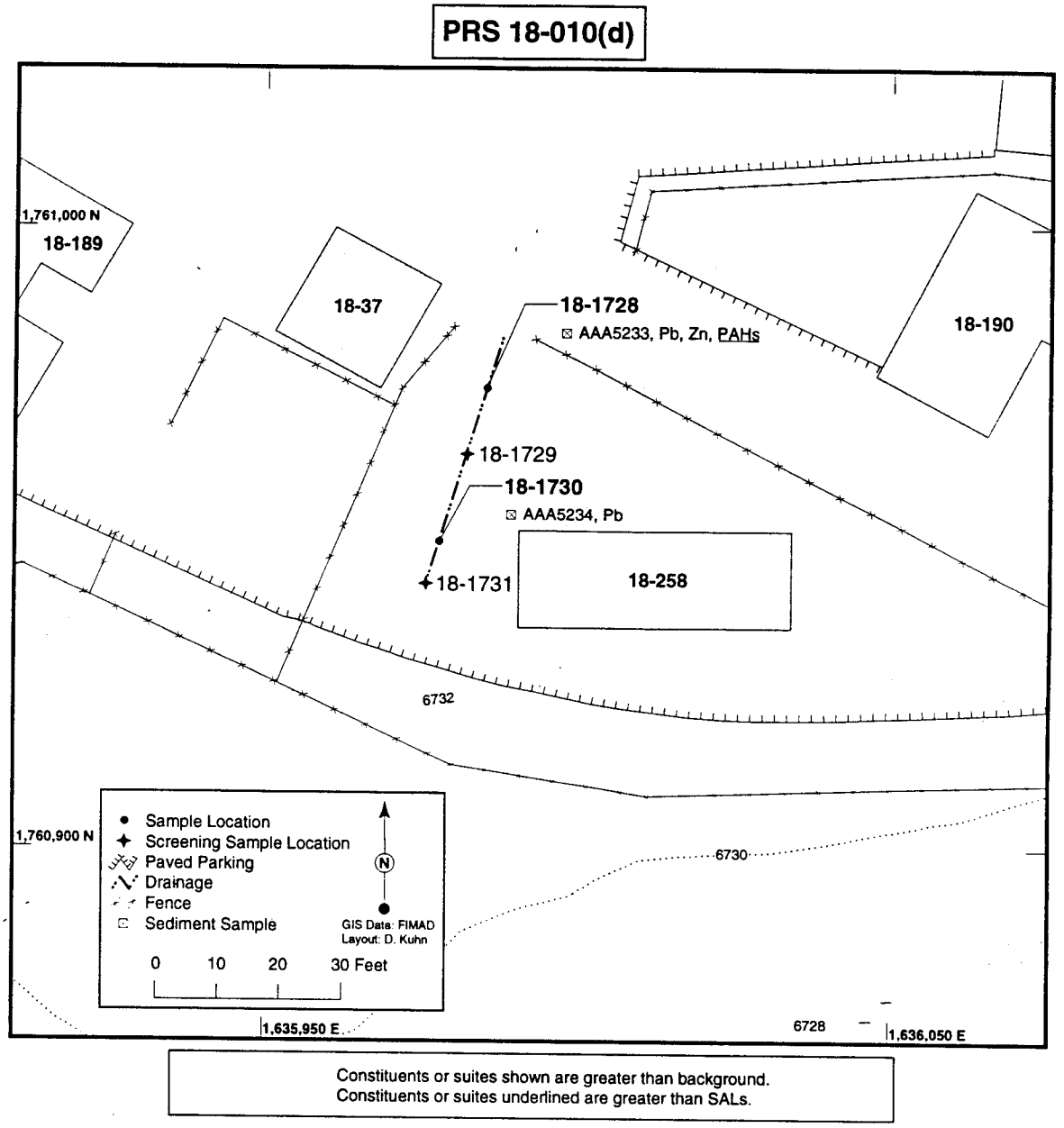

Figure 4-24. Sample locations and results of screening assessment for PRS 18-010(d).

4.6.4 PRS 18-010(e) – Storm Drain Outfall

4.6.4.1 Previous Investigations

No additions to text.

4.6.4.2 Field Investigation

No additions to text.

4.6.4.3 Screening Assessment

Figure 4-25 shows the results of the screening assessment and the sample locations.

4.6.4.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data presented no QA/QC problems that affected data usability.

Uranium, the only radioactive COPC, was not detected in the sediments at concentrations greater than the background UTL and was, therefore, not retained as a COPC.

4.6.4.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS 18-010(e) is highly developed and disturbed, and the potential for receptors to come in contact with COPCs from the outfall is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). No radionuclides were detected at concentrations greater than UTLs in soils. However, the presence of other nonradioactive ecological COPCs requires their inclusion in an ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.6.4.3.3 Risk Assessment

No risk assessment was performed.

4.6.4.3.4 Data Interpretation

No COPCs were retained at this PRS.

4.6.4.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-010(e). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended for this site under NFA Policy Criterion 4: the site has been characterized, and no COPCs were present.

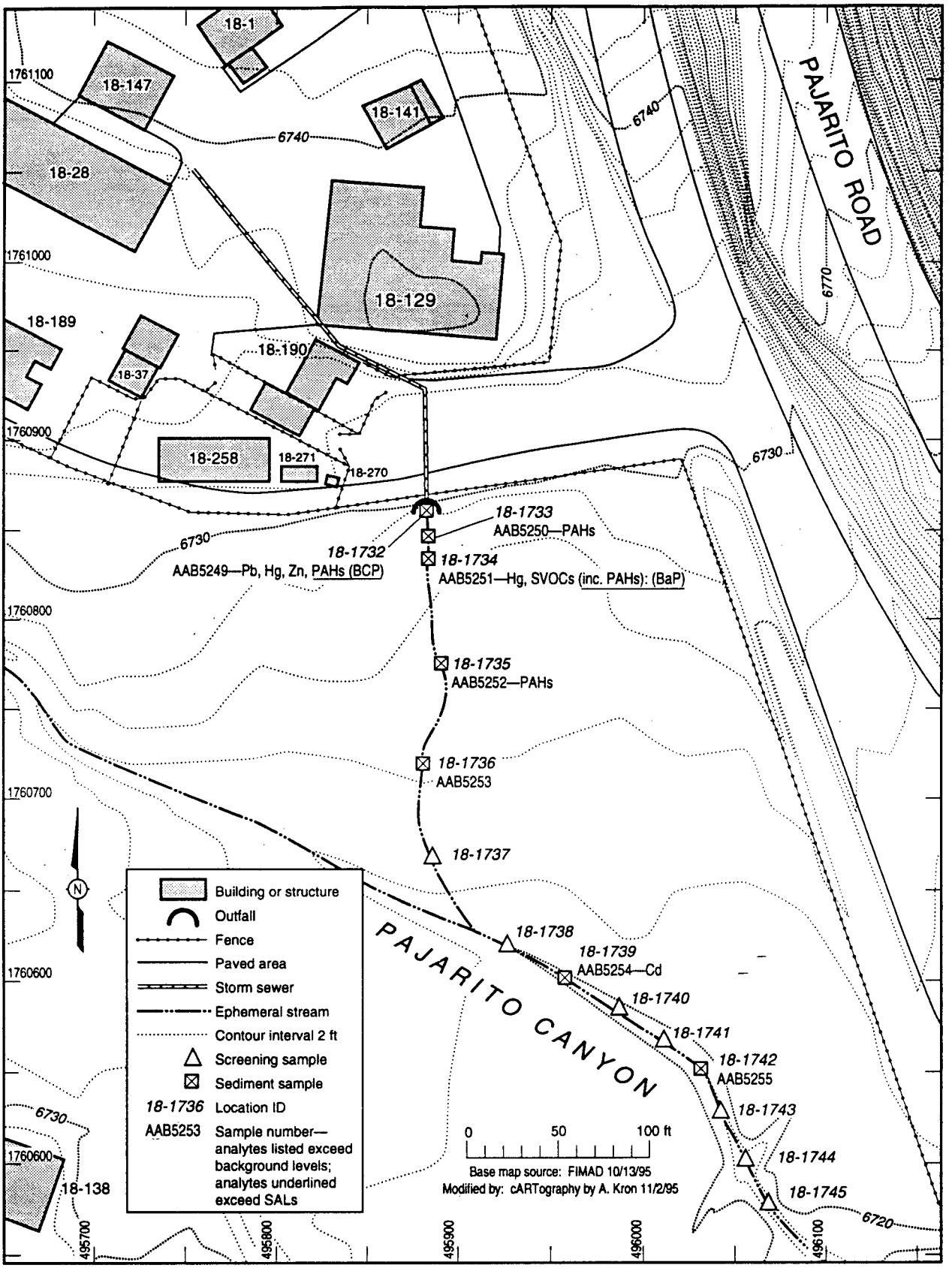

Figure 4-25. Sample locations and results of screening assessment for PRS 18-010(e).

4.6.5 PRS 18-010(f) — Storm Drain Outfall

4.6.5.1 Previous Investigations

No additions to text.

4.6.5.2 Field Investigation

No additions to text.

4.6.5.3 Screening Assessment

Figure 4-26 shows the results of the screening assessment and the sample locations for PRS 18-010(f).

4.6.5.3.1 Comparison with Background/SALs

Radionuclides. The radionuclide data presented no QA/QC problems that affected data usability.

No radionuclides were detected in the sediments at concentrations greater than the background UTLs. Therefore, none of the radionuclides were retained as COPCs.

4.6.5.3.2 Ecotoxicological Screening Assessment

The general landscape condition around PRS18-010(f) is moderately developed and disturbed, and the potential for receptors to come in contact with COPCs from the outfall is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). No radionuclides were detected at concentrations greater than UTLs in soils. However, the presence of other nonradioactive ecological COPCs requires their inclusion in an ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.[illegible] of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.6.5.3.3 Risk Assessment

No risk assessment was conducted.

4.6.5.3.4 Data Interpretation

No COPCs are retained at this PRS.

4.6.5.4 Conclusions and Recommendations

No human health COPCs are retained at PRS 18-010(f). The results of the radionuclide screening assessment do not change the proposed action. As indicated in the RFI report (Environmental Restoration Project 1995, 1283), NFA is recommended for this site under NFA Policy Criterion 4: the site has been characterized, and no COPCs were present.

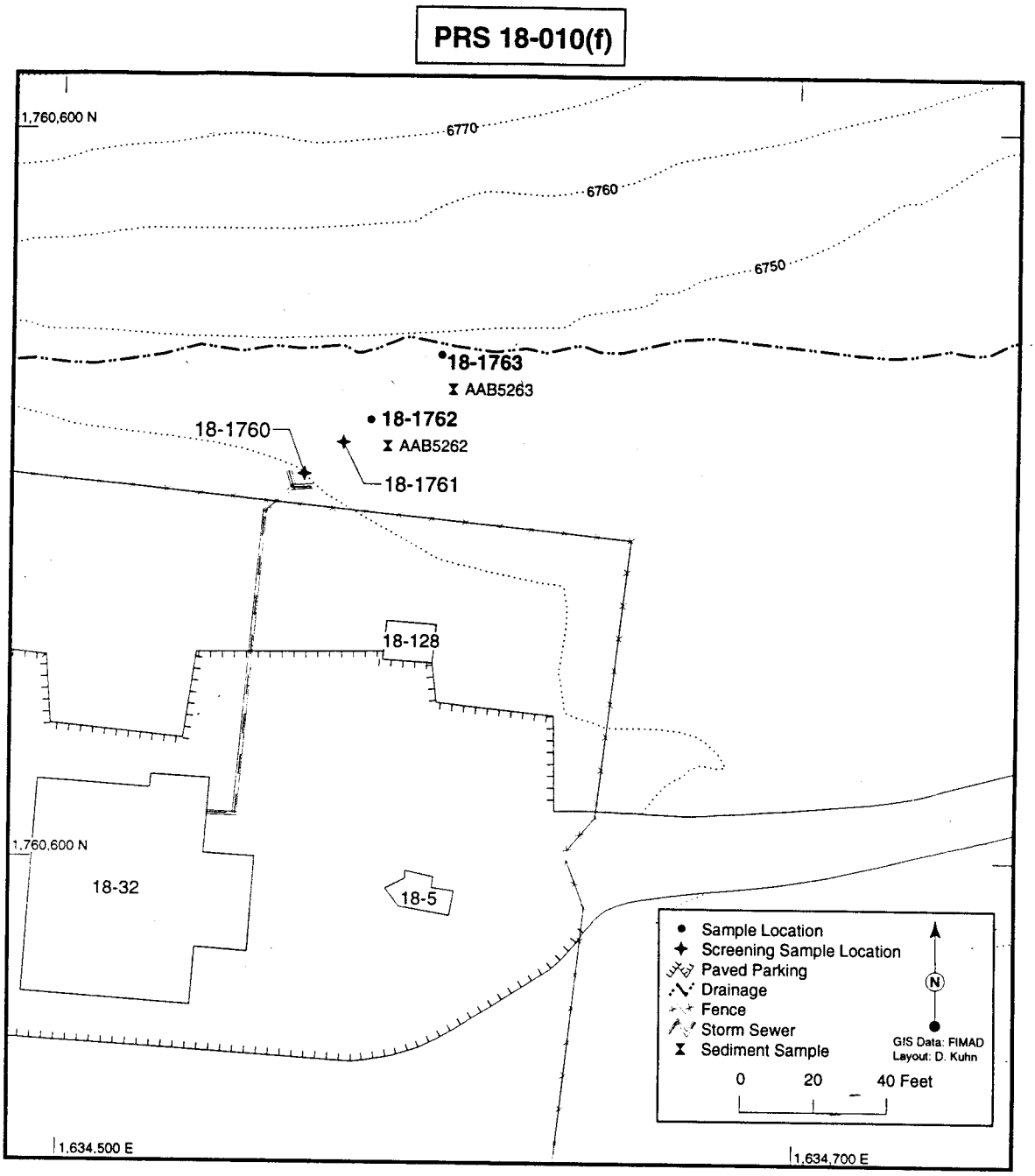

Figure 4-26. Sample locations and results of screening assessment for PRS 18-010(f).

4.7 Groundwater Sampling

4.7.1 PCO Wells

4.7.1.1 Previous Investigations

No additions to text.

4.7.1.2 Field Investigation

No additions to text.

4.7.1.3 Screening Assessment

Figure 4-28 shows the results of the screening assessment and the sample locations.

4.7.1.3.1 Comparison with Background/SALs

Radionuclides. Three plutonium-238 sample results were unusable because recovery of the blind QC sample was less than 10% (Table 4-75). The unusable data did not affect the screening assessment at this site because the valid data that were collected were adequate to determine if contamination is present.

Several radionuclides were detected in both filtered and unfiltered groundwater samples at concentrations greater than the site-specific background values (Table 4-76). These radionuclides, as well as those that did not have a site-specific background value, were carried forward to the SAL comparison stage.

No radionuclides were detected at concentrations greater than their SALs. An MCA was not performed because the sampling objective was to characterize general groundwater conditions downgradient from TA-18 rather than to evaluate the need for corrective action at one or more PRSs.

4.7.1.3.2 Ecotoxicological Screening Assessment

No addition to text.

4.7.1.3.3 Risk Assessment

No human health risk assessment was conducted.

4.7.1.3.4 Data Interpretation

No COPCs are retained at any of the PCO wells.

4.7.1.4 Conclusions and Recommendations

No human health COPCs are retained for the PCO wells. The radionuclide data indicate that there has been, at most, minimal input of radionuclide material into the groundwater from TA-18.

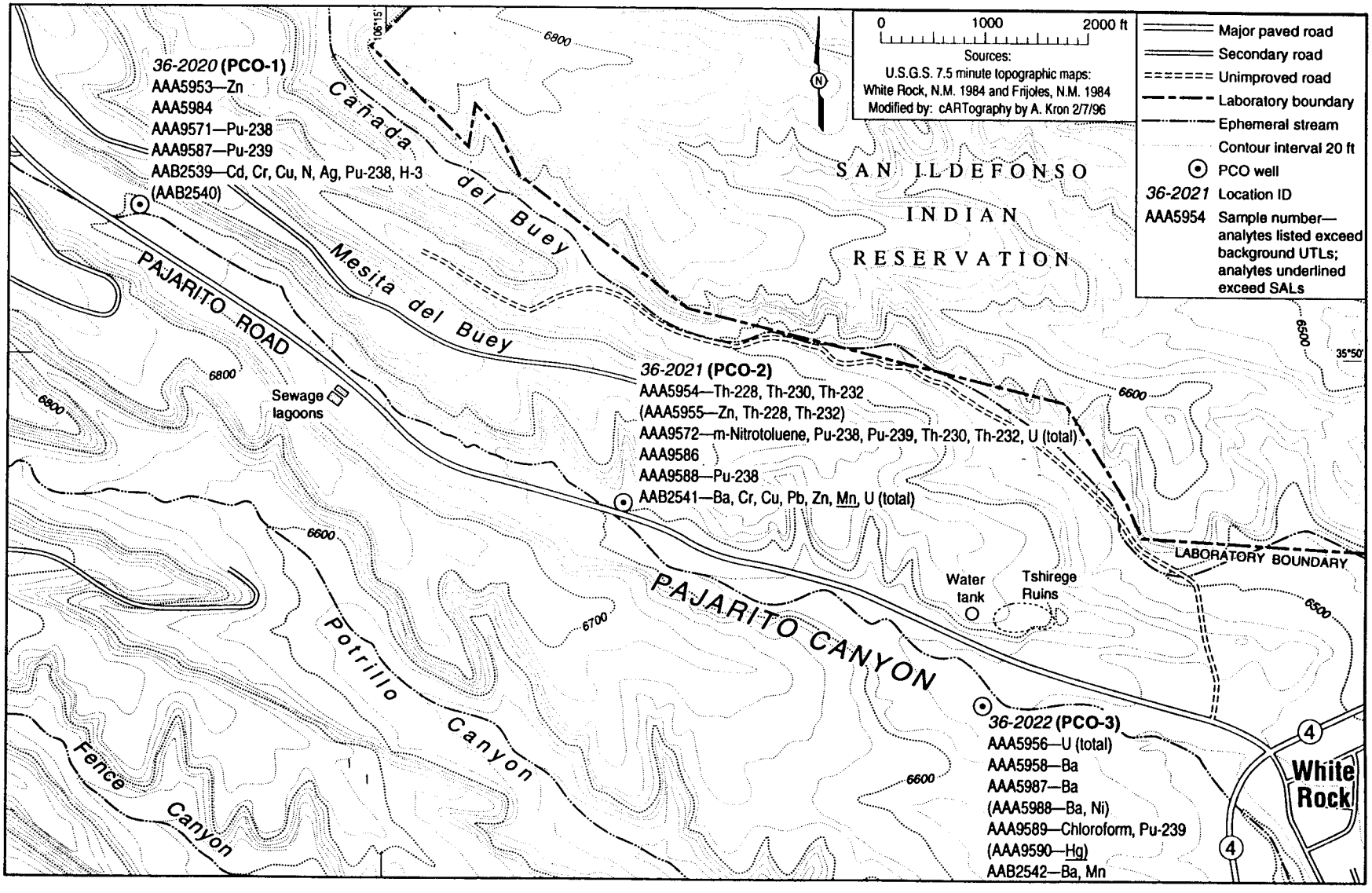

Figure 4-28. Sample locations and results of screening assessment for PCO wells.

TABLE 4-75
SUMMARY OF DATA USABILITY PROBLEMS FOR THE PCO WELLS

Request No.	Sample ID	Well	Location No.	Sample Type	Analytes	Qualifier*	Comments
16796	AAA5984	PCO-1	36-2020	Blind	Plutonium-238	R	Percent recovery of blind QC sample <10%; data unusable.
16799	AAA5987 AAA5988	PCO-3	36-2022				

* See Section 3.1 for a description of the data qualifiers.

TABLE 4-76
DATA COMPARISON FOR PCO WELLS

Radionuclides										
Analyte	Well No.	Location No.	Sample Date	Sample ID	Medium	Result	Site-Specific Background	SAL	Units	>SAL
Plutonium-238	PCO-1	36-2020	2/95	AAB2539	Groundwater	0.03	nd	15	pCi/L	
			10/94	AAA9571	Groundwater(F)	0.56	nd	15	pCi/L	
	PCO-2	36-2021	10/94	AAA9572	Groundwater(F)	0.53	nd	15	pCi/L	
				AAA9588	Groundwater(F)	0.12	nd	15	pCi/L	
Plutonium-239	PCO-1	36-2020	10/94	AAA9587	Groundwater(F)	9.85	nd	15	pCi/L	
	PCO-2	36-2021	10/94	AAA9572	Groundwater(F)	0.06	nd	15	pCi/L	
	PCO-3	36-2022	10/94	AAA9589	Groundwater(F)	0.06	nd	15	pCi/L	
Thorium-228	PCO-2	36-2021	11/93	AAA5954	Groundwater(F)	2.01	0.98	15	pCi/L	
				AAA5955	Groundwater(F)	1.1	0.98	15	pCi/L	
Thorium-230	PCO-2	36-2021	11/93	AAA5954	Groundwater(F)	2.78	2.5	15	pCi/L	
			10/94	AAA9572	Groundwater(F)	6.54	2.5	15	pCi/L	
Thorium-232	PCO-2	36-2021	11/93	AAA5954	Groundwater(F)	1.05	0.68	15	pCi/L	
				AAA5955	Groundwater(F)	1.12	0.68	15	pCi/L	
			10/94	AAA9572	Groundwater(F)	10.9	0.68	15	pCi/L	
Tritium	PCO-1	36-2020	2/95	AAB2539	Groundwater	700	nd	20,000	pCi/L	
Uranium	PCO-2	36-2021	2/95	AAB2541	Groundwater	2.3	1.51	20	µg/L	
			10/94	AAA9572	Groundwater(F)	10.3	1.51	20	µg/L	
	PCO-3	36-2022	11/93	AAA5956	Groundwater(F)	1.56	1.51	20	µg/L	

F Filtered groundwater. All other samples were nonfiltered.
nd not detected

4.7.2 LACEF Monitoring Wells

4.7.2.1 Previous Investigations

No additions to text.

4.7.2.2 Field Investigation

No additions to text.

4.7.2.3 Screening Assessment

Figure 4-29 shows results of the screening assessment and the sample locations.

The LACEF monitoring wells were close to PRSs 18-003(a) and 18-003(b), which contain concentrations of radionuclides above SALs (Section 4.1.1). This factor motivated a full evaluation of the reported radionuclide concentrations in water samples from these wells.

4.7.2.3.1 Comparison with Background/SALs

Radionuclides. Four plutonium-238 sample results were unusable because recovery of the blind QC sample was less than 10% (Table 4-77). In addition, one thorium sample was lost in analysis, so results from this sample are not available for the screening assessment. The unusable data did not affect the screening assessment at this site because the valid data that were collected were adequate to determine if contamination is present.

Several radionuclides were detected in the groundwater at concentrations greater than the site-specific background values (Table 4-78). Three radionuclides were detected in filtered samples at concentrations above their respective SALs. Those detected at concentrations less than their SALs were subjected to an MCA (see below).

Multiple chemical analysis. Plutonium-238 and -239, and thorium-232 met the criteria for inclusion in an MCA (Table 4-79). Uranium-234, -235, and -238 were not included in the MCA because uranium exceeded SALs in one sample and resulted in retaining uranium as a COPC. The sum of the maximum normalized concentrations of the first three analytes was 1.3205; as a result, plutonium-238 and -239, and thorium-232 were retained as COPCs.

4.7.2.3.2 Ecotoxicological Screening Assessment

No addition to text.

4.7.2.3.3 Risk Assessment

No human health risk assessment was conducted.

4.7.2.3.4 Data Interpretation

Thorium-228 and -230, and uranium were detected in the groundwater at concentrations slightly greater than SALs (16.6 and 16.7 pCi/L for thorium isotopes versus 15 pCi/L SAL; 29 µg/L for uranium versus 20 µg/L SAL). The thorium radioisotopes were detected in one sample from MW-2, while the uranium was detected in one sample from MW-4. Thorium-228, a decay product of thorium-232, was detected in the MW-2 sample at a concentration less than its SAL (14.4 pCi/L versus 15 pCi/L SAL) and was retained as a COPC as a result

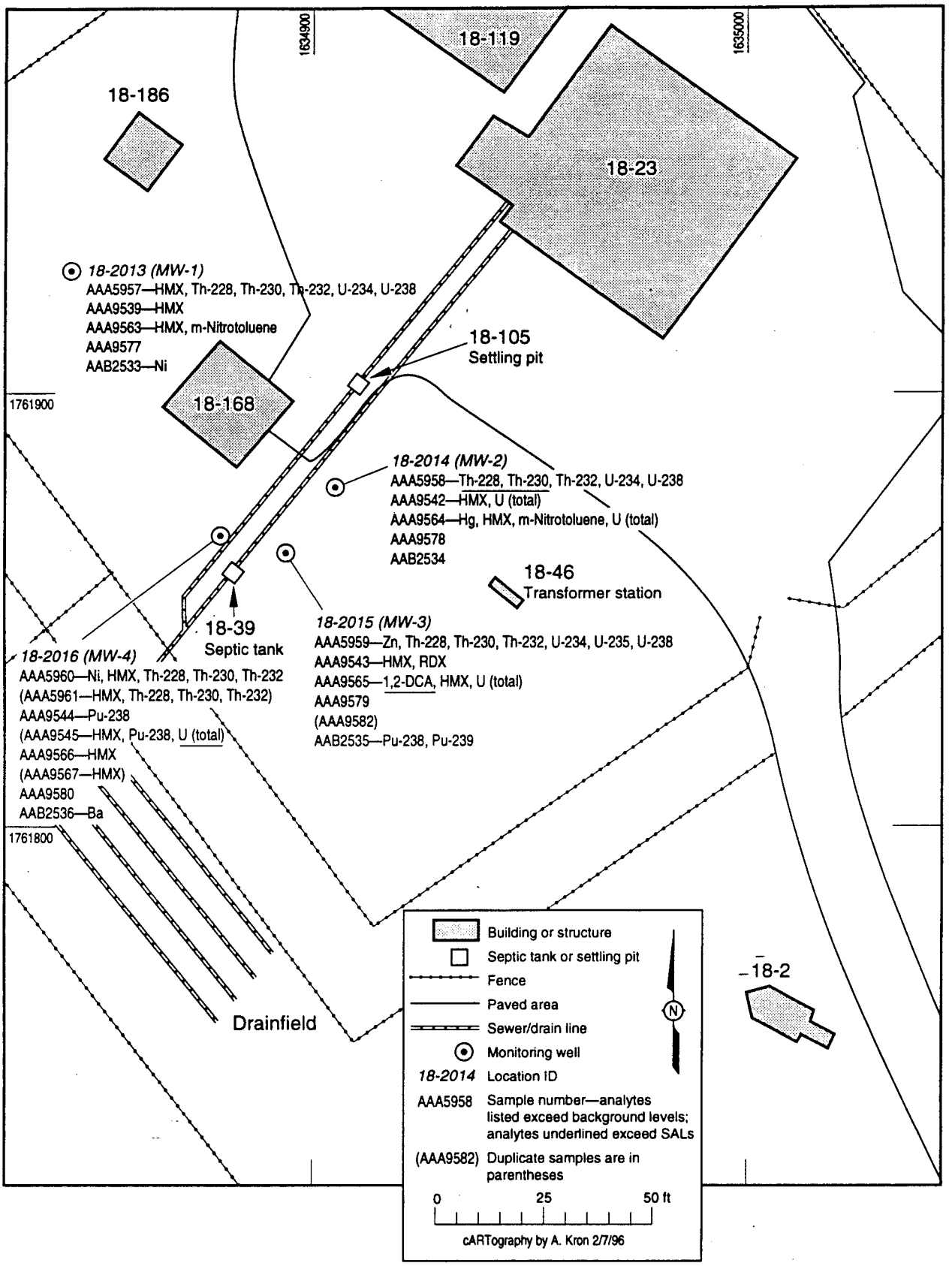

Figure 4-29. Sample locations and results of screening assessment for LACEF monitoring wells.

of its MCA. Thorium-230, a decay product of uranium-238, was detected in the MW-2 sample at a concentration of 3.3 pCi/L. Plutonium-238 was detected below its SAL in MW-3 and MW-4 but was retained because of the MCA.

While the exact source for these radionuclides is unclear, they could originate from the septic systems (which had high concentrations of uranium in the sludge and water) or from general site activities. However, because there is no exposure pathway for these radionuclides and because they are relatively immobile, they do not pose an unacceptable risk to human health and, therefore, no corrective action is warranted.

4.7.2.4 Conclusions and Recommendations

The presence of thorium-228 and -230, and uranium at concentrations slightly above SALs is not considered to be a concern because there is no exposure pathway by which these compounds could affect human health.

TABLE 4-77
SUMMARY OF DATA USABILITY PROBLEMS FOR LACEF MONITORING WELLS

Request No.	Well No.	Sample ID	Location No.	Sample Type	Analytes	Qualifier*	Comments
19004	MW-1 MW-2 MW-3 MW-4	AAA9563 AAA9564 AAA9565 AAA9566 AAA9567	18-2013 18-2014 18-2015 18-2016	N/A	Thorium-228 Thorium-230 Thorium-232 Plutonium-238 Plutonium-239	Not Qualified	Sample insufficient to reanalyze; result indicated as "Not Analyzed."
16819	MW-1 MW-2	AAA9539 AAA9542	18-2013 18-2014	Blind	Plutonium-238	R	Blind QC sample percent recovery <10%; data unusable.
16823	MW-3 MW-4	AAA9543 AAA9544	18-2015 18-2016				
21164	MW-1	AAB2533	18-2013	N/A	Thorium-228 Thorium-230 Thorium-232	Not Qualified	Sample lost in the analysis; no results available.

* See Section 3.1 for a description of the data qualifiers.
N/A not applicable

TABLE 4-78
DATA COMPARISON FOR LACEF MONITORING WELLS

Radionuclides										
Analyte	Well No.	Location No.	Sample Date	Sample ID	Medium	Result	Site-Specific Background	SAL	Units	>SAL
Plutonium-238	MW-3	18-2015	2/95	AAB2535	Groundwater	0.03	nd	15	pCi/L	
	MW-4	18-2016	2/94	AAA9544	Groundwater(F)	1.73	nd	15	pCi/L	
				AAA9545	Groundwater(F)	5.36	nd	15	pCi/L	
Plutonium-239	MW-3	18-2015	2/95	AAB2535	Groundwater	0.05	nd	15	pCi/L	
Thorium-228	MW-1	18-2013	7/94	AAA5957	Groundwater(F)	4.1	0.98	15	pCi/L	
	MW-2	18-2014	7/94	AAA5958	Groundwater(F)	16.6	0.98	15	pCi/L	X
	MW-3	18-2015	7/94	AAA5959	Groundwater(F)	13.2	0.98	15	pCi/L	
	MW-4	18-2016	7/94	AAA5960	Groundwater(F)	2.56	0.98	15	pCi/L	
				AAA5961	Groundwater(F)	2.51	0.98	15	pCi/L	
Thorium-230	MW-1	18-2013	7/94	AAA5957	Groundwater(F)	5.9	2.5	15	pCi/L	
	MW-2	18-2014	7/94	AAA5958	Groundwater(F)	16.7	2.5	15	pCi/L	X
	MW-3	18-2015	7/94	AAA5959	Groundwater(F)	11	2.5	15	pCi/L	
	MW-4	18-2016	7/94	AAA5960	Groundwater(F)	3.57	2.5	15	pCi/L	
				AAA5961	Groundwater(F)	4.71	2.5	15	pCi/L	
Thorium-232	MW-1	18-2013	7/94	AAA5957	Groundwater(F)	2.82	0.68	15	pCi/L	
	MW-2	18-2014	7/94	AAA5958	Groundwater(F)	14.4	0.68	15	pCi/L	
	MW-3	18-2015	7/94	AAA5959	Groundwater(F)	10.8	0.68	15	pCi/L	
	MW-4	18-2016	7/94	AAA5960	Groundwater(F)	1.56	0.68	15	pCi/L	
				AAA5961	Groundwater(F)	1.38	0.68	15	pCi/L	
Uranium	MW-2	18-2014	2/94	AAA9542	Groundwater(F)	6.67	1.51	20	µg/L	
				AAA9564	Groundwater(F)	5.81	1.51	20	µg/L	
	MW-3	18-2015	2/94	AAA9565	Groundwater(F)	4.68	1.51	20	µg/L	
	MW-4	18-2016	2/94	AAA9545	Groundwater(F)	29	1.51	20	µg/L	X
Uranium-234	MW-1	18-2013	7/94	AAA5957	Groundwater(F)	0.65	nd	na	pCi/L	
	MW-2	18-2014		AAA5958	Groundwater(F)	3.61	nd	na	pCi/L	
	MW-3	18-2015		AAA5959	Groundwater(F)	4.75	nd	na	pCi/L	
Uranium-235	MW-3	18-2015	7/94	AAA5959	Groundwater(F)	0.85	nd	na	pCi/L	
Uranium-238	MW-1	18-2013	7/94	AAA5957	Groundwater(F)	0.53	nd	na	pCi/L	
	MW-2	18-2014		AAA5958	Groundwater(F)	3.28	nd	na	pCi/L	
	MW-3	18-2015		AAA5959	Groundwater(F)	4.39	nd	na	pCi/L	

F filtered groundwater
nd not detected
na not available

TABLE 4-79
MULTIPLE CHEMICAL ANALYSIS –
LACEF MONITORING WELLS

Analyte	Maximum Normalized Concentration
Groundwater - Radionuclides	
Plutonium-238	0.3573
Plutonium-239	0.0033
Thorium-232	0.9600
Total	1.3206

4.8 Wetlands

4.8.1 Previous Investigations

No additions to text.

4.8.2 Field Investigation

No additions to text.

4.8.3 Screening Assessment

Figures 4-31 through 4-33 show results of the screening assessment and the sample locations.

4.8.3.1 Comparison with Background/SALs

Radionuclides. Aliquots of sample AAA5974 scheduled for thorium and plutonium analyses were lost at the laboratory, so no results are available for the screening assessment. The radionuclide data presented no other QA/QC problems that affected data usability.

Concentrations of radionuclides detected in the wetlands sediment and surface water were compared to background UTLs and SALs (Table 4-83). Thorium-228 and uranium were detected in the sediments at concentrations greater than the sediment background UTLs, while the other radionuclides detected in the sediments do not have sediment background UTLs and no backgrounds are available for the surface water data. None of these analytes, except for thorium-228, were detected at concentrations greater than SALs (Table 4-83). The analytes that were below SALs in the sediment and surface water were subjected to an MCA (see below).

Multiple chemical analysis. Three radionuclides met the criteria for inclusion in an MCA for sediment, and four met the criteria for inclusion in an MCA for surface water (Table 4-79A). The sum of the maximum normalized concentrations of the three analytes in sediment was 0.4424, and for the four analytes in surface water was 0.2956; therefore, none were retained as COPCs.

4.8.3.2 Ecotoxicological Screening Assessment

The general landscape condition around the wetlands is relatively undisturbed, and the potential for receptors to come in contact with COPCs is high (see Section 3.2.4 of the RFI report) (Environmental Restoration Project 1995, 1283). The sediments and surface water contain radionuclide concentrations that are above background UTLs (Table 4-83). Therefore, this PRS will be included in the ecological risk assessment that will be conducted when an approach has been approved by state and federal regulators. Threatened and endangered species and/or sensitive habitat (see Chapter 2.0 of the RFI report) (Environmental Restoration Project 1995, 1283) will be evaluated in the ecological risk assessment.

4.8.3.3 Risk Assessment

A baseline human health risk assessment was not conducted. However, a PRG was calculated for thorium-228 to determine if an unacceptable risk to human health exists. The PRG for this radionuclide was calculated for a nonintrusive industrial scenario, and based on external gamma, inhalation, and soil ingestion pathways, and a 15 mrem/yr dose using RESRAD (version 5.61) and Laboratory-specific parameters (Appendix E). The PRG for thorium-228 was calculated to be 6.4 pCi/g.

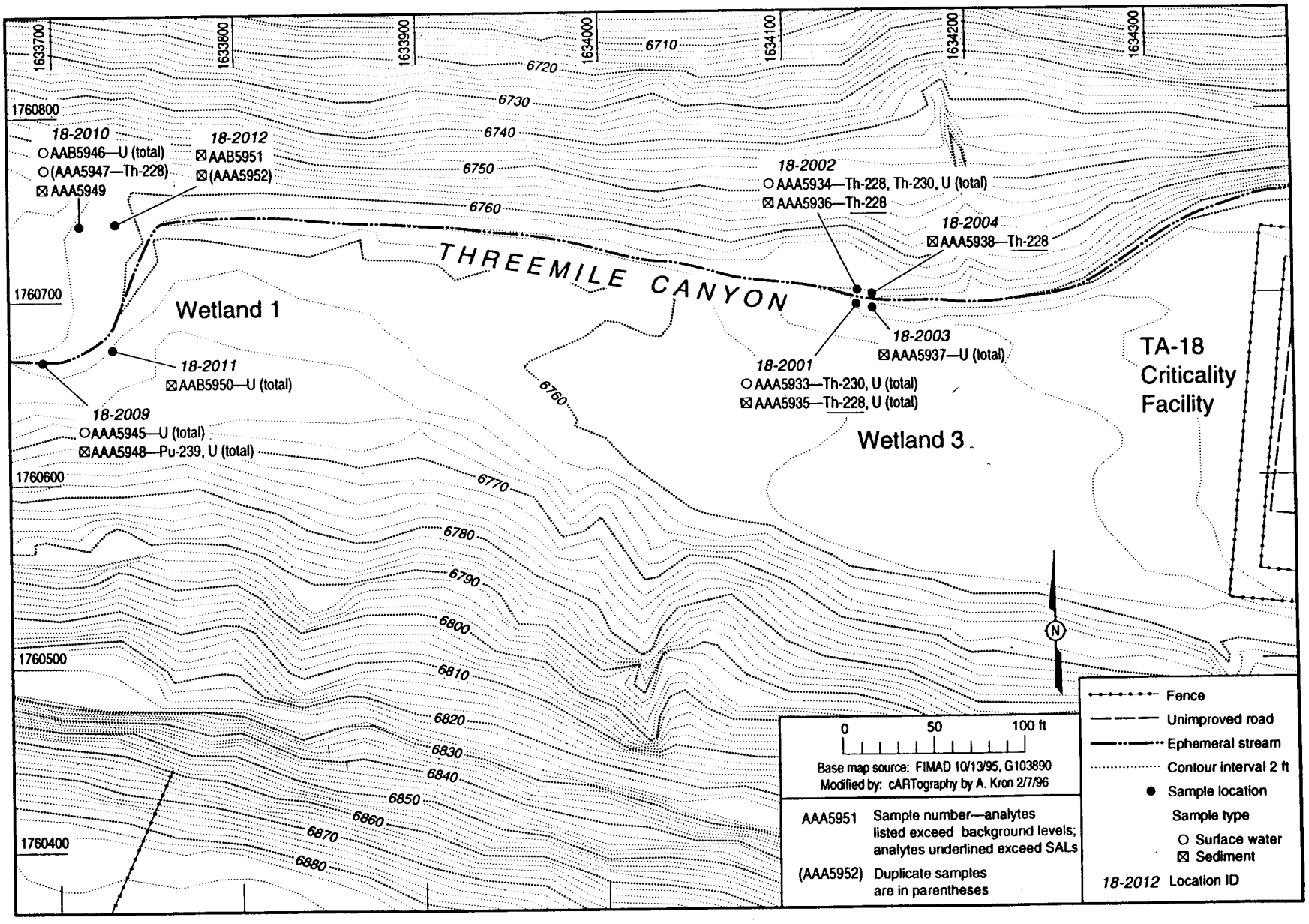

Figure 4-31. Sample locations and results of screening assessment for WL-1 and WL-3.

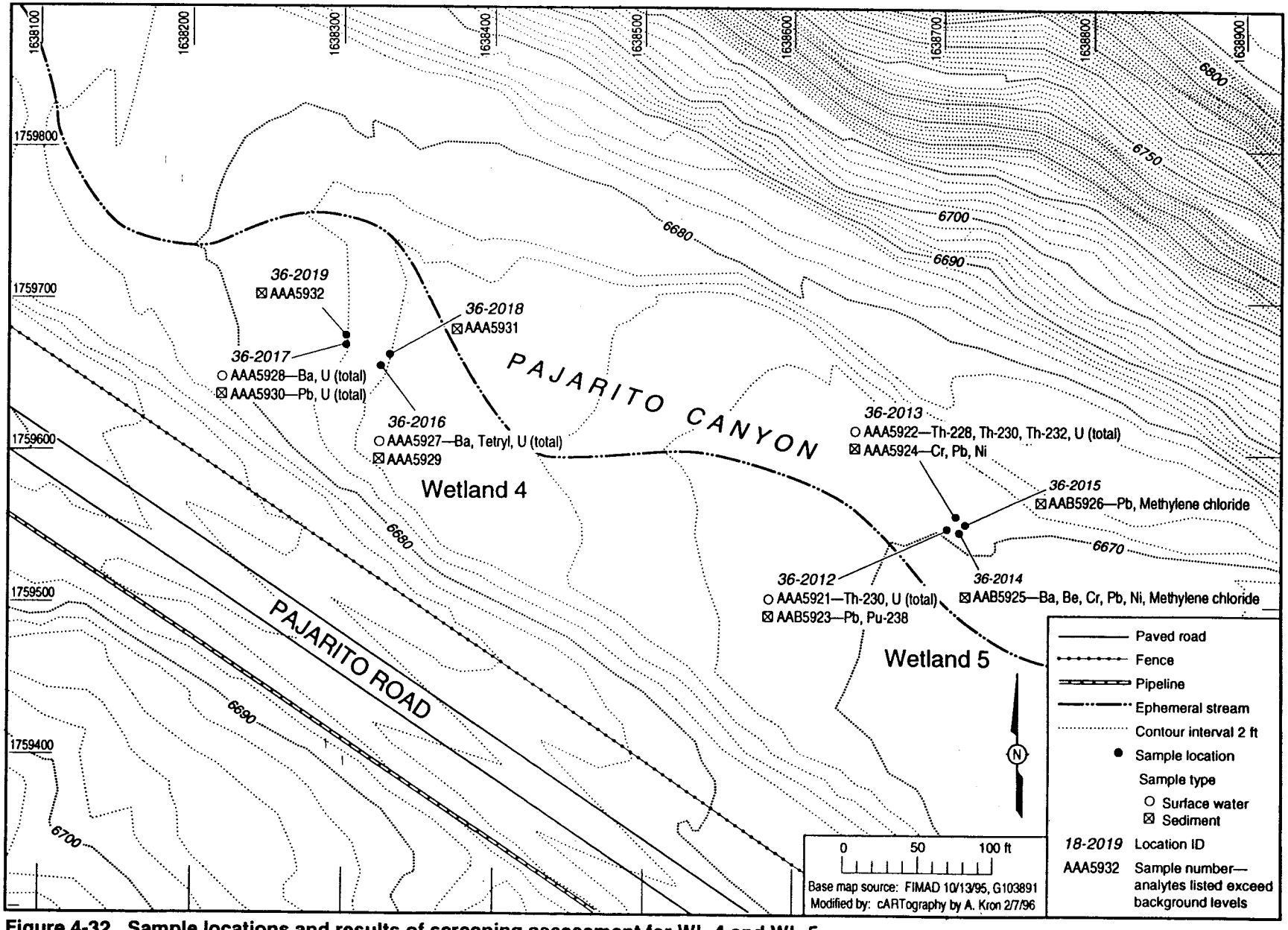

Figure 4-32. Sample locations and results of screening assessment for WL-4 and WL-5.

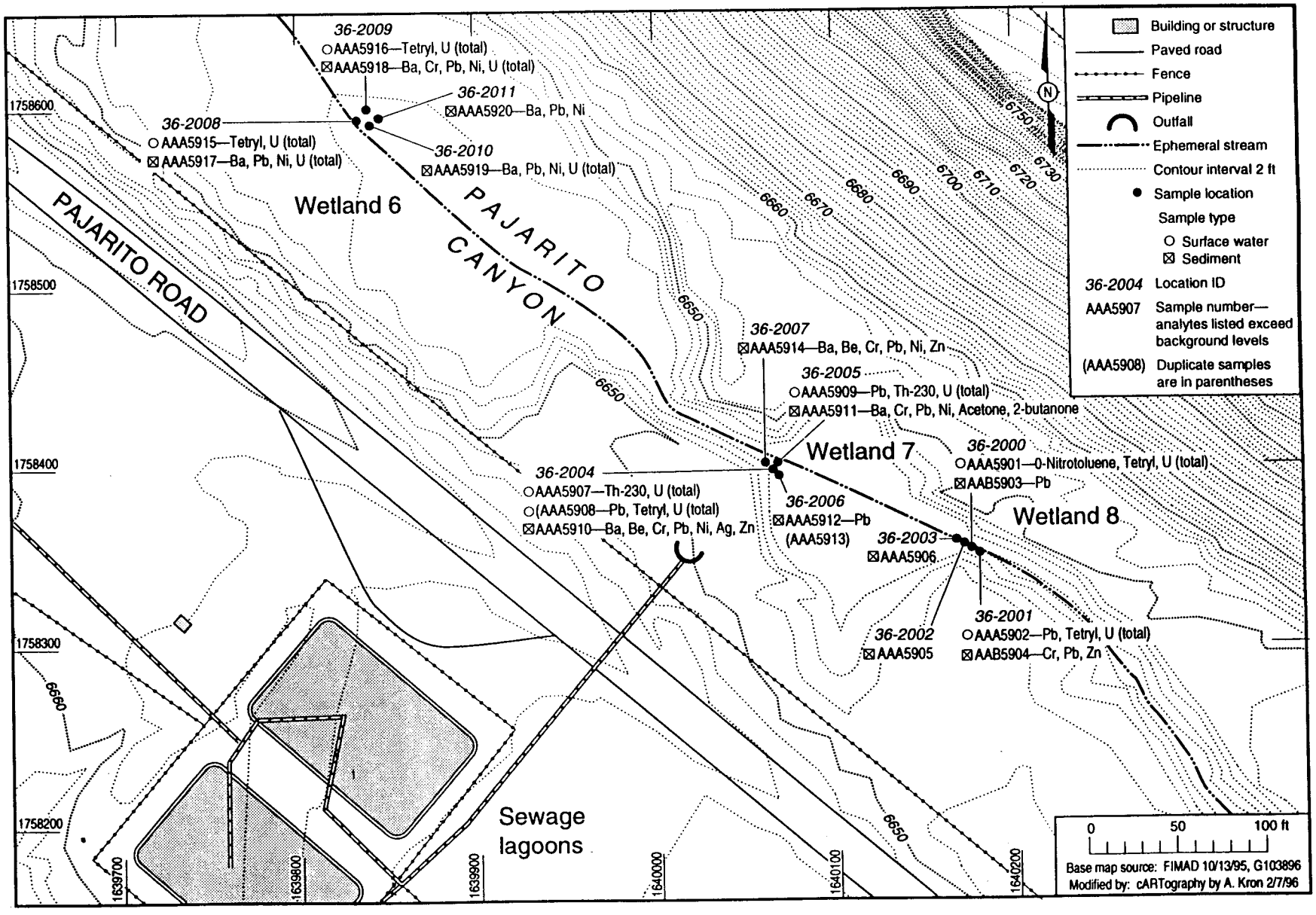

Figure 4-33. Sample locations and results of screening assessment for WL-6, WL-7, and WL-8.

4.8.3.4 Data Interpretation

No radionuclides were detected above SALs in the sediment or surface water from the downcanyon wetlands. In general, the concentrations of radionuclides in the upcanyon wetlands (WL-1 and WL-3) were higher than in the downcanyon wetlands (WL-4 through WL-8) by as much as an order of magnitude. The detection of thorium-228 and -230, plutonium-239, and uranium in the background wetlands at concentrations greater than the downcanyon wetlands suggests that input from either offsite sources (i.e., firing sites) or from the firing site at Criticality Facility 2 has occurred. Because it is not possible to determine the source of the detected radionuclides, the maximum values reported for WL-1 and WL-3 are not used as site-specific background values as are the inorganics and organics.

Thorium-228 was the only radionuclide detected, at a depth of 6 to 18 in., in the sediment from WL-3 at concentrations greater than SAL and the background UTL. Because the area will continue to be under Laboratory control for the foreseeable future, a recreational scenario is not appropriate. Intrusive industrial activity (i.e., laying pipe for plumbing or building construction in the wetlands) is unlikely. Therefore, a nonintrusive industrial exposure is the only likely exposure scenario. The PRG for thorium-228 under this scenario was calculated to be 6.4 pCi/g, which is greater than two sample values (4.83 and 5.62 pCi/g) and slightly less than one sample value (8.23 pCi/g). As a result, thorium-228 is not retained as a COPC because it does not pose an unacceptable risk to human health.

4.8.4 Conclusions and Recommendations

No COPCs are retained for samples collected from the sediments and surface water in the wetlands located downcanyon from TA-18. Thorium-228 is present in the sediment at WL-3 at concentrations above SAL. However, this radionuclide is not considered to be a risk to human health because the detected concentrations are less than or equivalent to the PRG.

The radionuclide screening assessment of wetland surface water and sediment did not result in any COPCs that would create a human health concern. Therefore, no additional action is warranted for these sites.

TABLE 4-79A
MULTIPLE CHEMICAL ANALYSIS – WETLANDS

Analyte	Maximum Normalized Concentration
Sediment - Radionuclide	
Plutonium-238	0.0007
Plutonium-239	0.0925
Uranium	0.3492
Total	0.4424
Surface Water - Radionuclide	
Thorium-228	0.0593
Thorium-230	0.0413
Thorium-232	0.0100
Uranium	0.1850
Total	0.2956

TABLE 4-83
DATA COMPARISON FOR WETLANDS

Radionuclides										
Analyte	Wetland No.	Location No.	Sample ID	Depth (in.)	Medium	Result	Background UTL	SAL	Units	>SAL
Plutonium-238	WL-5	36-2012	AAA5923	6-18	Sediment	0.02	na	27	pCi/g	
Plutonium-239	WL-1	18-2009	AAA5948	6-18	Sediment	2.22	na	24	pCi/g	
Thorium-228	WL-1	18-2010	AAA5947	N/A	Surface water	0.48	na	15	pCi/L	
	WL-3	18-2001	AAA5935	6-18	Sediment	5.62	2.70	1.7	pCi/g	X
		18-2002	AAA5934	N/A	Surface water	0.89	na	15	pCi/L	
			AAA5936	6-18	Sediment	4.83	2.70	1.7	pCi/g	X
		18-2004	AAA5938	6-18	Sediment	8.23	2.70	1.7	pCi/g	X
	WL-5	36-2013	AAA5922	N/A	Surface water	0.56	na	15	pCi/L	
Thorium-230	WL-3	18-2001	AAA5933	N/A	Surface water	0.61	na	15	pCi/L	
		18-2002	AAA5934	N/A	Surface water	0.62	na	15	pCi/L	
	WL-5	36-2012	AAA5921	N/A	Surface water	0.38	na	15	pCi/L	
		36-2013	AAA5922	N/A	Surface water	0.32	na	15	pCi/L	
	WL-7	36-2004	AAA5907	N/A	Surface water	0.23	na	15	pCi/L	
		36-2005	AAA5909	N/A	Surface water	0.35	na	15	pCi/L	
Thorium-232	WL-5	36-2013	AAA5922	N/A	Surface water	0.15	na	15	pCi/L	
Uranium	WL-1	18-2009	AAA5945	N/A	Surface water	1.01	na	20	µg/L	
			AAA5948	6-18	Sediment	20.4	5.37	130	mg/kg	
		18-2010	AAA5946	N/A	Surface water	0.23	na	20	µg/L	
		18-2011	AAA5950	6-18	Sediment	15.1	5.37	130	mg/kg	
	WL-3	18-2001	AAA5933	N/A	Surface water	0.6	na	20	µg/L	
			AAA5935	6-18	Sediment	25.1	5.37	130	mg/kg	
		18-2002	AAA5934	N/A	Surface water	3.7	na	20	µg/L	
		18-2003	AAA5937	6-18	Sediment	45.4	5.37	130	mg/kg	
	WL-4	36-2016	AAA5927	N/A	Surface water	0.22	na	20	µg/L	
		36-2017	AAA5928	N/A	Surface water	0.2	na	20	µg/L	
			AAA5930	6-18	Sediment	9.43	5.37	130	mg/kg	
	WL-5	36-2012	AAA5921	N/A	Surface water	0.12	na	20	µg/L	
		36-2013	AAA5922	N/A	Surface water	1.1	na	20	µg/L	

N/A not applicable
na not available

TABLE 4-83
DATA COMPARISON FOR WETLANDS
(concluded)

Radionuclides										
Analyte	**Wetland No.**	**Location No.**	**Sample ID**	**Depth (in.)**	**Medium**	**Result**	**Background UTL**	**SAL**	**Units**	**>SAL**
Uranium (continued)	WL-6	36-2008	AAA5915	N/A	Surface water	0.22	na	20	µg/L	
			AAA5917	6-18	Sediment	6.9	5.37	130	mg/kg	
		36-2009	AAA5916	N/A	Surface water	0.7	na	20	µg/L	
			AAA5918	6-18	Sediment	6.33	5.37	130	mg/kg	
		36-2010	AAA5919	6-18	Sediment	6.18	5.37	130	mg/kg	
	WL-7	36-2004	AAA5907	N/A	Surface water	0.29	na	20	µg/L	
			AAA5908	N/A	Surface water	0.08	na	20	µg/L	
		36-2005	AAA5909	N/A	Surface water	0.16	na	20	µg/L	
	WL-8	36-2000	AAA5901	N/A	Surface water	0.15	na	20	µg/L	
		36-2001	AAA5902	N/A	Surface water	0.16	na	20	µg/L	

N/A not applicable
na not available

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APPENDIX D

SAMPLING DATA

SAMPLING DATA FOR PRS 18-002(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncer	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-228	18-1300	AAB4861	0	12	in	SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1301	AAB4861	0	12	in	SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1303	AAB4862	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G			J	18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1307	AAB4862	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G			J	18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1310	AAB4871	0	12	in	SS		2.1	0.05	0.15	1.95		1.7	PCI/G			J	18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1312	AAB4871	0	12	in	SS		2.1	0.05	0.15	1.95		1.7	PCI/G			J	18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1313	AAB4871	0	12	in	SS		2.1	0.05	0.15	1.95		1.7	PCI/G			J	18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1315	AAB4871	0	12	in	SS		2.1	0.05	0.15	1.95		1.7	PCI/G			J	18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1322	AAB4880	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G			J	Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1324	AAB4880	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G			J	Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1326	AAB4880	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G			J	Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1327	AAB4880	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G			J	Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1331	AAB4889	0	12	in	SS		2.5	0.1	0.3	2.2		1.7	PCI/G			J	Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1334	AAB4889	0	12	in	SS		2.5	0.1	0.3	2.2		1.7	PCI/G			J	Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1335	AAB4889	0	12	in	SS		2.5	0.1	0.3	2.2		1.7	PCI/G			J	Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1337	AAB4889	0	12	in	SS		2.5	0.1	0.3	2.2		1.7	PCI/G			J	Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-228	18-1342	AAB4898		12		SS		1.4	0.04	0.12	1.28		1.7	PCI/G		D	J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1342	AAB4898		12		SS		1.4	0.04	0.12	1.28		1.7	PCI/G		D	J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1342	AAB4898		12		SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1342	AAB4898		12		SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1344	AAB4898		12		SS		1.4	0.04	0.12	1.28		1.7	PCI/G		D	J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1344	AAB4898		12		SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1345	AAB4898		12		SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1345	AAB4898		12		SS		1.4	0.04	0.12	1.28		1.7	PCI/G		D	J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1352	AAB4907		12		SS		0.9	0.025	0.075	0.825		1.7	PCI/G			J	Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1354	AAB4907		12		SS		0.9	0.025	0.075	0.825		1.7	PCI/G			J	Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1356	AAB4907		12		SS		0.9	0.025	0.075	0.825		1.7	PCI/G			J	Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1357	AAB4907		12		SS		0.9	0.025	0.075	0.825		1.7	PCI/G			J	Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-228	18-1362	AAB4916	0	12	in	SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1365	AAB4916	0	12	in	SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1366	AAB4916	0	12	in	SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1367	AAB4916	0	12	in	SS		1.4	0.04	0.12	1.28		1.7	PCI/G			J	Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1370	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195		1.7	PCI/G		D		Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1370	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195		1.7	PCI/G				Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1373	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195		1.7	PCI/G				Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1373	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195		1.7	PCI/G		D		Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1375	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195		1.7	PCI/G				Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1375	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195		1.7	PCI/G		D		Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1376	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195		1.7	PCI/G		D		Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1376	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195		1.7	PCI/G				Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1380	AAB4934	0	12	in	SS		1.1	0.035	0.105	0.995		1.7	PCI/G			J	18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1384	AAB4934	0	12	in	SS		1.1	0.035	0.105	0.995		1.7	PCI/G			J	18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1385	AAB4935	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G				18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1387	AAB4935	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G				18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1391	AAB4944	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G				Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1394	AAB4944	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G				Locale 1390, Kiva 1	RAS	19830	37228	RAD

SAMPLING DATA FOR PRS 18-002(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncer	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-228	18-1395	AAB4944	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G				Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1397	AAB4944	0	12	in	SS		1.1	0.03	0.09	1.01		1.7	PCI/G				Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1700	AAB4953	0	12	in	SS		1	0.025	0.075	0.925		1.7	PCI/G				18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1702	AAB4953	0	12	in	SS		1	0.025	0.075	0.925		1.7	PCI/G				18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1703	AAB4954	0	12	in	SS		1.1	0.035	0.105	0.995		1.7	PCI/G				18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-228	18-1704	AAB4954	0	12	in	SS		1.1	0.035	0.105	0.995		1.7	PCI/G				18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-228	NA	AAB4955				W		0.04	0.01	0.03	0.01		15	PCI/L	EB			18-002(a), Kiva 1	RAS	19830	37228	RAD
Thorium-228	NA	AAB4955				W		0.02	0.01	0.03	-0.01		15	PCI/L	EB	D		18-002(a), Kiva 1	RAS	19830	37228	RAD
Thorium-228	NA	AAB4956				SS		1.2	0.035	0.105	1.095		1.7	PCI/G	FE			18-002(a) Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1300	AAB4861	0	12	in	SS		1.2	0.035	0.105	1.095		0.18	PCI/G			J	18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1301	AAB4861	0	12	in	SS		1.2	0.035	0.105	1.095		0.18	PCI/G			J	18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1303	AAB4862	0	12	in	SS		2.6	0.1	0.3	2.3		0.18	PCI/G			J	18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1307	AAB4862	0	12	in	SS		2.6	0.1	0.3	2.3		0.18	PCI/G			J	18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1310	AAB4871	0	12	in	SS		2.5	0.05	0.15	2.35		0.18	PCI/G			J	18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1312	AAB4871	0	12	in	SS		2.5	0.05	0.15	2.35		0.18	PCI/G			J	18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1313	AAB4871	0	12	in	SS		2.5	0.05	0.15	2.35		0.18	PCI/G			J	18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1315	AAB4871	0	12	in	SS		2.5	0.05	0.15	2.35		0.18	PCI/G			J	18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1322	AAB4880	0	12	in	SS		0.8	0.025	0.075	0.725		0.18	PCI/G			J	Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1324	AAB4880	0	12	in	SS		0.8	0.025	0.075	0.725		0.18	PCI/G			J	Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1326	AAB4880	0	12	in	SS		0.8	0.025	0.075	0.725		0.18	PCI/G			J	Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1327	AAB4880	0	12	in	SS		0.8	0.025	0.075	0.725		0.18	PCI/G			J	Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1331	AAB4889	0	12	in	SS		3.4	0.1	0.3	3.1		0.18	PCI/G			J	Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1334	AAB4889	0	12	in	SS		3.4	0.1	0.3	3.1		0.18	PCI/G			J	Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1335	AAB4889	0	12	in	SS		3.4	0.1	0.3	3.1		0.18	PCI/G			J	Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1337	AAB4889	0	12	in	SS		3.4	0.1	0.3	3.1		0.18	PCI/G			J	Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-230	18-1342	AAB4898		12		SS		1.2	0.035	0.105	1.095		0.18	PCI/G			J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1342	AAB4898		12		SS		1.7	0.05	0.15	1.55		0.18	PCI/G		D	J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1342	AAB4898		12		SS		1.7	0.05	0.15	1.55		0.18	PCI/G		D	J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1342	AAB4898		12		SS		1.2	0.035	0.105	1.095		0.18	PCI/G			J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1344	AAB4898		12		SS		1.2	0.035	0.105	1.095		0.18	PCI/G			J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1344	AAB4898		12		SS		1.7	0.05	0.15	1.55		0.18	PCI/G		D	J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1345	AAB4898		12		SS		1.7	0.05	0.15	1.55		0.18	PCI/G		D	J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1345	AAB4898		12		SS		1.2	0.035	0.105	1.095		0.18	PCI/G			J	Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1352	AAB4907		12		SS		0.7	0.02	0.06	0.64		0.18	PCI/G			J	Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1354	AAB4907		12		SS		0.7	0.02	0.06	0.64		0.18	PCI/G			J	Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1356	AAB4907		12		SS		0.7	0.02	0.06	0.64		0.18	PCI/G			J	Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1357	AAB4907		12		SS		0.7	0.02	0.06	0.64		0.18	PCI/G			J	Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-230	18-1362	AAB4916	0	12	in	SS		1.2	0.035	0.105	1.095		0.18	PCI/G				Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1365	AAB4916	0	12	in	SS		1.2	0.035	0.105	1.095		0.18	PCI/G				Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1366	AAB4916	0	12	in	SS		1.2	0.035	0.105	1.095		0.18	PCI/G				Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1367	AAB4916	0	12	in	SS		1.2	0.035	0.105	1.095		0.18	PCI/G				Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1370	AAB4925	0	12	in	SS		1.1	0.03	0.09	1.01		0.18	PCI/G		D	J	Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1370	AAB4925	0	12	in	SS		1.1	0.03	0.09	1.01		0.18	PCI/G			J	Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1373	AAB4925	0	12	in	SS		1.1	0.03	0.09	1.01		0.18	PCI/G		D	J	Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1373	AAB4925	0	12	in	SS		1.1	0.03	0.09	1.01		0.18	PCI/G			J	Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1375	AAB4925	0	12	in	SS		1.1	0.03	0.09	1.01		0.18	PCI/G			J	Locale 1370, Kiva 1	RAS	19830	37228	RAD

SAMPLING DATA FOR PRS 18-002(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncer	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-230	18-1375	AAB4925	0	12	in	SS		1.1	0.03	0.09	1.01		0.18	PCI/G		D	J	Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1376	AAB4925	0	12	in	SS		1.1	0.03	0.09	1.01		0.18	PCI/G		D	J	Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1376	AAB4925	0	12	in	SS		1.1	0.03	0.09	1.01		0.18	PCI/G			J	Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1380	AAB4934	0	12	in	SS		0.9	0.03	0.09	0.81		0.18	PCI/G				18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1384	AAB4934	0	12	in	SS		0.9	0.03	0.09	0.81		0.18	PCI/G				18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1385	AAB4935	0	12	in	SS		0.8	0.02	0.06	0.74		0.18	PCI/G			J	18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1387	AAB4935	0	12	in	SS		0.8	0.02	0.06	0.74		0.18	PCI/G			J	18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1391	AAB4944	0	12	in	SS		0.9	0.025	0.075	0.825		0.18	PCI/G			J	Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1394	AAB4944	0	12	in	SS		0.9	0.025	0.075	0.825		0.18	PCI/G			J	Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1395	AAB4944	0	12	in	SS		0.9	0.025	0.075	0.825		0.18	PCI/G			J	Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1397	AAB4944	0	12	in	SS		0.9	0.025	0.075	0.825		0.18	PCI/G			J	Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1700	AAB4953	0	12	in	SS		0.7	0.02	0.06	0.64		0.18	PCI/G			J	18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1702	AAB4953	0	12	in	SS		0.7	0.02	0.06	0.64		0.18	PCI/G			J	18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1703	AAB4954	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G			J	18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-230	18-1704	AAB4954	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G			J	18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-230	NA	AAB4955				W		0.4	0.025	0.075	0.325		15	PCI/L	EB			18-002(a), Kiva 1	RAS	19830	37228	RAD
Thorium-230	NA	AAB4955				W		0.6	0.035	0.105	0.495		15	PCI/L	EB	D		18-002(a), Kiva 1	RAS	19830	37228	RAD
Thorium-230	NA	AAB4956				SS		1.4	0.04	0.12	1.28		0.18	PCI/G	FE		J	18-002(a) Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1300	AAB4861	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G				18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1301	AAB4861	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G				18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1303	AAB4862	0	12	in	SS		1.9	0.05	0.15	1.75	2.47	0.77	PCI/G				18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1307	AAB4862	0	12	in	SS		1.9	0.05	0.15	1.75	2.47	0.77	PCI/G				18-002(a), Locale 1300, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1310	AAB4871	0	12	in	SS		2.1	0.05	0.15	1.95	2.47	0.77	PCI/G				18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1312	AAB4871	0	12	in	SS		2.1	0.05	0.15	1.95	2.47	0.77	PCI/G				18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1313	AAB4871	0	12	in	SS		2.1	0.05	0.15	1.95	2.47	0.77	PCI/G				18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1315	AAB4871	0	12	in	SS		2.1	0.05	0.15	1.95	2.47	0.77	PCI/G				18-002(a), Locale 1310, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1322	AAB4880	0	12	in	SS		1	0.03	0.09	0.91	2.47	0.77	PCI/G				Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1324	AAB4880	0	12	in	SS		1	0.03	0.09	0.91	2.47	0.77	PCI/G				Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1326	AAB4880	0	12	in	SS		1	0.03	0.09	0.91	2.47	0.77	PCI/G				Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1327	AAB4880	0	12	in	SS		1	0.03	0.09	0.91	2.47	0.77	PCI/G				Locale 1320, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1331	AAB4889	0	12	in	SS		2.5	0.1	0.3	2.2	2.47	0.77	PCI/G				Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1334	AAB4889	0	12	in	SS		2.5	0.1	0.3	2.2	2.47	0.77	PCI/G				Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1335	AAB4889	0	12	in	SS		2.5	0.1	0.3	2.2	2.47	0.77	PCI/G				Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1337	AAB4889	0	12	in	SS		2.5	0.1	0.3	2.2	2.47	0.77	PCI/G				Locale 1330, Kiva 1	RAS	19828	37125	RAD
Thorium-232	18-1342	AAB4898		12		SS		1.4	0.04	0.12	1.28	2.47	0.77	PCI/G		D		Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1342	AAB4898		12		SS		1.4	0.04	0.12	1.28	2.47	0.77	PCI/G				Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1342	AAB4898		12		SS		1.4	0.04	0.12	1.28	2.47	0.77	PCI/G				Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1342	AAB4898		12		SS		1.4	0.04	0.12	1.28	2.47	0.77	PCI/G		D		Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1344	AAB4898		12		SS		1.4	0.04	0.12	1.28	2.47	0.77	PCI/G		D		Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1344	AAB4898		12		SS		1.4	0.04	0.12	1.28	2.47	0.77	PCI/G				Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1345	AAB4898		12		SS		1.4	0.04	0.12	1.28	2.47	0.77	PCI/G				Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1345	AAB4898		12		SS		1.4	0.04	0.12	1.28	2.47	0.77	PCI/G		D		Locale 1340, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1352	AAB4907		12		SS		0.9	0.025	0.075	0.825	2.47	0.77	PCI/G				Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1354	AAB4907		12		SS		0.9	0.025	0.075	0.825	2.47	0.77	PCI/G				Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1356	AAB4907		12		SS		0.9	0.025	0.075	0.825	2.47	0.77	PCI/G				Locale 1350, Kiva 1	RAS	19826	37126	RAD
Thorium-232	18-1357	AAB4907		12		SS		0.9	0.025	0.075	0.825	2.47	0.77	PCI/G				Locale 1350, Kiva 1	RAS	19826	37126	RAD

SAMPLING DATA FOR PRS 18-002(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncer	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-232	18-1362	AAB4916	0	12	in	SS		1.2	0.035	0.105	1.095	2.47	0.77	PCI/G				Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1365	AAB4916	0	12	in	SS		1.2	0.035	0.105	1.095	2.47	0.77	PCI/G				Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1366	AAB4916	0	12	in	SS		1.2	0.035	0.105	1.095	2.47	0.77	PCI/G				Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1367	AAB4916	0	12	in	SS		1.2	0.035	0.105	1.095	2.47	0.77	PCI/G				Locale 1360, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1370	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G		D		Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1370	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G				Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1373	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G		D		Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1373	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G				Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1375	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G		D		Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1375	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G				Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1376	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G		D		Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1376	AAB4925	0	12	in	SS		1.3	0.035	0.105	1.195	2.47	0.77	PCI/G				Locale 1370, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1380	AAB4934	0	12	in	SS		1.1	0.03	0.09	1.01	2.47	0.77	PCI/G				18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1384	AAB4934	0	12	in	SS		1.1	0.03	0.09	1.01	2.47	0.77	PCI/G				18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1385	AAB4935	0	12	in	SS		1.1	0.03	0.09	1.01	2.47	0.77	PCI/G				18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1387	AAB4935	0	12	in	SS		1.1	0.03	0.09	1.01	2.47	0.77	PCI/G				18-002(a), Locale 1380, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1391	AAB4944	0	12	in	SS		1.1	0.03	0.09	1.01	2.47	0.77	PCI/G				Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1394	AAB4944	0	12	in	SS		1.1	0.03	0.09	1.01	2.47	0.77	PCI/G				Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1395	AAB4944	0	12	in	SS		1.1	0.03	0.09	1.01	2.47	0.77	PCI/G				Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1397	AAB4944	0	12	in	SS		1.1	0.03	0.09	1.01	2.47	0.77	PCI/G				Locale 1390, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1700	AAB4953	0	12	in	SS		1	0.025	0.075	0.925	2.47	0.77	PCI/G				18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1702	AAB4953	0	12	in	SS		1	0.025	0.075	0.925	2.47	0.77	PCI/G				18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1703	AAB4954	0	12	in	SS		1.7	0.05	0.15	1.55	2.47	0.77	PCI/G				18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-232	18-1704	AAB4954	0	12	in	SS		1.7	0.05	0.15	1.55	2.47	0.77	PCI/G				18-002(a), Locale 1700, Kiva 1	RAS	19830	37228	RAD
Thorium-232	NA	AAB4955				W		0.05	0.01	0.03	0.02		15	PCI/L	EB	D		18-002(a), Kiva 1	RAS	19830	37228	RAD
Thorium-232	NA	AAB4955				W		0.04	0.005	0.015	0.025		15	PCI/L	EB			18-002(a), Kiva 1	RAS	19830	37228	RAD
Thorium-232	NA	AAB4956				SS		1.2	0.03	0.09	1.11	2.47	0.77	PCI/G	FE			18-002(a) Kiva 1	RAS	19830	37228	RAD
Uranium	18-1300	AAB4861	0	12	in	SS		0.552	0.1104	0.3312	0.2208	5.45		MG/KG			J	18-002(a), Locale 1300, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1301	AAB4861	0	12	in	SS		0.552	0.1104	0.3312	0.2208	5.45		MG/KG			J	18-002(a), Locale 1300, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1303	AAB4862	0	12	in	SS		0.881	0.1762	0.5286	0.3524	5.45		MG/KG			J	18-002(a), Locale 1300, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1307	AAB4862	0	12	in	SS		0.881	0.1762	0.5286	0.3524	5.45		MG/KG			J	18-002(a), Locale 1300, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1310	AAB4871	0	12	in	SS		1.6	0.32	0.96	0.64	5.45		MG/KG			J	18-002(a), Locale 1310, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1312	AAB4871	0	12	in	SS		1.6	0.32	0.96	0.64	5.45		MG/KG			J	18-002(a), Locale 1310, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1313	AAB4871	0	12	in	SS		1.6	0.32	0.96	0.64	5.45		MG/KG			J	18-002(a), Locale 1310, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1315	AAB4871	0	12	in	SS		1.6	0.32	0.96	0.64	5.45		MG/KG			J	18-002(a), Locale 1310, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1322	AAB4880	0	12	in	SS		0.786	0.1572	0.4716	0.3144	5.45		MG/KG			J	Locale 1320, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1324	AAB4880	0	12	in	SS		0.786	0.1572	0.4716	0.3144	5.45		MG/KG			J	Locale 1320, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1326	AAB4880	0	12	in	SS		0.786	0.1572	0.4716	0.3144	5.45		MG/KG			J	Locale 1320, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1327	AAB4880	0	12	in	SS		0.786	0.1572	0.4716	0.3144	5.45		MG/KG			J	Locale 1320, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1331	AAB4889	0	12	in	SS		1.09	0.218	0.654	0.436	5.45		MG/KG			J	Locale 1330, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1334	AAB4889	0	12	in	SS		1.09	0.218	0.654	0.436	5.45		MG/KG			J	Locale 1330, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1335	AAB4889	0	12	in	SS		1.09	0.218	0.654	0.436	5.45		MG/KG			J	Locale 1330, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1337	AAB4889	0	12	in	SS		1.09	0.218	0.654	0.436	5.45		MG/KG			J	Locale 1330, Kiva 1	KPA	19828	37123	RAD
Uranium	18-1342	AAB4898		12		SS		1.03	0.206	0.618	0.412	5.45		MG/KG		D	J	Locale 1340, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1342	AAB4898		12		SS		1.25	0.25	0.75	0.5	5.45		MG/KG			J	Locale 1340, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1342	AAB4898		12		SS		1.03	0.206	0.618	0.412	5.45		MG/KG		D	J	Locale 1340, Kiva 1	KPA	19826	37122	RAD

SAMPLING DATA FOR PRS 18-002(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncer	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1342	AAB4898		12		SS		1.25	0.25	0.75	0.5	5.45		MG/KG			J	Locale 1340, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1344	AAB4898		12		SS		1.03	0.206	0.618	0.412	5.45		MG/KG		D	J	Locale 1340, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1344	AAB4898		12		SS		1.25	0.25	0.75	0.5	5.45		MG/KG			J	Locale 1340, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1345	AAB4898		12		SS		1.25	0.25	0.75	0.5	5.45		MG/KG			J	Locale 1340, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1345	AAB4898		12		SS		1.03	0.206	0.618	0.412	5.45		MG/KG		D	J	Locale 1340, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1352	AAB4907		12		SS		1.14	0.228	0.684	0.456	5.45		MG/KG			J	Locale 1350, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1354	AAB4907		12		SS		1.14	0.228	0.684	0.456	5.45		MG/KG			J	Locale 1350, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1356	AAB4907		12		SS		1.14	0.228	0.684	0.456	5.45		MG/KG			J	Locale 1350, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1357	AAB4907		12		SS		1.14	0.228	0.684	0.456	5.45		MG/KG			J	Locale 1350, Kiva 1	KPA	19826	37122	RAD
Uranium	18-1362	AAB4916	0	12	in	SS		1.12	0.224	0.672	0.448	5.45		MG/KG			J	Locale 1360, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1365	AAB4916	0	12	in	SS		1.12	0.224	0.672	0.448	5.45		MG/KG			J	Locale 1360, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1366	AAB4916	0	12	in	SS		1.12	0.224	0.672	0.448	5.45		MG/KG			J	Locale 1360, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1367	AAB4916	0	12	in	SS		1.12	0.224	0.672	0.448	5.45		MG/KG			J	Locale 1360, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1370	AAB4925	0	12	in	SS		0.927	0.1854	0.5562	0.3708	5.45		MG/KG			J	Locale 1370, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1373	AAB4925	0	12	in	SS		0.927	0.1854	0.5562	0.3708	5.45		MG/KG			J	Locale 1370, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1375	AAB4925	0	12	in	SS		0.927	0.1854	0.5562	0.3708	5.45		MG/KG			J	Locale 1370, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1376	AAB4925	0	12	in	SS		0.927	0.1854	0.5562	0.3708	5.45		MG/KG			J	Locale 1370, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1380	AAB4934	0	12	in	SS		0.5	0.1	0.3	0.2	5.45		MG/KG			J	18-002(a), Locale 1380, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1384	AAB4934	0	12	in	SS		0.5	0.1	0.3	0.2	5.45		MG/KG			J	18-002(a), Locale 1380, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1385	AAB4935	0	12	in	SS		0.566	0.1132	0.3396	0.2264	5.45		MG/KG			J	18-002(a), Locale 1380, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1387	AAB4935	0	12	in	SS		0.566	0.1132	0.3396	0.2264	5.45		MG/KG			J	18-002(a), Locale 1380, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1391	AAB4944	0	12	in	SS		0.935	0.187	0.561	0.374	5.45		MG/KG			J	Locale 1390, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1394	AAB4944	0	12	in	SS		0.935	0.187	0.561	0.374	5.45		MG/KG			J	Locale 1390, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1395	AAB4944	0	12	in	SS		0.935	0.187	0.561	0.374	5.45		MG/KG			J	Locale 1390, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1397	AAB4944	0	12	in	SS		0.935	0.187	0.561	0.374	5.45		MG/KG			J	Locale 1390, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1700	AAB4953	0	12	in	SS		1.98	0.396	1.188	0.792	5.45		MG/KG			J	18-002(a), Locale 1700, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1702	AAB4953	0	12	in	SS		1.98	0.396	1.188	0.792	5.45		MG/KG			J	18-002(a), Locale 1700, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1703	AAB4954	0	12	in	SS		0.557	0.1114	0.3342	0.2228	5.45		MG/KG			J	18-002(a), Locale 1700, Kiva 1	KPA	19830	37231	RAD
Uranium	18-1704	AAB4954	0	12	in	SS		0.557	0.1114	0.3342	0.2228	5.45		MG/KG			J	18-002(a), Locale 1700, Kiva 1	KPA	19830	37231	RAD
Uranium	NA	AAB4955				W	<	0.111	0	0	0.111			UG/L	BB			18-002(a), Kiva 1	KPA	19830	37231	RAD
Uranium-234	NA	AAB4956				SS		1.2	0.035	0.105	1.095	1.94	13	PCI/G	PE			18-002(a) Kiva 1	RAS	19830	37225	RAD
Uranium-234	NA	AAB4956				SS		1.28	0.04	0.12	1.16	1.94	13	PCI/G	PE	D		18-002(a) Kiva 1	RAS	19830	37225	RAD
Uranium-235	NA	AAB4956				SS		0.1	0.005	0.015	0.085	0.084	10	PCI/G	PE	D	J	18-002(a) Kiva 1	RAS	19830	37225	RAD
Uranium-235	NA	AAB4956				SS		0.1	0.005	0.015	0.085	0.084	10	PCI/G	PE		J	18-002(a) Kiva 1	RAS	19830	37225	RAD
Uranium-238	NA	AAB4956				SS		1.34	0.04	0.12	1.22	1.82	67	PCI/G	PE			18-002(a) Kiva 1	RAS	19830	37225	RAD
Uranium-238	NA	AAB4956				SS		1.28	0.04	0.12	1.16	1.82	67	PCI/G	PE	D		18-002(a) Kiva 1	RAS	19830	37225	RAD

SAMPLING DATA FOR PRS 18-002(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sel Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-228	18-1075	AAB4440	0	12	in	SS		1.378	0.1	0.3	1.078		1.7	PCI/G			J	firing point-C	RAS	19474	31657	RAD
Thorium-228	18-1075	AAB4442	25	37	in	SS		1.041	0.0765	0.2295	0.8115		1.7	PCI/G				firing point-C	RAS	19474	31657	RAD
Thorium-228	18-1075	AAB4444	48	60	in	SS		0.885	0.099	0.297	0.588		1.7	PCI/G	FD		R	firing point-C	RAS	19474	31657	RAD
Thorium-228	18-1075	AAB4444	48	60	in	SS		1.426	0.113	0.339	1.087		1.7	PCI/G	FD			firing point-C	RAS	19474	31671	RAD
Thorium-228	18-1075	AAB4445	48	60	in	SS		0.827	0.1215	0.3645	0.4625		1.7	PCI/G	FD		R	firing point-C	RAS	19474	31657	RAD
Thorium-228	18-1075	AAB4445	48	60	in	SS		0.946	0.089	0.267	0.679		1.7	PCI/G	FD			firing point-C	RAS	19474	31671	RAD
Thorium-228	18-1076	AAB4447	0	12	in	SS		1.221	0.1525	0.4575	0.7635		1.7	PCI/G			R	firing point-N	RAS	19474	31657	RAD
Thorium-228	18-1076	AAB4447	0	12	in	SS		1.441	0.109	0.327	1.114		1.7	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-228	18-1076	AAB4449	24	36	in	SS		1.471	0.1245	0.3735	1.0975		1.7	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-228	18-1076	AAB4449	24	36	in	SS		1.155	0.106	0.318	0.837		1.7	PCI/G			J	firing point-N	RAS	19474	31657	RAD
Thorium-228	18-1076	AAB4449	24	36	in	SS		1.264	0.111	0.333	0.931		1.7	PCI/G		D		firing point-N	RAS	19474	31671	RAD
Thorium-228	18-1076	AAB4451	48	60	in	SS		1.002	0.09	0.27	0.732		1.7	PCI/G			J	firing point-N	RAS	19474	31657	RAD
Thorium-228	18-1076	AAB4451	48	60	in	SS		1.032	0.082	0.246	0.786		1.7	PCI/G		D	J	firing point-N	RAS	19474	31657	RAD
Thorium-228	18-1076	AAB4451	48	60	in	SS		1.189	0.1055	0.3165	0.8725		1.7	PCI/G		D		firing point-N	RAS	19474	31671	RAD
Thorium-228	18-1076	AAB4451	48	60	in	SS		1.061	0.086	0.258	0.803		1.7	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-228	18-1077	AAB4453	0	12	in	SS		2.998	0.362	1.086	1.912		1.7	PCI/G			R	firing point-E	RAS	19474	31657	RAD
Thorium-228	18-1077	AAB4455	30	42	in	SS		1.288	0.13	0.39	0.898		1.7	PCI/G			J	firing point-E	RAS	19474	31657	RAD
Thorium-228	18-1077	AAB4455	30	42	in	SS		1.124	0.0895	0.2685	0.8555		1.7	PCI/G				firing point-E	RAS	19474	31671	RAD
Thorium-228	18-1077	AAB4457	48	60	in	SS		1.115	0.1175	0.3525	0.7625		1.7	PCI/G			J	firing point-E	RAS	19474	31657	RAD
Thorium-228	18-1077	AAB4457	48	60	in	SS		1.547	0.141	0.423	1.124		1.7	PCI/G			J	firing point-E	RAS	19474	31671	RAD
Thorium-228	18-1078	AAB4459	0	12	in	SS		1.02	0.082	0.246	0.774		1.7	PCI/G			J	firing point-S	RAS	19474	31657	RAD
Thorium-228	18-1078	AAB4459	0	12	in	SS		0.905	0.091	0.273	0.632		1.7	PCI/G			J	firing point-S	RAS	19474	31671	RAD
Thorium-228	18-1078	AAB4461	24	36	in	SS		1.613	0.1765	0.5295	1.0835		1.7	PCI/G			R	firing point-S	RAS	19474	31657	RAD
Thorium-228	18-1078	AAB4463	48	60	in	SS		1.32	0.136	0.408	0.912		1.7	PCI/G			J	firing point-S	RAS	19474	31657	RAD
Thorium-228	18-1078	AAB4463	48	60	in	SS		1.36	0.123	0.369	0.991		1.7	PCI/G			J	firing point-S	RAS	19474	31671	RAD
Thorium-228	18-1079	AAB4465	0	12	in	SS		1.095	0.0925	0.2775	0.8175		1.7	PCI/G			J	firing point-W	RAS	19474	31657	RAD
Thorium-228	18-1079	AAB4467	36	48	in	SS		1.142	0.109	0.327	0.815		1.7	PCI/G			J	firing point-W	RAS	19474	31657	RAD
Thorium-228	18-1079	AAB4469	48	60	in	SS		0.883	0.075	0.225	0.658		1.7	PCI/G			J	firing point-W	RAS	19474	31657	RAD
Thorium-228	18-1079	AAB4469	48	60	in	SS		0.95	0.0905	0.2715	0.6785		1.7	PCI/G				firing point-W	RAS	19474	31671	RAD
Thorium-228	18-1403	AAB4965	0	12	in	SS		0.4774	0.0492	0.1476	0.3298		1.7	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1403	AAB4965	0	12	in	SS		0.2786	0.0333	0.0999	0.1787		1.7	PCI/G		D	J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1404	AAB4965	0	12	in	SS		0.2786	0.0333	0.0999	0.1787		1.7	PCI/G		D	J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1404	AAB4965	0	12	in	SS		0.4774	0.0492	0.1476	0.3298		1.7	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1405	AAB4966	0	12	in	SS		0.4797	0.0523	0.1569	0.3228		1.7	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1407	AAB4966	0	12	in	SS		0.4797	0.0523	0.1569	0.3228		1.7	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1410	AAB4975	0	12	in	SS		0.3157	0.0395	0.1185	0.1972		1.7	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1411	AAB4975	0	12	in	SS		0.3157	0.0395	0.1185	0.1972		1.7	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1413	AAB4975	0	12	in	SS		0.3157	0.0395	0.1185	0.1972		1.7	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1414	AAB4975	0	12	in	SS		0.3157	0.0395	0.1185	0.1972		1.7	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1421	AAB4984	0	12	in	SS		0.1996	0.0269	0.0807	0.1189		1.7	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1424	AAB4984	0	12	in	SS		0.1996	0.0269	0.0807	0.1189		1.7	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1425	AAB4984	0	12	in	SS		0.1996	0.0269	0.0807	0.1189		1.7	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1426	AAB4984	0	12	in	SS		0.1996	0.0269	0.0807	0.1189		1.7	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1431	AAB4993	0	12	in	SS		1.18	0.09	0.27	0.91		1.7	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1433	AAB4993	0	12	in	SS		1.18	0.09	0.27	0.91		1.7	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1436	AAB4994	0	12	in	SS		1.17	0.095	0.285	0.885		1.7	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1437	AAB4994	0	12	in	SS		1.17	0.095	0.285	0.885		1.7	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1441	AAB5003	0	12	in	SS		1.47	0.11	0.33	1.14		1.7	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1441	AAB5003	0	12	in	SS		1.56	0.115	0.345	1.215		1.7	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-228	18-1442	AAB5003	0	12	in	SS		1.47	0.11	0.33	1.14		1.7	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1442	AAB5003	0	12	in	SS		1.56	0.115	0.345	1.215		1.7	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1445	AAB5003	0	12	in	SS		1.47	0.11	0.33	1.14		1.7	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1445	AAB5003	0	12	in	SS		1.56	0.115	0.345	1.215		1.7	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1446	AAB5003	0	12	in	SS		1.47	0.11	0.33	1.14		1.7	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1446	AAB5003	0	12	in	SS		1.56	0.115	0.345	1.215		1.7	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1450	AAB5012	0	12	in	SS		1.05	0.085	0.255	0.795		1.7	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1450	AAB5013	0	12	in	SS		1.15	0.09	0.27	0.88		1.7	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1451	AAB5012	0	12	in	SS		1.05	0.085	0.255	0.795		1.7	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1451	AAB5013	0	12	in	SS		1.15	0.09	0.27	0.88		1.7	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1453	AAB5012	0	12	in	SS		1.05	0.085	0.255	0.795		1.7	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1453	AAB5013	0	12	in	SS		1.15	0.09	0.27	0.88		1.7	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1454	AAB5012	0	12	in	SS		1.05	0.085	0.255	0.795		1.7	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1454	AAB5013	0	12	in	SS		1.15	0.09	0.27	0.88		1.7	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1461	AAB5022	0	12	in	SS		1.16	0.09	0.27	0.89		1.7	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1462	AAB5022	0	12	in	SS		1.16	0.09	0.27	0.89		1.7	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1463	AAB5023				SS		1.47	0.11	0.33	1.14		1.7	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1466	AAB5023				SS		1.47	0.11	0.33	1.14		1.7	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-228	18-1474	AAB5032	0	12	in	SS		0.2783	0.0342	0.1026	0.1757		1.7	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1475	AAB5032	0	12	in	SS		0.2783	0.0342	0.1026	0.1757		1.7	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1476	AAB5032	0	12	in	SS		0.2783	0.0342	0.1026	0.1757		1.7	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1477	AAB5032	0	12	in	SS		0.2783	0.0342	0.1026	0.1757		1.7	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1481	AAB5041	0	12	in	SS		0.2848	0.0367	0.1101	0.1747		1.7	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1482	AAB5041	0	12	in	SS		0.2848	0.0367	0.1101	0.1747		1.7	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1484	AAB5041	0	12	in	SS		0.2848	0.0367	0.1101	0.1747		1.7	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1486	AAB5041	0	12	in	SS		0.2848	0.0367	0.1101	0.1747		1.7	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1491	AAB5050	0	12	in	SS		0.1507	0.0188	0.0564	0.0943		1.7	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1492	AAB5050	0	12	in	SS		0.1507	0.0188	0.0564	0.0943		1.7	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1493	AAB5050	0	12	in	SS		0.1507	0.0188	0.0564	0.0943		1.7	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1494	AAB5050	0	12	in	SS		0.1507	0.0188	0.0564	0.0943		1.7	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1500	AAB5059	0	12	in	SS		0.1809	0.0225	0.0675	0.1134		1.7	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1501	AAB5059	0	12	in	SS		0.1809	0.0225	0.0675	0.1134		1.7	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1502	AAB5059	0	12	in	SS		0.1809	0.0225	0.0675	0.1134		1.7	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-228	18-1505	AAB5059	0	12	in	SS		0.1809	0.0225	0.0675	0.1134		1.7	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-228	NA	AAB5060				W		0	0	0	0		15	PCI/L	EB			18-002(b), Kiva 2	RAS	20153	35013	RAD
Thorium-228	NA	AAB5192	0	0	in	W		0.01	0.005	0.015	-0.005		15	PCI/L	EB			18-002(b) Firing sites	RAS	20470	35425	RAD
Thorium-230	18-1075	AAB4440	0	12	in	SS		0.966	0.0755	0.2265	0.7395		0.18	PCI/G			J	firing point-C	RAS	19474	31657	RAD
Thorium-230	18-1075	AAB4442	25	37	in	SS		0.831	0.0645	0.1935	0.6375		0.18	PCI/G				firing point-C	RAS	19474	31657	RAD
Thorium-230	18-1075	AAB4444	48	60	in	SS		0.813	0.076	0.228	0.585		0.18	PCI/G	FD			firing point-C	RAS	19474	31671	RAD
Thorium-230	18-1075	AAB4444	48	60	in	SS		0.676	0.09	0.27	0.406		0.18	PCI/G	FD		R	firing point-C	RAS	19474	31657	RAD
Thorium-230	18-1075	AAB4445	48	60	in	SS		0.734	0.15	0.45	0.284		0.18	PCI/G	FD		R	firing point-C	RAS	19474	31657	RAD
Thorium-230	18-1075	AAB4445	48	60	in	SS		0.885	0.088	0.264	0.621		0.18	PCI/G	FD			firing point-C	RAS	19474	31671	RAD
Thorium-230	18-1076	AAB4447	0	12	in	SS		1.061	0.152	0.456	0.605		0.18	PCI/G			R	firing point-N	RAS	19474	31657	RAD
Thorium-230	18-1076	AAB4447	0	12	in	SS		1.191	0.094	0.282	0.909		0.18	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-230	18-1076	AAB4449	24	36	in	SS		0.822	0.086	0.258	0.564		0.18	PCI/G			J	firing point-N	RAS	19474	31657	RAD
Thorium-230	18-1076	AAB4449	24	36	in	SS		1.185	0.11	0.33	0.855		0.18	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-230	18-1076	AAB4449	24	36	in	SS		0.892	0.0875	0.2625	0.6295		0.18	PCI/G		D		firing point-N	RAS	19474	31671	RAD
Thorium-230	18-1076	AAB4451	48	60	in	SS		0.764	0.069	0.207	0.557		0.18	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-230	18-1076	AAB4451	48	60	in	SS		0.777	0.08	0.24	0.537		0.18	PCI/G		D		firing point-N	RAS	19474	31671	RAD

SAMPLING DATA FOR PRS 18-002(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-230	18-1076	AAB4451	48	60	in	SS		0.687	0.062	0.186	0.501		0.18	PCI/G		D	J	firing point-N	RAS	19474	31657	RAD
Thorium-230	18-1076	AAB4451	48	60	in	SS		0.718	0.0725	0.2175	0.5005		0.18	PCI/G			J	firing point-N	RAS	19474	31657	RAD
Thorium-230	18-1077	AAB4453	0	12	in	SS		1.108	0.215	0.645	0.463		0.18	PCI/G			R	firing point-E	RAS	19474	31657	RAD
Thorium-230	18-1077	AAB4455	30	42	in	SS		0.887	0.1045	0.3135	0.5735		0.18	PCI/G			J	firing point-E	RAS	19474	31657	RAD
Thorium-230	18-1077	AAB4455	30	42	in	SS		0.896	0.076	0.228	0.668		0.18	PCI/G				firing point-E	RAS	19474	31671	RAD
Thorium-230	18-1077	AAB4457	48	60	in	SS		0.791	0.0985	0.2955	0.4955		0.18	PCI/G			J	firing point-E	RAS	19474	31657	RAD
Thorium-230	18-1077	AAB4457	48	60	in	SS		0.971	0.106	0.318	0.653		0.18	PCI/G			J	firing point-E	RAS	19474	31671	RAD
Thorium-230	18-1078	AAB4459	0	12	in	SS		0.712	0.08	0.24	0.472		0.18	PCI/G			J	firing point-S	RAS	19474	31671	RAD
Thorium-230	18-1078	AAB4459	0	12	in	SS		0.736	0.066	0.198	0.538		0.18	PCI/G			J	firing point-S	RAS	19474	31657	RAD
Thorium-230	18-1078	AAB4461	24	36	in	SS		1	0.1415	0.4245	0.5755		0.18	PCI/G			R	firing point-S	RAS	19474	31657	RAD
Thorium-230	18-1078	AAB4463	48	60	in	SS		1.149	0.1305	0.3915	0.7575		0.18	PCI/G			J	firing point-S	RAS	19474	31657	RAD
Thorium-230	18-1078	AAB4463	48	60	in	SS		1.363	0.1265	0.3795	0.9835		0.18	PCI/G			J	firing point-S	RAS	19474	31671	RAD
Thorium-230	18-1079	AAB4465	0	12	in	SS		0.764	0.0735	0.2205	0.5435		0.18	PCI/G			J	firing point-W	RAS	19474	31657	RAD
Thorium-230	18-1079	AAB4467	36	48	in	SS		0.716	0.0825	0.2475	0.4685		0.18	PCI/G			J	firing point-W	RAS	19474	31657	RAD
Thorium-230	18-1079	AAB4469	48	60	in	SS		0.662	0.0615	0.1845	0.4775		0.18	PCI/G			J	firing point-W	RAS	19474	31657	RAD
Thorium-230	18-1079	AAB4469	48	60	in	SS		0.811	0.0825	0.2475	0.5635		0.18	PCI/G				firing point-W	RAS	19474	31671	RAD
Thorium-230	18-1403	AAB4965	0	12	in	SS		0.3354	0.037	0.111	0.2244		0.18	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1403	AAB4965	0	12	in	SS		0.239	0.0297	0.0891	0.1499		0.18	PCI/G		D	J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1404	AAB4965	0	12	in	SS		0.3354	0.037	0.111	0.2244		0.18	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1404	AAB4965	0	12	in	SS		0.239	0.0297	0.0891	0.1499		0.18	PCI/G		D	J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1405	AAB4966	0	12	in	SS		0.2954	0.0357	0.1071	0.1883		0.18	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1407	AAB4966	0	12	in	SS		0.2954	0.0357	0.1071	0.1883		0.18	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1410	AAB4975	0	12	in	SS		0.137	0.022	0.066	0.071		0.18	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1411	AAB4975	0	12	in	SS		0.137	0.022	0.066	0.071		0.18	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1413	AAB4975	0	12	in	SS		0.137	0.022	0.066	0.071		0.18	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1414	AAB4975	0	12	in	SS		0.137	0.022	0.066	0.071		0.18	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1421	AAB4984	0	12	in	SS		0.1417	0.0213	0.0639	0.0778		0.18	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1424	AAB4984	0	12	in	SS		0.1417	0.0213	0.0639	0.0778		0.18	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1425	AAB4984	0	12	in	SS		0.1417	0.0213	0.0639	0.0778		0.18	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1426	AAB4984	0	12	in	SS		0.1417	0.0213	0.0639	0.0778		0.18	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1431	AAB4993	0	12	in	SS		0.92	0.075	0.225	0.695		0.18	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1433	AAB4993	0	12	in	SS		0.92	0.075	0.225	0.695		0.18	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1436	AAB4994	0	12	in	SS		1.03	0.085	0.255	0.775		0.18	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1437	AAB4994	0	12	in	SS		1.03	0.085	0.255	0.775		0.18	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1441	AAB5003	0	12	in	SS		1.22	0.095	0.285	0.935		0.18	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1441	AAB5003	0	12	in	SS		1	0.08	0.24	0.76		0.18	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1442	AAB5003	0	12	in	SS		1.22	0.095	0.285	0.935		0.18	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1442	AAB5003	0	12	in	SS		1	0.08	0.24	0.76		0.18	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1445	AAB5003	0	12	in	SS		1.22	0.095	0.285	0.935		0.18	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1445	AAB5003	0	12	in	SS		1	0.08	0.24	0.76		0.18	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1446	AAB5003	0	12	in	SS		1.22	0.095	0.285	0.935		0.18	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1446	AAB5003	0	12	in	SS		1	0.08	0.24	0.76		0.18	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1450	AAB5012	0	12	in	SS		0.88	0.075	0.225	0.655		0.18	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1450	AAB5013	0	12	in	SS		1.03	0.085	0.255	0.775		0.18	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1451	AAB5012	0	12	in	SS		0.88	0.075	0.225	0.655		0.18	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1451	AAB5013	0	12	in	SS		1.03	0.085	0.255	0.775		0.18	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1453	AAB5012	0	12	in	SS		0.88	0.075	0.225	0.655		0.18	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1453	AAB5013	0	12	in	SS		1.03	0.085	0.255	0.775		0.18	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1454	AAB5012	0	12	in	SS		0.88	0.075	0.225	0.655		0.18	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-230	18-1454	AAB5013	0	12	in	SS		1.03	0.085	0.255	0.775		0.18	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1461	AAB5022	0	12	in	SS		1.03	0.08	0.24	0.79		0.18	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1462	AAB5022	0	12	in	SS		1.03	0.08	0.24	0.79		0.18	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1463	AAB5023				SS		0.95	0.08	0.24	0.71		0.18	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1466	AAB5023				SS		0.95	0.08	0.24	0.71		0.18	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-230	18-1474	AAB5032	0	12	in	SS		0.2279	0.0296	0.0888	0.1391		0.18	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1475	AAB5032	0	12	in	SS		0.2279	0.0296	0.0888	0.1391		0.18	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1476	AAB5032	0	12	in	SS		0.2279	0.0296	0.0888	0.1391		0.18	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1477	AAB5032	0	12	in	SS		0.2279	0.0296	0.0888	0.1391		0.18	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1481	AAB5041	0	12	in	SS		0.2786	0.0361	0.1083	0.1703		0.18	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1482	AAB5041	0	12	in	SS		0.2786	0.0361	0.1083	0.1703		0.18	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1484	AAB5041	0	12	in	SS		0.2786	0.0361	0.1083	0.1703		0.18	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1486	AAB5041	0	12	in	SS		0.2786	0.0361	0.1083	0.1703		0.18	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1491	AAB5050	0	12	in	SS		0.0943	0.0137	0.0411	0.0532		0.18	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1492	AAB5050	0	12	in	SS		0.0943	0.0137	0.0411	0.0532		0.18	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1493	AAB5050	0	12	in	SS		0.0943	0.0137	0.0411	0.0532		0.18	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1494	AAB5050	0	12	in	SS		0.0943	0.0137	0.0411	0.0532		0.18	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1500	AAB5059	0	12	in	SS		0.1242	0.0173	0.0519	0.0723		0.18	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1501	AAB5059	0	12	in	SS		0.1242	0.0173	0.0519	0.0723		0.18	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1502	AAB5059	0	12	in	SS		0.1242	0.0173	0.0519	0.0723		0.18	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-230	18-1505	AAB5059	0	12	in	SS		0.1242	0.0173	0.0519	0.0723		0.18	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-230	NA	AAB5060				W		0	0	0	0		15	PCI/L	EB			18-002(b), Kiva 2	RAS	20153	35013	RAD
Thorium-230	NA	AAB5192	0	0	in	W		0.25	0.035	0.105	0.145		15	PCI/L	EB			18-002(b) Firing sites	RAS	20470	35425	RAD
Thorium-232	18-1075	AAB4440	0	12	in	SS		1.2	0.0895	0.2685	0.9315	2.47	0.77	PCI/G			J	firing point-C	RAS	19474	31657	RAD
Thorium-232	18-1075	AAB4442	25	37	in	SS		1	0.0745	0.2235	0.7765	2.47	0.77	PCI/G				firing point-C	RAS	19474	31657	RAD
Thorium-232	18-1075	AAB4444	48	60	in	SS		1.146	0.097	0.291	0.855	2.47	0.77	PCI/G	FD			firing point-C	RAS	19474	31671	RAD
Thorium-232	18-1075	AAB4444	48	60	in	SS		0.977	0.1125	0.3375	0.6395	2.47	0.77	PCI/G	FD		R	firing point-C	RAS	19474	31657	RAD
Thorium-232	18-1075	AAB4445	48	60	in	SS		1.023	0.0965	0.2895	0.7335	2.47	0.77	PCI/G	FD			firing point-C	RAS	19474	31671	RAD
Thorium-232	18-1075	AAB4445	48	60	in	SS		0.887	0.154	0.462	0.425	2.47	0.77	PCI/G	FD		R	firing point-C	RAS	19474	31657	RAD
Thorium-232	18-1076	AAB4447	0	12	in	SS		1.57	0.1165	0.3495	1.2205	2.47	0.77	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-232	18-1076	AAB4447	0	12	in	SS		1.401	0.1805	0.5415	0.8595	2.47	0.77	PCI/G			R	firing point-N	RAS	19474	31657	RAD
Thorium-232	18-1076	AAB4449	24	36	in	SS		1.155	0.108	0.324	0.831	2.47	0.77	PCI/G			J	firing point-N	RAS	19474	31657	RAD
Thorium-232	18-1076	AAB4449	24	36	in	SS		1.254	0.1145	0.3435	0.9105	2.47	0.77	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-232	18-1076	AAB4449	24	36	in	SS		1.3	0.114	0.342	0.958	2.47	0.77	PCI/G		D		firing point-N	RAS	19474	31671	RAD
Thorium-232	18-1076	AAB4451	48	60	in	SS		0.941	0.0875	0.2625	0.6785	2.47	0.77	PCI/G			J	firing point-N	RAS	19474	31657	RAD
Thorium-232	18-1076	AAB4451	48	60	in	SS		1.038	0.086	0.258	0.78	2.47	0.77	PCI/G				firing point-N	RAS	19474	31671	RAD
Thorium-232	18-1076	AAB4451	48	60	in	SS		1.016	0.096	0.288	0.728	2.47	0.77	PCI/G		D		firing point-N	RAS	19474	31671	RAD
Thorium-232	18-1076	AAB4451	48	60	in	SS		0.881	0.074	0.222	0.659	2.47	0.77	PCI/G		D	J	firing point-N	RAS	19474	31657	RAD
Thorium-232	18-1077	AAB4453	0	12	in	SS		2.383	0.332	0.996	1.387	2.47	0.77	PCI/G			R	firing point-E	RAS	19474	31657	RAD
Thorium-232	18-1077	AAB4455	30	42	in	SS		1.18	0.125	0.375	0.805	2.47	0.77	PCI/G			J	firing point-E	RAS	19474	31657	RAD
Thorium-232	18-1077	AAB4455	30	42	in	SS		1.092	0.0885	0.2655	0.8265	2.47	0.77	PCI/G				firing point-E	RAS	19474	31671	RAD
Thorium-232	18-1077	AAB4457	48	60	in	SS		0.982	0.1125	0.3375	0.6445	2.47	0.77	PCI/G			J	firing point-E	RAS	19474	31657	RAD
Thorium-232	18-1077	AAB4457	48	60	in	SS		3.831	0.286	0.858	2.973	2.47	0.77	PCI/G			J	firing point-E	RAS	19474	31671	RAD
Thorium-232	18-1078	AAB4459	0	12	in	SS		0.824	0.089	0.267	0.557	2.47	0.77	PCI/G			J	firing point-S	RAS	19474	31671	RAD
Thorium-232	18-1078	AAB4459	0	12	in	SS		0.887	0.0755	0.2265	0.6605	2.47	0.77	PCI/G			J	firing point-S	RAS	19474	31657	RAD
Thorium-232	18-1078	AAB4461	24	36	in	SS		1.14	0.1445	0.4335	0.7065	2.47	0.77	PCI/G			R	firing point-S	RAS	19474	31657	RAD
Thorium-232	18-1078	AAB4463	48	60	in	SS		1.113	0.1235	0.3705	0.7425	2.47	0.77	PCI/G			J	firing point-S	RAS	19474	31657	RAD
Thorium-232	18-1078	AAB4463	48	60	in	SS		1.568	0.139	0.417	1.151	2.47	0.77	PCI/G			J	firing point-S	RAS	19474	31671	RAD
Thorium-232	18-1079	AAB4465	0	12	in	SS		0.944	0.0845	0.2535	0.6905	2.47	0.77	PCI/G			J	firing point-W	RAS	19474	31657	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-232	18-1079	AAB4467	36	48	in	SS		1.248	0.119	0.357	0.891	2.47	0.77	PCI/G			J	firing point-W	RAS	19474	31657	RAD
Thorium-232	18-1079	AAB4469	48	60	in	SS		0.811	0.071	0.213	0.598	2.47	0.77	PCI/G			J	firing point-W	RAS	19474	31657	RAD
Thorium-232	18-1079	AAB4469	48	60	in	SS		0.996	0.0945	0.2835	0.7125	2.47	0.77	PCI/G				firing point-W	RAS	19474	31671	RAD
Thorium-232	18-1403	AAB4965	0	12	in	SS		0.4826	0.0496	0.1488	0.3338	2.47	0.77	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1403	AAB4965	0	12	in	SS		0.341	0.0388	0.1164	0.2246	2.47	0.77	PCI/G		D	J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1404	AAB4965	0	12	in	SS		0.341	0.0388	0.1164	0.2246	2.47	0.77	PCI/G		D	J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1404	AAB4965	0	12	in	SS		0.4826	0.0496	0.1488	0.3338	2.47	0.77	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1405	AAB4966	0	12	in	SS		0.4438	0.0491	0.1473	0.2965	2.47	0.77	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1407	AAB4966	0	12	in	SS		0.4438	0.0491	0.1473	0.2965	2.47	0.77	PCI/G			J	18-002(b), Locale 1400, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1410	AAB4975	0	12	in	SS		0.252	0.0333	0.0999	0.1521	2.47	0.77	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1411	AAB4975	0	12	in	SS		0.252	0.0333	0.0999	0.1521	2.47	0.77	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1413	AAB4975	0	12	in	SS		0.252	0.0333	0.0999	0.1521	2.47	0.77	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1414	AAB4975	0	12	in	SS		0.252	0.0333	0.0999	0.1521	2.47	0.77	PCI/G			J	18-002(b), Locale 1410, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1421	AAB4984	0	12	in	SS		0.1378	0.0209	0.0627	0.0751	2.47	0.77	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1424	AAB4984	0	12	in	SS		0.1378	0.0209	0.0627	0.0751	2.47	0.77	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1425	AAB4984	0	12	in	SS		0.1378	0.0209	0.0627	0.0751	2.47	0.77	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1426	AAB4984	0	12	in	SS		0.1378	0.0209	0.0627	0.0751	2.47	0.77	PCI/G			J	18-002(b), Locale 1420, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1431	AAB4993	0	12	in	SS		1.31	0.1	0.3	1.01	2.47	0.77	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1433	AAB4993	0	12	in	SS		1.31	0.1	0.3	1.01	2.47	0.77	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1436	AAB4994	0	12	in	SS		1.16	0.09	0.27	0.89	2.47	0.77	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1437	AAB4994	0	12	in	SS		1.16	0.09	0.27	0.89	2.47	0.77	PCI/G				18-002(b), Locale 1430, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1441	AAB5003	0	12	in	SS		1.35	0.1	0.3	1.05	2.47	0.77	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1441	AAB5003	0	12	in	SS		1.53	0.115	0.345	1.185	2.47	0.77	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1442	AAB5003	0	12	in	SS		1.35	0.1	0.3	1.05	2.47	0.77	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1442	AAB5003	0	12	in	SS		1.53	0.115	0.345	1.185	2.47	0.77	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1445	AAB5003	0	12	in	SS		1.53	0.115	0.345	1.185	2.47	0.77	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1445	AAB5003	0	12	in	SS		1.35	0.1	0.3	1.05	2.47	0.77	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1446	AAB5003	0	12	in	SS		1.53	0.115	0.345	1.185	2.47	0.77	PCI/G		D		18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1446	AAB5003	0	12	in	SS		1.35	0.1	0.3	1.05	2.47	0.77	PCI/G				18-002(b), Locale 1440, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1450	AAB5012	0	12	in	SS		1.05	0.085	0.255	0.795	2.47	0.77	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1450	AAB5013	0	12	in	SS		1.23	0.095	0.285	0.945	2.47	0.77	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1451	AAB5012	0	12	in	SS		1.05	0.085	0.255	0.795	2.47	0.77	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1451	AAB5013	0	12	in	SS		1.23	0.095	0.285	0.945	2.47	0.77	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1453	AAB5012	0	12	in	SS		1.05	0.085	0.255	0.795	2.47	0.77	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1453	AAB5013	0	12	in	SS		1.23	0.095	0.285	0.945	2.47	0.77	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1454	AAB5012	0	12	in	SS		1.05	0.085	0.255	0.795	2.47	0.77	PCI/G				18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1454	AAB5013	0	12	in	SS		1.23	0.095	0.285	0.945	2.47	0.77	PCI/G	FD			18-002(b), Locale 1450, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1461	AAB5022	0	12	in	SS		1.17	0.09	0.27	0.9	2.47	0.77	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1462	AAB5022	0	12	in	SS		1.17	0.09	0.27	0.9	2.47	0.77	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1463	AAB5023				SS		1.21	0.1	0.3	0.91	2.47	0.77	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1466	AAB5023				SS		1.21	0.1	0.3	0.91	2.47	0.77	PCI/G				18-002(b), Locale 1460, Kiva 2	RAS	20470	35425	RAD
Thorium-232	18-1474	AAB5032	0	12	in	SS		0.2794	0.0342	0.1026	0.1768	2.47	0.77	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1475	AAB5032	0	12	in	SS		0.2794	0.0342	0.1026	0.1768	2.47	0.77	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1476	AAB5032	0	12	in	SS		0.2794	0.0342	0.1026	0.1768	2.47	0.77	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1477	AAB5032	0	12	in	SS		0.2794	0.0342	0.1026	0.1768	2.47	0.77	PCI/G			J	18-002(b), Locale 1470, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1481	AAB5041	0	12	in	SS		0.3568	0.0434	0.1302	0.2266	2.47	0.77	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1482	AAB5041	0	12	in	SS		0.3568	0.0434	0.1302	0.2266	2.47	0.77	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1484	AAB5041	0	12	in	SS		0.3568	0.0434	0.1302	0.2266	2.47	0.77	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1486	AAB5041	0	12	in	SS		0.3568	0.0434	0.1302	0.2266	2.47	0.77	PCI/G			J	18-002(b), Locale 1480, Kiva 2	RAS	20153	35013	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-232	18-1491	AAB5050	0	12	in	SS		0.1995	0.0231	0.0693	0.1302	2.47	0.77	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1492	AAB5050	0	12	in	SS		0.1995	0.0231	0.0693	0.1302	2.47	0.77	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1493	AAB5050	0	12	in	SS		0.1995	0.0231	0.0693	0.1302	2.47	0.77	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1494	AAB5050	0	12	in	SS		0.1995	0.0231	0.0693	0.1302	2.47	0.77	PCI/G			J	18-002(b), Locale 1490, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1500	AAB5059	0	12	in	SS		0.1922	0.0235	0.0705	0.1217	2.47	0.77	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1501	AAB5059	0	12	in	SS		0.1922	0.0235	0.0705	0.1217	2.47	0.77	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1502	AAB5059	0	12	in	SS		0.1922	0.0235	0.0705	0.1217	2.47	0.77	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-232	18-1505	AAB5059	0	12	in	SS		0.1922	0.0235	0.0705	0.1217	2.47	0.77	PCI/G			J	18-002(b), Locale 1500, Kiva 2	RAS	20153	35013	RAD
Thorium-232	NA	AAB5060				W		0	0	0	0		15	PCI/L	EB			18-002(b), Kiva 2	RAS	20153	35013	RAD
Thorium-232	NA	AAB5192	0	0	in	W		0	0.005	0.015	-0.015		15	PCI/L	EB			18-002(b) Firing sites	RAS	20470	35425	RAD
Titanium	18-1450	AAB5004	0	3	in	SS					0							Locale 1450, Pajarito Canyon	XRF	19075	34312	RAD
Uranium	18-1403	AAB4965	0	12	in	SS		24.4	1.68	5.04	19.36	5.45		MG/KG		D	J	18-002(b), Locale 1400, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1403	AAB4965	0	12	in	SS		7.65	0.3965	1.1895	6.4605	5.45		MG/KG			J	18-002(b), Locale 1400, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1404	AAB4965	0	12	in	SS		7.65	0.3965	1.1895	6.4605	5.45		MG/KG			J	18-002(b), Locale 1400, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1404	AAB4965	0	12	in	SS		24.4	1.68	5.04	19.36	5.45		MG/KG		D	J	18-002(b), Locale 1400, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1405	AAB4966	0	12	in	SS		18.8	1.305	3.915	14.885	5.45		MG/KG			J	18-002(b), Locale 1400, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1407	AAB4966	0	12	in	SS		18.8	1.305	3.915	14.885	5.45		MG/KG			J	18-002(b), Locale 1400, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1410	AAB4975	0	12	in	SS		6.14	0.3165	0.9495	5.1905	5.45		MG/KG			J	18-002(b), Locale 1410, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1411	AAB4975	0	12	in	SS		6.14	0.3165	0.9495	5.1905	5.45		MG/KG			J	18-002(b), Locale 1410, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1413	AAB4975	0	12	in	SS		6.14	0.3165	0.9495	5.1905	5.45		MG/KG			J	18-002(b), Locale 1410, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1414	AAB4975	0	12	in	SS		6.14	0.3165	0.9495	5.1905	5.45		MG/KG			J	18-002(b), Locale 1410, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1421	AAB4984	0	12	in	SS		3.15	0.1625	0.4875	2.6625	5.45		MG/KG			J	18-002(b), Locale 1420, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1424	AAB4984	0	12	in	SS		3.15	0.1625	0.4875	2.6625	5.45		MG/KG			J	18-002(b), Locale 1420, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1425	AAB4984	0	12	in	SS		3.15	0.1625	0.4875	2.6625	5.45		MG/KG			J	18-002(b), Locale 1420, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1426	AAB4984	0	12	in	SS		3.15	0.1625	0.4875	2.6625	5.45		MG/KG			J	18-002(b), Locale 1420, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1431	AAB4993	0	12	in	SS		3.81	0.255	0.765	3.045	5.45		MG/KG			J	18-002(b), Locale 1430, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1433	AAB4993	0	12	in	SS		3.81	0.255	0.765	3.045	5.45		MG/KG			J	18-002(b), Locale 1430, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1436	AAB4994	0	12	in	SS		4.66	0.315	0.945	3.715	5.45		MG/KG		D	J	18-002(b), Locale 1430, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1436	AAB4994	0	12	in	SS		5.06	0.34	1.02	4.04	5.45		MG/KG			J	18-002(b), Locale 1430, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1437	AAB4994	0	12	in	SS		4.66	0.315	0.945	3.715	5.45		MG/KG		D	J	18-002(b), Locale 1430, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1437	AAB4994	0	12	in	SS		5.06	0.34	1.02	4.04	5.45		MG/KG			J	18-002(b), Locale 1430, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1441	AAB5003	0	12	in	SS		3.05	0.205	0.615	2.435	5.45		MG/KG			J	18-002(b), Locale 1440, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1442	AAB5003	0	12	in	SS		3.05	0.205	0.615	2.435	5.45		MG/KG			J	18-002(b), Locale 1440, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1445	AAB5003	0	12	in	SS		3.05	0.205	0.615	2.435	5.45		MG/KG			J	18-002(b), Locale 1440, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1446	AAB5003	0	12	in	SS		3.05	0.205	0.615	2.435	5.45		MG/KG			J	18-002(b), Locale 1440, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1450	AAB5004	0	3	in	SS					0							Locale 1450, Pajarito Canyon	XRF	19075	34312	RAD
Uranium	18-1450	AAB5012	0	12	in	SS		3.72	0.25	0.75	2.97	5.45		MG/KG			J	18-002(b), Locale 1450, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1450	AAB5013	0	12	in	SS		2.68	0.18	0.54	2.14	5.45		MG/KG	FD		J	18-002(b), Locale 1450, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1451	AAB5012	0	12	in	SS		3.72	0.25	0.75	2.97	5.45		MG/KG			J	18-002(b), Locale 1450, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1451	AAB5013	0	12	in	SS		2.68	0.18	0.54	2.14	5.45		MG/KG	FD		J	18-002(b), Locale 1450, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1453	AAB5012	0	12	in	SS		3.72	0.25	0.75	2.97	5.45		MG/KG			J	18-002(b), Locale 1450, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1453	AAB5013	0	12	in	SS		2.68	0.18	0.54	2.14	5.45		MG/KG	FD		J	18-002(b), Locale 1450, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1454	AAB5012	0	12	in	SS		3.72	0.25	0.75	2.97	5.45		MG/KG			J	18-002(b), Locale 1450, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1454	AAB5013	0	12	in	SS		2.68	0.18	0.54	2.14	5.45		MG/KG	FD		J	18-002(b), Locale 1450, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1461	AAB5022	0	12	in	SS		2.47	0.165	0.495	1.975	5.45		MG/KG			J	18-002(b), Locale 1460, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1462	AAB5022	0	12	in	SS		2.47	0.165	0.495	1.975	5.45		MG/KG			J	18-002(b), Locale 1460, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1463	AAB5023				SS		2.81	0.19	0.57	2.24	5.45		MG/KG			J	18-002(b), Locale 1460, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1466	AAB5023				SS		2.81	0.19	0.57	2.24	5.45		MG/KG			J	18-002(b), Locale 1460, Kiva 2	KPA	20470	35411	RAD
Uranium	18-1474	AAB5032	0	12	in	SS		2.67	0.1385	0.4155	2.2545	5.45		MG/KG			J	18-002(b), Locale 1470, Kiva 2	KPA	20153	35011	RAD

SAMPLING DATA FOR PRS 18-002(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1475	AAB5032	0	12	in	SS		2.67	0.1385	0.4155	2.2545	5.45		MG/KG			J	18-002(b), Locale 1470, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1476	AAB5032	0	12	in	SS		2.67	0.1385	0.4155	2.2545	5.45		MG/KG			J	18-002(b), Locale 1470, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1477	AAB5032	0	12	in	SS		2.67	0.1385	0.4155	2.2545	5.45		MG/KG			J	18-002(b), Locale 1470, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1481	AAB5041	0	12	in	SS		2.89	0.149	0.447	2.443	5.45		MG/KG			J	18-002(b), Locale 1480, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1482	AAB5041	0	12	in	SS		2.89	0.149	0.447	2.443	5.45		MG/KG			J	18-002(b), Locale 1480, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1484	AAB5041	0	12	in	SS		2.89	0.149	0.447	2.443	5.45		MG/KG			J	18-002(b), Locale 1480, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1486	AAB5041	0	12	in	SS		2.89	0.149	0.447	2.443	5.45		MG/KG			J	18-002(b), Locale 1480, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1491	AAB5050	0	12	in	SS		2.63	0.1355	0.4065	2.2235	5.45		MG/KG			J	18-002(b), Locale 1490, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1492	AAB5050	0	12	in	SS		2.63	0.1355	0.4065	2.2235	5.45		MG/KG			J	18-002(b), Locale 1490, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1493	AAB5050	0	12	in	SS		2.63	0.1355	0.4065	2.2235	5.45		MG/KG			J	18-002(b), Locale 1490, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1494	AAB5050	0	12	in	SS		2.63	0.1355	0.4065	2.2235	5.45		MG/KG			J	18-002(b), Locale 1490, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1500	AAB5059	0	12	in	SS		3.1	0.16	0.48	2.62	5.45		MG/KG			J	18-002(b), Locale 1500, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1501	AAB5059	0	12	in	SS		3.1	0.16	0.48	2.62	5.45		MG/KG			J	18-002(b), Locale 1500, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1502	AAB5059	0	12	in	SS		3.1	0.16	0.48	2.62	5.45		MG/KG			J	18-002(b), Locale 1500, Kiva 2	KPA	20153	35011	RAD
Uranium	18-1505	AAB5059	0	12	in	SS		3.1	0.16	0.48	2.62	5.45		MG/KG			J	18-002(b), Locale 1500, Kiva 2	KPA	20153	35011	RAD
Uranium	NA	AAB5060				W		0	0	0	0			UG/L	EB		J	18-002(b), Kiva 2	KPA	20153	35011	RAD
Uranium	NA	AAB5192	0	0	in	W		0.12	0.01	0.03	0.09			UG/L	EB			18-002(b) Firing sites	KPA	20470	35411	RAD
Uranium	NA	AAB5193	0	0	in	SS		3.23	0.22	0.66	2.57	5.45		MG/KG	FE		J	18-002(b) firing sites	KPA	20470	35411	RAD
Uranium-234	18-1075	AAB4440	0	12	in	SS		1.2	0.0765	0.2295	0.9705	1.94	13	PCI/G				firing point-C	RAS	19474	31649	RAD
Uranium-234	18-1075	AAB4442	25	37	in	SS		0.872	0.057	0.171	0.701	1.94	13	PCI/G				firing point-C	RAS	19474	31649	RAD
Uranium-234	18-1075	AAB4444	48	60	in	SS		1.637	0.1035	0.3105	1.3265	1.94	13	PCI/G	FD			firing point-C	RAS	19474	31649	RAD
Uranium-234	18-1075	AAB4445	48	60	in	SS		1.608	0.1015	0.3045	1.3035	1.94	13	PCI/G	FD			firing point-C	RAS	19474	31649	RAD
Uranium-234	18-1076	AAB4447	0	12	in	SS		1.336	0.0855	0.2565	1.0795	1.94	13	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-234	18-1076	AAB4449	24	36	in	SS		0.795	0.053	0.159	0.636	1.94	13	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-234	18-1076	AAB4451	48	60	in	SS		1.007	0.0665	0.1995	0.8075	1.94	13	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-234	18-1076	AAB4451	48	60	in	SS		1.034	0.0675	0.2025	0.8315	1.94	13	PCI/G		D		firing point-N	RAS	19474	31649	RAD
Uranium-234	18-1077	AAB4453	0	12	in	SS		1.115	0.076	0.228	0.887	1.94	13	PCI/G				firing point-E	RAS	19474	31649	RAD
Uranium-234	18-1077	AAB4455	30	42	in	SS		1.784	0.1115	0.3345	1.4495	1.94	13	PCI/G				firing point-E	RAS	19474	31649	RAD
Uranium-234	18-1077	AAB4457	48	60	in	SS		2.468	0.1515	0.4545	2.0135	1.94	13	PCI/G				firing point-E	RAS	19474	31649	RAD
Uranium-234	18-1078	AAB4459	0	12	in	SS		0.908	0.0605	0.1815	0.7265	1.94	13	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-234	18-1078	AAB4461	24	36	in	SS		1.234	0.0815	0.2445	0.9895	1.94	13	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-234	18-1078	AAB4463	48	60	in	SS		2.7	0.165	0.495	2.205	1.94	13	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-234	18-1079	AAB4465	0	12	in	SS		0.977	0.067	0.201	0.776	1.94	13	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-234	18-1079	AAB4467	36	48	in	SS		1.218	0.081	0.243	0.975	1.94	13	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-234	18-1079	AAB4469	48	60	in	SS		0.66	0.0465	0.1395	0.5205	1.94	13	PCI/G		D		firing point-W	RAS	19474	31649	RAD
Uranium-234	18-1079	AAB4469	48	60	in	SS		0.635	0.044	0.132	0.503	1.94	13	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-234	NA	AAB5060				W		0.0474	0.0337	0.1011	-0.0537			PCI/L	EB		J	18-002(b), Kiva 2	RAS	20153	35016	RAD
Uranium-234	NA	AAB5061				SS		0.857	0.0824	0.2472	0.6098	1.94	13	PCI/G	FE		J	18-002(b), Kiva 2	RAS	20153	35016	RAD
Uranium-235	18-1075	AAB4440	0	12	in	SS		0.061	0.0075	0.0225	0.0385	0.084	10	PCI/G				firing point-C	RAS	19474	31649	RAD
Uranium-235	18-1075	AAB4442	25	37	in	SS		0.041	0.006	0.018	0.023	0.084	10	PCI/G				firing point-C	RAS	19474	31649	RAD
Uranium-235	18-1075	AAB4444	48	60	in	SS		0.072	0.0095	0.0285	0.0435	0.084	10	PCI/G	FD			firing point-C	RAS	19474	31649	RAD
Uranium-235	18-1075	AAB4445	48	60	in	SS		0.081	0.01	0.03	0.051	0.084	10	PCI/G	FD			firing point-C	RAS	19474	31649	RAD
Uranium-235	18-1076	AAB4447	0	12	in	SS		0.061	0.0085	0.0255	0.0355	0.084	10	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-235	18-1076	AAB4449	24	36	in	SS		0.043	0.0065	0.0195	0.0235	0.084	10	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-235	18-1076*	AAB4451	48	60	in	SS		0.045	0.007	0.021	0.024	0.084	10	PCI/G		D		firing point-N	RAS	19474	31649	RAD
Uranium-235	18-1076	AAB4451	48	60	in	SS		0.045	0.007	0.021	0.024	0.084	10	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-235	18-1077	AAB4453	0	12	in	SS		0.052	0.009	0.027	0.025	0.084	10	PCI/G				firing point-E	RAS	19474	31649	RAD
Uranium-235	18-1077	AAB4455	30	42	in	SS		0.086	0.01	0.03	0.056	0.084	10	PCI/G				firing point-E	RAS	19474	31649	RAD
Uranium-235	18-1077	AAB4457	48	60	in	SS		0.088	0.01	0.03	0.058	0.084	10	PCI/G				firing point-E	RAS	19474	31649	RAD

SAMPLING DATA FOR PRS 18-002(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium-235	18-1078	AAB4459	0	12	in	SS		0.041	0.0065	0.0195	0.0215	0.084	10	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-235	18-1078	AAB4461	24	36	in	SS		0.068	0.0095	0.0285	0.0395	0.084	10	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-235	18-1078	AAB4463	48	60	in	SS		0.11	0.012	0.036	0.074	0.084	10	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-235	18-1079	AAB4465	0	12	in	SS		0.041	0.0075	0.0225	0.0185	0.084	10	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-235	18-1079	AAB4467	36	48	in	SS		0.043	0.0075	0.0225	0.0205	0.084	10	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-235	18-1079	AAB4469	48	60	in	SS		0.027	0.005	0.015	0.012	0.084	10	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-235	18-1079	AAB4469	48	60	in	SS		0.029	0.0055	0.0165	0.0125	0.084	10	PCI/G		D		firing point-W	RAS	19474	31649	RAD
Uranium-235	NA	AAB5060				W		-0.0029	0.0029	0.0087	-0.0116			PCI/L	EB		J	18-002(b), Kiva 2	RAS	20153	35016	RAD
Uranium-235	NA	AAB5061				SS		0.0977	0.0173	0.0519	0.0458	0.084	10	PCI/G	FE		J	18-002(b), Kiva 2	RAS	20153	35016	RAD
Uranium-238	18-1075	AAB4440	0	12	in	SS		1.194	0.076	0.228	0.966	1.82	67	PCI/G				firing point-C	RAS	19474	31649	RAD
Uranium-238	18-1075	AAB4442	25	37	in	SS		0.845	0.0555	0.1665	0.6785	1.82	67	PCI/G				firing point-C	RAS	19474	31649	RAD
Uranium-238	18-1075	AAB4444	48	60	in	SS		2.376	0.1465	0.4395	1.9365	1.82	67	PCI/G	FD			firing point-C	RAS	19474	31649	RAD
Uranium-238	18-1075	AAB4445	48	60	in	SS		2.489	0.153	0.459	2.03	1.82	67	PCI/G	FD			firing point-C	RAS	19474	31649	RAD
Uranium-238	18-1076	AAB4447	0	12	in	SS		1.394	0.089	0.267	1.127	1.82	67	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-238	18-1076	AAB4449	24	36	in	SS		0.818	0.0545	0.1635	0.6545	1.82	67	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-238	18-1076	AAB4451	48	60	in	SS		1.029	0.0675	0.2025	0.8265	1.82	67	PCI/G		D		firing point-N	RAS	19474	31649	RAD
Uranium-238	18-1076	AAB4451	48	60	in	SS		1.05	0.069	0.207	0.843	1.82	67	PCI/G				firing point-N	RAS	19474	31649	RAD
Uranium-238	18-1077	AAB4453	0	12	in	SS		1.115	0.076	0.228	0.887	1.82	67	PCI/G				firing point-E	RAS	19474	31649	RAD
Uranium-238	18-1077	AAB4455	30	42	in	SS		1.824	0.114	0.342	1.482	1.82	67	PCI/G				firing point-E	RAS	19474	31649	RAD
Uranium-238	18-1077	AAB4457	48	60	in	SS		2.385	0.1465	0.4395	1.9455	1.82	67	PCI/G				firing point-E	RAS	19474	31649	RAD
Uranium-238	18-1078	AAB4459	0	12	in	SS		0.858	0.0575	0.1725	0.6855	1.82	67	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-238	18-1078	AAB4461	24	36	in	SS		1.171	0.0775	0.2325	0.9385	1.82	67	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-238	18-1078	AAB4463	48	60	in	SS		2.698	0.165	0.495	2.203	1.82	67	PCI/G				firing point-S	RAS	19474	31649	RAD
Uranium-238	18-1079	AAB4465	0	12	in	SS		1.061	0.072	0.216	0.845	1.82	67	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-238	18-1079	AAB4467	36	48	in	SS		1.45	0.095	0.285	1.165	1.82	67	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-238	18-1079	AAB4469	48	60	in	SS		0.691	0.048	0.144	0.547	1.82	67	PCI/G		D		firing point-W	RAS	19474	31649	RAD
Uranium-238	18-1079	AAB4469	48	60	in	SS		0.696	0.0475	0.1425	0.5535	1.82	67	PCI/G				firing point-W	RAS	19474	31649	RAD
Uranium-238	NA	AAB5060				W		-0.0024	0.0024	0.0072	-0.0096			PCI/L	EB		J	18-002(b), Kiva 2	RAS	20153	35016	RAD
Uranium-238	NA	AAB5061				SS		0.8712	0.0836	0.2508	0.6204	1.82	67	PCI/G	FE		J	18-002(b), Kiva 2	RAS	20153	35016	RAD

SAMPLING DATA FOR PRS 18-003

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	NA	AAB5256				W		0	0.012	0.036	-0.036		15	PCI/L	EB			18-003 Liquid Waste Mgmt System PRSs	RAS	20470	35422	RAD
Plutonium-239	NA	AAB5256				W		0.018	0.0075	0.0225	-0.0045		15	PCI/L	EB			18-003 Liquid Waste Mgmt System PRSs	RAS	20470	35422	RAD
Uranium	NA	AAB5256				W	-	0.05	0.025	0.075	-0.025			UG/L	EB			18-003 Liquid Waste Mgmt System PRSs	KPA	20470	35411	RAD
Uranium	NA	AAB5257				SS		3.17	0.215	0.645	2.525	5.45		MG/KG	FE		J	18-003 Liquid Waste Mgmt System PRSs	KPA	20470	35411	RAD

SAMPLING DATA FOR PRS 18-003(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Actinium-228	18-1100	AAB4471	2	4	ft	SS		1.2955	0.08	0.24	1.0555			PCI/G				settling pit-E	G	19005	37086	RAD
Americium-241	18-1100	AAB4471	2	4	ft	SS	<	0	0	0	0		22	PCI/G				settling pit-E	G	19005	37086	RAD
Bismuth-211	18-1100	AAB4471	2	4	ft	SS		1.0527	0.15	0.45	0.6027			PCI/G				settling pit-E	G	19005	37086	RAD
Bismuth-212	18-1100	AAB4471	2	4	ft	SS		2.3281	0.61	1.83	0.4981			PCI/G				settling pit-E	G	19005	37086	RAD
Bismuth-214	18-1100	AAB4471	2	4	ft	SS		1.0062	0.06	0.18	0.8262			PCI/G				settling pit-E	G	19005	37086	RAD
Cerium-144	18-1100	AAB4471	2	4	ft	SS	<	0	0	0	0		56	PCI/G				settling pit-E	G	19005	37086	RAD
Cesium-134	18-1100	AAB4471	2	4	ft	SS	<	0.0123	0	0	0.0123		1.9	PCI/G				settling pit-E	G	19005	37086	RAD
Cesium-137	18-1100	AAB4471	2	4	ft	SS	<	0.0558	0	0	0.0558	1.4	5.1	PCI/G			J	settling pit-E	G	19005	37086	RAD
Cobalt-57	18-1100	AAB4471	2	4	ft	SS	<	0	0	0	0			PCI/G				settling pit-E	G	19005	37086	RAD
Cobalt-60	18-1100	AAB4471	2	4	ft	SS	<	0.0143	0	0	0.0143		1.1	PCI/G				settling pit-E	G	19005	37086	RAD
Lead-210	18-1100	AAB4471	2	4	ft	SS	<	0	0	0	0			PCI/G				settling pit-E	G	19005	37086	RAD
Lead-211	18-1100	AAB4471	2	4	ft	SS	<	0.369	0	0	0.369			PCI/G				settling pit-E	G	19005	37086	RAD
Lead-212	18-1100	AAB4471	2	4	ft	SS		1.221	0.06	0.18	1.041			PCI/G				settling pit-E	G	19005	37086	RAD
Lead-212	18-1101	AAB4473	2	4	ft	SS		1.438	0.1437	0.4311	1.0069			PCI/G				settling pit-W	G	19185	29822	RAD
Lead-212	18-1101	AAB4473	2	4	ft	SS		1.407	0.1717	0.5151	0.8919			PCI/G		D		settling pit-W	G	19185	29822	RAD
Lead-214	18-1100	AAB4471	2	4	ft	SS		0.9062	0.06	0.18	0.7262			PCI/G				settling pit-E	G	19005	37086	RAD
Lead-214	18-1101	AAB4473	2	4	ft	SS		1.251	1.709	5.127	-3.876			PCI/G		D		settling pit-W	G	19185	29822	RAD
Lead-214	18-1101	AAB4473	2	4	ft	SS		1.137	0.124	0.372	0.765			PCI/G				settling pit-W	G	19185	29822	RAD
Manganese-54	18-1100	AAB4471	2	4	ft	SS	<	0.0203	0	0	0.0203		3.5	PCI/G				settling pit-E	G	19005	37086	RAD
Plutonium-238	18-1032	AAA5805				W		0.002	0.03	0.09	-0.088		15	PCI/L					RAS	15891	29452	RAD
Plutonium-238	18-1032	AAA5806				W		0.002	0.03	0.09	-0.088		15	PCI/L	FD				RAS	15891	29452	RAD
Plutonium-238	18-1032	AAA5807				SS		0.6	0.041	0.123	0.477	0.014	27	PCI/G					RAS	15888	29267	RAD
Plutonium-238	18-1032	AAA5808				SS		0.721	0.041	0.123	0.598	0.014	27	PCI/G	FD				RAS	15888	29267	RAD
Plutonium-238	18-1032	AAA5821				W		0.001	0.03	0.09	-0.089		15	PCI/L	FR				RAS	15891	29452	RAD
Plutonium-238	18-1100	AAB4471	2	4	ft	SS		0.1	0.005	0.015	0.085	0.014	27	PCI/G				settling pit-E	RAS	19005	37089	RAD
Plutonium-238	18-1101	AAB4473	2	4	ft	SS	-	0.0028	0.0019	0.0057	-0.0029	0.014	27	PCI/G			J	settling pit-W	RAS	19185	29819	RAD
Plutonium-239	18-1032	AAA5805				W		0.005	0.02	0.06	-0.055		15	PCI/L					RAS	15891	29452	RAD
Plutonium-239	18-1032	AAA5806				W		0	0.02	0.06	-0.06		15	PCI/L	FD				RAS	15891	29452	RAD
Plutonium-239	18-1032	AAA5807				SS		2.966	0.129	0.387	2.579	0.052	24	PCI/G					RAS	15888	29267	RAD
Plutonium-239	18-1032	AAA5808				SS		6.871	0.236	0.708	6.163	0.052	24	PCI/G	FD				RAS	15888	29267	RAD
Plutonium-239	18-1032	AAA5821				W		-0.004	0.02	0.06	-0.064		15	PCI/L	FR				RAS	15891	29452	RAD
Plutonium-239	18-1100	AAB4471	2	4	ft	SS		0.01	0.0015	0.0045	0.0055	0.052	24	PCI/G				settling pit-E	RAS	19005	37089	RAD
Plutonium-239	18-1101	AAB4473	2	4	ft	SS	-	0.0039	0.0022	0.0066	-0.0027	0.052	24	PCI/G			J	settling pit-W	RAS	19185	29819	RAD
Potassium-40	18-1100	AAB4471	2	4	ft	SS		23.517	0.91	2.73	20.787	28.6	12	PCI/G				settling pit-E	G	19005	37086	RAD
Potassium-40	18-1101	AAB4473	2	4	ft	SS		29.82	3.2045	9.6135	20.2065	28.6	12	PCI/G		D		settling pit-W	G	19185	29822	RAD
Potassium-40	18-1101	AAB4473	2	4	ft	SS		27.36	2.2925	6.8775	20.4825	28.6	12	PCI/G				settling pit-W	G	19185	29822	RAD
Protactinium-231	18-1100	AAB4471	2	4	ft	SS	<	0.387	0	0	0.387			PCI/G				settling pit-E	G	19005	37086	RAD
Protactinium-234	18-1100	AAB4471	2	4	ft	SS	<	0.13	0	0	0.13			PCI/G				settling pit-E	G	19005	37086	RAD
Protactinium-234M	18-1100	AAB4471	2	4	ft	SS	<	3.27	0	0	3.27			PCI/G				settling pit-E	G	19005	37086	RAD
Radium-223	18-1100	AAB4471	2	4	ft	SS	<	0	0	0	0			PCI/G				settling pit-E	G	19005	37086	RAD
Radium-224	18-1100	AAB4471	2	4	ft	SS		0.9929	0.31	0.93	0.0629			PCI/G				settling pit-E	G	19005	37086	RAD
Radium-224	18-1101	AAB4473	2	4	ft	SS		3.968	1.201	3.603	0.365			PCI/G		D		settling pit-W	G	19185	29822	RAD
Radium-226	18-1100	AAB4471	2	4	ft	SS		2.2763	0.31	0.93	1.3463		0.1	PCI/G				settling pit-E	G	19005	37086	RAD
Radium-226	18-1101	AAB4473	2	4	ft	SS		1.097	0.0987	0.2961	0.8009		0.1	PCI/G				settling pit-W	G	19185	29822	RAD
Radium-226	18-1101	AAB4473	2	4	ft	SS		1.243	0.1417	0.4251	0.8179		0.1	PCI/G		D		settling pit-W	G	19185	29822	RAD

SAMPLING DATA FOR PRS 18-003(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Radon-219	18-1100	AAB4471	2	4	ft	SS	<	0.207	0	0	0.207			PCI/G				settling pit-E	G	19005	37086	RAD
Ruthenium-106	18-1100	AAB4471	2	4	ft	SS	<	0.121	0	0	0.121		13	PCI/G				settling pit-E	G	19005	37086	RAD
Sodium-22	18-1100	AAB4471	2	4	ft	SS	<	0.0088	0	0	0.0088		1.3	PCI/G				settling pit-E	G	19005	37086	RAD
Thallium-208	18-1100	AAB4471	2	4	ft	SS		0.4395	0.03	0.09	0.3495			PCI/G				settling pit-E	G	19005	37086	RAD
Thallium-208	18-1101	AAB4473	2	4	ft	SS		0.5456	0.1093	0.3279	0.2177			PCI/G		D		settling pit-W	G	19185	29822	RAD
Thallium-208	18-1101	AAB4473	2	4	ft	SS		0.4487	0.0728	0.2184	0.2303			PCI/G				settling pit-W	G	19185	29822	RAD
Thorium-227	18-1100	AAB4471	2	4	ft	SS	<	0.245	0	0	0.245			PCI/G				settling pit-E	G	19005	37086	RAD
Thorium-234	18-1100	AAB4471	2	4	ft	SS	<	0	0	0	0			PCI/G				settling pit-E	G	19005	37086	RAD
Uranium	18-1032	AAA5805				W		144.5	14.5	43.5	101			UG/L					KPA	15891	22502	RAD
Uranium	18-1032	AAA5806				W		88.98	8.9	26.7	62.28			UG/L	FD				KPA	15891	22502	RAD
Uranium	18-1032	AAA5807				SS		590	130	390	200	5.45		MG/KG					KPA	15888	28756	RAD
Uranium	18-1032	AAA5808				SS		520	120	360	160	5.45		MG/KG	FD				KPA	15888	28756	RAD
Uranium	18-1032	AAA5821				W		0.13	0.03	0.09	0.04			UG/L	FR				KPA	15891	22502	RAD
Uranium	18-1100	AAB4471	2	4	ft	SS		0.552	0.1104	0.3312	0.2208	5.45		MG/KG				settling pit-E	KPA	19005	37088	RAD
Uranium	18-1101	AAB4473	2	4	ft	SS		2.53	0.132	0.396	2.134	5.45		MG/KG			J	settling pit-W	KPA	19185	29870	RAD
Uranium-235	18-1100	AAB4471	2	4	ft	SS	<	0	0	0	0	0.084	10	PCI/G				settling pit-E	G	19005	37086	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Actinium-228	18-1114	AAB4482	0	1	ft	SS		1.6663	0.055	0.165	1.5013			PCI/G				septic tank	G	19004	37230	RAD
Actinium-228	18-1115	AAB4481	0	6	in	SS	<	0.0388	0	0	0.0388			PCI/G				septic tank	G	19831	37260	RAD
Actinium-228	18-1115	AAB4483	0	1	ft	SS		1.3739	0.09	0.27	1.1039			PCI/G				septic tank	G	19054	38489	RAD
Actinium-228	18-1116	AAB4485	0	5	ft	SS		1.7534	0.045	0.135	1.6184			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Actinium-228	18-1116	AAB4487	0	5	ft	SS		1.8386	0.09	0.27	1.5686			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Actinium-228	18-1117	AAB4488	0	5	ft	SS		1.7391	0.09	0.27	1.4691			PCI/G				septic tank-W	G	19054	38489	RAD
Actinium-228	18-1126	AAB4500	0	6	in	SS		1.2046	0.13	0.39	0.8146			PCI/G				drainfield	G	19831	37260	RAD
Actinium-228	18-1130	AAB4501	0	6	in	SS	<	0.0573	0	0	0.0573			PCI/G				drainfield	G	19831	37260	RAD
Actinium-228	18-1131	AAB4502	0	6	in	SS		0.5872	0.11	0.33	0.2572			PCI/G				drainfield	G	19831	37260	RAD
Actinium-228	18-1132	AAB4503	0	6	in	SS	<	0.0659	0	0	0.0659			PCI/G				drainfield	G	19831	37260	RAD
Actinium-228	18-1133	AAB4504	0	6	in	SS		1.0711	0.13	0.39	0.6811			PCI/G				drainfield	G	19831	37260	RAD
Actinium-228	18-1135	AAB4505	0	5	ft	SS		1.3377	0.08	0.24	1.0977			PCI/G				drainfield	G	18765	38475	RAD
Actinium-228	18-1135	AAB4507	5	10	ft	SS		1.2301	0.09	0.27	0.9601			PCI/G				drainfield	G	18765	38475	RAD
Actinium-228	18-1135	AAB4509	10	12	ft	SS		1.1477	0.08	0.24	0.9077			PCI/G				drainfield	G	18765	38475	RAD
Actinium-228	18-1135	AAB4509	5	10	ft	SS		1.1477	0.08	0.24	0.9077			PCI/G				drainfield	G	18765	38475	RAD
Actinium-228	18-1135	AAB4509	0	5	ft	SS		1.1477	0.08	0.24	0.9077			PCI/G				drainfield	G	18765	38475	RAD
Actinium-228	18-1135	AAB4510	0	12	ft	W	<	11.6	0	0	11.6			PCI/L	FD			drainfield	G	19005	37086	RAD
Actinium-228	18-1135	AAB4510	0	12	ft	W		24.131	6.8	20.4	3.731			PCI/L	FD			drainfield	G	19005	37086	RAD
Actinium-228	18-1135	AAB4518	0	18	ft	W	<	12.8	0	0	12.8			PCI/L	FD			drainfield	G	19005	37086	RAD
Actinium-228	18-1135	AAB4518	0	18	ft	W		38.832	7.29	21.87	16.962			PCI/L	FD			drainfield	G	19005	37086	RAD
Actinium-228	18-1136	AAB4512	0	5	ft	SS		0.9175	0.08	0.24	0.6775			PCI/G				drainfield	G	18946	36912	RAD
Actinium-228	18-1136	AAB4514	5	8.5	ft	SS		1.031	0.09	0.27	0.761			PCI/G				drainfield	G	18946	36912	RAD
Actinium-228	18-1136	AAB4516	10	25	ft	SS		1.3723	0.09	0.27	1.1023			PCI/G				drainfield	G	18946	36912	RAD
Actinium-228	18-1136	AAB4517	0	25	ft	W	<	11.7	0	0	11.7			PCI/L				drainfield	G	19004	37230	RAD
Actinium-228	18-1136	AAB4517	0	25	ft	W	<	9.84	0	0	9.84			PCI/L				drainfield	G	19004	37230	RAD
Actinium-228	18-1136	AAB4516	20	25	ft	SS		1.3723	0.09	0.27	1.1023			PCI/G				drainfield	G	18946	36912	RAD
Actinium-228	18-1136	AAB4516	15	20	ft	SS		1.3723	0.09	0.27	1.1023			PCI/G				drainfield	G	18946	36912	RAD
Americium-241	18-1114	AAB4482	0	1	ft	SS	<	0	0	0	0		22	PCI/G				septic tank	G	19004	37230	RAD
Americium-241	18-1115	AAB4481	0	6	in	SS	<	0.0293	0	0	0.0293		22	PCI/G				septic tank	G	19831	37260	RAD
Americium-241	18-1115	AAB4483	0	1	ft	SS	<	0	0	0	0		22	PCI/G				septic tank	G	19054	38489	RAD
Americium-241	18-1116	AAB4485	0	5	ft	SS	<	0.0537	0	0	0.0537		22	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Americium-241	18-1116	AAB4487	0	5	ft	SS	<	0.0547	0	0	0.0547		22	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Americium-241	18-1117	AAB4488	0	5	ft	SS	<	0.0619	0	0	0.0619		22	PCI/G				septic tank-W	G	19054	38489	RAD
Americium-241	18-1126	AAB4500	0	6	in	SS	<	0.0542	0	0	0.0542		22	PCI/G				drainfield	G	19831	37260	RAD
Americium-241	18-1130	AAB4501	0	6	in	SS	<	0.03	0	0	0.03		22	PCI/G				drainfield	G	19831	37260	RAD
Americium-241	18-1131	AAB4502	0	6	in	SS	<	0.0545	0	0	0.0545		22	PCI/G				drainfield	G	19831	37260	RAD
Americium-241	18-1132	AAB4503	0	6	in	SS	<	0.0294	0	0	0.0294		22	PCI/G				drainfield	G	19831	37260	RAD
Americium-241	18-1133	AAB4504	0	6	in	SS	<	0.0575	0	0	0.0575		22	PCI/G				drainfield	G	19831	37260	RAD
Americium-241	18-1135	AAB4505	0	5	ft	SS		0.048	0.0315	0.0945	-0.0465		22	PCI/G				drainfield	G	18765	38475	RAD
Americium-241	18-1135	AAB4507	5	10	ft	SS	-	0.087	0.09	0.27	-0.183		22	PCI/G				drainfield	G	18765	38475	RAD
Americium-241	18-1135	AAB4509	5	10	ft	SS		0.079	0.0175	0.0525	0.0265		22	PCI/G				drainfield	G	18765	38475	RAD
Americium-241	18-1135	AAB4509	10	12	ft	SS		0.079	0.0175	0.0525	0.0265		22	PCI/G				drainfield	G	18765	38475	RAD
Americium-241	18-1135	AAB4509	0	5	ft	SS		0.079	0.0175	0.0525	0.0265		22	PCI/G				drainfield	G	18765	38475	RAD
Americium-241	18-1135	AAB4510	0	12	ft	W	<	11.6	0	0	11.6		15	PCI/L	FD			drainfield	G	19005	37086	RAD
Americium-241	18-1135	AAB4510	0	12	ft	W	<	8.78	0	0	8.78		15	PCI/L	FD			drainfield	G	19005	37086	RAD
Americium-241	18-1135	AAB4518	0	18	ft	W	<	7.74	0	0	7.74		15	PCI/L	FD			drainfield	G	19005	37086	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Americium-241	18-1135	AAB4518	0	18	ft	W	<	7.44	0	0	7.44		15	PCI/L	FD			drainfield	G	19005	37086	RAD
Americium-241	18-1135	AAB4732	30	32	ft	SS		0.015	0.0305	0.0915	-0.0765		22	PCI/G				drainfield	G	20285	33586	RAD
Americium-241	18-1135	AAB4732	25	30	ft	SS		0.015	0.0305	0.0915	-0.0765		22	PCI/G				drainfield	G	20285	33586	RAD
Americium-241	18-1135	AAB4732	18	20	ft	SS		0.015	0.0305	0.0915	-0.0765		22	PCI/G				drainfield	G	20285	33586	RAD
Americium-241	18-1135	AAB4732	20	25	ft	SS		0.015	0.0305	0.0915	-0.0765		22	PCI/G				drainfield	G	20285	33586	RAD
Americium-241	18-1136	AAB4512	0	5	ft	SS	<	0	0	0	0		22	PCI/G				drainfield	G	18946	36912	RAD
Americium-241	18-1136	AAB4514	5	8.5	ft	SS	<	0	0	0	0		22	PCI/G				drainfield	G	18946	36912	RAD
Americium-241	18-1136	AAB4516	10	25	ft	SS	<	0.0481	0	0	0.0481		22	PCI/G				drainfield	G	18946	36912	RAD
Americium-241	18-1136	AAB4517	0	25	ft	W	<	8.93	0	0	8.93		15	PCI/L				drainfield	G	19004	37230	RAD
Americium-241	18-1136	AAB4517	0	25	ft	W	<	9.59	0	0	9.59		15	PCI/L				drainfield	G	19004	37230	RAD
Americium-241	18-1136	AAB4516	20	25	ft	SS	<	0.0481	0	0	0.0481		22	PCI/G				drainfield	G	18946	36912	RAD
Americium-241	18-1136	AAB4516	15	20	ft	SS	<	0.0481	0	0	0.0481		22	PCI/G				drainfield	G	18946	36912	RAD
Barium-140	18-1135	AAB4732	30	32	ft	SS	-	25.431	24.8195	74.4585	-49.0275			PCI/G				drainfield	G	20285	33586	RAD
Barium-140	18-1135	AAB4732	25	30	ft	SS	-	25.431	24.8195	74.4585	-49.0275			PCI/G				drainfield	G	20285	33586	RAD
Barium-140	18-1135	AAB4732	18	20	ft	SS	-	25.431	24.8195	74.4585	-49.0275			PCI/G				drainfield	G	20285	33586	RAD
Barium-140	18-1135	AAB4732	20	25	ft	SS	-	25.431	24.8195	74.4585	-49.0275			PCI/G				drainfield	G	20285	33586	RAD
Bismuth-211	18-1114	AAB4482	0	1	ft	SS		1.6277	0.1	0.3	1.3277			PCI/G				septic tank	G	19004	37230	RAD
Bismuth-211	18-1115	AAB4481	0	6	in	SS	<	0.12	0	0	0.12			PCI/G				septic tank	G	19831	37260	RAD
Bismuth-211	18-1115	AAB4483	0	1	ft	SS		1.1788	0.18	0.54	0.6388			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-211	18-1116	AAB4485	0	5	ft	SS		0.915	0.075	0.225	0.69			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Bismuth-211	18-1116	AAB4487	0	5	ft	SS		0.6332	0.16	0.48	0.1532			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Bismuth-211	18-1117	AAB4488	0	5	ft	SS		0.8146	0.16	0.48	0.3346			PCI/G				septic tank-W	G	19054	38489	RAD
Bismuth-211	18-1126	AAB4500	0	6	in	SS		0.666	0.18	0.54	0.126			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-211	18-1130	AAB4501	0	6	in	SS	<	0.166	0	0	0.166			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-211	18-1131	AAB4502	0	6	in	SS		0.3082	0.15	0.45	-0.1418			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-211	18-1132	AAB4503	0	6	in	SS	<	0.137	0	0	0.137			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-211	18-1133	AAB4504	0	6	in	SS		0.6073	0.16	0.48	0.1273			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-211	18-1135	AAB4505	0	5	ft	SS		0.5115	0.16	0.48	0.0315			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-211	18-1135	AAB4507	5	10	ft	SS		0.815	0.16	0.48	0.335			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-211	18-1135	AAB4509	5	10	ft	SS		0.8199	0.16	0.48	0.3399			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-211	18-1135	AAB4509	10	12	ft	SS		0.8199	0.16	0.48	0.3399			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-211	18-1135	AAB4509	0	5	ft	SS		0.8199	0.16	0.48	0.3399			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-211	18-1135	AAB4510	0	12	ft	W	<	21.1	0	0	21.1			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-211	18-1135	AAB4510	0	12	ft	W	<	19.3	0	0	19.3			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-211	18-1135	AAB4518	0	18	ft	W	<	18.7	0	0	18.7			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-211	18-1135	AAB4518	0	18	ft	W	<	16.1	0	0	16.1			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-211	18-1136	AAB4512	0	5	ft	SS		0.942	0.15	0.45	0.492			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-211	18-1136	AAB4514	5	8.5	ft	SS		1.0585	0.17	0.51	0.5485			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-211	18-1136	AAB4516	10	25	ft	SS		0.7518	0.13	0.39	0.3618			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-211	18-1136	AAB4517	0	25	ft	W	<	19.4	0	0	19.4			PCI/L				drainfield	G	19004	37230	RAD
Bismuth-211	18-1136	AAB4517	0	25	ft	W	<	18.4	0	0	18.4			PCI/L				drainfield	G	19004	37230	RAD
Bismuth-211	18-1136	AAB4516	20	25	ft	SS		0.7518	0.13	0.39	0.3618			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-211	18-1136	AAB4516	15	20	ft	SS		0.7518	0.13	0.39	0.3618			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-212	18-1114	AAB4482	0	1	ft	SS		2.5809	0.33	0.99	1.5909			PCI/G				septic tank	G	19004	37230	RAD
Bismuth-212	18-1115	AAB4481	0	6	in	SS	<	0.0965	0	0	0.0965			PCI/G				septic tank	G	19831	37260	RAD
Bismuth-212	18-1115	AAB4483	0	1	ft	SS	<	0.713	0	0	0.713			PCI/G				septic tank	G	19054	38489	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Bismuth-212	18-1116	AAB4485	0	5	ft	SS		1.646	0.27	0.81	0.836			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Bismuth-212	18-1116	AAB4487	0	5	ft	SS		1.539	0.43	1.29	0.249			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Bismuth-212	18-1117	AAB4488	0	5	ft	SS	<	0.39	0	0	0.39			PCI/G				septic tank-W	G	19054	38489	RAD
Bismuth-212	18-1126	AAB4500	0	6	in	SS	<	0.561	0	0	0.561			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-212	18-1130	AAB4501	0	6	in	SS	<	0.21	0	0	0.21			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-212	18-1131	AAB4502	0	6	in	SS	<	0.657	0	0	0.657			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-212	18-1132	AAB4503	0	6	in	SS	<	0.551	0	0	0.551			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-212	18-1133	AAB4504	0	6	in	SS	<	0.524	0	0	0.524			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-212	18-1135	AAB4505	0	5	ft	SS	<	0.737	0	0	0.737			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-212	18-1135	AAB4507	5	10	ft	SS		1.4094	0.56	1.68	-0.2706			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-212	18-1135	AAB4509	5	10	ft	SS		1.0883	0.46	1.38	-0.2917			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-212	18-1135	AAB4509	10	12	ft	SS		1.0883	0.46	1.38	-0.2917			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-212	18-1135	AAB4509	0	5	ft	SS		1.0883	0.46	1.38	-0.2917			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-212	18-1135	AAB4510	0	12	ft	W		183.1	68.54	205.62	-22.52			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-212	18-1135	AAB4510	0	12	ft	W	<	35.7	0	0	35.7			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-212	18-1135	AAB4518	0	18	ft	W		225.5	68.67	206.01	19.49			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-212	18-1135	AAB4518	0	18	ft	W	<	36.5	0	0	36.5			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-212	18-1136	AAB4512	0	5	ft	SS	<	0.577	0	0	0.577			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-212	18-1136	AAB4514	5	8.5	ft	SS	<	0.648	0	0	0.648			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-212	18-1136	AAB4516	10	25	ft	SS		2.0939	0.41	1.23	0.8639			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-212	18-1136	AAB4517	0	25	ft	W		218.89	30.55	91.65	127.24			PCI/L				drainfield	G	19004	37230	RAD
Bismuth-212	18-1136	AAB4517	0	25	ft	W	<	33.2	0	0	33.2			PCI/L				drainfield	G	19004	37230	RAD
Bismuth-212	18-1136	AAB4516	20	25	ft	SS		2.0939	0.41	1.23	0.8639			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-212	18-1136	AAB4516	15	20	ft	SS		2.0939	0.41	1.23	0.8639			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-214	18-1114	AAB4482	0	1	ft	SS		1.1879	0.035	0.105	1.0829			PCI/G				septic tank	G	19004	37230	RAD
Bismuth-214	18-1115	AAB4481	0	6	in	SS	<	0.0352	0	0	0.0352			PCI/G				septic tank	G	19831	37260	RAD
Bismuth-214	18-1115	AAB4483	0	1	ft	SS		0.9876	0.07	0.21	0.7776			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-214	18-1116	AAB4485	0	5	ft	SS		1.1494	0.03	0.09	1.0594			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Bismuth-214	18-1116	AAB4487	0	5	ft	SS		1.2444	0.06	0.18	1.0644			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Bismuth-214	18-1117	AAB4488	0	5	ft	SS		1.2451	0.06	0.18	1.0651			PCI/G				septic tank-W	G	19054	38489	RAD
Bismuth-214	18-1126	AAB4500	0	6	in	SS		0.3827	0.06	0.18	0.2027			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-214	18-1130	AAB4501	0	6	in	SS	<	0.0383	0	0	0.0383			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-214	18-1131	AAB4502	0	6	in	SS		0.1605	0.05	0.15	0.0105			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-214	18-1132	AAB4503	0	6	in	SS	<	0.0375	0	0	0.0375			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-214	18-1133	AAB4504	0	6	in	SS		0.2739	0.06	0.18	0.0939			PCI/G				drainfield	G	19831	37260	RAD
Bismuth-214	18-1135	AAB4505	0	5	ft	SS		1.0609	0.06	0.18	0.8809			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-214	18-1135	AAB4507	5	10	ft	SS		0.974	0.06	0.18	0.794			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-214	18-1135	AAB4509	10	12	ft	SS		1.0617	0.06	0.18	0.8817			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-214	18-1135	AAB4509	5	10	ft	SS		1.0617	0.06	0.18	0.8817			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-214	18-1135	AAB4509	0	5	ft	SS		1.0617	0.06	0.18	0.8817			PCI/G				drainfield	G	18765	38475	RAD
Bismuth-214	18-1135	AAB4510	0	12	ft	W		31.84	5.68	17.04	14.8			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-214	18-1135	AAB4510	0	12	ft	W	<	7.5	0	0	7.5			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-214	18-1135	AAB4518	0	18	ft	W	<	7.7	0	0	7.7			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-214	18-1135	AAB4518	0	18	ft	W		54.041	7.63	22.89	31.151			PCI/L	FD			drainfield	G	19005	37086	RAD
Bismuth-214	18-1136	AAB4512	0	5	ft	SS		0.5488	0.06	0.18	0.3688			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-214	18-1136	AAB4514	5	8.5	ft	SS		0.6167	0.06	0.18	0.4367			PCI/G				drainfield	G	18946	36912	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Bismuth-214	18-1136	AAB4516	10	25	ft	SS		0.9149	0.05	0.15	0.7649			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-214	18-1136	AAB4517	0	25	ft	W	<	7.55	0	0	7.55			PCI/L				drainfield	G	19004	37230	RAD
Bismuth-214	18-1136	AAB4517	0	25	ft	W		20.969	2.805	8.415	12.554			PCI/L				drainfield	G	19004	37230	RAD
Bismuth-214	18-1136	AAB4516	20	25	ft	SS		0.9149	0.05	0.15	0.7649			PCI/G				drainfield	G	18946	36912	RAD
Bismuth-214	18-1136	AAB4516	15	20	ft	SS		0.9149	0.05	0.15	0.7649			PCI/G				drainfield	G	18946	36912	RAD
Cerium-144	18-1114	AAB4482	0	1	ft	SS	<	0	0	0	0		56	PCI/G				septic tank	G	19004	37230	RAD
Cerium-144	18-1115	AAB4481	0	6	in	SS	<	0.0536	0	0	0.0536		56	PCI/G				septic tank	G	19831	37260	RAD
Cerium-144	18-1115	AAB4483	0	1	ft	SS	<	0	0	0	0		56	PCI/G				septic tank	G	19054	38489	RAD
Cerium-144	18-1116	AAB4485	0	5	ft	SS	<	0.0987	0	0	0.0987		56	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Cerium-144	18-1116	AAB4487	0	5	ft	SS	<	0.117	0	0	0.117		56	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Cerium-144	18-1117	AAB4488	0	5	ft	SS	<	0.107	0	0	0.107		56	PCI/G				septic tank-W	G	19054	38489	RAD
Cerium-144	18-1126	AAB4500	0	6	in	SS	<	0.0837	0	0	0.0837		56	PCI/G				drainfield	G	19831	37260	RAD
Cerium-144	18-1130	AAB4501	0	6	in	SS	<	0.0703	0	0	0.0703		56	PCI/G				drainfield	G	19831	37260	RAD
Cerium-144	18-1131	AAB4502	0	6	in	SS	<	0.125	0	0	0.125		56	PCI/G				drainfield	G	19831	37260	RAD
Cerium-144	18-1132	AAB4503	0	6	in	SS	<	0.062	0	0	0.062		56	PCI/G				drainfield	G	19831	37260	RAD
Cerium-144	18-1133	AAB4504	0	6	in	SS	<	0.128	0	0	0.128		56	PCI/G				drainfield	G	19831	37260	RAD
Cerium-144	18-1135	AAB4505	0	5	ft	SS	-	7.2	1.19	3.57	3.63		56	PCI/G				drainfield	G	18765	38475	RAD
Cerium-144	18-1135	AAB4507	5	10	ft	SS		0.219	1.87	5.61	-5.391		56	PCI/G				drainfield	G	18765	38475	RAD
Cerium-144	18-1135	AAB4509	10	12	ft	SS	-	3.54	0.995	2.985	0.555		56	PCI/G				drainfield	G	18765	38475	RAD
Cerium-144	18-1135	AAB4509	0	5	ft	SS	-	3.54	0.995	2.985	0.555		56	PCI/G				drainfield	G	18765	38475	RAD
Cerium-144	18-1135	AAB4509	5	10	ft	SS	-	3.54	0.995	2.985	0.555		56	PCI/G				drainfield	G	18765	38475	RAD
Cerium-144	18-1135	AAB4510	0	12	ft	W	<	12.8	0	0	12.8		270	PCI/L	FD	-		drainfield	G	19005	37086	RAD
Cerium-144	18-1135	AAB4510	0	12	ft	W	<	10	0	0	10		270	PCI/L	FD	-		drainfield	G	19005	37086	RAD
Cerium-144	18-1135	AAB4518	0	18	ft	W	<	8.74	0	0	8.74		270	PCI/L	FD			drainfield	G	19005	37086	RAD
Cerium-144	18-1135	AAB4518	0	18	ft	W	<	18.3	0	0	18.3		270	PCI/L	FD			drainfield	G	19005	37086	RAD
Cerium-144	18-1135	AAB4732	30	32	ft	SS		0.012	0.0525	0.1575	-0.1455		56	PCI/G				drainfield	G	20285	33586	RAD
Cerium-144	18-1135	AAB4732	20	25	ft	SS		0.012	0.0525	0.1575	-0.1455		56	PCI/G				drainfield	G	20285	33586	RAD
Cerium-144	18-1135	AAB4732	18	20	ft	SS		0.012	0.0525	0.1575	-0.1455		56	PCI/G				drainfield	G	20285	33586	RAD
Cerium-144	18-1135	AAB4732	25	30	ft	SS		0.012	0.0525	0.1575	-0.1455		56	PCI/G				drainfield	G	20285	33586	RAD
Cerium-144	18-1136	AAB4512	0	5	ft	SS	<	0	0	0	0		56	PCI/G				drainfield	G	18946	36912	RAD
Cerium-144	18-1136	AAB4514	5	8.5	ft	SS	<	0	0	0	0		56	PCI/G				drainfield	G	18946	36912	RAD
Cerium-144	18-1136	AAB4516	10	25	ft	SS	<	0.107	0	0	0.107		56	PCI/G				drainfield	G	18946	36912	RAD
Cerium-144	18-1136	AAB4517	0	25	ft	W	<	10.7	0	0	10.7		270	PCI/L				drainfield	G	19004	37230	RAD
Cerium-144	18-1136	AAB4517	0	25	ft	W	<	17.3	0	0	17.3		270	PCI/L				drainfield	G	19004	37230	RAD
Cerium-144	18-1136	AAB4516	20	25	ft	SS	<	0.107	0	0	0.107		56	PCI/G				drainfield	G	18946	36912	RAD
Cerium-144	18-1136	AAB4516	15	20	ft	SS	<	0.107	0	0	0.107		56	PCI/G				drainfield	G	18946	36912	RAD
Cesium-134	18-1114	AAB4482	0	1	ft	SS	<	0.0108	0	0	0.0108		1.9	PCI/G				septic tank	G	19004	37230	RAD
Cesium-134	18-1115	AAB4481	0	6	in	SS	<	0.0253	0	0	0.0253		1.9	PCI/G				septic tank	G	19831	37260	RAD
Cesium-134	18-1115	AAB4483	0	1	ft	SS	<	0.0133	0	0	0.0133		1.9	PCI/G				septic tank	G	19054	38489	RAD
Cesium-134	18-1116	AAB4485	0	5	ft	SS	<	0.0374	0	0	0.0374		1.9	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Cesium-134	18-1116	AAB4487	0	5	ft	SS	<	0.0388	0	0	0.0388		1.9	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Cesium-134	18-1117	AAB4488	0	5	ft	SS	<	0.0376	0	0	0.0376		1.9	PCI/G				septic tank-W	G	19054	38489	RAD
Cesium-134	18-1126	AAB4500	0	6	in	SS	<	0.0454	0	0	0.0454		1.9	PCI/G				drainfield	G	19831	37260	RAD
Cesium-134	18-1130	AAB4501	0	6	in	SS	<	0.0272	0	0	0.0272		1.9	PCI/G				drainfield	G	19831	37260	RAD
Cesium-134	18-1131	AAB4502	0	6	in	SS	<	0.0396	0	0	0.0396		1.9	PCI/G				drainfield	G	19831	37260	RAD
Cesium-134	18-1132	AAB4503	0	6	in	SS	<	0.026	0	0	0.026		1.9	PCI/G				drainfield	G	19831	37260	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cesium-134	18-1133	AAB4504	0	6	in	SS	<	0.0422	0	0	0.0422		1.9	PCI/G				drainfield	G	19831	37260	RAD
Cesium-134	18-1135	AAB4505	0	5	ft	SS	<	0.04	0	0	0.04		1.9	PCI/G				drainfield	G	18765	38475	RAD
Cesium-134	18-1135	AAB4507	5	10	ft	SS	<	0.0388	0	0	0.0388		1.9	PCI/G				drainfield	G	18765	38475	RAD
Cesium-134	18-1135	AAB4509	5	10	ft	SS	<	0.0389	0	0	0.0389		1.9	PCI/G				drainfield	G	18765	38475	RAD
Cesium-134	18-1135	AAB4509	10	12	ft	SS	<	0.0389	0	0	0.0389		1.9	PCI/G				drainfield	G	18765	38475	RAD
Cesium-134	18-1135	AAB4509	0	5	ft	SS	<	0.0389	0	0	0.0389		1.9	PCI/G				drainfield	G	18765	38475	RAD
Cesium-134	18-1135	AAB4510	0	12	ft	W	<	1.38	0	0	1.38		75	PCI/L	FD			drainfield	G	19005	37086	RAD
Cesium-134	18-1135	AAB4510	0	12	ft	W	<	1.15	0	0	1.15		75	PCI/L	FD			drainfield	G	19005	37086	RAD
Cesium-134	18-1135	AAB4518	0	18	ft	W	<	1.86	0	0	1.86		75	PCI/L	FD			drainfield	G	19005	37086	RAD
Cesium-134	18-1135	AAB4518	0	18	ft	W	<	1.07	0	0	1.07		75	PCI/L	FD			drainfield	G	19005	37086	RAD
Cesium-134	18-1136	AAB4512	0	5	ft	SS	<	0.0116	0	0	0.0116		1.9	PCI/G				drainfield	G	18946	36912	RAD
Cesium-134	18-1136	AAB4514	5	8.5	ft	SS	<	0.0131	0	0	0.0131		1.9	PCI/G				drainfield	G	18946	36912	RAD
Cesium-134	18-1136	AAB4516	10	25	ft	SS	<	0.0345	0	0	0.0345		1.9	PCI/G				drainfield	G	18946	36912	RAD
Cesium-134	18-1136	AAB4517	0	25	ft	W	<	1.07	0	0	1.07		75	PCI/L				drainfield	G	19004	37230	RAD
Cesium-134	18-1136	AAB4517	0	25	ft	W	<	1.3	0	0	1.3		75	PCI/L				drainfield	G	19004	37230	RAD
Cesium-134	18-1136	AAB4516	20	25	ft	SS	<	0.0345	0	0	0.0345		1.9	PCI/G				drainfield	G	18946	36912	RAD
Cesium-134	18-1136	AAB4516	15	20	ft	SS	<	0.0345	0	0	0.0345		1.9	PCI/G				drainfield	G	18946	36912	RAD
Cesium-137	18-1114	AAB4482	0	1	ft	SS	<	0.0738	0	0	0.0738	1.4	5.1	PCI/G			J	septic tank	G	19004	37230	RAD
Cesium-137	18-1115	AAB4481	0	6	in	SS	<	0.0204	0	0	0.0204	1.4	5.1	PCI/G			J	septic tank	G	19831	37260	RAD
Cesium-137	18-1115	AAB4483	0	1	ft	SS	<	0.0693	0	0	0.0693	1.4	5.1	PCI/G				septic tank	G	19054	38489	RAD
Cesium-137	18-1116	AAB4485	0	5	ft	SS		0.0591	0.01	0.03	0.0291	1.4	5.1	PCI/G	FD		J	septic tank-E	G	19004	37230	RAD
Cesium-137	18-1116	AAB4487	0	5	ft	SS	<	0.0208	0	0	0.0208	1.4	5.1	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Cesium-137	18-1117	AAB4488	0	5	ft	SS		0.0483	0.02	0.06	-0.0117	1.4	5.1	PCI/G				septic tank-W	G	19054	38489	RAD
Cesium-137	18-1126	AAB4500	0	6	in	SS		0.0821	0.03	0.09	-0.0079	1.4	5.1	PCI/G			J	drainfield	G	19831	37260	RAD
Cesium-137	18-1130	AAB4501	0	6	in	SS	<	0.0154	0	0	0.0154	1.4	5.1	PCI/G			J	drainfield	G	19831	37260	RAD
Cesium-137	18-1131	AAB4502	0	6	in	SS	<	0.0155	0	0	0.0155	1.4	5.1	PCI/G			J	drainfield	G	19831	37260	RAD
Cesium-137	18-1132	AAB4503	0	6	in	SS	<	0.0105	0	0	0.0105	1.4	5.1	PCI/G			J	drainfield	G	19831	37260	RAD
Cesium-137	18-1133	AAB4504	0	6	in	SS		0.1352	0.03	0.09	0.0452	1.4	5.1	PCI/G			J	drainfield	G	19831	37260	RAD
Cesium-137	18-1135	AAB4505	0	5	ft	SS		0.156	0.0105	0.0315	0.1245	1.4	5.1	PCI/G				drainfield	G	18765	38475	RAD
Cesium-137	18-1135	AAB4507	5	10	ft	SS	-	0.016	0.0115	0.0345	-0.0185	1.4	5.1	PCI/G				drainfield	G	18765	38475	RAD
Cesium-137	18-1135	AAB4509	10	12	ft	SS	-	0.002	0.0075	0.0225	-0.0205	1.4	5.1	PCI/G				drainfield	G	18765	38475	RAD
Cesium-137	18-1135	AAB4509	5	10	ft	SS	-	0.002	0.0075	0.0225	-0.0205	1.4	5.1	PCI/G				drainfield	G	18765	38475	RAD
Cesium-137	18-1135	AAB4509	0	5	ft	SS	-	0.002	0.0075	0.0225	-0.0205	1.4	5.1	PCI/G				drainfield	G	18765	38475	RAD
Cesium-137	18-1135	AAB4510	0	12	ft	W	<	2.15	0	0	2.15		110	PCI/L	FD		R	drainfield	G	19005	37086	RAD
Cesium-137	18-1135	AAB4510	0	12	ft	W	<	12.6	0	0	12.6		110	PCI/L	FD		R	drainfield	G	19005	37086	RAD
Cesium-137	18-1135	AAB4518	0	18	ft	W	<	1.97	0	0	1.97		110	PCI/L	FD		R	drainfield	G	19005	37086	RAD
Cesium-137	18-1135	AAB4518	0	18	ft	W	<	12.6	0	0	12.6		110	PCI/L	FD		R	drainfield	G	19005	37086	RAD
Cesium-137	18-1135	AAB4732	18	20	ft	SS	-	0.002	0.009	0.027	-0.025	1.4	5.1	PCI/G				drainfield	G	20285	33586	RAD
Cesium-137	18-1135	AAB4732	25	30	ft	SS	-	0.002	0.009	0.027	-0.025	1.4	5.1	PCI/G				drainfield	G	20285	33586	RAD
Cesium-137	18-1135	AAB4732	20	25	ft	SS	-	0.002	0.009	0.027	-0.025	1.4	5.1	PCI/G				drainfield	G	20285	33586	RAD
Cesium-137	18-1135	AAB4732	30	32	ft	SS	-	0.002	0.009	0.027	-0.025	1.4	5.1	PCI/G				drainfield	G	20285	33586	RAD
Cesium-137	18-1136	AAB4512	0	5	ft	SS	<	0.0669	0	0	0.0669	1.4	5.1	PCI/G			J	drainfield	G	18946	36912	RAD
Cesium-137	18-1136	AAB4514	5	8.5	ft	SS	<	0.0752	0	0	0.0752	1.4	5.1	PCI/G			J	drainfield	G	18946	36912	RAD
Cesium-137	18-1136	AAB4516	10	25	ft	SS	<	0.0127	0	0	0.0127	1.4	5.1	PCI/G			J	drainfield	G	18946	36912	RAD
Cesium-137	18-1136	AAB4517	0	25	ft	W	<	12.6	0	0	12.6		110	PCI/L			R	drainfield	G	19004	37230	RAD
Cesium-137	18-1136	AAB4517	0	25	ft	W	<	2.31	0	0	2.31		110	PCI/L			R	drainfield	G	19004	37230	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cesium-137	18-1136	AAB4516	20	25	ft	SS	<	0.0127	0	0	0.0127	1.4	5.1	PCI/G			J	drainfield	G	18946	36912	RAD
Cesium-137	18-1136	AAB4516	15	20	ft	SS	<	0.0127	0	0	0.0127	1.4	5.1	PCI/G			J	drainfield	G	18946	36912	RAD
Cobalt-57	18-1114	AAB4482	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19004	37230	RAD
Cobalt-57	18-1115	AAB4481	0	6	in	SS	<	0.0092	0	0	0.0092			PCI/G				septic tank	G	19831	37260	RAD
Cobalt-57	18-1115	AAB4483	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Cobalt-57	18-1116	AAB4485	0	5	ft	SS	<	0.0136	0	0	0.0136			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Cobalt-57	18-1116	AAB4487	0	5	ft	SS	<	0.014	0	0	0.014			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Cobalt-57	18-1117	AAB4488	0	5	ft	SS	<	0.0125	0	0	0.0125			PCI/G				septic tank-W	G	19054	38489	RAD
Cobalt-57	18-1126	AAB4500	0	6	in	SS	<	0.0107	0	0	0.0107			PCI/G				drainfield	G	19831	37260	RAD
Cobalt-57	18-1130	AAB4501	0	6	in	SS	<	0.0093	0	0	0.0093			PCI/G				drainfield	G	19831	37260	RAD
Cobalt-57	18-1131	AAB4502	0	6	in	SS	<	0.0186	0	0	0.0186			PCI/G				drainfield	G	19831	37260	RAD
Cobalt-57	18-1132	AAB4503	0	6	in	SS	<	0.0098	0	0	0.0098			PCI/G				drainfield	G	19831	37260	RAD
Cobalt-57	18-1133	AAB4504	0	6	in	SS	<	0.0159	0	0	0.0159			PCI/G				drainfield	G	19831	37260	RAD
Cobalt-57	18-1135	AAB4505	0	5	ft	SS		0.022	0.0145	0.0435	-0.0215			PCI/G				drainfield	G	18765	38475	RAD
Cobalt-57	18-1135	AAB4507	5	10	ft	SS		0.008	0.016	0.048	-0.04			PCI/G				drainfield	G	18765	38475	RAD
Cobalt-57	18-1135	AAB4509	5	10	ft	SS	-	0.016	0.012	0.036	-0.02			PCI/G				drainfield	G	18765	38475	RAD
Cobalt-57	18-1135	AAB4509	10	12	ft	SS	-	0.016	0.012	0.036	-0.02			PCI/G				drainfield	G	18765	38475	RAD
Cobalt-57	18-1135	AAB4509	0	5	ft	SS	-	0.016	0.012	0.036	-0.02			PCI/G				drainfield	G	18765	38475	RAD
Cobalt-57	18-1135	AAB4510	0	12	ft	W		5.1491	1.45	4.35	0.7991			PCI/L	FD			drainfield	G	19005	37086	RAD
Cobalt-57	18-1135	AAB4510	0	12	ft	W	<	1.73	0	0	1.73			PCI/L	FD			drainfield	G	19005	37086	RAD
Cobalt-57	18-1135	AAB4518	0	18	ft	W	<	1.26	0	0	1.26			PCI/L	FD			drainfield	G	19005	37086	RAD
Cobalt-57	18-1135	AAB4518	0	18	ft	W	<	2.21	0	0	2.21			PCI/L	FD			drainfield	G	19005	37086	RAD
Cobalt-57	18-1136	AAB4512	0	5	ft	SS	<	0	0	0	0			PCI/G				drainfield	G	18946	36912	RAD
Cobalt-57	18-1136	AAB4514	5	8.5	ft	SS	<	0	0	0	0			PCI/G				drainfield	G	18946	36912	RAD
Cobalt-57	18-1136	AAB4516	10	25	ft	SS	<	0.0091	0	0	0.0091			PCI/G				drainfield	G	18946	36912	RAD
Cobalt-57	18-1136	AAB4517	0	25	ft	W	<	2.53	0	0	2.53			PCI/L				drainfield	G	19004	37230	RAD
Cobalt-57	18-1136	AAB4517	0	25	ft	W	<	1.22	0	0	1.22			PCI/L				drainfield	G	19004	37230	RAD
Cobalt-57	18-1136	AAB4516	20	25	ft	SS	<	0.0091	0	0	0.0091			PCI/G				drainfield	G	18946	36912	RAD
Cobalt-57	18-1136	AAB4516	15	20	ft	SS	<	0.0091	0	0	0.0091			PCI/G				drainfield	G	18946	36912	RAD
Cobalt-60	18-1114	AAB4482	0	1	ft	SS	<	0.0211	0	0	0.0211		1.1	PCI/G				septic tank	G	19004	37230	RAD
Cobalt-60	18-1115	AAB4481	0	6	in	SS	<	0.0088	0	0	0.0088		1.1	PCI/G				septic tank	G	19831	37260	RAD
Cobalt-60	18-1115	AAB4483	0	1	ft	SS	<	0.0129	0	0	0.0129		1.1	PCI/G				septic tank	G	19054	38489	RAD
Cobalt-60	18-1116	AAB4485	0	5	ft	SS	<	0.0096	0	0	0.0096		1.1	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Cobalt-60	18-1116	AAB4487	0	5	ft	SS	<	0.0211	0	0	0.0211		1.1	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Cobalt-60	18-1117	AAB4488	0	5	ft	SS	<	0.008	0	0	0.008		1.1	PCI/G				septic tank-W	G	19054	38489	RAD
Cobalt-60	18-1126	AAB4500	0	6	in	SS	<	0.011	0	0	0.011		1.1	PCI/G				drainfield	G	19831	37260	RAD
Cobalt-60	18-1130	AAB4501	0	6	in	SS	<	0.0091	0	0	0.0091		1.1	PCI/G				drainfield	G	19831	37260	RAD
Cobalt-60	18-1131	AAB4502	0	6	in	SS	<	0.0146	0	0	0.0146		1.1	PCI/G				drainfield	G	19831	37260	RAD
Cobalt-60	18-1132	AAB4503	0	6	in	SS	<	0.0141	0	0	0.0141		1.1	PCI/G				drainfield	G	19831	37260	RAD
Cobalt-60	18-1133	AAB4504	0	6	in	SS	<	0.0147	0	0	0.0147		1.1	PCI/G				drainfield	G	19831	37260	RAD
Cobalt-60	18-1135	AAB4505	0	5	ft	SS		0.025	0.0115	0.0345	-0.0095		1.1	PCI/G				drainfield	G	18765	38475	RAD
Cobalt-60	18-1135	AAB4507	5	10	ft	SS		0.078	0.017	0.051	0.027		1.1	PCI/G				drainfield	G	18765	38475	RAD
Cobalt-60	18-1135	AAB4509	10	12	ft	SS		0.006	0.011	0.033	-0.027		1.1	PCI/G				drainfield	G	18765	38475	RAD
Cobalt-60	18-1135	AAB4509	5	10	ft	SS		0.006	0.011	0.033	-0.027		1.1	PCI/G				drainfield	G	18765	38475	RAD
Cobalt-60	18-1135	AAB4509	0	5	ft	SS		0.006	0.011	0.033	-0.027		1.1	PCI/G				drainfield	G	18765	38475	RAD
Cobalt-60	18-1135	AAB4510	0	12	ft	W	<	1.75	0	0	1.75		200	PCI/L	FD			drainfield	G	19005	37086	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cobalt-60	18-1135	AAB4510	0	12	ft	W	<	2.04	0	0	2.04		200	PCI/L	FD			drainfield	G	19005	37086	RAD
Cobalt-60	18-1135	AAB4518	0	18	ft	W	<	2.26	0	0	2.26		200	PCI/L	FD			drainfield	G	19005	37086	RAD
Cobalt-60	18-1135	AAB4518	0	18	ft	W	<	0.768	0	0	0.768		200	PCI/L	FD			drainfield	G	19005	37086	RAD
Cobalt-60	18-1135	AAB4732	20	25	ft	SS		0.011	0.01	0.03	-0.019		1.1	PCI/G				drainfield	G	20285	33586	RAD
Cobalt-60	18-1135	AAB4732	18	20	ft	SS		0.011	0.01	0.03	-0.019		1.1	PCI/G				drainfield	G	20285	33586	RAD
Cobalt-60	18-1135	AAB4732	30	32	ft	SS		0.011	0.01	0.03	-0.019		1.1	PCI/G				drainfield	G	20285	33586	RAD
Cobalt-60	18-1135	AAB4732	25	30	ft	SS		0.011	0.01	0.03	-0.019		1.1	PCI/G				drainfield	G	20285	33586	RAD
Cobalt-60	18-1136	AAB4512	0	5	ft	SS	<	0.0151	0	0	0.0151		1.1	PCI/G				drainfield	G	18946	36912	RAD
Cobalt-60	18-1136	AAB4514	5	8.5	ft	SS	<	0.017	0	0	0.017		1.1	PCI/G				drainfield	G	18946	36912	RAD
Cobalt-60	18-1136	AAB4516	10	25	ft	SS	<	0.0138	0	0	0.0138		1.1	PCI/G				drainfield	G	18946	36912	RAD
Cobalt-60	18-1136	AAB4517	0	25	ft	W	<	2.12	0	0	2.12		200	PCI/L				drainfield	G	19004	37230	RAD
Cobalt-60	18-1136	AAB4517	0	25	ft	W	<	1.97	0	0	1.97		200	PCI/L				drainfield	G	19004	37230	RAD
Cobalt-60	18-1136	AAB4516	20	25	ft	SS	<	0.0138	0	0	0.0138		1.1	PCI/G				drainfield	G	18946	36912	RAD
Cobalt-60	18-1136	AAB4516	15	20	ft	SS	<	0.0138	0	0	0.0138		1.1	PCI/G				drainfield	G	18946	36912	RAD
Europium-152	18-1135	AAB4505	0	5	ft	SS		0.274	0.0355	0.1065	0.1675		2.6	PCI/G				drainfield	G	18765	38475	RAD
Europium-152	18-1135	AAB4507	5	10	ft	SS		0.224	0.09	0.27	-0.046		2.6	PCI/G				drainfield	G	18765	38475	RAD
Europium-152	18-1135	AAB4509	5	10	ft	SS		0.186	0.037	0.111	0.075		2.6	PCI/G				drainfield	G	18765	38475	RAD
Europium-152	18-1135	AAB4509	10	12	ft	SS		0.186	0.037	0.111	0.075		2.6	PCI/G				drainfield	G	18765	38475	RAD
Europium-152	18-1135	AAB4509	0	5	ft	SS		0.186	0.037	0.111	0.075		2.6	PCI/G				drainfield	G	18765	38475	RAD
Europium-152	18-1135	AAB4732	25	30	ft	SS		0.102	0.043	0.129	-0.027		2.6	PCI/G				drainfield	G	20285	33586	RAD
Europium-152	18-1135	AAB4732	18	20	ft	SS		0.102	0.043	0.129	-0.027		2.6	PCI/G				drainfield	G	20285	33586	RAD
Europium-152	18-1135	AAB4732	20	25	ft	SS		0.102	0.043	0.129	-0.027		2.6	PCI/G				drainfield	G	20285	33586	RAD
Europium-152	18-1135	AAB4732	30	32	ft	SS		0.102	0.043	0.129	-0.027		2.6	PCI/G				drainfield	G	20285	33586	RAD
Lead-210	18-1114	AAB4482	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19004	37230	RAD
Lead-210	18-1115	AAB4481	0	6	in	SS	<	0.424	0	0	0.424			PCI/G				septic tank	G	19831	37260	RAD
Lead-210	18-1115	AAB4483	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Lead-210	18-1116	AAB4485	0	5	ft	SS	<	0.941	0	0	0.941			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Lead-210	18-1116	AAB4487	0	5	ft	SS	<	0.99	0	0	0.99			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Lead-210	18-1117	AAB4488	0	5	ft	SS	<	0.978	0	0	0.978			PCI/G				septic tank-W	G	19054	38489	RAD
Lead-210	18-1126	AAB4500	0	6	in	SS	<	0.932	0	0	0.932			PCI/G				drainfield	G	19831	37260	RAD
Lead-210	18-1130	AAB4501	0	6	in	SS	<	0.555	0	0	0.555			PCI/G				drainfield	G	19831	37260	RAD
Lead-210	18-1131	AAB4502	0	6	in	SS	<	0.88	0	0	0.88			PCI/G				drainfield	G	19831	37260	RAD
Lead-210	18-1132	AAB4503	0	6	in	SS	<	0.46	0	0	0.46			PCI/G				drainfield	G	19831	37260	RAD
Lead-210	18-1133	AAB4504	0	6	in	SS	<	0.799	0	0	0.799			PCI/G				drainfield	G	19831	37260	RAD
Lead-210	18-1135	AAB4505	0	5	ft	SS	<	1.02	0	0	1.02			PCI/G				drainfield	G	18765	38475	RAD
Lead-210	18-1135	AAB4507	5	10	ft	SS	<	1.06	0	0	1.06			PCI/G				drainfield	G	18765	38475	RAD
Lead-210	18-1135	AAB4509	0	5	ft	SS	<	1.06	0	0	1.06			PCI/G				drainfield	G	18765	38475	RAD
Lead-210	18-1135	AAB4509	5	10	ft	SS	<	1.06	0	0	1.06			PCI/G				drainfield	G	18765	38475	RAD
Lead-210	18-1135	AAB4509	10	12	ft	SS	<	1.06	0	0	1.06			PCI/G				drainfield	G	18765	38475	RAD
Lead-210	18-1135	AAB4510	0	12	ft	W	<	229	0	0	229			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-210	18-1135	AAB4510	0	12	ft	W	<	251	0	0	251			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-210	18-1135	AAB4518	0	18	ft	W	<	226	0	0	226			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-210	18-1135	AAB4518	0	18	ft	W	<	215	0	0	215			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-210	18-1136	AAB4512	0	5	ft	SS	<	0	0	0	0			PCI/G				drainfield	G	18946	36912	RAD
Lead-210	18-1136	AAB4514	5	8.5	ft	SS	<	0	0	0	0			PCI/G				drainfield	G	18946	36912	RAD
Lead-210	18-1136	AAB4516	10	25	ft	SS	<	0.775	0	0	0.775			PCI/G				drainfield	G	18946	36912	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Lead-210	18-1136	AAB4517	0	25	ft	W	<	226	0	0	226			PCI/L				drainfield	G	19004	37230	RAD
Lead-210	18-1136	AAB4517	0	25	ft	W	<	224	0	0	224			PCI/L				drainfield	G	19004	37230	RAD
Lead-210	18-1136	AAB4516	15	20	ft	SS	<	0.775	0	0	0.775			PCI/G				drainfield	G	18946	36912	RAD
Lead-210	18-1136	AAB4516	20	25	ft	SS	<	0.775	0	0	0.775			PCI/G				drainfield	G	18946	36912	RAD
Lead-211	18-1114	AAB4482	0	1	ft	SS	<	0.506	0	0	0.506			PCI/G				septic tank	G	19004	37230	RAD
Lead-211	18-1115	AAB4481	0	6	in	SS	<	0.638	0	0	0.638			PCI/G				septic tank	G	19831	37260	RAD
Lead-211	18-1115	AAB4483	0	1	ft	SS	<	0.447	0	0	0.447			PCI/G				septic tank	G	19054	38489	RAD
Lead-211	18-1116	AAB4485	0	5	ft	SS	<	0.386	0	0	0.386			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Lead-211	18-1116	AAB4487	0	5	ft	SS	<	0.371	0	0	0.371			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Lead-211	18-1117	AAB4488	0	5	ft	SS	<	0.364	0	0	0.364			PCI/G				septic tank-W	G	19054	38489	RAD
Lead-211	18-1126	AAB4500	0	6	in	SS	<	0.439	0	0	0.439			PCI/G				drainfield	G	19831	37260	RAD
Lead-211	18-1130	AAB4501	0	6	in	SS	<	0.719	0	0	0.719			PCI/G				drainfield	G	19831	37260	RAD
Lead-211	18-1131	AAB4502	0	6	in	SS	<	0.374	0	0	0.374			PCI/G				drainfield	G	19831	37260	RAD
Lead-211	18-1132	AAB4503	0	6	in	SS	<	0.659	0	0	0.659			PCI/G				drainfield	G	19831	37260	RAD
Lead-211	18-1133	AAB4504	0	6	in	SS	<	0.416	0	0	0.416			PCI/G				drainfield	G	19831	37260	RAD
Lead-211	18-1135	AAB4505	0	5	ft	SS	<	0.419	0	0	0.419			PCI/G				drainfield	G	18765	38475	RAD
Lead-211	18-1135	AAB4507	5	10	ft	SS	<	0.409	0	0	0.409			PCI/G				drainfield	G	18765	38475	RAD
Lead-211	18-1135	AAB4509	0	5	ft	SS	<	0.432	0	0	0.432			PCI/G				drainfield	G	18765	38475	RAD
Lead-211	18-1135	AAB4509	5	10	ft	SS	<	0.432	0	0	0.432			PCI/G				drainfield	G	18765	38475	RAD
Lead-211	18-1135	AAB4509	10	12	ft	SS	<	0.432	0	0	0.432			PCI/G				drainfield	G	18765	38475	RAD
Lead-211	18-1135	AAB4510	0	12	ft	W	<	48.4	0	0	48.4			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-211	18-1135	AAB4510	0	12	ft	W	<	43.9	0	0	43.9			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-211	18-1135	AAB4518	0	18	ft	W	<	50	0	0	50			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-211	18-1135	AAB4518	0	18	ft	W	<	51.4	0	0	51.4			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-211	18-1136	AAB4512	0	5	ft	SS	<	0.43	0	0	0.43			PCI/G				drainfield	G	18946	36912	RAD
Lead-211	18-1136	AAB4514	5	8.5	ft	SS	<	0.484	0	0	0.484			PCI/G				drainfield	G	18946	36912	RAD
Lead-211	18-1136	AAB4516	10	25	ft	SS	<	0.345	0	0	0.345			PCI/G				drainfield	G	18946	36912	RAD
Lead-211	18-1136	AAB4517	0	25	ft	W	<	49.7	0	0	49.7			PCI/L				drainfield	G	19004	37230	RAD
Lead-211	18-1136	AAB4517	0	25	ft	W	<	50	0	0	50			PCI/L				drainfield	G	19004	37230	RAD
Lead-211	18-1136	AAB4516	15	20	ft	SS	<	0.345	0	0	0.345			PCI/G				drainfield	G	18946	36912	RAD
Lead-211	18-1136	AAB4516	20	25	ft	SS	<	0.345	0	0	0.345			PCI/G				drainfield	G	18946	36912	RAD
Lead-212	18-1114	AAB4482	0	1	ft	SS		1.567	0.04	0.12	1.447			PCI/G				septic tank	G	19004	37230	RAD
Lead-212	18-1115	AAB4481	0	6	in	SS	<	0.029	0	0	0.029			PCI/G				septic tank	G	19831	37260	RAD
Lead-212	18-1115	AAB4483	0	1	ft	SS		1.5501	0.07	0.21	1.3401			PCI/G				septic tank	G	19054	38489	RAD
Lead-212	18-1116	AAB4485	0	5	ft	SS		1.6538	0.035	0.105	1.5488			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Lead-212	18-1116	AAB4487	0	5	ft	SS		1.7119	0.07	0.21	1.5019			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Lead-212	18-1117	AAB4488	0	5	ft	SS		1.7041	0.07	0.21	1.4941			PCI/G				septic tank-W	G	19054	38489	RAD
Lead-212	18-1126	AAB4500	0	6	in	SS		0.6262	0.06	0.18	0.4462			PCI/G				drainfield	G	19831	37260	RAD
Lead-212	18-1130	AAB4501	0	6	in	SS	<	0.0351	0	0	0.0351			PCI/G				drainfield	G	19831	37260	RAD
Lead-212	18-1131	AAB4502	0	6	in	SS		0.3772	0.05	0.15	0.2272			PCI/G				drainfield	G	19831	37260	RAD
Lead-212	18-1132	AAB4503	0	6	in	SS	<	0.0331	0	0	0.0331			PCI/G				drainfield	G	19831	37260	RAD
Lead-212	18-1133	AAB4504	0	6	in	SS		0.4846	0.05	0.15	0.3346			PCI/G				drainfield	G	19831	37260	RAD
Lead-212	18-1135	AAB4505	0	5	ft	SS		1.3544	0.06	0.18	1.1744			PCI/G				drainfield	G	18765	38475	RAD
Lead-212	18-1135	AAB4507	5	10	ft	SS		1.2953	0.06	0.18	1.1153			PCI/G				drainfield	G	18765	38475	RAD
Lead-212	18-1135	AAB4509	0	5	ft	SS		1.3213	0.06	0.18	1.1413			PCI/G				drainfield	G	18765	38475	RAD
Lead-212	18-1135	AAB4509	5	10	ft	SS		1.3213	0.06	0.18	1.1413			PCI/G				drainfield	G	18765	38475	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Lead-212	18-1135	AAB4509	10	12	ft	SS		1.3213	0.06	0.18	1.1413			PCI/G				drainfield	G	18765	38475	RAD
Lead-212	18-1135	AAB4510	0	12	ft	W	<	6.46	0	0	6.46			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-212	18-1135	AAB4510	0	12	ft	W	<	5.42	0	0	5.42			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-212	18-1135	AAB4518	0	18	ft	W	<	5.2	0	0	5.2			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-212	18-1135	AAB4518	0	18	ft	W	<	5.97	0	0	5.97			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-212	18-1136	AAB4512	0	5	ft	SS		0.9308	0.05	0.15	0.7808			PCI/G				drainfield	G	18946	36912	RAD
Lead-212	18-1136	AAB4514	5	8.5	ft	SS		1.0459	0.06	0.18	0.8659			PCI/G				drainfield	G	18946	36912	RAD
Lead-212	18-1136	AAB4516	10	25	ft	SS		1.3486	0.06	0.18	1.1686			PCI/G				drainfield	G	18946	36912	RAD
Lead-212	18-1136	AAB4517	0	25	ft	W	<	5.38	0	0	5.38			PCI/L				drainfield	G	19004	37230	RAD
Lead-212	18-1136	AAB4517	0	25	ft	W	<	6.37	0	0	6.37			PCI/L				drainfield	G	19004	37230	RAD
Lead-212	18-1136	AAB4516	15	20	ft	SS		1.3486	0.06	0.18	1.1686			PCI/G				drainfield	G	18946	36912	RAD
Lead-212	18-1136	AAB4516	20	25	ft	SS		1.3486	0.06	0.18	1.1686			PCI/G				drainfield	G	18946	36912	RAD
Lead-214	18-1114	AAB4482	0	1	ft	SS		0.8771	0.035	0.105	0.7721			PCI/G				septic tank	G	19004	37230	RAD
Lead-214	18-1115	AAB4481	0	6	in	SS	<	0.0483	0	0	0.0483			PCI/G				septic tank	G	19831	37260	RAD
Lead-214	18-1115	AAB4483	0	1	ft	SS		0.9099	0.06	0.18	0.7299			PCI/G				septic tank	G	19054	38489	RAD
Lead-214	18-1116	AAB4485	0	5	ft	SS		1.1692	0.03	0.09	1.0792			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Lead-214	18-1116	AAB4487	0	5	ft	SS		1.2616	0.06	0.18	1.0816			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Lead-214	18-1117	AAB4488	0	5	ft	SS		1.2548	0.07	0.21	1.0448			PCI/G				septic tank-W	G	19054	38489	RAD
Lead-214	18-1126	AAB4500	0	6	in	SS		0.406	0.06	0.18	0.226			PCI/G				drainfield	G	19831	37260	RAD
Lead-214	18-1130	AAB4501	0	6	in	SS	<	0.0515	0	0	0.0515			PCI/G				drainfield	G	19831	37260	RAD
Lead-214	18-1131	AAB4502	0	6	in	SS		0.1374	0.05	0.15	-0.0126			PCI/G				drainfield	G	19831	37260	RAD
Lead-214	18-1132	AAB4503	0	6	in	SS	<	0.0509	0	0	0.0509			PCI/G				drainfield	G	19831	37260	RAD
Lead-214	18-1133	AAB4504	0	6	in	SS	<	0.065	0	0	0.065			PCI/G				drainfield	G	19831	37260	RAD
Lead-214	18-1135	AAB4505	0	5	ft	SS		1.0941	0.06	0.18	0.9141			PCI/G				drainfield	G	18765	38475	RAD
Lead-214	18-1135	AAB4507	5	10	ft	SS		0.9741	0.06	0.18	0.7941			PCI/G				drainfield	G	18765	38475	RAD
Lead-214	18-1135	AAB4509	0	5	ft	SS		0.9898	0.05	0.15	0.8398			PCI/G				drainfield	G	18765	38475	RAD
Lead-214	18-1135	AAB4509	5	10	ft	SS		0.9898	0.05	0.15	0.8398			PCI/G				drainfield	G	18765	38475	RAD
Lead-214	18-1135	AAB4509	10	12	ft	SS		0.9898	0.05	0.15	0.8398			PCI/G				drainfield	G	18765	38475	RAD
Lead-214	18-1135	AAB4510	0	12	ft	W		16.831	4.07	12.21	4.621			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-214	18-1135	AAB4510	0	12	ft	W		31.621	5.03	15.09	16.531			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-214	18-1135	AAB4518	0	18	ft	W	<	5.37	0	0	5.37			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-214	18-1135	AAB4518	0	18	ft	W	<	5.39	0	0	5.39			PCI/L	FD			drainfield	G	19005	37086	RAD
Lead-214	18-1136	AAB4512	0	5	ft	SS		0.4875	0.05	0.15	0.3375			PCI/G				drainfield	G	18946	36912	RAD
Lead-214	18-1136	AAB4514	5	8.5	ft	SS		0.5478	0.06	0.18	0.3678			PCI/G				drainfield	G	18946	36912	RAD
Lead-214	18-1136	AAB4516	10	25	ft	SS		0.7345	0.05	0.15	0.5845			PCI/G				drainfield	G	18946	36912	RAD
Lead-214	18-1136	AAB4517	0	25	ft	W	<	5.66	0	0	5.66			PCI/L				drainfield	G	19004	37230	RAD
Lead-214	18-1136	AAB4517	0	25	ft	W		16.858	2.275	6.825	10.033			PCI/L				drainfield	G	19004	37230	RAD
Lead-214	18-1136	AAB4516	15	20	ft	SS		0.7345	0.05	0.15	0.5845			PCI/G				drainfield	G	18946	36912	RAD
Lead-214	18-1136	AAB4516	20	25	ft	SS		0.7345	0.05	0.15	0.5845			PCI/G				drainfield	G	18946	36912	RAD
Manganese-54	18-1114	AAB4482	0	1	ft	SS	<	0.0215	0	0	0.0215		3.5	PCI/G				septic tank	G	19004	37230	RAD
Manganese-54	18-1115	AAB4481	0	6	in	SS	<	0.021	0	0	0.021		3.5	PCI/G				septic tank	G	19831	37260	RAD
Manganese-54	18-1115	AAB4483	0	1	ft	SS	<	0.0305	0	0	0.0305		3.5	PCI/G				septic tank	G	19054	38489	RAD
Manganese-54	18-1116	AAB4485	0	5	ft	SS	<	0.0195	0	0	0.0195		3.5	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Manganese-54	18-1116	AAB4487	0	5	ft	SS	<	0.0229	0	0	0.0229		3.5	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Manganese-54	18-1117	AAB4488	0	5	ft	SS	<	0.0216	0	0	0.0216		3.5	PCI/G				septic tank-W	G	19054	38489	RAD
Manganese-54	18-1126	AAB4500	0	6	in	SS	<	0.0228	0	0	0.0228		3.5	PCI/G				drainfield	G	19831	37260	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Manganese-54	18-1130	AAB4501	0	6	in	SS	<	0.0205	0	0	0.0205		3.5	PCI/G				drainfield	G	19831	37260	RAD
Manganese-54	18-1131	AAB4502	0	6	in	SS	<	0.0168	0	0	0.0168		3.5	PCI/G				drainfield	G	19831	37260	RAD
Manganese-54	18-1132	AAB4503	0	6	in	SS	<	0.0279	0	0	0.0279		3.5	PCI/G				drainfield	G	19831	37260	RAD
Manganese-54	18-1133	AAB4504	0	6	in	SS	<	0.0211	0	0	0.0211		3.5	PCI/G				drainfield	G	19831	37260	RAD
Manganese-54	18-1135	AAB4505	0	5	ft	SS	<	0.0204	0	0	0.0204		3.5	PCI/G				drainfield	G	18765	38475	RAD
Manganese-54	18-1135	AAB4507	5	10	ft	SS	<	0.0207	0	0	0.0207		3.5	PCI/G				drainfield	G	18765	38475	RAD
Manganese-54	18-1135	AAB4509	10	12	ft	SS	<	0.0212	0	0	0.0212		3.5	PCI/G				drainfield	G	18765	38475	RAD
Manganese-54	18-1135	AAB4509	5	10	ft	SS	<	0.0212	0	0	0.0212		3.5	PCI/G				drainfield	G	18765	38475	RAD
Manganese-54	18-1135	AAB4509	0	5	ft	SS	<	0.0212	0	0	0.0212		3.5	PCI/G				drainfield	G	18765	38475	RAD
Manganese-54	18-1135	AAB4510	0	12	ft	W	<	1.37	0	0	1.37		2100	PCI/L	FD			drainfield	G	19005	37086	RAD
Manganese-54	18-1135	AAB4510	0	12	ft	W	<	1.46	0	0	1.46		2100	PCI/L	FD			drainfield	G	19005	37086	RAD
Manganese-54	18-1135	AAB4518	0	18	ft	W	<	2.69	0	0	2.69		2100	PCI/L	FD			drainfield	G	19005	37086	RAD
Manganese-54	18-1135	AAB4518	0	18	ft	W	<	1.88	0	0	1.88		2100	PCI/L	FD			drainfield	G	19005	37086	RAD
Manganese-54	18-1136	AAB4512	0	5	ft	SS		0.0365	0.01	0.03	0.0065		3.5	PCI/G				drainfield	G	18946	36912	RAD
Manganese-54	18-1136	AAB4514	5	8.5	ft	SS		0.041	0.01	0.03	0.011		3.5	PCI/G				drainfield	G	18946	36912	RAD
Manganese-54	18-1136	AAB4516	10	25	ft	SS	<	0.0158	0	0	0.0158		3.5	PCI/G				drainfield	G	18946	36912	RAD
Manganese-54	18-1136	AAB4517	0	25	ft	W	<	1.46	0	0	1.46		2100	PCI/L				drainfield	G	19004	37230	RAD
Manganese-54	18-1136	AAB4517	0	25	ft	W	<	2.46	0	0	2.46		2100	PCI/L				drainfield	G	19004	37230	RAD
Manganese-54	18-1136	AAB4516	20	25	ft	SS	<	0.0158	0	0	0.0158		3.5	PCI/G				drainfield	G	18946	36912	RAD
Manganese-54	18-1136	AAB4516	15	20	ft	SS	<	0.0158	0	0	0.0158		3.5	PCI/G				drainfield	G	18946	36912	RAD
Neptunium-237	18-1135	AAB4505	0	5	ft	SS	-	0.031	0.0125	0.0375	-0.0065		1.9	PCI/G				drainfield	G	18765	38475	RAD
Neptunium-237	18-1135	AAB4507	5	10	ft	SS		0.04	0.0175	0.0525	-0.0125		1.9	PCI/G				drainfield	G	18765	38475	RAD
Neptunium-237	18-1135	AAB4509	0	5	ft	SS	-	0.014	0.011	0.033	-0.019		1.9	PCI/G				drainfield	G	18765	38475	RAD
Neptunium-237	18-1135	AAB4509	5	10	ft	SS	-	0.014	0.011	0.033	-0.019		1.9	PCI/G				drainfield	G	18765	38475	RAD
Neptunium-237	18-1135	AAB4509	10	12	ft	SS	-	0.014	0.011	0.033	-0.019		1.9	PCI/G				drainfield	G	18765	38475	RAD
Neptunium-237	18-1135	AAB4732	18	20	ft	SS		0.006	0.0125	0.0375	-0.0315		1.9	PCI/G				drainfield	G	20285	33586	RAD
Neptunium-237	18-1135	AAB4732	20	25	ft	SS		0.006	0.0125	0.0375	-0.0315		1.9	PCI/G				drainfield	G	20285	33586	RAD
Neptunium-237	18-1135	AAB4732	25	30	ft	SS		0.006	0.0125	0.0375	-0.0315		1.9	PCI/G				drainfield	G	20285	33586	RAD
Neptunium-237	18-1135	AAB4732	30	32	ft	SS		0.006	0.0125	0.0375	-0.0315		1.9	PCI/G				drainfield	G	20285	33586	RAD
Plutonium-238	18-1036	AAA5809				W		-0.022	0.03	0.09	-0.112		15	PCI/L					RAS	15891	29452	RAD
Plutonium-238	18-1036	AAA5810				W		0.021	0.03	0.09	-0.069		15	PCI/L	FD				RAS	15891	29452	RAD
Plutonium-238	18-1036	AAA5811				SS		0.167	0.03	0.09	0.077	0.014	27	PCI/G					RAS	15888	29267	RAD
Plutonium-238	18-1036	AAA5812				SS	-	0.0782	0.055	0.165	-0.0868	0.014	27	PCI/G	FD		J		RAS	15892	24228	RAD
Plutonium-238	18-1114	AAB4482	0	1	ft	SS		0.2	0.005	0.015	0.185	0.014	27	PCI/G				septic tank	RAS	19004	37226	RAD
Plutonium-238	18-1115	AAB4481	0	6	in	SS	<	0.1	0	0	0.1	0.014	27	PCI/G				septic tank	RAS	19831	37252	RAD
Plutonium-238	18-1115	AAB4483	0	1	ft	SS		0.03	0.0025	0.0075	0.0225	0.014	27	PCI/G				septic tank	RAS	19054	37482	RAD
Plutonium-238	18-1116	AAB4485	0	5	ft	SS		0.1	0.005	0.015	0.085	0.014	27	PCI/G	FD			septic tank-E	RAS	19004	37226	RAD
Plutonium-238	18-1116	AAB4487	0	5	ft	SS		0.01	0.0015	0.0045	0.0055	0.014	27	PCI/G	FD	D		septic tank-E	RAS	19054	37482	RAD
Plutonium-238	18-1116	AAB4487	0	5	ft	SS		0.04	0.003	0.009	0.031	0.014	27	PCI/G	FD			septic tank-E	RAS	19054	37482	RAD
Plutonium-238	18-1117	AAB4488	0	5	ft	SS		0.05	0.003	0.009	0.041	0.014	27	PCI/G				septic tank-W	RAS	19054	37482	RAD
Plutonium-238	18-1126	AAB4500	0	6	in	SS	<	0.1	0	0	0.1	0.014	27	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-238	18-1126	AAB4500	0	6	in	SS	<	0.1	0	0	0.1	0.014	27	PCI/G		D		drainfield	RAS	19831	37252	RAD
Plutonium-238	18-1130	AAB4501	0	6	in	SS	<	0.1	0	0	0.1	0.014	27	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-238	18-1131	AAB4502	0	6	in	SS	<	0.1	0	0	0.1	0.014	27	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-238	18-1132	AAB4503	0	6	in	SS	<	0.1	0	0	0.1	0.014	27	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-238	18-1133	AAB4504	0	6	in	SS	<	0.1	0	0	0.1	0.014	27	PCI/G				drainfield	RAS	19831	37252	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	18-1135	AAB4505	0	5	ft	SS		0	0.01	0.03	-0.03	0.014	27	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-238	18-1135	AAB4507	5	10	ft	SS		0	0.01	0.03	-0.03	0.014	27	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-238	18-1135	AAB4509	5	10	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-238	18-1135	AAB4509	0	5	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-238	18-1135	AAB4509	10	12	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-238	18-1135	AAB4510	0	12	ft	W		0	0.015	0.045	-0.045		15	PCI/L	FD			drainfield	RAS	19005	37089	RAD
Plutonium-238	18-1135	AAB4511	0	0	ft	W	-	0.02	0.015	0.045	-0.025		15	PCI/L	EB			drainfield	RAS	18765	37515	RAD
Plutonium-238	18-1135	AAB4518	0	18	ft	W		0	0.025	0.075	-0.075		15	PCI/L	FD			drainfield	RAS	19005	37089	RAD
Plutonium-238	18-1135	AAB4732	30	32	ft	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1135	AAB4732	25	30	ft	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1135	AAB4732	18	20	ft	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1135	AAB4732	20	25	ft	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1136	AAB4512	0	5	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-238	18-1136	AAB4514	5	8.5	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-238	18-1136	AAB4516	10	25	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-238	18-1136	AAB4517	0	25	ft	W		0	0.01	0.03	-0.03		15	PCI/L				drainfield	RAS	19004	37226	RAD
Plutonium-238	18-1136	AAB4516	15	20	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-238	18-1136	AAB4516	20	25	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-239	18-1036	AAA5809				W		0	0.02	0.06	-0.06		15	PCI/L					RAS	15891	29452	RAD
Plutonium-239	18-1036	AAA5810				W		-0.006	0.02	0.06	-0.066		15	PCI/L	FD				RAS	15891	29452	RAD
Plutonium-239	18-1036	AAA5811				SS		0.198	0.02	0.06	0.138	0.052	24	PCI/G					RAS	15888	29267	RAD
Plutonium-239	18-1036	AAA5812				SS		0.185	0.092	0.276	-0.091	0.052	24	PCI/G	FD		J		RAS	15892	24228	RAD
Plutonium-239	18-1114	AAB4482	0	1	ft	SS		0.01	0.0015	0.0045	0.0055	0.052	24	PCI/G				septic tank	RAS	19004	37226	RAD
Plutonium-239	18-1115	AAB4481	0	6	in	SS	<	0.1	0	0	0.1	0.052	24	PCI/G				septic tank	RAS	19831	37252	RAD
Plutonium-239	18-1115	AAB4483	0	1	ft	SS		0	0.0005	0.0015	-0.0015	0.052	24	PCI/G			J	septic tank	RAS	19054	37482	RAD
Plutonium-239	18-1116	AAB4485	0	5	ft	SS		0.02	0.0015	0.0045	0.0155	0.052	24	PCI/G	FD			septic tank-E	RAS	19004	37226	RAD
Plutonium-239	18-1116	AAB4487	0	5	ft	SS		0	0.001	0.003	-0.003	0.052	24	PCI/G	FD		J	septic tank-E	RAS	19054	37482	RAD
Plutonium-239	18-1116	AAB4487	0	5	ft	SS		0	0.001	0.003	-0.003	0.052	24	PCI/G	FD	D	J	septic tank-E	RAS	19054	37482	RAD
Plutonium-239	18-1117	AAB4488	0	5	ft	SS		0	0.001	0.003	-0.003	0.052	24	PCI/G			J	septic tank-W	RAS	19054	37482	RAD
Plutonium-239	18-1126	AAB4500	0	6	in	SS	<	0.1	0	0	0.1	0.052	24	PCI/G		D		drainfield	RAS	19831	37252	RAD
Plutonium-239	18-1126	AAB4500	0	6	in	SS	<	0.1	0	0	0.1	0.052	24	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-239	18-1130	AAB4501	0	6	in	SS	<	0.1	0	0	0.1	0.052	24	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-239	18-1131	AAB4502	0	6	in	SS	<	0.1	0	0	0.1	0.052	24	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-239	18-1132	AAB4503	0	6	in	SS	<	0.1	0	0	0.1	0.052	24	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-239	18-1133	AAB4504	0	6	in	SS	<	0.1	0	0	0.1	0.052	24	PCI/G				drainfield	RAS	19831	37252	RAD
Plutonium-239	18-1135	AAB4505	0	5	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-239	18-1135	AAB4507	5	10	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-239	18-1135	AAB4509	0	5	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-239	18-1135	AAB4509	5	10	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-239	18-1135	AAB4509	10	12	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18765	37515	RAD
Plutonium-239	18-1135	AAB4510	0	12	ft	W		0.02	0.01	0.03	-0.01		15	PCI/L	FD			drainfield	RAS	19005	37089	RAD
Plutonium-239	18-1135	AAB4511	0	0	ft	W		0.03	0.01	0.03	0		15	PCI/L	EB			drainfield	RAS	18765	37515	RAD
Plutonium-239	18-1135	AAB4518	0	18	ft	W		0.02	0.01	0.03	-0.01		15	PCI/L	FD			drainfield	RAS	19005	37089	RAD
Plutonium-239	18-1135	AAB4732	20	25	ft	SS		0.01	0.005	0.015	-0.005	0.052	24	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-239	18-1135	AAB4732	18	20	ft	SS		0.01	0.005	0.015	-0.005	0.052	24	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-239	18-1135	AAB4732	25	30	ft	SS		0.01	0.005	0.015	-0.005	0.052	24	PCI/G				drainfield	RAS	19953	33961	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-239	18-1135	AAB4732	30	32	ft	SS		0.01	0.005	0.015	-0.005	0.052	24	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-239	18-1136	AAB4512	0	5	ft	SS		0.01	0.01	0.03	-0.02	0.052	24	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-239	18-1136	AAB4514	5	8.5	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-239	18-1136	AAB4516	10	25	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-239	18-1136	AAB4517	0	25	ft	W		0	0.005	0.015	-0.015		15	PCI/L				drainfield	RAS	19004	37226	RAD
Plutonium-239	18-1136	AAB4516	20	25	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18946	36908	RAD
Plutonium-239	18-1136	AAB4516	15	20	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18946	36908	RAD
Potassium-40	18-1114	AAB4482	0	1	ft	SS		23.548	0.495	1.485	22.063	28.6	12	PCI/G				septic tank	G	19004	37230	RAD
Potassium-40	18-1115	AAB4481	0	6	in	SS	<	0.139	0	0	0.139	28.6	12	PCI/G				septic tank	G	19831	37260	RAD
Potassium-40	18-1115	AAB4483	0	1	ft	SS		22.837	0.94	2.82	20.017	28.6	12	PCI/G				septic tank	G	19054	38489	RAD
Potassium-40	18-1116	AAB4485	0	5	ft	SS		26.77	0.49	1.47	25.3	28.6	12	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Potassium-40	18-1116	AAB4487	0	5	ft	SS		28.736	1.04	3.12	25.616	28.6	12	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Potassium-40	18-1117	AAB4488	0	5	ft	SS		29.455	1.07	3.21	26.245	28.6	12	PCI/G				septic tank-W	G	19054	38489	RAD
Potassium-40	18-1126	AAB4500	0	6	in	SS		25.42	1.08	3.24	22.18	28.6	12	PCI/G				drainfield	G	19831	37260	RAD
Potassium-40	18-1130	AAB4501	0	6	in	SS	<	0.126	0	0	0.126	28.6	12	PCI/G				drainfield	G	19831	37260	RAD
Potassium-40	18-1131	AAB4502	0	6	in	SS		14.362	0.99	2.97	11.392	28.6	12	PCI/G				drainfield	G	19831	37260	RAD
Potassium-40	18-1132	AAB4503	0	6	in	SS		0.2747	0.11	0.33	-0.0553	28.6	12	PCI/G				drainfield	G	19831	37260	RAD
Potassium-40	18-1133	AAB4504	0	6	in	SS		23.842	1.02	3.06	20.782	28.6	12	PCI/G				drainfield	G	19831	37260	RAD
Potassium-40	18-1135	AAB4505	0	5	ft	SS		35.1	0.3905	1.1715	33.9285	28.6	12	PCI/G				drainfield	G	18765	38475	RAD
Potassium-40	18-1135	AAB4507	5	10	ft	SS		32.9	0.4905	1.4715	31.4285	28.6	12	PCI/G				drainfield	G	18765	38475	RAD
Potassium-40	18-1135	AAB4509	10	12	ft	SS		30.3	0.357	1.071	29.229	28.6	12	PCI/G				drainfield	G	18765	38475	RAD
Potassium-40	18-1135	AAB4509	5	10	ft	SS		30.3	0.357	1.071	29.229	28.6	12	PCI/G				drainfield	G	18765	38475	RAD
Potassium-40	18-1135	AAB4509	0	5	ft	SS		30.3	0.357	1.071	29.229	28.6	12	PCI/G				drainfield	G	18765	38475	RAD
Potassium-40	18-1135	AAB4510	0	12	ft	W	<	33.3	0	0	33.3		310	PCI/L	FD			drainfield	G	19005	37086	RAD
Potassium-40	18-1135	AAB4510	0	12	ft	W	<	85.9	0	0	85.9		310	PCI/L	FD			drainfield	G	19005	37086	RAD
Potassium-40	18-1135	AAB4518	0	18	ft	W	<	29.7	0	0	29.7		310	PCI/L	FD			drainfield	G	19005	37086	RAD
Potassium-40	18-1135	AAB4518	0	18	ft	W	<	77.2	0	0	77.2		310	PCI/L	FD			drainfield	G	19005	37086	RAD
Potassium-40	18-1136	AAB4512	0	5	ft	SS		21.041	0.88	2.64	18.401	28.6	12	PCI/G				drainfield	G	18946	36912	RAD
Potassium-40	18-1136	AAB4514	5	8.5	ft	SS		23.642	0.99	2.97	20.672	28.6	12	PCI/G				drainfield	G	18946	36912	RAD
Potassium-40	18-1136	AAB4516	10	25	ft	SS		28.572	1.03	3.09	25.482	28.6	12	PCI/G				drainfield	G	18946	36912	RAD
Potassium-40	18-1136	AAB4517	0	25	ft	W	<	33.5	0	0	33.5		310	PCI/L				drainfield	G	19004	37230	RAD
Potassium-40	18-1136	AAB4517	0	25	ft	W	<	77.5	0	0	77.5		310	PCI/L				drainfield	G	19004	37230	RAD
Potassium-40	18-1136	AAB4516	20	25	ft	SS		28.572	1.03	3.09	25.482	28.6	12	PCI/G				drainfield	G	18946	36912	RAD
Potassium-40	18-1136	AAB4516	15	20	ft	SS		28.572	1.03	3.09	25.482	28.6	12	PCI/G				drainfield	G	18946	36912	RAD
Protactinium-231	18-1114	AAB4482	0	1	ft	SS	<	0.465	0	0	0.465			PCI/G				septic tank	G	19004	37230	RAD
Protactinium-231	18-1115	AAB4481	0	6	in	SS	<	0.563	0	0	0.563			PCI/G				septic tank	G	19831	37260	RAD
Protactinium-231	18-1115	AAB4483	0	1	ft	SS	<	0.667	0	0	0.667			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-231	18-1116	AAB4485	0	5	ft	SS	<	0.423	0	0	0.423			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Protactinium-231	18-1116	AAB4487	0	5	ft	SS	<	0.289	0	0	0.289			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Protactinium-231	18-1117	AAB4488	0	5	ft	SS	<	0.435	0	0	0.435			PCI/G				septic tank-W	G	19054	38489	RAD
Protactinium-231	18-1126	AAB4500	0	6	in	SS	<	0.534	0	0	0.534			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-231	18-1130	AAB4501	0	6	in	SS	<	0.561	0	0	0.561			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-231	18-1131	AAB4502	0	6	in	SS	<	0.411	0	0	0.411			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-231	18-1132	AAB4503	0	6	in	SS	<	0.567	0	0	0.567			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-231	18-1133	AAB4504	0	6	in	SS	<	0.476	0	0	0.476			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-231	18-1135	AAB4505	0	5	ft	SS	<	0.282	0	0	0.282			PCI/G				drainfield	G	18765	38475	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Protactinium-231	18-1135	AAB4507	5	10	ft	SS	<	0.521	0	0	0.521			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-231	18-1135	AAB4509	0	5	ft	SS	<	0.28	0	0	0.28			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-231	18-1135	AAB4509	5	10	ft	SS	<	0.28	0	0	0.28			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-231	18-1135	AAB4509	10	12	ft	SS	<	0.28	0	0	0.28			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-231	18-1135	AAB4510	0	12	ft	W	<	69.4	0	0	69.4			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-231	18-1135	AAB4510	0	12	ft	W	<	59.2	0	0	59.2			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-231	18-1135	AAB4518	0	18	ft	W	<	67.7	0	0	67.7			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-231	18-1135	AAB4518	0	18	ft	W	<	58.3	0	0	58.3			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-231	18-1136	AAB4512	0	5	ft	SS	<	0.503	0	0	0.503			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-231	18-1136	AAB4514	5	8.5	ft	SS	<	0.565	0	0	0.565			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-231	18-1136	AAB4516	10	25	ft	SS	<	0.277	0	0	0.277			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-231	18-1136	AAB4517	0	25	ft	W	<	41.2	0	0	41.2			PCI/L				drainfield	G	19004	37230	RAD
Protactinium-231	18-1136	AAB4517	0	25	ft	W	<	57	0	0	57			PCI/L				drainfield	G	19004	37230	RAD
Protactinium-231	18-1136	AAB4516	20	25	ft	SS	<	0.277	0	0	0.277			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-231	18-1136	AAB4516	15	20	ft	SS	<	0.277	0	0	0.277			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-234	18-1114	AAB4482	0	1	ft	SS	<	0.0763	0	0	0.0763			PCI/G				septic tank	G	19004	37230	RAD
Protactinium-234	18-1115	AAB4481	0	6	in	SS	<	0.117	0	0	0.117			PCI/G				septic tank	G	19831	37260	RAD
Protactinium-234	18-1115	AAB4483	0	1	ft	SS	<	0.0662	0	0	0.0662			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234	18-1116	AAB4485	0	5	ft	SS	<	0.13	0	0	0.13			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Protactinium-234	18-1116	AAB4487	0	5	ft	SS	<	0.112	0	0	0.112			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Protactinium-234	18-1117	AAB4488	0	5	ft	SS	<	0.113	0	0	0.113			PCI/G				septic tank-W	G	19054	38489	RAD
Protactinium-234	18-1126	AAB4500	0	6	in	SS	<	0.151	0	0	0.151			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234	18-1130	AAB4501	0	6	in	SS	<	0.14	0	0	0.14			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234	18-1131	AAB4502	0	6	in	SS	<	0.134	0	0	0.134			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234	18-1132	AAB4503	0	6	in	SS	<	0.152	0	0	0.152			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234	18-1133	AAB4504	0	6	in	SS	<	0.116	0	0	0.116			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234	18-1135	AAB4505	0	5	ft	SS	<	0.152	0	0	0.152			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234	18-1135	AAB4507	5	10	ft	SS	<	0.128	0	0	0.128			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234	18-1135	AAB4509	0	5	ft	SS		0.2657	0.13	0.39	-0.1243			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234	18-1135	AAB4509	5	10	ft	SS		0.2657	0.13	0.39	-0.1243			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234	18-1135	AAB4509	10	12	ft	SS		0.2657	0.13	0.39	-0.1243			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234	18-1135	AAB4510	0	12	ft	W	<	17.4	0	0	17.4			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-234	18-1135	AAB4510	0	12	ft	W	<	14	0	0	14			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-234	18-1135	AAB4518	0	18	ft	W	<	17.2	0	0	17.2			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-234	18-1135	AAB4518	0	18	ft	W	<	13.4	0	0	13.4			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-234	18-1136	AAB4517	0	25	ft	W	<	13.1	0	0	13.1			PCI/L				drainfield	G	19004	37230	RAD
Protactinium-234	18-1136	AAB4517	0	25	ft	W	<	18.5	0	0	18.5			PCI/L				drainfield	G	19004	37230	RAD
Protactinium-234M	18-1114	AAB4482	0	1	ft	SS		9.7802	1.92	5.76	4.0202			PCI/G				septic tank	G	19004	37230	RAD
Protactinium-234M	18-1115	AAB4481	0	6	in	SS	<	2.6	0	0	2.6			PCI/G				septic tank	G	19831	37260	RAD
Protactinium-234M	18-1115	AAB4483	0	1	ft	SS	<	3.35	0	0	3.35			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234M	18-1116	AAB4485	0	5	ft	SS		7.7323	1.385	4.155	3.5773			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Protactinium-234M	18-1116	AAB4487	0	5	ft	SS	<	2.66	0	0	2.66			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Protactinium-234M	18-1117	AAB4488	0	5	ft	SS	<	3.28	0	0	3.28			PCI/G				septic tank-W	G	19054	38489	RAD
Protactinium-234M	18-1126	AAB4500	0	6	in	SS	<	3.19	0	0	3.19			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234M	18-1130	AAB4501	0	6	in	SS	<	2.67	0	0	2.67			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234M	18-1131	AAB4502	0	6	in	SS	<	2.26	0	0	2.26			PCI/G				drainfield	G	19831	37260	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Protactinium-234M	18-1132	AAB4503	0	6	in	SS	<	1.19	0	0	1.19			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234M	18-1133	AAB4504	0	6	in	SS	<	3.69	0	0	3.69			PCI/G				drainfield	G	19831	37260	RAD
Protactinium-234M	18-1135	AAB4505	0	5	ft	SS	<	3.4	0	0	3.4			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234M	18-1135	AAB4507	5	10	ft	SS		11.196	4.46	13.38	-2.184			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234M	18-1135	AAB4509	0	5	ft	SS	<	1.66	0	0	1.66			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234M	18-1135	AAB4509	5	10	ft	SS	<	1.66	0	0	1.66			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234M	18-1135	AAB4509	10	12	ft	SS	<	1.66	0	0	1.66			PCI/G				drainfield	G	18765	38475	RAD
Protactinium-234M	18-1135	AAB4510	0	12	ft	W	<	336	0	0	336			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-234M	18-1135	AAB4510	0	12	ft	W	<	295	0	0	295			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-234M	18-1135	AAB4518	0	18	ft	W	<	328	0	0	328			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-234M	18-1135	AAB4518	0	18	ft	W	<	356	0	0	356			PCI/L	FD			drainfield	G	19005	37086	RAD
Protactinium-234M	18-1136	AAB4512	0	5	ft	SS	<	3.19	0	0	3.19			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-234M	18-1136	AAB4514	5	8.5	ft	SS	<	3.59	0	0	3.59			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-234M	18-1136	AAB4516	10	25	ft	SS	<	2.93	0	0	2.93			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-234M	18-1136	AAB4517	0	25	ft	W	<	229	0	0	229			PCI/L				drainfield	G	19004	37230	RAD
Protactinium-234M	18-1136	AAB4517	0	25	ft	W	<	302	0	0	302			PCI/L				drainfield	G	19004	37230	RAD
Protactinium-234M	18-1136	AAB4516	15	20	ft	SS	<	2.93	0	0	2.93			PCI/G				drainfield	G	18946	36912	RAD
Protactinium-234M	18-1136	AAB4516	20	25	ft	SS	<	2.93	0	0	2.93			PCI/G				drainfield	G	18946	36912	RAD
Radium-223	18-1114	AAB4482	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19004	37230	RAD
Radium-223	18-1115	AAB4481	0	6	in	SS	<	0.0889	0	0	0.0889			PCI/G				septic tank	G	19831	37260	RAD
Radium-223	18-1115	AAB4483	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Radium-223	18-1116	AAB4485	0	5	ft	SS	<	0.189	0	0	0.189			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Radium-223	18-1116	AAB4487	0	5	ft	SS		0.3745	0.16	0.48	-0.1055			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Radium-223	18-1117	AAB4488	0	5	ft	SS	<	0.18	0	0	0.18			PCI/G				septic tank-W	G	19054	38489	RAD
Radium-223	18-1126	AAB4500	0	6	in	SS	<	0.208	0	0	0.208			PCI/G				drainfield	G	19831	37260	RAD
Radium-223	18-1130	AAB4501	0	6	in	SS	<	0.0664	0	0	0.0664			PCI/G				drainfield	G	19831	37260	RAD
Radium-223	18-1131	AAB4502	0	6	in	SS	<	0.102	0	0	0.102			PCI/G				drainfield	G	19831	37260	RAD
Radium-223	18-1132	AAB4503	0	6	in	SS	<	0.117	0	0	0.117			PCI/G				drainfield	G	19831	37260	RAD
Radium-223	18-1133	AAB4504	0	6	in	SS	<	0.203	0	0	0.203			PCI/G				drainfield	G	19831	37260	RAD
Radium-223	18-1135	AAB4505	0	5	ft	SS	<	0.202	0	0	0.202			PCI/G				drainfield	G	18765	38475	RAD
Radium-223	18-1135	AAB4507	5	10	ft	SS	<	0.169	0	0	0.169			PCI/G				drainfield	G	18765	38475	RAD
Radium-223	18-1135	AAB4509	0	5	ft	SS		0.5105	0.2	0.6	-0.0895			PCI/G				drainfield	G	18765	38475	RAD
Radium-223	18-1135	AAB4509	5	10	ft	SS		0.5105	0.2	0.6	-0.0895			PCI/G				drainfield	G	18765	38475	RAD
Radium-223	18-1135	AAB4509	10	12	ft	SS		0.5105	0.2	0.6	-0.0895			PCI/G				drainfield	G	18765	38475	RAD
Radium-223	18-1135	AAB4510	0	12	ft	W	<	17.7	0	0	17.7			PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-223	18-1135	AAB4510	0	12	ft	W	<	22.9	0	0	22.9			PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-223	18-1135	AAB4518	0	18	ft	W	<	20.9	0	0	20.9			PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-223	18-1135	AAB4518	0	18	ft	W	<	21.3	0	0	21.3			PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-223	18-1136	AAB4512	0	5	ft	SS	<	0	0	0	0			PCI/G				drainfield	G	18946	36912	RAD
Radium-223	18-1136	AAB4514	5	8.5	ft	SS	<	0	0	0	0			PCI/G				drainfield	G	18946	36912	RAD
Radium-223	18-1136	AAB4516	10	25	ft	SS	<	0.157	0	0	0.157			PCI/G				drainfield	G	18946	36912	RAD
Radium-223	18-1136	AAB4517	0	25	ft	W	<	24.7	0	0	24.7			PCI/L				drainfield	G	19004	37230	RAD
Radium-223	18-1136	AAB4517	0	25	ft	W	<	20.7	0	0	20.7			PCI/L				drainfield	G	19004	37230	RAD
Radium-223	18-1136	AAB4516	15	20	ft	SS	<	0.157	0	0	0.157			PCI/G				drainfield	G	18946	36912	RAD
Radium-223	18-1136	AAB4516	20	25	ft	SS	<	0.157	0	0	0.157			PCI/G				drainfield	G	18946	36912	RAD
Radium-224	18-1114	AAB4482	0	1	ft	SS		1.8587	0.205	0.615	1.2437			PCI/G				septic tank	G	19004	37230	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Radium-224	18-1115	AAB4481	0	6	in	SS	<	0.242	0	0	0.242			PCI/G				septic tank	G	19831	37260	RAD
Radium-224	18-1115	AAB4483	0	1	ft	SS		2.4928	0.39	1.17	1.3228			PCI/G				septic tank	G	19054	38489	RAD
Radium-224	18-1116	AAB4485	0	5	ft	SS		2.3636	0.175	0.525	1.8386			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Radium-224	18-1116	AAB4487	0	5	ft	SS		2.7431	0.37	1.11	1.6331			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Radium-224	18-1117	AAB4488	0	5	ft	SS		2.7668	0.37	1.11	1.6568			PCI/G				septic tank-W	G	19054	38489	RAD
Radium-224	18-1126	AAB4500	0	6	in	SS		5.8056	0.54	1.62	4.1856			PCI/G				drainfield	G	19831	37260	RAD
Radium-224	18-1130	AAB4501	0	6	in	SS	<	0.317	0	0	0.317			PCI/G				drainfield	G	19831	37260	RAD
Radium-224	18-1131	AAB4502	0	6	in	SS		3.0621	0.48	1.44	1.6221			PCI/G				drainfield	G	19831	37260	RAD
Radium-224	18-1132	AAB4503	0	6	in	SS	<	0.291	0	0	0.291			PCI/G				drainfield	G	19831	37260	RAD
Radium-224	18-1133	AAB4504	0	6	in	SS		5.5757	0.5	1.5	4.0757			PCI/G				drainfield	G	19831	37260	RAD
Radium-224	18-1135	AAB4505	0	5	ft	SS		2.463	0.38	1.14	1.323			PCI/G				drainfield	G	18765	38475	RAD
Radium-224	18-1135	AAB4507	5	10	ft	SS		2.3565	0.36	1.08	1.2765			PCI/G				drainfield	G	18765	38475	RAD
Radium-224	18-1135	AAB4509	0	5	ft	SS		2.4721	0.39	1.17	1.3021			PCI/G				drainfield	G	18765	38475	RAD
Radium-224	18-1135	AAB4509	5	10	ft	SS		2.4721	0.39	1.17	1.3021			PCI/G				drainfield	G	18765	38475	RAD
Radium-224	18-1135	AAB4509	10	12	ft	SS		2.4721	0.39	1.17	1.3021			PCI/G				drainfield	G	18765	38475	RAD
Radium-224	18-1135	AAB4510	0	12	ft	W	<	51.6	0	0	51.6			PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-224	18-1135	AAB4510	0	12	ft	W	<	47.8	0	0	47.8			PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-224	18-1135	AAB4518	0	18	ft	W	<	44.2	0	0	44.2			PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-224	18-1135	AAB4518	0	18	ft	W	<	45	0	0	45			PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-224	18-1136	AAB4512	0	5	ft	SS		1.5802	0.31	0.93	0.6502			PCI/G				drainfield	G	18946	36912	RAD
Radium-224	18-1136	AAB4514	5	8.5	ft	SS		1.7756	0.35	1.05	0.7256			PCI/G				drainfield	G	18946	36912	RAD
Radium-224	18-1136	AAB4516	10	25	ft	SS		1.8472	0.32	0.96	0.8872			PCI/G				drainfield	G	18946	36912	RAD
Radium-224	18-1136	AAB4517	0	25	ft	W	<	50.8	0	0	50.8			PCI/L				drainfield	G	19004	37230	RAD
Radium-224	18-1136	AAB4517	0	25	ft	W	<	47.6	0	0	47.6			PCI/L				drainfield	G	19004	37230	RAD
Radium-224	18-1136	AAB4516	20	25	ft	SS		1.8472	0.32	0.96	0.8872			PCI/G				drainfield	G	18946	36912	RAD
Radium-224	18-1136	AAB4516	15	20	ft	SS		1.8472	0.32	0.96	0.8872			PCI/G				drainfield	G	18946	36912	RAD
Radium-226	18-1114	AAB4482	0	1	ft	SS		2.5751	0.23	0.69	1.8851		0.1	PCI/G			J	septic tank	G	19004	37230	RAD
Radium-226	18-1115	AAB4481	0	6	in	SS	<	0.255	0	0	0.255		0.1	PCI/G			J	septic tank	G	19831	37260	RAD
Radium-226	18-1115	AAB4483	0	1	ft	SS		2.8229	0.47	1.41	1.4129		0.1	PCI/G				septic tank	G	19054	38489	RAD
Radium-226	18-1116	AAB4485	0	5	ft	SS		5.1693	0.245	0.735	4.4343		0.1	PCI/G	FD		J	septic tank-E	G	19004	37230	RAD
Radium-226	18-1116	AAB4487	0	5	ft	SS		5.3411	0.4	1.2	4.1411		0.1	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Radium-226	18-1117	AAB4488	0	5	ft	SS		4.8416	0.44	1.32	3.5216		0.1	PCI/G				septic tank-W	G	19054	38489	RAD
Radium-226	18-1126	AAB4500	0	6	in	SS		1.2735	0.61	1.83	-0.5565		0.1	PCI/G			J	drainfield	G	19831	37260	RAD
Radium-226	18-1130	AAB4501	0	6	in	SS	<	0.297	0	0	0.297		0.1	PCI/G			J	drainfield	G	19831	37260	RAD
Radium-226	18-1131	AAB4502	0	6	in	SS	<	0.42	0	0	0.42		0.1	PCI/G			J	drainfield	G	19831	37260	RAD
Radium-226	18-1132	AAB4503	0	6	in	SS	<	0.295	0	0	0.295		0.1	PCI/G			J	drainfield	G	19831	37260	RAD
Radium-226	18-1133	AAB4504	0	6	in	SS	<	0.463	0	0	0.463		0.1	PCI/G			J	drainfield	G	19831	37260	RAD
Radium-226	18-1135	AAB4505	0	5	ft	SS		6.5537	0.46	1.38	5.1737		0.1	PCI/G				drainfield	G	18765	38475	RAD
Radium-226	18-1135	AAB4507	5	10	ft	SS		2.2568	0.34	1.02	1.2368		0.1	PCI/G				drainfield	G	18765	38475	RAD
Radium-226	18-1135	AAB4509	0	5	ft	SS		2.5206	0.44	1.32	1.2006		0.1	PCI/G				drainfield	G	18765	38475	RAD
Radium-226	18-1135	AAB4509	5	10	ft	SS		2.5206	0.44	1.32	1.2006		0.1	PCI/G				drainfield	G	18765	38475	RAD
Radium-226	18-1135	AAB4509	10	12	ft	SS		2.5206	0.44	1.32	1.2006		0.1	PCI/G				drainfield	G	18765	38475	RAD
Radium-226	18-1135	AAB4510	0	12	ft	W	<	53.8	0	0	53.8		20	PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-226	18-1135	AAB4510	0	12	ft	W	<	50.3	0	0	50.3		20	PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-226	18-1135	AAB4518	0	18	ft	W	<	52.3	0	0	52.3		20	PCI/L	FD			drainfield	G	19005	37086	RAD
Radium-226	18-1135	AAB4518	0	18	ft	W	<	49.9	0	0	49.9		20	PCI/L	FD			drainfield	G	19005	37086	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Radium-226	18-1136	AAB4512	0	5	ft	SS		1.2315	0.32	0.96	0.2715		0.1	PCI/G			J	drainfield	G	18946	36912	RAD
Radium-226	18-1136	AAB4514	5	8.5	ft	SS		1.3838	0.36	1.08	0.3038		0.1	PCI/G			J	drainfield	G	18946	36912	RAD
Radium-226	18-1136	AAB4516	10	25	ft	SS		1.9701	0.39	1.17	0.8001		0.1	PCI/G			J	drainfield	G	18946	36912	RAD
Radium-226	18-1136	AAB4517	0	25	ft	W	<	54.7	0	0	54.7		20	PCI/L				drainfield	G	19004	37230	RAD
Radium-226	18-1136	AAB4517	0	25	ft	W	<	51.2	0	0	51.2		20	PCI/L				drainfield	G	19004	37230	RAD
Radium-226	18-1136	AAB4516	20	25	ft	SS		1.9701	0.39	1.17	0.8001		0.1	PCI/G			J	drainfield	G	18946	36912	RAD
Radium-226	18-1136	AAB4516	15	20	ft	SS		1.9701	0.39	1.17	0.8001		0.1	PCI/G			J	drainfield	G	18946	36912	RAD
Radon-219	18-1114	AAB4482	0	1	ft	SS	<	0.249	0	0	0.249			PCI/G				septic tank	G	19004	37230	RAD
Radon-219	18-1115	AAB4481	0	6	in	SS	<	0.327	0	0	0.327			PCI/G				septic tank	G	19831	37260	RAD
Radon-219	18-1115	AAB4483	0	1	ft	SS	<	0.27	0	0	0.27			PCI/G				septic tank	G	19054	38489	RAD
Radon-219	18-1116	AAB4485	0	5	ft	SS	<	0.201	0	0	0.201			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Radon-219	18-1116	AAB4487	0	5	ft	SS	<	0.187	0	0	0.187			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Radon-219	18-1117	AAB4488	0	5	ft	SS	<	0.192	0	0	0.192			PCI/G				septic tank-W	G	19054	38489	RAD
Radon-219	18-1126	AAB4500	0	6	in	SS	<	0.239	0	0	0.239			PCI/G				drainfield	G	19831	37260	RAD
Radon-219	18-1130	AAB4501	0	6	in	SS	<	0.407	0	0	0.407			PCI/G				drainfield	G	19831	37260	RAD
Radon-219	18-1131	AAB4502	0	6	in	SS	<	0.188	0	0	0.188			PCI/G				drainfield	G	19831	37260	RAD
Radon-219	18-1132	AAB4503	0	6	in	SS	<	0.343	0	0	0.343			PCI/G				drainfield	G	19831	37260	RAD
Radon-219	18-1133	AAB4504	0	6	in	SS	<	0.235	0	0	0.235			PCI/G				drainfield	G	19831	37260	RAD
Radon-219	18-1135	AAB4505	0	5	ft	SS	<	0.244	0	0	0.244			PCI/G				drainfield	G	18765	38475	RAD
Radon-219	18-1135	AAB4507	5	10	ft	SS	<	0.242	0	0	0.242			PCI/G				drainfield	G	18765	38475	RAD
Radon-219	18-1135	AAB4509	0	5	ft	SS	<	0.231	0	0	0.231			PCI/G				drainfield	G	18765	38475	RAD
Radon-219	18-1135	AAB4509	5	10	ft	SS	<	0.231	0	0	0.231			PCI/G				drainfield	G	18765	38475	RAD
Radon-219	18-1135	AAB4509	10	12	ft	SS	<	0.231	0	0	0.231			PCI/G				drainfield	G	18765	38475	RAD
Radon-219	18-1135	AAB4510	0	12	ft	W	<	11.9	0	0	11.9			PCI/L	FD			drainfield	G	19005	37086	RAD
Radon-219	18-1135	AAB4510	0	12	ft	W	<	16.8	0	0	16.8			PCI/L	FD			drainfield	G	19005	37086	RAD
Radon-219	18-1135	AAB4518	0	18	ft	W	<	28.6	0	0	28.6			PCI/L	FD			drainfield	G	19005	37086	RAD
Radon-219	18-1135	AAB4518	0	18	ft	W	<	12.3	0	0	12.3			PCI/L	FD			drainfield	G	19005	37086	RAD
Radon-219	18-1136	AAB4512	0	5	ft	SS	<	0.249	0	0	0.249			PCI/G				drainfield	G	18946	36912	RAD
Radon-219	18-1136	AAB4514	5	8.5	ft	SS	<	0.28	0	0	0.28			PCI/G				drainfield	G	18946	36912	RAD
Radon-219	18-1136	AAB4516	10	25	ft	SS	<	0.189	0	0	0.189			PCI/G				drainfield	G	18946	36912	RAD
Radon-219	18-1136	AAB4517	0	25	ft	W	<	28.7	0	0	28.7			PCI/L				drainfield	G	19004	37230	RAD
Radon-219	18-1136	AAB4517	0	25	ft	W	<	26.3	0	0	26.3			PCI/L				drainfield	G	19004	37230	RAD
Radon-219	18-1136	AAB4516	20	25	ft	SS	<	0.189	0	0	0.189			PCI/G				drainfield	G	18946	36912	RAD
Radon-219	18-1136	AAB4516	15	20	ft	SS	<	0.189	0	0	0.189			PCI/G				drainfield	G	18946	36912	RAD
Ruthenium-106	18-1114	AAB4482	0	1	ft	SS	<	0.18	0	0	0.18		13	PCI/G				septic tank	G	19004	37230	RAD
Ruthenium-106	18-1115	AAB4481	0	6	in	SS	<	0.229	0	0	0.229		13	PCI/G				septic tank	G	19831	37260	RAD
Ruthenium-106	18-1115	AAB4483	0	1	ft	SS	<	0.138	0	0	0.138		13	PCI/G				septic tank	G	19054	38489	RAD
Ruthenium-106	18-1116	AAB4485	0	5	ft	SS	<	0.18	0	0	0.18		13	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Ruthenium-106	18-1116	AAB4487	0	5	ft	SS	<	0.112	0	0	0.112		13	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Ruthenium-106	18-1117	AAB4488	0	5	ft	SS	<	0.193	0	0	0.193		13	PCI/G				septic tank-W	G	19054	38489	RAD
Ruthenium-106	18-1126	AAB4500	0	6	in	SS	<	0.191	0	0	0.191		13	PCI/G				drainfield	G	19831	37260	RAD
Ruthenium-106	18-1130	AAB4501	0	6	in	SS	<	0.237	0	0	0.237		13	PCI/G				drainfield	G	19831	37260	RAD
Ruthenium-106	18-1131	AAB4502	0	6	in	SS	<	0.177	0	0	0.177		13	PCI/G				drainfield	G	19831	37260	RAD
Ruthenium-106	18-1132	AAB4503	0	6	in	SS	<	0.126	0	0	0.126		13	PCI/G				drainfield	G	19831	37260	RAD
Ruthenium-106	18-1133	AAB4504	0	6	in	SS	<	0.174	0	0	0.174		13	PCI/G				drainfield	G	19831	37260	RAD
Ruthenium-106	18-1135	AAB4505	0	5	ft	SS		0.199	0.1305	0.3915	-0.1925		13	PCI/G				drainfield	G	18765	38475	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Ruthenium-106	18-1135	AAB4507	5	10	ft	SS		0.419	0.1525	0.4575	-0.0385		13	PCI/G				drainfield	G	18765	38475	RAD
Ruthenium-106	18-1135	AAB4509	0	5	ft	SS		0.103	0.1215	0.3645	-0.2615		13	PCI/G				drainfield	G	18765	38475	RAD
Ruthenium-106	18-1135	AAB4509	5	10	ft	SS		0.103	0.1215	0.3645	-0.2615		13	PCI/G				drainfield	G	18765	38475	RAD
Ruthenium-106	18-1135	AAB4509	10	12	ft	SS		0.103	0.1215	0.3645	-0.2615		13	PCI/G				drainfield	G	18765	38475	RAD
Ruthenium-106	18-1135	AAB4510	0	12	ft	W	<	16.1	0	0	16.1		210	PCI/L	FD			drainfield	G	19005	37086	RAD
Ruthenium-106	18-1135	AAB4510	0	12	ft	W	<	19.2	0	0	19.2		210	PCI/L	FD			drainfield	G	19005	37086	RAD
Ruthenium-106	18-1135	AAB4518	0	18	ft	W	<	20.6	0	0	20.6		210	PCI/L	FD			drainfield	G	19005	37086	RAD
Ruthenium-106	18-1135	AAB4518	0	18	ft	W	<	20.5	0	0	20.5		210	PCI/L	FD			drainfield	G	19005	37086	RAD
Ruthenium-106	18-1135	AAB4732	20	25	ft	SS		0.064	0.0905	0.2715	-0.2075		13	PCI/G				drainfield	G	20285	33586	RAD
Ruthenium-106	18-1135	AAB4732	25	30	ft	SS		0.064	0.0905	0.2715	-0.2075		13	PCI/G				drainfield	G	20285	33586	RAD
Ruthenium-106	18-1135	AAB4732	30	32	ft	SS		0.064	0.0905	0.2715	-0.2075		13	PCI/G				drainfield	G	20285	33586	RAD
Ruthenium-106	18-1135	AAB4732	18	20	ft	SS		0.064	0.0905	0.2715	-0.2075		13	PCI/G				drainfield	G	20285	33586	RAD
Ruthenium-106	18-1136	AAB4512	0	5	ft	SS	<	0.144	0	0	0.144		13	PCI/G				drainfield	G	18946	36912	RAD
Ruthenium-106	18-1136	AAB4514	5	8.5	ft	SS	<	0.162	0	0	0.162		13	PCI/G				drainfield	G	18946	36912	RAD
Ruthenium-106	18-1136	AAB4516	10	25	ft	SS	<	0.138	0	0	0.138		13	PCI/G				drainfield	G	18946	36912	RAD
Ruthenium-106	18-1136	AAB4517	0	25	ft	W	<	12.9	0	0	12.9		210	PCI/L				drainfield	G	19004	37230	RAD
Ruthenium-106	18-1136	AAB4517	0	25	ft	W	<	22.8	0	0	22.8		210	PCI/L				drainfield	G	19004	37230	RAD
Ruthenium-106	18-1136	AAB4516	20	25	ft	SS	<	0.138	0	0	0.138		13	PCI/G				drainfield	G	18946	36912	RAD
Ruthenium-106	18-1136	AAB4516	15	20	ft	SS	<	0.138	0	0	0.138		13	PCI/G				drainfield	G	18946	36912	RAD
Sodium-22	18-1114	AAB4482	0	1	ft	SS	<	0.008	0	0	0.008		1.3	PCI/G				septic tank	G	19004	37230	RAD
Sodium-22	18-1115	AAB4481	0	6	in	SS	<	0.0171	0	0	0.0171		1.3	PCI/G				septic tank	G	19831	37260	RAD
Sodium-22	18-1115	AAB4483	0	1	ft	SS	<	0.0231	0	0	0.0231		1.3	PCI/G				septic tank	G	19054	38489	RAD
Sodium-22	18-1116	AAB4485	0	5	ft	SS	<	0.0139	0	0	0.0139		1.3	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Sodium-22	18-1116	AAB4487	0	5	ft	SS	<	0.0181	0	0	0.0181		1.3	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Sodium-22	18-1117	AAB4488	0	5	ft	SS	<	0.0136	0	0	0.0136		1.3	PCI/G				septic tank-W	G	19054	38489	RAD
Sodium-22	18-1126	AAB4500	0	6	in	SS	<	0.0138	0	0	0.0138		1.3	PCI/G				drainfield	G	19831	37260	RAD
Sodium-22	18-1130	AAB4501	0	6	in	SS	<	0.0155	0	0	0.0155		1.3	PCI/G				drainfield	G	19831	37260	RAD
Sodium-22	18-1131	AAB4502	0	6	in	SS	<	0.0152	0	0	0.0152		1.3	PCI/G				drainfield	G	19831	37260	RAD
Sodium-22	18-1132	AAB4503	0	6	in	SS	<	0.0221	0	0	0.0221		1.3	PCI/G				drainfield	G	19831	37260	RAD
Sodium-22	18-1133	AAB4504	0	6	in	SS	<	0.0124	0	0	0.0124		1.3	PCI/G				drainfield	G	19831	37260	RAD
Sodium-22	18-1135	AAB4505	0	5	ft	SS	-	0.002	0.0125	0.0375	-0.0355		1.3	PCI/G				drainfield	G	18765	38475	RAD
Sodium-22	18-1135	AAB4507	5	10	ft	SS		0.012	0.016	0.048	-0.036		1.3	PCI/G				drainfield	G	18765	38475	RAD
Sodium-22	18-1135	AAB4509	10	12	ft	SS		0.002	0.011	0.033	-0.031		1.3	PCI/G				drainfield	G	18765	38475	RAD
Sodium-22	18-1135	AAB4509	5	10	ft	SS		0.002	0.011	0.033	-0.031		1.3	PCI/G				drainfield	G	18765	38475	RAD
Sodium-22	18-1135	AAB4509	0	5	ft	SS		0.002	0.011	0.033	-0.031		1.3	PCI/G				drainfield	G	18765	38475	RAD
Sodium-22	18-1135	AAB4510	0	12	ft	W	<	1.87	0	0	1.87		500	PCI/L	FD			drainfield	G	19005	37086	RAD
Sodium-22	18-1135	AAB4510	0	12	ft	W	<	1.1	0	0	1.1		500	PCI/L	FD			drainfield	G	19005	37086	RAD
Sodium-22	18-1135	AAB4518	0	18	ft	W	<	1.34	0	0	1.34		500	PCI/L	FD			drainfield	G	19005	37086	RAD
Sodium-22	18-1135	AAB4518	0	18	ft	W	<	0.839	0	0	0.839		500	PCI/L	FD			drainfield	G	19005	37086	RAD
Sodium-22	18-1135	AAB4732	25	30	ft	SS		0.006	0.01	0.03	-0.024		1.3	PCI/G				drainfield	G	20285	33586	RAD
Sodium-22	18-1135	AAB4732	20	25	ft	SS		0.006	0.01	0.03	-0.024		1.3	PCI/G				drainfield	G	20285	33586	RAD
Sodium-22	18-1135	AAB4732	18	20	ft	SS		0.006	0.01	0.03	-0.024		1.3	PCI/G				drainfield	G	20285	33586	RAD
Sodium-22	18-1135	AAB4732	30	32	ft	SS		0.006	0.01	0.03	-0.024		1.3	PCI/G				drainfield	G	20285	33586	RAD
Sodium-22	18-1136	AAB4512	0	5	ft	SS	<	0.0198	0	0	0.0198		1.3	PCI/G				drainfield	G	18946	36912	RAD
Sodium-22	18-1136	AAB4514	5	8.5	ft	SS	<	0.0222	0	0	0.0222		1.3	PCI/G				drainfield	G	18946	36912	RAD
Sodium-22	18-1136	AAB4516	10	25	ft	SS	<	0.0197	0	0	0.0197		1.3	PCI/G				drainfield	G	18946	36912	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Sodium-22	18-1136	AAB4517	0	25	ft	W	<	0.849	0	0	0.849		500	PCI/L				drainfield	G	19004	37230	RAD
Sodium-22	18-1136	AAB4517	0	25	ft	W	<	0.68	0	0	0.68		500	PCI/L				drainfield	G	19004	37230	RAD
Sodium-22	18-1136	AAB4516	20	25	ft	SS	<	0.0197	0	0	0.0197		1.3	PCI/G				drainfield	G	18946	36912	RAD
Sodium-22	18-1136	AAB4516	15	20	ft	SS	<	0.0197	0	0	0.0197		1.3	PCI/G				drainfield	G	18946	36912	RAD
Thallium-208	18-1114	AAB4482	0	1	ft	SS		0.4599	0.02	0.06	0.3999			PCI/G				septic tank	G	19004	37230	RAD
Thallium-208	18-1115	AAB4481	0	6	in	SS	<	0.017	0	0	0.017			PCI/G				septic tank	G	19831	37260	RAD
Thallium-208	18-1115	AAB4483	0	1	ft	SS		0.5064	0.03	0.09	0.4164			PCI/G				septic tank	G	19054	38489	RAD
Thallium-208	18-1116	AAB4485	0	5	ft	SS		0.5442	0.015	0.045	0.4992			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Thallium-208	18-1116	AAB4487	0	5	ft	SS		0.5831	0.03	0.09	0.4931			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Thallium-208	18-1117	AAB4488	0	5	ft	SS		0.5406	0.03	0.09	0.4506			PCI/G				septic tank-W	G	19054	38489	RAD
Thallium-208	18-1126	AAB4500	0	6	in	SS		0.3209	0.04	0.12	0.2009			PCI/G				drainfield	G	19831	37260	RAD
Thallium-208	18-1130	AAB4501	0	6	in	SS	<	0.0172	0	0	0.0172			PCI/G				drainfield	G	19831	37260	RAD
Thallium-208	18-1131	AAB4502	0	6	in	SS	<	0.0331	0	0	0.0331			PCI/G				drainfield	G	19831	37260	RAD
Thallium-208	18-1132	AAB4503	0	6	in	SS	<	0.0166	0	0	0.0166			PCI/G				drainfield	G	19831	37260	RAD
Thallium-208	18-1133	AAB4504	0	6	in	SS		0.255	0.04	0.12	0.135			PCI/G				drainfield	G	19831	37260	RAD
Thallium-208	18-1135	AAB4505	0	5	ft	SS		0.4424	0.03	0.09	0.3524			PCI/G				drainfield	G	18765	38475	RAD
Thallium-208	18-1135	AAB4507	5	10	ft	SS		0.3976	0.03	0.09	0.3076			PCI/G				drainfield	G	18765	38475	RAD
Thallium-208	18-1135	AAB4509	0	5	ft	SS		0.4405	0.03	0.09	0.3505			PCI/G				drainfield	G	18765	38475	RAD
Thallium-208	18-1135	AAB4509	5	10	ft	SS		0.4405	0.03	0.09	0.3505			PCI/G				drainfield	G	18765	38475	RAD
Thallium-208	18-1135	AAB4509	10	12	ft	SS		0.4405	0.03	0.09	0.3505			PCI/G				drainfield	G	18765	38475	RAD
Thallium-208	18-1135	AAB4510	0	12	ft	W	<	2.16	0	0	2.16			PCI/L	FD			drainfield	G	19005	37086	RAD
Thallium-208	18-1135	AAB4510	0	12	ft	W	<	3.69	0	0	3.69			PCI/L	FD			drainfield	G	19005	37086	RAD
Thallium-208	18-1135	AAB4518	0	18	ft	W	<	2.7	0	0	2.7			PCI/L	FD			drainfield	G	19005	37086	RAD
Thallium-208	18-1135	AAB4518	0	18	ft	W	<	3.59	0	0	3.59			PCI/L	FD			drainfield	G	19005	37086	RAD
Thallium-208	18-1136	AAB4512	0	5	ft	SS		0.2508	0.03	0.09	0.1608			PCI/G				drainfield	G	18946	36912	RAD
Thallium-208	18-1136	AAB4514	5	8.5	ft	SS		0.2818	0.03	0.09	0.1918			PCI/G				drainfield	G	18946	36912	RAD
Thallium-208	18-1136	AAB4516	10	25	ft	SS		0.3922	0.02	0.06	0.3322			PCI/G				drainfield	G	18946	36912	RAD
Thallium-208	18-1136	AAB4517	0	25	ft	W	<	3.63	0	0	3.63			PCI/L				drainfield	G	19004	37230	RAD
Thallium-208	18-1136	AAB4517	0	25	ft	W	<	2.53	0	0	2.53			PCI/L				drainfield	G	19004	37230	RAD
Thallium-208	18-1136	AAB4516	20	25	ft	SS		0.3922	0.02	0.06	0.3322			PCI/G				drainfield	G	18946	36912	RAD
Thallium-208	18-1136	AAB4516	15	20	ft	SS		0.3922	0.02	0.06	0.3322			PCI/G				drainfield	G	18946	36912	RAD
Thorium-227	18-1114	AAB4482	0	1	ft	SS	<	0.322	0	0	0.322			PCI/G				septic tank	G	19004	37230	RAD
Thorium-227	18-1115	AAB4481	0	6	in	SS	<	0.114	0	0	0.114			PCI/G				septic tank	G	19831	37260	RAD
Thorium-227	18-1115	AAB4483	0	1	ft	SS	<	0.3	0	0	0.3			PCI/G				septic tank	G	19054	38489	RAD
Thorium-227	18-1116	AAB4485	0	5	ft	SS	<	0.244	0	0	0.244			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Thorium-227	18-1116	AAB4487	0	5	ft	SS	<	0.252	0	0	0.252			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Thorium-227	18-1117	AAB4488	0	5	ft	SS	<	0.25	0	0	0.25			PCI/G				septic tank-W	G	19054	38489	RAD
Thorium-227	18-1126	AAB4500	0	6	in	SS		0.9578	0.25	0.75	0.2078			PCI/G				drainfield	G	19831	37260	RAD
Thorium-227	18-1130	AAB4501	0	6	in	SS	<	0.136	0	0	0.136			PCI/G				drainfield	G	19831	37260	RAD
Thorium-227	18-1131	AAB4502	0	6	in	SS		0.8128	0.22	0.66	0.1528			PCI/G				drainfield	G	19831	37260	RAD
Thorium-227	18-1132	AAB4503	0	6	in	SS	<	0.125	0	0	0.125			PCI/G				drainfield	G	19831	37260	RAD
Thorium-227	18-1133	AAB4504	0	6	in	SS		0.9195	0.23	0.69	0.2295			PCI/G				drainfield	G	19831	37260	RAD
Thorium-227	18-1135	AAB4505	0	5	ft	SS	<	0.256	0	0	0.256			PCI/G				drainfield	G	18765	38475	RAD
Thorium-227	18-1135	AAB4507	5	10	ft	SS	<	0.252	0	0	0.252			PCI/G				drainfield	G	18765	38475	RAD
Thorium-227	18-1135	AAB4509	0	5	ft	SS	<	0.258	0	0	0.258			PCI/G				drainfield	G	18765	38475	RAD
Thorium-227	18-1135	AAB4509	5	10	ft	SS	<	0.258	0	0	0.258			PCI/G				drainfield	G	18765	38475	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-227	18-1135	AAB4509	10	12	ft	SS	<	0.258	0	0	0.258			PCI/G				drainfield	G	18765	38475	RAD
Thorium-227	18-1135	AAB4510	0	12	ft	W	<	21.5	0	0	21.5			PCI/L	FD			drainfield	G	19005	37086	RAD
Thorium-227	18-1135	AAB4510	0	12	ft	W	<	22.5	0	0	22.5			PCI/L	FD			drainfield	G	19005	37086	RAD
Thorium-227	18-1135	AAB4518	0	18	ft	W	<	20.3	0	0	20.3			PCI/L	FD			drainfield	G	19005	37086	RAD
Thorium-227	18-1135	AAB4518	0	18	ft	W	<	18.7	0	0	18.7			PCI/L	FD			drainfield	G	19005	37086	RAD
Thorium-227	18-1136	AAB4512	0	5	ft	SS	<	0.249	0	0	0.249			PCI/G				drainfield	G	18946	36912	RAD
Thorium-227	18-1136	AAB4514	5	8.5	ft	SS	<	0.28	0	0	0.28			PCI/G				drainfield	G	18946	36912	RAD
Thorium-227	18-1136	AAB4516	10	25	ft	SS	<	0.224	0	0	0.224			PCI/G				drainfield	G	18946	36912	RAD
Thorium-227	18-1136	AAB4517	0	25	ft	W	<	20.8	0	0	20.8			PCI/L				drainfield	G	19004	37230	RAD
Thorium-227	18-1136	AAB4517	0	25	ft	W	<	22.2	0	0	22.2			PCI/L				drainfield	G	19004	37230	RAD
Thorium-227	18-1136	AAB4516	20	25	ft	SS	<	0.224	0	0	0.224			PCI/G				drainfield	G	18946	36912	RAD
Thorium-227	18-1136	AAB4516	15	20	ft	SS	<	0.224	0	0	0.224			PCI/G				drainfield	G	18946	36912	RAD
Thorium-234	18-1114	AAB4482	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19004	37230	RAD
Thorium-234	18-1115	AAB4481	0	6	in	SS	<	0.288	0	0	0.288			PCI/G				septic tank	G	19831	37260	RAD
Thorium-234	18-1115	AAB4483	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Thorium-234	18-1116	AAB4485	0	5	ft	SS		4.7116	0.315	0.945	3.7666			PCI/G	FD			septic tank-E	G	19004	37230	RAD
Thorium-234	18-1116	AAB4487	0	5	ft	SS		5.2711	0.69	2.07	3.2011			PCI/G	FD			septic tank-E	G	19054	38489	RAD
Thorium-234	18-1117	AAB4488	0	5	ft	SS		3.101	0.46	1.38	1.721			PCI/G				septic tank-W	G	19054	38489	RAD
Thorium-234	18-1126	AAB4500	0	6	in	SS	<	0.504	0	0	0.504			PCI/G				drainfield	G	19831	37260	RAD
Thorium-234	18-1130	AAB4501	0	6	in	SS	<	0.25	0	0	0.25			PCI/G				drainfield	G	19831	37260	RAD
Thorium-234	18-1131	AAB4502	0	6	in	SS	<	0.432	0	0	0.432			PCI/G				drainfield	G	19831	37260	RAD
Thorium-234	18-1132	AAB4503	0	6	in	SS	<	0.215	0	0	0.215			PCI/G				drainfield	G	19831	37260	RAD
Thorium-234	18-1133	AAB4504	0	6	in	SS	<	0.529	0	0	0.529			PCI/G				drainfield	G	19831	37260	RAD
Thorium-234	18-1135	AAB4505	0	5	ft	SS		6.604	0.85	2.55	4.054			PCI/G				drainfield	G	18765	38475	RAD
Thorium-234	18-1135	AAB4507	5	10	ft	SS		2.8388	0.43	1.29	1.5488			PCI/G				drainfield	G	18765	38475	RAD
Thorium-234	18-1135	AAB4509	0	5	ft	SS		2.9802	0.45	1.35	1.6302			PCI/G				drainfield	G	18765	38475	RAD
Thorium-234	18-1135	AAB4509	5	10	ft	SS		2.9802	0.45	1.35	1.6302			PCI/G				drainfield	G	18765	38475	RAD
Thorium-234	18-1135	AAB4509	10	12	ft	SS		2.9802	0.45	1.35	1.6302			PCI/G				drainfield	G	18765	38475	RAD
Thorium-234	18-1135	AAB4510	0	12	ft	W		202.46	93.73	281.19	-78.73			PCI/L	FD			drainfield	G	19005	37086	RAD
Thorium-234	18-1135	AAB4510	0	12	ft	W		245.8	66.26	198.78	47.02			PCI/L	FD			drainfield	G	19005	37086	RAD
Thorium-234	18-1135	AAB4518	0	18	ft	W	<	94.9	0	0	94.9			PCI/L	FD			drainfield	G	19005	37086	RAD
Thorium-234	18-1135	AAB4518	0	18	ft	W	<	91.9	0	0	91.9			PCI/L	FD			drainfield	G	19005	37086	RAD
Thorium-234	18-1136	AAB4512	0	5	ft	SS	<	0	0	0	0			PCI/G				drainfield	G	18946	36912	RAD
Thorium-234	18-1136	AAB4514	5	8.5	ft	SS	<	0	0	0	0			PCI/G				drainfield	G	18946	36912	RAD
Thorium-234	18-1136	AAB4516	10	25	ft	SS	<	0.519	0	0	0.519			PCI/G				drainfield	G	18946	36912	RAD
Thorium-234	18-1136	AAB4517	0	25	ft	W	<	58.7	0	0	58.7			PCI/L				drainfield	G	19004	37230	RAD
Thorium-234	18-1136	AAB4517	0	25	ft	W	<	106	0	0	106			PCI/L				drainfield	G	19004	37230	RAD
Thorium-234	18-1136	AAB4516	20	25	ft	SS	<	0.519	0	0	0.519			PCI/G				drainfield	G	18946	36912	RAD
Thorium-234	18-1136	AAB4516	15	20	ft	SS	<	0.519	0	0	0.519			PCI/G				drainfield	G	18946	36912	RAD
Uranium	18-1036	AAA5809				W		31.6	3.16	9.48	22.12			UG/L					KPA	15891	22502	RAD
Uranium	18-1036	AAA5810				W		32.85	3.29	9.87	22.98			UG/L	FD				KPA	15891	22502	RAD
Uranium	18-1036	AAA5811				SS		13	2	6	7	5.45		MG/KG					KPA	15888	28756	RAD
Uranium	18-1036	AAA5812				SS		28.1	2.35	7.05	21.05	5.45		MG/KG	FD		J		RAS	15892	24236	RAD
Uranium	18-1114	AAB4482	0	1	ft	SS		1.35	0.27	0.81	0.54	5.45		MG/KG			J	septic tank	ICPMS	19004	37227	RAD
Uranium	18-1114	AAB4482	0	1	ft	SS		1.42	0.284	0.852	0.568	5.45		MG/KG		D	J	septic tank	ICPMS	19004	37227	RAD
Uranium	18-1115	AAB4481	0	6	in	SS		1.02	0.204	0.612	0.408	5.45		MG/KG			J	septic tank	ICPMS	19831	37291	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1115	AAB4483	0	1	ft	SS		0.514	0.0257	0.0771	0.4369	5.45		MG/KG			J	septic tank	KPA	19054	37486	RAD
Uranium	18-1116	AAB4485	0	5	ft	SS		7.07	1.414	4.242	2.828	5.45		MG/KG	FD		J	septic tank-E	ICPMS	19004	37227	RAD
Uranium	18-1116	AAB4487	0	5	ft	SS		0.514	0.0257	0.0771	0.4369	5.45		MG/KG	FD		J	septic tank-E	KPA	19054	37486	RAD
Uranium	18-1117	AAB4488	0	5	ft	SS		0.514	0.0257	0.0771	0.4369	5.45		MG/KG			J	septic tank-W	KPA	19054	37486	RAD
Uranium	18-1126	AAB4500	0	6	in	SS		0.782	0.1564	0.4692	0.3128	5.45		MG/KG			J	drainfield	ICPMS	19831	37291	RAD
Uranium	18-1130	AAB4501	0	6	in	SS		0.906	0.1812	0.5436	0.3624	5.45		MG/KG			J	drainfield	ICPMS	19831	37291	RAD
Uranium	18-1131	AAB4502	0	6	in	SS		0.861	0.1722	0.5166	0.3444	5.45		MG/KG			J	drainfield	ICPMS	19831	37291	RAD
Uranium	18-1132	AAB4503	0	6	in	SS		1.01	0.202	0.606	0.404	5.45		MG/KG			J	drainfield	ICPMS	19831	37291	RAD
Uranium	18-1133	AAB4504	0	6	in	SS		3.58	0.716	2.148	1.432	5.45		MG/KG			J	drainfield	ICPMS	19831	37291	RAD
Uranium	18-1135	AAB4505	0	5	ft	SS		1.38	0.276	0.828	0.552	5.45		MG/KG				drainfield	ICPMS	18765	37505	RAD
Uranium	18-1135	AAB4507	5	10	ft	SS		0.443	0.0886	0.2658	0.1772	5.45		MG/KG				drainfield	ICPMS	18765	37505	RAD
Uranium	18-1135	AAB4509	5	10	ft	SS		0.499	0.0998	0.2994	0.1996	5.45		MG/KG				drainfield	ICPMS	18765	37505	RAD
Uranium	18-1135	AAB4509	10	12	ft	SS		0.499	0.0998	0.2994	0.1996	5.45		MG/KG				drainfield	ICPMS	18765	37505	RAD
Uranium	18-1135	AAB4509	0	5	ft	SS		0.499	0.0998	0.2994	0.1996	5.45		MG/KG				drainfield	ICPMS	18765	37505	RAD
Uranium	18-1135	AAB4510	0	12	ft	W		0.111	0.0111	0.0333	0.0777			UG/L	FD			drainfield	KPA	19005	37088	RAD
Uranium	18-1135	AAB4511	0	0	ft	W	<	0.111	0	0	0.111			UG/L	EB			drainfield	ICPMS	18765	37505	RAD
Uranium	18-1135	AAB4518	0	18	ft	W		0.714	0.0714	0.2142	0.4998			UG/L	FD			drainfield	KPA	19005	37088	RAD
Uranium	18-1135	AAB4732	25	30	ft	SS		1.84	0.125	0.375	1.465	5.45		MG/KG				drainfield	KPA	19953	33960	RAD
Uranium	18-1135	AAB4732	18	20	ft	SS		1.84	0.125	0.375	1.465	5.45		MG/KG				drainfield	KPA	19953	33960	RAD
Uranium	18-1135	AAB4732	30	32	ft	SS		1.84	0.125	0.375	1.465	5.45		MG/KG				drainfield	KPA	19953	33960	RAD
Uranium	18-1135	AAB4732	20	25	ft	SS		1.84	0.125	0.375	1.465	5.45		MG/KG				drainfield	KPA	19953	33960	RAD
Uranium	18-1136	AAB4512	0	5	ft	SS		0.445	0.089	0.267	0.178	5.45		MG/KG				drainfield	ICPMS	18946	36902	RAD
Uranium	18-1136	AAB4514	5	8.5	ft	SS		0.839	0.1678	0.5034	0.3356	5.45		MG/KG				drainfield	ICPMS	18946	36902	RAD
Uranium	18-1136	AAB4516	10	25	ft	SS		0.629	0.1258	0.3774	0.2516	5.45		MG/KG				drainfield	ICPMS	18946	36902	RAD
Uranium	18-1136	AAB4517	0	25	ft	W		0.111	0.0222	0.0666	0.0444			UG/L				drainfield	ICPMS	19004	37227	RAD
Uranium	18-1136	AAB4516	20	25	ft	SS		0.629	0.1258	0.3774	0.2516	5.45		MG/KG				drainfield	ICPMS	18946	36902	RAD
Uranium	18-1136	AAB4516	15	20	ft	SS		0.629	0.1258	0.3774	0.2516	5.45		MG/KG				drainfield	ICPMS	18946	36902	RAD
Uranium-235	18-1114	AAB4482	0	1	ft	SS	<	0	0	0	0	0.084	10	PCI/G				septic tank	G	19004	37230	RAD
Uranium-235	18-1115	AAB4481	0	6	in	SS	<	0.0474	0	0	0.0474	0.084	10	PCI/G				septic tank	G	19831	37260	RAD
Uranium-235	18-1115	AAB4483	0	1	ft	SS	<	0	0	0	0	0.084	10	PCI/G				septic tank	G	19054	38489	RAD
Uranium-235	18-1116	AAB4485	0	5	ft	SS		0.3004	0.05	0.15	0.1504	0.084	10	PCI/G	FD			septic tank-E	G	19004	37230	RAD
Uranium-235	18-1116	AAB4487	0	5	ft	SS		0.2869	0.08	0.24	0.0469	0.084	10	PCI/G	FD			septic tank-E	G	19054	38489	RAD
Uranium-235	18-1117	AAB4488	0	5	ft	SS		0.2639	0.08	0.24	0.0239	0.084	10	PCI/G				septic tank-W	G	19054	38489	RAD
Uranium-235	18-1126	AAB4500	0	6	in	SS	<	0.099	0	0	0.099	0.084	10	PCI/G				drainfield	G	19831	37260	RAD
Uranium-235	18-1130	AAB4501	0	6	in	SS	<	0.0342	0	0	0.0342	0.084	10	PCI/G				drainfield	G	19831	37260	RAD
Uranium-235	18-1131	AAB4502	0	6	in	SS	<	0.079	0	0	0.079	0.084	10	PCI/G				drainfield	G	19831	37260	RAD
Uranium-235	18-1132	AAB4503	0	6	in	SS	<	0.0447	0	0	0.0447	0.084	10	PCI/G				drainfield	G	19831	37260	RAD
Uranium-235	18-1133	AAB4504	0	6	in	SS	<	0.11	0	0	0.11	0.084	10	PCI/G				drainfield	G	19831	37260	RAD
Uranium-235	18-1135	AAB4505	0	5	ft	SS		0.5154	0.12	0.36	0.1554	0.084	10	PCI/G				drainfield	G	18765	38475	RAD
Uranium-235	18-1135	AAB4507	5	10	ft	SS	<	0.104	0	0	0.104	0.084	10	PCI/G				drainfield	G	18765	38475	RAD
Uranium-235	18-1135	AAB4509	0	5	ft	SS	<	0.101	0	0	0.101	0.084	10	PCI/G				drainfield	G	18765	38475	RAD
Uranium-235	18-1135	AAB4509	5	10	ft	SS	<	0.101	0	0	0.101	0.084	10	PCI/G				drainfield	G	18765	38475	RAD
Uranium-235	18-1135	AAB4509	10	12	ft	SS	<	0.101	0	0	0.101	0.084	10	PCI/G				drainfield	G	18765	38475	RAD
Uranium-235	18-1135	AAB4510	0	12	ft	W	<	14.4	0	0	14.4			PCI/L	FD			drainfield	G	19005	37086	RAD
Uranium-235	18-1135	AAB4510	0	12	ft	W	<	13.2	0	0	13.2			PCI/L	FD			drainfield	G	19005	37086	RAD
Uranium-235	18-1135	AAB4518	0	18	ft	W	<	8.69	0	0	8.69			PCI/L	FD			drainfield	G	19005	37086	RAD

SAMPLING DATA FOR PRS 18-003(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium-235	18-1135	AAB4518	0	18	ft	W	<	11.7	0	0	11.7			PCI/L	FD			drainfield	G	19005	37086	RAD
Uranium-235	18-1136	AAB4512	0	5	ft	SS	<	0	0	0	0	0.084	10	PCI/G				drainfield	G	18946	36912	RAD
Uranium-235	18-1136	AAB4514	5	8.5	ft	SS	<	0	0	0	0	0.084	10	PCI/G				drainfield	G	18946	36912	RAD
Uranium-235	18-1136	AAB4516	10	25	ft	SS	<	0.0831	0	0	0.0831	0.084	10	PCI/G				drainfield	G	18946	36912	RAD
Uranium-235	18-1136	AAB4517	0	25	ft	W	<	12	0	0	12			PCI/L				drainfield	G	19004	37230	RAD
Uranium-235	18-1136	AAB4517	0	25	ft	W	<	11.6	0	0	11.6			PCI/L				drainfield	G	19004	37230	RAD
Uranium-235	18-1136	AAB4516	20	25	ft	SS	<	0.0831	0	0	0.0831	0.084	10	PCI/G				drainfield	G	18946	36912	RAD
Uranium-235	18-1136	AAB4516	15	20	ft	SS	<	0.0831	0	0	0.0831	0.084	10	PCI/G				drainfield	G	18946	36912	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Actinium-228	18-1146	AAB4526	0	1	ft	SS		1.7828	0.1	0.3	1.4828			PCI/G				septic tank	G	19054	38489	RAD
Actinium-228	18-1146	AAB4528	0	5	ft	SS		1.361	0.11	0.33	1.031			PCI/G				septic tank	G	19054	38489	RAD
Actinium-228	18-1147	AAB4527	0	1	ft	SS		1.5311	0.1	0.3	1.2311			PCI/G				septic tank	G	19054	38489	RAD
Actinium-228	18-1147	AAB4530	0	5	ft	SS		1.7363	0.1	0.3	1.4363			PCI/G				septic tank	G	19054	38489	RAD
Actinium-228	18-1165	AAB4547	2.5	5	ft	SS		1.3207	0.08	0.24	1.0807			PCI/G				drainfield	G	19269	37219	RAD
Actinium-228	18-1165	AAB4549	7.5	10	ft	SS		1.8339	0.09	0.27	1.5639			PCI/G		D		drainfield	G	19269	37219	RAD
Actinium-228	18-1165	AAB4549	7.5	10	ft	SS		1.3268	0.07	0.21	1.1168			PCI/G				drainfield	G	19269	37219	RAD
Actinium-228	18-1165	AAB4551	7	15	ft	SS		1.1526	0.07	0.21	0.9426			PCI/G				drainfield	G	19269	37219	RAD
Actinium-228	18-1166	AAB4555	0	5	ft	SS		1.472	0.09	0.27	1.202			PCI/G				drainfield	G	19267	37087	RAD
Actinium-228	18-1166	AAB4557	5	10	ft	SS		1.2644	0.08	0.24	1.0244			PCI/G	FD			drainfield	G	19267	37087	RAD
Actinium-228	18-1166	AAB4558	5	10	ft	SS		1.6376	0.1	0.3	1.3376			PCI/G	FD			drainfield	G	19267	37087	RAD
Actinium-228	18-1166	AAB4560	15	20	ft	MS		1.2644	0.08	0.24	1.0244			PCI/G				drainfield	G	19267	37087	RAD
Actinium-228	18-1166	AAB4560	0	15	ft	MS		1.2644	0.08	0.24	1.0244			PCI/G				drainfield	G	19267	37087	RAD
Actinium-228	18-1166	AAB4560	35	40	ft	MS		1.2644	0.08	0.24	1.0244			PCI/G				drainfield	G	19267	37087	RAD
Actinium-228	18-1166	AAB4560	25	30	ft	MS		1.2644	0.08	0.24	1.0244			PCI/G				drainfield	G	19267	37087	RAD
Americium-241	18-1145	AAB4525	0	4	in	SS	-	0.018	0.0535	0.1605	-0.1425		22	PCI/G				septic tank	G	19519	32322	RAD
Americium-241	18-1146	AAB4526	0	1	ft	SS	<	0.0316	0	0	0.0316		22	PCI/G				septic tank	G	19054	38489	RAD
Americium-241	18-1146	AAB4528	0	5	ft	SS	<	0	0	0	0		22	PCI/G				septic tank	G	19054	38489	RAD
Americium-241	18-1147	AAB4527	0	1	ft	SS	<	0	0	0	0		22	PCI/G				septic tank	G	19054	38489	RAD
Americium-241	18-1147	AAB4530	0	5	ft	SS	<	0.0661	0	0	0.0661		22	PCI/G				septic tank	G	19054	38489	RAD
Americium-241	18-1153	AAB4542	0	4	in	SS	-	0.038	0.0695	0.2085	-0.1705		22	PCI/G				drainfield	G	19519	32322	RAD
Americium-241	18-1155	AAB4543	0	4	in	SS	-	0.053	0.0785	0.2355	-0.1825		22	PCI/G				drainfield	G	19519	32322	RAD
Americium-241	18-1156	AAB4544	0	4	in	SS	-	0.046	0.077	0.231	-0.185		22	PCI/G		D		drainfield	G	19519	32322	RAD
Americium-241	18-1156	AAB4544	0	4	in	SS		0.105	0.0875	0.2625	-0.1575		22	PCI/G				drainfield	G	19519	32322	RAD
Americium-241	18-1157	AAB4545	0	4	in	SS		0.138	0.1315	0.3945	-0.2565		22	PCI/G				drainfield	G	19519	32322	RAD
Americium-241	18-1159	AAB4546	0	4	in	SS		0.038	0.031	0.093	-0.055		22	PCI/G				drainfield	G	19519	32322	RAD
Americium-241	18-1165	AAB4547	2.5	5	ft	SS	<	0.0302	0	0	0.0302		22	PCI/G				drainfield	G	19269	37219	RAD
Americium-241	18-1165	AAB4549	7.5	10	ft	SS	<	0.0351	0	0	0.0351		22	PCI/G				drainfield	G	19269	37219	RAD
Americium-241	18-1165	AAB4549	7.5	10	ft	SS	<	0.0452	0	0	0.0452		22	PCI/G		D		drainfield	G	19269	37219	RAD
Americium-241	18-1165	AAB4551	7	15	ft	SS	<	0.0434	0	0	0.0434		22	PCI/G				drainfield	G	19269	37219	RAD
Americium-241	18-1165	AAB4552	0	15	ft	W		0.024	1.21	3.63	-3.606		15	PCI/L				drainfield	G	19531	31960	RAD
Americium-241	18-1166	AAB4555	0	5	ft	SS	<	0.0627	0	0	0.0627		22	PCI/G			J	drainfield	G	19267	37087	RAD
Americium-241	18-1166	AAB4557	5	10	ft	SS	<	0.0397	0	0	0.0397		22	PCI/G	FD		J	drainfield	G	19267	37087	RAD
Americium-241	18-1166	AAB4558	5	10	ft	SS	<	0.0594	0	0	0.0594		22	PCI/G	FD		J	drainfield	G	19267	37087	RAD
Americium-241	18-1166	AAB4560	15	20	ft	MS	<	0.0461	0	0	0.0461		22	PCI/G			J	drainfield	G	19267	37087	RAD
Americium-241	18-1166	AAB4560	0	15	ft	MS	<	0.0461	0	0	0.0461		22	PCI/G			J	drainfield	G	19267	37087	RAD
Americium-241	18-1166	AAB4561	0	40	ft	W		1.92	1.14	3.42	-1.5		15	PCI/L				drainfield	G	19531	31960	RAD
Americium-241	18-1166	AAB4561	0	40	ft	W	-	0.583	1.175	3.525	-2.942		15	PCI/L		D		drainfield	G	19531	31960	RAD
Americium-241	18-1166	AAB4560	35	40	ft	MS	<	0.0461	0	0	0.0461		22	PCI/G			J	drainfield	G	19267	37087	RAD
Americium-241	18-1166	AAB4560	25	30	ft	MS	<	0.0461	0	0	0.0461		22	PCI/G			J	drainfield	G	19267	37087	RAD
Barium-140	18-1145	AAB4525	0	4	in	SS		30.5	20.35	61.05	-30.55			PCI/G				septic tank	G	19519	32322	RAD
Barium-140	18-1153	AAB4542	0	4	in	SS		39.6	20.7	62.1	-22.5			PCI/G				drainfield	G	19519	32322	RAD
Barium-140	18-1155	AAB4543	0	4	in	SS		20.6	23.05	69.15	-48.55			PCI/G				drainfield	G	19519	32322	RAD
Barium-140	18-1156	AAB4544	0	4	in	SS		1.29	24.65	73.95	-72.66			PCI/G				drainfield	G	19519	32322	RAD
Barium-140	18-1156	AAB4544	0	4	in	SS		22.6	23.55	70.65	-48.05			PCI/G		D		drainfield	G	19519	32322	RAD
Barium-140	18-1157	AAB4545	0	4	in	SS	-	7.32	20.55	61.65	-54.33			PCI/G				drainfield	G	19519	32322	RAD
Barium-140	18-1159	AAB4546	0	4	in	SS		17.3	16.55	49.65	-32.35			PCI/G				drainfield	G	19519	32322	RAD
Barium-140	18-1165	AAB4552	0	15	ft	W		2310	1650	4950	-2640			PCI/L				drainfield	G	19531	31960	RAD
Barium-140	18-1166	AAB4561	0	40	ft	W		1720	1535	4605	-2885			PCI/L				drainfield	G	19531	31960	RAD

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Barium-140	18-1166	AAB4561	0	40	ft	W	-	46.814	1430	4290	-4243.186			PCI/L		D		drainfield	G	19531	31960	RAD
Bismuth-211	18-1146	AAB4526	0	1	ft	SS		0.5956	0.15	0.45	0.1456			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-211	18-1146	AAB4528	0	5	ft	SS		1.0812	0.18	0.54	0.5412			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-211	18-1147	AAB4527	0	1	ft	SS		1.5639	0.2	0.6	0.9639			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-211	18-1147	AAB4530	0	5	ft	SS		0.6396	0.18	0.54	0.0996			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-211	18-1165	AAB4547	2.5	5	ft	SS		0.5756	0.14	0.42	0.1556			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-211	18-1165	AAB4549	7.5	10	ft	SS		0.9532	0.16	0.48	0.4732			PCI/G		D		drainfield	G	19269	37219	RAD
Bismuth-211	18-1165	AAB4549	7.5	10	ft	SS	<	0.157	0	0	0.157			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-211	18-1165	AAB4551	7	15	ft	SS	<	0.176	0	0	0.176			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-211	18-1166	AAB4555	0	5	ft	SS		1.167	0.18	0.54	0.627			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-211	18-1166	AAB4557	5	10	ft	SS		0.5346	0.15	0.45	0.0846			PCI/G	FD			drainfield	G	19267	37087	RAD
Bismuth-211	18-1166	AAB4558	5	10	ft	SS		1.7668	0.19	0.57	1.1968			PCI/G	FD			drainfield	G	19267	37087	RAD
Bismuth-211	18-1166	AAB4560	0	15	ft	MS		0.4261	0.14	0.42	0.0061			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-211	18-1166	AAB4560	15	20	ft	MS		0.4261	0.14	0.42	0.0061			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-211	18-1166	AAB4560	35	40	ft	MS		0.4261	0.14	0.42	0.0061			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-211	18-1166	AAB4560	25	30	ft	MS		0.4261	0.14	0.42	0.0061			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-212	18-1146	AAB4526	0	1	ft	SS	<	0.521	0	0	0.521			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-212	18-1146	AAB4528	0	5	ft	SS	<	0.577	0	0	0.577			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-212	18-1147	AAB4527	0	1	ft	SS		2.307	0.6	1.8	0.507			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-212	18-1147	AAB4530	0	5	ft	SS	<	0.697	0	0	0.697			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-212	18-1165	AAB4547	2.5	5	ft	SS		1.275	0.4	1.2	0.075			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-212	18-1165	AAB4549	7.5	10	ft	SS	<	0.727	0	0	0.727			PCI/G		D		drainfield	G	19269	37219	RAD
Bismuth-212	18-1165	AAB4549	7.5	10	ft	SS	<	0.325	0	0	0.325			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-212	18-1165	AAB4551	7	15	ft	SS	<	0.673	0	0	0.673			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-212	18-1166	AAB4555	0	5	ft	SS		1.7918	0.34	1.02	0.7718			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-212	18-1166	AAB4557	5	10	ft	SS	<	0.64	0	0	0.64			PCI/G	FD			drainfield	G	19267	37087	RAD
Bismuth-212	18-1166	AAB4558	5	10	ft	SS	<	0.633	0	0	0.633			PCI/G	FD			drainfield	G	19267	37087	RAD
Bismuth-212	18-1166	AAB4560	0	15	ft	MS	<	0.622	0	0	0.622			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-212	18-1166	AAB4560	15	20	ft	MS	<	0.622	0	0	0.622			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-212	18-1166	AAB4560	35	40	ft	MS	<	0.622	0	0	0.622			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-212	18-1166	AAB4560	25	30	ft	MS	<	0.622	0	0	0.622			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-214	18-1146	AAB4526	0	1	ft	SS		1.2596	0.06	0.18	1.0796			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-214	18-1146	AAB4528	0	5	ft	SS		1.0904	0.07	0.21	0.8804			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-214	18-1147	AAB4527	0	1	ft	SS		1.1171	0.07	0.21	0.9071			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-214	18-1147	AAB4530	0	5	ft	SS		1.09	0.06	0.18	0.91			PCI/G				septic tank	G	19054	38489	RAD
Bismuth-214	18-1165	AAB4547	2.5	5	ft	SS		1.0281	0.05	0.15	0.8781			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-214	18-1165	AAB4549	7.5	10	ft	SS		1.0698	0.05	0.15	0.9198			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-214	18-1165	AAB4549	7.5	10	ft	SS		1.387	0.07	0.21	1.177			PCI/G		D		drainfield	G	19269	37219	RAD
Bismuth-214	18-1165	AAB4551	7	15	ft	SS		0.8251	0.05	0.15	0.6751			PCI/G				drainfield	G	19269	37219	RAD
Bismuth-214	18-1166	AAB4555	0	5	ft	SS		1.1448	0.06	0.18	0.9648			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-214	18-1166	AAB4557	5	10	ft	SS		1.0556	0.05	0.15	0.9056			PCI/G	FD			drainfield	G	19267	37087	RAD
Bismuth-214	18-1166	AAB4558	5	10	ft	SS		1.294	0.07	0.21	1.084			PCI/G	FD			drainfield	G	19267	37087	RAD
Bismuth-214	18-1166	AAB4560	0	15	ft	MS		0.9271	0.05	0.15	0.7771			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-214	18-1166	AAB4560	15	20	ft	MS		0.9271	0.05	0.15	0.7771			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-214	18-1166	AAB4560	25	30	ft	MS		0.9271	0.05	0.15	0.7771			PCI/G				drainfield	G	19267	37087	RAD
Bismuth-214	18-1166	AAB4560	35	40	ft	MS		0.9271	0.05	0.15	0.7771			PCI/G				drainfield	G	19267	37087	RAD
Cerium-144	18-1145	AAB4525	0	4	in	SS		0.066	0.0735	0.2205	-0.1545		56	PCI/G				septic tank	G	19519	32322	RAD
Cerium-144	18-1146	AAB4526	0	1	ft	SS	<	0.115	0	0	0.115		56	PCI/G				septic tank	G	19054	38489	RAD
Cerium-144	18-1146	AAB4528	0	5	ft	SS	<	0	0	0	0		56	PCI/G				septic tank	G	19054	38489	RAD

SAMPLING DATA FOR PRS 18-003(c)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cerium-144	18-1147	AAB4527	0	1	ft	SS	<	0	0	0	0		56	PCI/G				septic tank	G	19054	38489	RAD
Cerium-144	18-1147	AAB4530	0	5	ft	SS	<	0.0812	0	0	0.0812		56	PCI/G				septic tank	G	19054	38489	RAD
Cerium-144	18-1153	AAB4542	0	4	in	SS	-	0.107	0.079	0.237	-0.13		56	PCI/G				drainfield	G	19519	32322	RAD
Cerium-144	18-1155	AAB4543	0	4	in	SS	-	0.091	0.082	0.246	-0.155		56	PCI/G				drainfield	G	19519	32322	RAD
Cerium-144	18-1156	AAB4544	0	4	in	SS	-	0.062	0.088	0.264	-0.202		56	PCI/G		D		drainfield	G	19519	32322	RAD
Cerium-144	18-1156	AAB4544	0	4	in	SS		0.02	0.0925	0.2775	-0.2575		56	PCI/G				drainfield	G	19519	32322	RAD
Cerium-144	18-1157	AAB4545	0	4	in	SS	-	0.045	0.0745	0.2235	-0.1785		56	PCI/G				drainfield	G	19519	32322	RAD
Cerium-144	18-1159	AAB4546	0	4	in	SS		0.027	0.0605	0.1815	-0.1545		56	PCI/G				drainfield	G	19519	32322	RAD
Cerium-144	18-1165	AAB4547	2.5	5	ft	SS	<	0.0942	0	0	0.0942		56	PCI/G				drainfield	G	19269	37219	RAD
Cerium-144	18-1165	AAB4549	7.5	10	ft	SS	<	0.0784	0	0	0.0784		56	PCI/G				drainfield	G	19269	37219	RAD
Cerium-144	18-1165	AAB4549	7.5	10	ft	SS	<	0.0912	0	0	0.0912		56	PCI/G		D		drainfield	G	19269	37219	RAD
Cerium-144	18-1165	AAB4551	7	15	ft	SS	<	0.0746	0	0	0.0746		56	PCI/G				drainfield	G	19269	37219	RAD
Cerium-144	18-1165	AAB4552	0	15	ft	W	-	1.418	4.89	14.67	-13.252		270	PCI/L				drainfield	G	19531	31960	RAD
Cerium-144	18-1166	AAB4555	0	5	ft	SS	<	0.121	0	0	0.121		56	PCI/G				drainfield	G	19267	37087	RAD
Cerium-144	18-1166	AAB4557	5	10	ft	SS	<	0.108	0	0	0.108		56	PCI/G	FD			drainfield	G	19267	37087	RAD
Cerium-144	18-1166	AAB4558	5	10	ft	SS	<	0.142	0	0	0.142		56	PCI/G	FD			drainfield	G	19267	37087	RAD
Cerium-144	18-1166	AAB4560	0	15	ft	MS	<	0.112	0	0	0.112		56	PCI/G				drainfield	G	19267	37087	RAD
Cerium-144	18-1166	AAB4560	15	20	ft	MS	<	0.112	0	0	0.112		56	PCI/G				drainfield	G	19267	37087	RAD
Cerium-144	18-1166	AAB4561	0	40	ft	W		5.57	4.96	14.88	-9.31		270	PCI/L		D		drainfield	G	19531	31960	RAD
Cerium-144	18-1166	AAB4561	0	40	ft	W		0.554	4.48	13.44	-12.886		270	PCI/L				drainfield	G	19531	31960	RAD
Cerium-144	18-1166	AAB4560	25	30	ft	MS	<	0.112	0	0	0.112		56	PCI/G				drainfield	G	19267	37087	RAD
Cerium-144	18-1166	AAB4560	35	40	ft	MS	<	0.112	0	0	0.112		56	PCI/G				drainfield	G	19267	37087	RAD
Cesium-134	18-1146	AAB4526	0	1	ft	SS	<	0.0379	0	0	0.0379		1.9	PCI/G				septic tank	G	19054	38489	RAD
Cesium-134	18-1146	AAB4528	0	5	ft	SS	<	0.0159	0	0	0.0159		1.9	PCI/G				septic tank	G	19054	38489	RAD
Cesium-134	18-1147	AAB4527	0	1	ft	SS	<	0.0147	0	0	0.0147		1.9	PCI/G				septic tank	G	19054	38489	RAD
Cesium-134	18-1147	AAB4530	0	5	ft	SS	<	0.0135	0	0	0.0135		1.9	PCI/G				septic tank	G	19054	38489	RAD
Cesium-134	18-1165	AAB4547	2.5	5	ft	SS	<	0.0352	0	0	0.0352		1.9	PCI/G				drainfield	G	19269	37219	RAD
Cesium-134	18-1165	AAB4549	7.5	10	ft	SS	<	0.0142	0	0	0.0142		1.9	PCI/G		D		drainfield	G	19269	37219	RAD
Cesium-134	18-1165	AAB4549	7.5	10	ft	SS	<	0.0307	0	0	0.0307		1.9	PCI/G				drainfield	G	19269	37219	RAD
Cesium-134	18-1165	AAB4551	7	15	ft	SS	<	0.0109	0	0	0.0109		1.9	PCI/G				drainfield	G	19269	37219	RAD
Cesium-134	18-1166	AAB4555	0	5	ft	SS	<	0.0077	0	0	0.0077		1.9	PCI/G				drainfield	G	19267	37087	RAD
Cesium-134	18-1166	AAB4557	5	10	ft	SS	<	0.0085	0	0	0.0085		1.9	PCI/G	FD			drainfield	G	19267	37087	RAD
Cesium-134	18-1166	AAB4558	5	10	ft	SS	<	0.0453	0	0	0.0453		1.9	PCI/G	FD			drainfield	G	19267	37087	RAD
Cesium-134	18-1166	AAB4560	15	20	ft	MS	<	0.0338	0	0	0.0338		1.9	PCI/G				drainfield	G	19267	37087	RAD
Cesium-134	18-1166	AAB4560	0	15	ft	MS	<	0.0338	0	0	0.0338		1.9	PCI/G				drainfield	G	19267	37087	RAD
Cesium-134	18-1166	AAB4560	25	30	ft	MS	<	0.0338	0	0	0.0338		1.9	PCI/G				drainfield	G	19267	37087	RAD
Cesium-134	18-1166	AAB4560	35	40	ft	MS	<	0.0338	0	0	0.0338		1.9	PCI/G				drainfield	G	19267	37087	RAD
Cesium-137	18-1145	AAB4525	0	4	in	SS		0.064	0.021	0.063	0.001	1.4	5.1	PCI/G				septic tank	G	19519	32322	RAD
Cesium-137	18-1146	AAB4526	0	1	ft	SS		0.16	0.02	0.06	0.1	1.4	5.1	PCI/G				septic tank	G	19054	38489	RAD
Cesium-137	18-1146	AAB4528	0	5	ft	SS	<	0.0745	0	0	0.0745	1.4	5.1	PCI/G				septic tank	G	19054	38489	RAD
Cesium-137	18-1147	AAB4527	0	1	ft	SS	<	0.0804	0	0	0.0804	1.4	5.1	PCI/G				septic tank	G	19054	38489	RAD
Cesium-137	18-1147	AAB4530	0	5	ft	SS		0.0472	0.02	0.06	-0.0128	1.4	5.1	PCI/G				septic tank	G	19054	38489	RAD
Cesium-137	18-1153	AAB4542	0	4	in	SS		0.021	0.0155	0.0465	-0.0255	1.4	5.1	PCI/G				drainfield	G	19519	32322	RAD
Cesium-137	18-1155	AAB4543	0	4	in	SS		0.062	0.023	0.069	-0.007	1.4	5.1	PCI/G				drainfield	G	19519	32322	RAD
Cesium-137	18-1156	AAB4544	0	4	in	SS		0.036	0.0175	0.0525	-0.0165	1.4	5.1	PCI/G		D		drainfield	G	19519	32322	RAD
Cesium-137	18-1156	AAB4544	0	4	in	SS		0.039	0.0185	0.0555	-0.0165	1.4	5.1	PCI/G				drainfield	G	19519	32322	RAD
Cesium-137	18-1157	AAB4545	0	4	in	SS		0.057	0.021	0.063	-0.006	1.4	5.1	PCI/G				drainfield	G	19519	32322	RAD
Cesium-137	18-1159	AAB4546	0	4	in	SS		0.077	0.0175	0.0525	0.0245	1.4	5.1	PCI/G				drainfield	G	19519	32322	RAD
Cesium-137	18-1165	AAB4547	2.5	5	ft	SS	<	0.0121	0	0	0.0121	1.4	5.1	PCI/G			J	drainfield	G	19269	37219	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cesium-137	18-1165	AAB4549	7.5	10	ft	SS	<	0.0143	0	0	0.0143	1.4	5.1	PCI/G		D	J	drainfield	G	19269	37219	RAD
Cesium-137	18-1165	AAB4549	7.5	10	ft	SS	<	0.0148	0	0	0.0148	1.4	5.1	PCI/G			J	drainfield	G	19269	37219	RAD
Cesium-137	18-1165	AAB4551	7	15	ft	SS	<	0.0102	0	0	0.0102	1.4	5.1	PCI/G			J	drainfield	G	19269	37219	RAD
Cesium-137	18-1165	AAB4552	0	15	ft	W	-	0.655	1.06	3.18	-2.525		110	PCI/L				drainfield	G	19531	31960	RAD
Cesium-137	18-1166	AAB4555	0	5	ft	SS	<	0.013	0	0	0.013	1.4	5.1	PCI/G			J	drainfield	G	19267	37087	RAD
Cesium-137	18-1166	AAB4557	5	10	ft	SS		0.0301	0.01	0.03	1E-04	1.4	5.1	PCI/G	FD		J	drainfield	G	19267	37087	RAD
Cesium-137	18-1166	AAB4558	5	10	ft	SS	<	0.015	0	0	0.015	1.4	5.1	PCI/G	FD		J	drainfield	G	19267	37087	RAD
Cesium-137	18-1166	AAB4560	15	20	ft	MS	<	0.0134	0	0	0.0134	1.4	5.1	PCI/G			J	drainfield	G	19267	37087	RAD
Cesium-137	18-1166	AAB4560	0	15	ft	MS	<	0.0134	0	0	0.0134	1.4	5.1	PCI/G			J	drainfield	G	19267	37087	RAD
Cesium-137	18-1166	AAB4561	0	40	ft	W		0.459	1.11	3.33	-2.871		110	PCI/L				drainfield	G	19531	31960	RAD
Cesium-137	18-1166	AAB4561	0	40	ft	W		1.78	1.08	3.24	-1.46		110	PCI/L		D		drainfield	G	19531	31960	RAD
Cesium-137	18-1166	AAB4560	25	30	ft	MS	<	0.0134	0	0	0.0134	1.4	5.1	PCI/G			J	drainfield	G	19267	37087	RAD
Cesium-137	18-1166	AAB4560	35	40	ft	MS	<	0.0134	0	0	0.0134	1.4	5.1	PCI/G			J	drainfield	G	19267	37087	RAD
Cobalt-57	18-1146	AAB4526	0	1	ft	SS	<	0.0131	0	0	0.0131			PCI/G				septic tank	G	19054	38489	RAD
Cobalt-57	18-1146	AAB4528	0	5	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Cobalt-57	18-1147	AAB4527	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Cobalt-57	18-1147	AAB4530	0	5	ft	SS	<	0.0223	0	0	0.0223			PCI/G				septic tank	G	19054	38489	RAD
Cobalt-57	18-1165	AAB4547	2.5	5	ft	SS	<	0.0114	0	0	0.0114			PCI/G				drainfield	G	19269	37219	RAD
Cobalt-57	18-1165	AAB4549	7.5	10	ft	SS	<	0.0082	0	0	0.0082			PCI/G				drainfield	G	19269	37219	RAD
Cobalt-57	18-1165	AAB4549	7.5	10	ft	SS	<	0.0168	0	0	0.0168			PCI/G		D		drainfield	G	19269	37219	RAD
Cobalt-57	18-1165	AAB4551	7	15	ft	SS	<	0.0164	0	0	0.0164			PCI/G				drainfield	G	19269	37219	RAD
Cobalt-57	18-1166	AAB4555	0	5	ft	SS	<	0.0166	0	0	0.0166			PCI/G				drainfield	G	19267	37087	RAD
Cobalt-57	18-1166	AAB4557	5	10	ft	SS	<	0.0136	0	0	0.0136			PCI/G	FD			drainfield	G	19267	37087	RAD
Cobalt-57	18-1166	AAB4558	5	10	ft	SS	<	0.0191	0	0	0.0191			PCI/G	FD			drainfield	G	19267	37087	RAD
Cobalt-57	18-1166	AAB4560	15	20	ft	MS	<	0.0153	0	0	0.0153			PCI/G				drainfield	G	19267	37087	RAD
Cobalt-57	18-1166	AAB4560	0	15	ft	MS	<	0.0153	0	0	0.0153			PCI/G				drainfield	G	19267	37087	RAD
Cobalt-57	18-1166	AAB4560	25	30	ft	MS	<	0.0153	0	0	0.0153			PCI/G				drainfield	G	19267	37087	RAD
Cobalt-57	18-1166	AAB4560	35	40	ft	MS	<	0.0153	0	0	0.0153			PCI/G				drainfield	G	19267	37087	RAD
Cobalt-60	18-1145	AAB4525	0	4	in	SS	-	0.014	0.0175	0.0525	-0.0385		1.1	PCI/G				septic tank	G	19519	32322	RAD
Cobalt-60	18-1146	AAB4526	0	1	ft	SS	<	0.0117	0	0	0.0117		1.1	PCI/G				septic tank	G	19054	38489	RAD
Cobalt-60	18-1146	AAB4528	0	5	ft	SS	<	0.0179	0	0	0.0179		1.1	PCI/G				septic tank	G	19054	38489	RAD
Cobalt-60	18-1147	AAB4527	0	1	ft	SS	<	0.172	0	0	0.172		1.1	PCI/G				septic tank	G	19054	38489	RAD
Cobalt-60	18-1147	AAB4530	0	5	ft	SS	<	0.0184	0	0	0.0184		1.1	PCI/G				septic tank	G	19054	38489	RAD
Cobalt-60	18-1153	AAB4542	0	4	in	SS		0.007	0.019	0.057	-0.05		1.1	PCI/G				drainfield	G	19519	32322	RAD
Cobalt-60	18-1155	AAB4543	0	4	in	SS		0.016	0.0165	0.0495	-0.0335		1.1	PCI/G				drainfield	G	19519	32322	RAD
Cobalt-60	18-1156	AAB4544	0	4	in	SS	-	0.033	0.024	0.072	-0.039		1.1	PCI/G				drainfield	G	19519	32322	RAD
Cobalt-60	18-1156	AAB4544	0	4	in	SS	-	0.003	0.0195	0.0585	-0.0555		1.1	PCI/G		D		drainfield	G	19519	32322	RAD
Cobalt-60	18-1157	AAB4545	0	4	in	SS		0.024	0.0155	0.0465	-0.0225		1.1	PCI/G				drainfield	G	19519	32322	RAD
Cobalt-60	18-1159	AAB4546	0	4	in	SS	-	0.004	0.012	0.036	-0.032		1.1	PCI/G				drainfield	G	19519	32322	RAD
Cobalt-60	18-1165	AAB4547	2.5	5	ft	SS	<	0.0092	0	0	0.0092		1.1	PCI/G				drainfield	G	19269	37219	RAD
Cobalt-60	18-1165	AAB4549	7.5	10	ft	SS	<	0.0073	0	0	0.0073		1.1	PCI/G		D		drainfield	G	19269	37219	RAD
Cobalt-60	18-1165	AAB4549	7.5	10	ft	SS	<	0.0084	0	0	0.0084		1.1	PCI/G				drainfield	G	19269	37219	RAD
Cobalt-60	18-1165	AAB4551	7	15	ft	SS	<	0.0169	0	0	0.0169		1.1	PCI/G				drainfield	G	19269	37219	RAD
Cobalt-60	18-1165	AAB4552	0	15	ft	W	-	0.814	1.525	4.575	-3.761		200	PCI/L				drainfield	G	19531	31960	RAD
Cobalt-60	18-1166	AAB4555	0	5	ft	SS	<	0.0121	0	0	0.0121		1.1	PCI/G				drainfield	G	19267	37087	RAD
Cobalt-60	18-1166	AAB4557	5	10	ft	SS	<	0.0168	0	0	0.0168		1.1	PCI/G	FD			drainfield	G	19267	37087	RAD
Cobalt-60	18-1166	AAB4558	5	10	ft	SS	<	0.0153	0	0	0.0153		1.1	PCI/G	FD			drainfield	G	19267	37087	RAD
Cobalt-60	18-1166	AAB4560	15	20	ft	MS		0.0527	0.02	0.06	-0.0073		1.1	PCI/G				drainfield	G	19267	37087	RAD
Cobalt-60	18-1166	AAB4560	0	15	ft	MS		0.0527	0.02	0.06	-0.0073		1.1	PCI/G				drainfield	G	19267	37087	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cobalt-60	18-1166	AAB4561	0	40	ft	W		0.241	1.425	4.275	-4.034		200	PCI/L		D		drainfield	G	19531	31960	RAD
Cobalt-60	18-1166	AAB4561	0	40	ft	W		0.071	1.245	3.735	-3.664		200	PCI/L				drainfield	G	19531	31960	RAD
Cobalt-60	18-1166	AAB4560	25	30	ft	MS		0.0527	0.02	0.06	-0.0073		1.1	PCI/G				drainfield	G	19267	37087	RAD
Cobalt-60	18-1166	AAB4560	35	40	ft	MS		0.0527	0.02	0.06	-0.0073		1.1	PCI/G				drainfield	G	19267	37087	RAD
Europium-152	18-1145	AAB4525	0	4	in	SS		0.144	0.0705	0.2115	-0.0675		2.6	PCI/G				septic tank	G	19519	32322	RAD
Europium-152	18-1153	AAB4542	0	4	in	SS		0.134	0.0675	0.2025	-0.0685		2.6	PCI/G				drainfield	G	19519	32322	RAD
Europium-152	18-1155	AAB4543	0	4	in	SS	-	0.022	0.0795	0.2385	-0.2165		2.6	PCI/G				drainfield	G	19519	32322	RAD
Europium-152	18-1156	AAB4544	0	4	in	SS		0.111	0.0965	0.2895	-0.1785		2.6	PCI/G				drainfield	G	19519	32322	RAD
Europium-152	18-1156	AAB4544	0	4	in	SS		0.071	0.086	0.258	-0.187		2.6	PCI/G		D		drainfield	G	19519	32322	RAD
Europium-152	18-1157	AAB4545	0	4	in	SS		0.137	0.068	0.204	-0.067		2.6	PCI/G				drainfield	G	19519	32322	RAD
Europium-152	18-1159	AAB4546	0	4	in	SS		0.114	0.055	0.165	-0.051		2.6	PCI/G				drainfield	G	19519	32322	RAD
Europium-152	18-1165	AAB4552	0	15	ft	W	-	1.413	7.85	23.55	-22.137		880	PCI/L				drainfield	G	19531	31960	RAD
Europium-152	18-1166	AAB4561	0	40	ft	W		1.58	7.15	21.45	-19.87		880	PCI/L		D		drainfield	G	19531	31960	RAD
Europium-152	18-1166	AAB4561	0	40	ft	W	-	4.71	6.25	18.75	-14.04		880	PCI/L				drainfield	G	19531	31960	RAD
Lead-210	18-1146	AAB4526	0	1	ft	SS	<	0.884	0	0	0.884			PCI/G				septic tank	G	19054	38489	RAD
Lead-210	18-1146	AAB4528	0	5	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Lead-210	18-1147	AAB4527	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Lead-210	18-1147	AAB4530	0	5	ft	SS	<	1.1	0	0	1.1			PCI/G				septic tank	G	19054	38489	RAD
Lead-210	18-1165	AAB4547	2.5	5	ft	SS	<	0.89	0	0	0.89			PCI/G				drainfield	G	19269	37219	RAD
Lead-210	18-1165	AAB4549	7.5	10	ft	SS	<	0.674	0	0	0.674			PCI/G		D		drainfield	G	19269	37219	RAD
Lead-210	18-1165	AAB4549	7.5	10	ft	SS	<	0.778	0	0	0.778			PCI/G				drainfield	G	19269	37219	RAD
Lead-210	18-1165	AAB4551	7	15	ft	SS	<	0.847	0	0	0.847			PCI/G				drainfield	G	19269	37219	RAD
Lead-210	18-1166	AAB4555	0	5	ft	SS	<	1.05	0	0	1.05			PCI/G				drainfield	G	19267	37087	RAD
Lead-210	18-1166	AAB4557	5	10	ft	SS	<	0.778	0	0	0.778			PCI/G	FD			drainfield	G	19267	37087	RAD
Lead-210	18-1166	AAB4558	5	10	ft	SS		2.4033	0.98	2.94	-0.5367			PCI/G	FD			drainfield	G	19267	37087	RAD
Lead-210	18-1166	AAB4560	0	15	ft	MS	<	0.805	0	0	0.805			PCI/G				drainfield	G	19267	37087	RAD
Lead-210	18-1166	AAB4560	15	20	ft	MS	<	0.805	0	0	0.805			PCI/G				drainfield	G	19267	37087	RAD
Lead-210	18-1166	AAB4560	35	40	ft	MS	<	0.805	0	0	0.805			PCI/G				drainfield	G	19267	37087	RAD
Lead-210	18-1166	AAB4560	25	30	ft	MS	<	0.805	0	0	0.805			PCI/G				drainfield	G	19267	37087	RAD
Lead-211	18-1146	AAB4526	0	1	ft	SS	<	0.387	0	0	0.387			PCI/G				septic tank	G	19054	38489	RAD
Lead-211	18-1146	AAB4528	0	5	ft	SS	<	0.521	0	0	0.521			PCI/G				septic tank	G	19054	38489	RAD
Lead-211	18-1147	AAB4527	0	1	ft	SS	<	0.466	0	0	0.466			PCI/G				septic tank	G	19054	38489	RAD
Lead-211	18-1147	AAB4530	0	5	ft	SS	<	0.466	0	0	0.466			PCI/G				septic tank	G	19054	38489	RAD
Lead-211	18-1165	AAB4547	2.5	5	ft	SS	<	0.353	0	0	0.353			PCI/G				drainfield	G	19269	37219	RAD
Lead-211	18-1165	AAB4549	7.5	10	ft	SS	<	0.42	0	0	0.42			PCI/G		D		drainfield	G	19269	37219	RAD
Lead-211	18-1165	AAB4549	7.5	10	ft	SS	<	0.311	0	0	0.311			PCI/G				drainfield	G	19269	37219	RAD
Lead-211	18-1165	AAB4551	7	15	ft	SS	<	0.41	0	0	0.41			PCI/G				drainfield	G	19269	37219	RAD
Lead-211	18-1166	AAB4555	0	5	ft	SS	<	0.426	0	0	0.426			PCI/G				drainfield	G	19267	37087	RAD
Lead-211	18-1166	AAB4557	5	10	ft	SS	<	0.371	0	0	0.371			PCI/G	FD			drainfield	G	19267	37087	RAD
Lead-211	18-1166	AAB4558	5	10	ft	SS	<	0.467	0	0	0.467			PCI/G	FD			drainfield	G	19267	37087	RAD
Lead-211	18-1166	AAB4560	0	15	ft	MS	<	0.376	0	0	0.376			PCI/G				drainfield	G	19267	37087	RAD
Lead-211	18-1166	AAB4560	15	20	ft	MS	<	0.376	0	0	0.376			PCI/G				drainfield	G	19267	37087	RAD
Lead-211	18-1166	AAB4560	35	40	ft	MS	<	0.376	0	0	0.376			PCI/G				drainfield	G	19267	37087	RAD
Lead-211	18-1166	AAB4560	25	30	ft	MS	<	0.376	0	0	0.376			PCI/G				drainfield	G	19267	37087	RAD
Lead-212	18-1146	AAB4526	0	1	ft	SS		1.6573	0.07	0.21	1.4473			PCI/G				septic tank	G	19054	38489	RAD
Lead-212	18-1146	AAB4528	0	5	ft	SS		1.4254	0.07	0.21	1.2154			PCI/G				septic tank	G	19054	38489	RAD
Lead-212	18-1147	AAB4527	0	1	ft	SS		1.4966	0.07	0.21	1.2866			PCI/G				septic tank	G	19054	38489	RAD
Lead-212	18-1147	AAB4530	0	5	ft	SS		1.5495	0.07	0.21	1.3395			PCI/G				septic tank	G	19054	38489	RAD
Lead-212	18-1165	AAB4547	2.5	5	ft	SS		1.3659	0.06	0.18	1.1859			PCI/G				drainfield	G	19269	37219	RAD

SAMPLING DATA FOR PRS 18-003(c)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Lead-212	18-1165	AAB4549	7.5	10	ft	SS		1.8823	0.08	0.24	1.6423			PCI/G		D		drainfield	G	19269	37219	RAD
Lead-212	18-1165	AAB4549	7.5	10	ft	SS		1.4969	0.06	0.18	1.3169			PCI/G				drainfield	G	19269	37219	RAD
Lead-212	18-1165	AAB4551	7	15	ft	SS		1.3105	0.06	0.18	1.1305			PCI/G				drainfield	G	19269	37219	RAD
Lead-212	18-1166	AAB4555	0	5	ft	SS		1.6751	0.07	0.21	1.4651			PCI/G				drainfield	G	19267	37087	RAD
Lead-212	18-1166	AAB4557	5	10	ft	SS		1.4597	0.06	0.18	1.2797			PCI/G	FD			drainfield	G	19267	37087	RAD
Lead-212	18-1166	AAB4558	5	10	ft	SS		1.7235	0.08	0.24	1.4835			PCI/G	FD			drainfield	G	19267	37087	RAD
Lead-212	18-1166	AAB4560	0	15	ft	MS		1.41	0.06	0.18	1.23			PCI/G				drainfield	G	19267	37087	RAD
Lead-212	18-1166	AAB4560	15	20	ft	MS		1.41	0.06	0.18	1.23			PCI/G				drainfield	G	19267	37087	RAD
Lead-212	18-1166	AAB4560	35	40	ft	MS		1.41	0.06	0.18	1.23			PCI/G				drainfield	G	19267	37087	RAD
Lead-212	18-1166	AAB4560	25	30	ft	MS		1.41	0.06	0.18	1.23			PCI/G				drainfield	G	19267	37087	RAD
Lead-214	18-1146	AAB4526	0	1	ft	SS		1.3143	0.07	0.21	1.1043			PCI/G				septic tank	G	19054	38489	RAD
Lead-214	18-1146	AAB4528	0	5	ft	SS		0.8837	0.06	0.18	0.7037			PCI/G				septic tank	G	19054	38489	RAD
Lead-214	18-1147	AAB4527	0	1	ft	SS		0.8834	0.07	0.21	0.6734			PCI/G				septic tank	G	19054	38489	RAD
Lead-214	18-1147	AAB4530	0	5	ft	SS		1.1371	0.07	0.21	0.9271			PCI/G				septic tank	G	19054	38489	RAD
Lead-214	18-1165	AAB4547	2.5	5	ft	SS		1.0128	0.05	0.15	0.8628			PCI/G				drainfield	G	19269	37219	RAD
Lead-214	18-1165	AAB4549	7.5	10	ft	SS		1.1289	0.05	0.15	0.9789			PCI/G				drainfield	G	19269	37219	RAD
Lead-214	18-1165	AAB4549	7.5	10	ft	SS		1.2725	0.07	0.21	1.0625			PCI/G		D		drainfield	G	19269	37219	RAD
Lead-214	18-1165	AAB4551	7	15	ft	SS		0.9863	0.05	0.15	0.8363			PCI/G				drainfield	G	19269	37219	RAD
Lead-214	18-1166	AAB4555	0	5	ft	SS		1.0538	0.06	0.18	0.8738			PCI/G				drainfield	G	19267	37087	RAD
Lead-214	18-1166	AAB4557	5	10	ft	SS		1.1161	0.06	0.18	0.9361			PCI/G	FD			drainfield	G	19267	37087	RAD
Lead-214	18-1166	AAB4558	5	10	ft	SS		1.0607	0.07	0.21	0.8507			PCI/G	FD			drainfield	G	19267	37087	RAD
Lead-214	18-1166	AAB4560	15	20	ft	MS		1.0297	0.05	0.15	0.8797			PCI/G				drainfield	G	19267	37087	RAD
Lead-214	18-1166	AAB4560	0	15	ft	MS		1.0297	0.05	0.15	0.8797			PCI/G				drainfield	G	19267	37087	RAD
Lead-214	18-1166	AAB4560	25	30	ft	MS		1.0297	0.05	0.15	0.8797			PCI/G				drainfield	G	19267	37087	RAD
Lead-214	18-1166	AAB4560	35	40	ft	MS		1.0297	0.05	0.15	0.8797			PCI/G				drainfield	G	19267	37087	RAD
Manganese-54	18-1146	AAB4526	0	1	ft	SS	<	0.0198	0	0	0.0198		3.5	PCI/G				septic tank	G	19054	38489	RAD
Manganese-54	18-1146	AAB4528	0	5	ft	SS	<	0.0246	0	0	0.0246		3.5	PCI/G				septic tank	G	19054	38489	RAD
Manganese-54	18-1147	AAB4527	0	1	ft	SS	<	0.0305	0	0	0.0305		3.5	PCI/G				septic tank	G	19054	38489	RAD
Manganese-54	18-1147	AAB4530	0	5	ft	SS	<	0.0258	0	0	0.0258		3.5	PCI/G				septic tank	G	19054	38489	RAD
Manganese-54	18-1165	AAB4547	2.5	5	ft	SS	<	0.0188	0	0	0.0188		3.5	PCI/G				drainfield	G	19269	37219	RAD
Manganese-54	18-1165	AAB4549	7.5	10	ft	SS		0.0396	0.01	0.03	0.0096		3.5	PCI/G				drainfield	G	19269	37219	RAD
Manganese-54	18-1165	AAB4549	7.5	10	ft	SS	<	0.0212	0	0	0.0212		3.5	PCI/G		D		drainfield	G	19269	37219	RAD
Manganese-54	18-1165	AAB4551	7	15	ft	SS	<	0.0187	0	0	0.0187		3.5	PCI/G				drainfield	G	19269	37219	RAD
Manganese-54	18-1166	AAB4555	0	5	ft	SS	<	0.026	0	0	0.026		3.5	PCI/G				drainfield	G	19267	37087	RAD
Manganese-54	18-1166	AAB4557	5	10	ft	SS	<	0.0181	0	0	0.0181		3.5	PCI/G	FD			drainfield	G	19267	37087	RAD
Manganese-54	18-1166	AAB4558	5	10	ft	SS	<	0.0238	0	0	0.0238		3.5	PCI/G	FD			drainfield	G	19267	37087	RAD
Manganese-54	18-1166	AAB4560	15	20	ft	MS	<	0.02	0	0	0.02		3.5	PCI/G				drainfield	G	19267	37087	RAD
Manganese-54	18-1166	AAB4560	0	15	ft	MS	<	0.02	0	0	0.02		3.5	PCI/G				drainfield	G	19267	37087	RAD
Manganese-54	18-1166	AAB4560	25	30	ft	MS	<	0.02	0	0	0.02		3.5	PCI/G				drainfield	G	19267	37087	RAD
Manganese-54	18-1166	AAB4560	35	40	ft	MS	<	0.02	0	0	0.02		3.5	PCI/G				drainfield	G	19267	37087	RAD
Neptunium-237	18-1145	AAB4525	0	4	in	SS	-	0.021	0.0155	0.0465	-0.0255		1.9	PCI/G				septic tank	G	19519	32322	RAD
Neptunium-237	18-1153	AAB4542	0	4	in	SS	-	0.001	0.0225	0.0675	-0.0665		1.9	PCI/G				drainfield	G	19519	32322	RAD
Neptunium-237	18-1155	AAB4543	0	4	in	SS	-	0.008	0.02	0.06	-0.052		1.9	PCI/G				drainfield	G	19519	32322	RAD
Neptunium-237	18-1156	AAB4544	0	4	in	SS	-	0.021	0.0215	0.0645	-0.0435		1.9	PCI/G				drainfield	G	19519	32322	RAD
Neptunium-237	18-1156	AAB4544	0	4	in	SS	-	0.022	0.023	0.069	-0.047		1.9	PCI/G		D		drainfield	G	19519	32322	RAD
Neptunium-237	18-1157	AAB4545	0	4	in	SS		0.002	0.0195	0.0585	-0.0565		1.9	PCI/G				drainfield	G	19519	32322	RAD
Neptunium-237	18-1159	AAB4546	0	4	in	SS	-	0.028	0.0155	0.0465	-0.0185		1.9	PCI/G				drainfield	G	19519	32322	RAD
Neptunium-237	18-1165	AAB4552	0	15	ft	W		2.39	1.7	5.1	-2.71		15	PCI/L				drainfield	G	19531	31960	RAD
Neptunium-237	18-1166	AAB4561	0	40	ft	W	-	1.53	1.725	5.175	-3.645		15	PCI/L				drainfield	G	19531	31960	RAD

SAMPLING DATA FOR PRS 18-003(c)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sel Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Neptunium-237	18-1166	AAB4561	0	40	ft	W	-	3.552	1.645	4.935	-1.383		15	PCI/L		D		drainfield	G	19531	31960	RAD
Plutonium-238	18-1040	AAA5813				W		0.08	0.03	0.09	-0.01		15	PCI/L					RAS	15837	25255	RAD
Plutonium-238	18-1040	AAA5814				W	-	0.02	0.04	0.12	-0.1		15	PCI/L	FD				RAS	15837	25255	RAD
Plutonium-238	18-1040	AAA5815				SS		0.635	0.037	0.111	0.524	0.014	27	PCI/G					RAS	15888	29267	RAD
Plutonium-238	18-1040	AAA5816				SS		1.6	0.065	0.195	1.405	0.014	27	PCI/G	FD				RAS	15888	29267	RAD
Plutonium-238	18-1145	AAB4525	0	4	in	SS		0.002	0.0005	0.0015	0.0005	0.014	27	PCI/G			U	septic tank	RAS	19519	32334	RAD
Plutonium-238	18-1146	AAB4526	0	1	ft	SS		0.03	0.0025	0.0075	0.0225	0.014	27	PCI/G				septic tank	RAS	19054	37482	RAD
Plutonium-238	18-1146	AAB4528	0	5	ft	SS		0.06	0.003	0.009	0.051	0.014	27	PCI/G				septic tank	RAS	19054	37482	RAD
Plutonium-238	18-1147	AAB4527	0	1	ft	SS		0.02	0.0025	0.0075	0.0125	0.014	27	PCI/G				septic tank	RAS	19054	37482	RAD
Plutonium-238	18-1147	AAB4530	0	5	ft	SS		0.01	0.0025	0.0075	0.0025	0.014	27	PCI/G				septic tank	RAS	19054	37482	RAD
Plutonium-238	18-1153	AAB4542	0	4	in	SS		0.016	0.003	0.009	0.007	0.014	27	PCI/G				drainfield	RAS	19519	32334	RAD
Plutonium-238	18-1155	AAB4543	0	4	in	SS		0.002	0.0005	0.0015	0.0005	0.014	27	PCI/G			U	drainfield	RAS	19519	32334	RAD
Plutonium-238	18-1156	AAB4544	0	4	in	SS		0.005	0.0015	0.0045	0.0005	0.014	27	PCI/G			U	drainfield	RAS	19519	32334	RAD
Plutonium-238	18-1157	AAB4545	0	4	in	SS		0.009	0.0025	0.0075	0.0015	0.014	27	PCI/G			U	drainfield	RAS	19519	32334	RAD
Plutonium-238	18-1159	AAB4546	0	4	in	SS		0.009	0.002	0.006	0.003	0.014	27	PCI/G			U	drainfield	RAS	19519	32334	RAD
Plutonium-238	18-1159	AAB4546	0	4	in	SS		0.005	0.001	0.003	0.002	0.014	27	PCI/G		D	U	drainfield	RAS	19519	32334	RAD
Plutonium-238	18-1165	AAB4547	2.5	5	ft	SS		0	0	0	0	0.014	27	PCI/G				drainfield	RAS	19269	37198	RAD
Plutonium-238	18-1165	AAB4549	7.5	10	ft	SS		0.01	0	0	0.01	0.014	27	PCI/G				drainfield	RAS	19269	37198	RAD
Plutonium-238	18-1165	AAB4551	7	15	ft	SS		0	0	0	0	0.014	27	PCI/G				drainfield	RAS	19269	37198	RAD
Plutonium-238	18-1165	AAB4552	0	15	ft	W		0.018	0.0045	0.0135	0.0045		15	PCI/L				drainfield	RAS	19531	31953	RAD
Plutonium-238	18-1165	AAB4554				W		0.014	0.0055	0.0165	-0.0025		15	PCI/L	EB			drainfield	RAS	19531	31953	RAD
Plutonium-238	18-1166	AAB4555	0	5	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-238	18-1166	AAB4557	5	10	ft	SS		0	0.01	0.03	-0.03	0.014	27	PCI/G	FD			drainfield	RAS	19267	37090	RAD
Plutonium-238	18-1166	AAB4558	5	10	ft	SS		0.01	0.01	0.03	-0.02	0.014	27	PCI/G	FD			drainfield	RAS	19267	37090	RAD
Plutonium-238	18-1166	AAB4560	15	20	ft	MS		0	0.01	0.03	-0.03	0.014	27	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-238	18-1166	AAB4560	0	15	ft	MS		0	0.01	0.03	-0.03	0.014	27	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-238	18-1166	AAB4561	0	40	ft	W		0.004	0.001	0.003	0.001		15	PCI/L				drainfield	RAS	19531	31953	RAD
Plutonium-238	18-1652	AAB5268	0	12	in	SS		0.009	0.002	0.006	0.003	0.014	27	PCI/G				Septic tank outfall - AAB5266	RAS	20470	35422	RAD
Plutonium-238	18-1653	AAB5269	0	12	in	SS		0.014	0.003	0.009	0.005	0.014	27	PCI/G				Septic tank outfall - AAB5267	RAS	20470	35422	RAD
Plutonium-238	18-1166	AAB4560	35	40	ft	MS		0	0.01	0.03	-0.03	0.014	27	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-238	18-1166	AAB4560	25	30	ft	MS		0	0.01	0.03	-0.03	0.014	27	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-239	18-1040	AAA5813				W		0.02	0.02	0.06	-0.04		15	PCI/L					RAS	15837	25255	RAD
Plutonium-239	18-1040	AAA5814				W		0	0.02	0.06	-0.06		15	PCI/L	FD				RAS	15837	25255	RAD
Plutonium-239	18-1040	AAA5815				SS		27.09	0.851	2.553	24.537	0.052	24	PCI/G					RAS	15888	29267	RAD
Plutonium-239	18-1040	AAA5816				SS		62.24	1.802	5.406	56.834	0.052	24	PCI/G	FD				RAS	15888	29267	RAD
Plutonium-239	18-1145	AAB4525	0	4	in	SS		0.007	0.0025	0.0075	-0.0005	0.052	24	PCI/G			J	septic tank	RAS	19519	32334	RAD
Plutonium-239	18-1146	AAB4526	0	1	ft	SS		0	0.003	0.009	-0.009	0.052	24	PCI/G			J	septic tank	RAS	19054	37482	RAD
Plutonium-239	18-1146	AAB4528	0	5	ft	SS		0.01	0.001	0.003	0.007	0.052	24	PCI/G			J	septic tank	RAS	19054	37482	RAD
Plutonium-239	18-1147	AAB4527	0	1	ft	SS		0	0.001	0.003	-0.003	0.052	24	PCI/G			J	septic tank	RAS	19054	37482	RAD
Plutonium-239	18-1147	AAB4530	0	5	ft	SS		0	0.0015	0.0045	-0.0045	0.052	24	PCI/G			J	septic tank	RAS	19054	37482	RAD
Plutonium-239	18-1153	AAB4542	0	4	in	SS		0.002	0.001	0.003	-0.001	0.052	24	PCI/G			J	drainfield	RAS	19519	32334	RAD
Plutonium-239	18-1155	AAB4543	0	4	in	SS		0	0.0045	0.0135	-0.0135	0.052	24	PCI/G			J	drainfield	RAS	19519	32334	RAD
Plutonium-239	18-1156	AAB4544	0	4	in	SS		0.002	0.0015	0.0045	-0.0025	0.052	24	PCI/G			J	drainfield	RAS	19519	32334	RAD
Plutonium-239	18-1157	AAB4545	0	4	in	SS		0.007	0.0025	0.0075	-0.0005	0.052	24	PCI/G			J	drainfield	RAS	19519	32334	RAD
Plutonium-239	18-1159	AAB4546	0	4	in	SS		0.007	0.002	0.006	0.001	0.052	24	PCI/G			J	drainfield	RAS	19519	32334	RAD
Plutonium-239	18-1159	AAB4546	0	4	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G		D	J	drainfield	RAS	19519	32334	RAD
Plutonium-239	18-1165	AAB4547	2.5	5	ft	SS		0	0	0	0	0.052	24	PCI/G				drainfield	RAS	19269	37198	RAD
Plutonium-239	18-1165	AAB4549	7.5	10	ft	SS		0	0	0	0	0.052	24	PCI/G				drainfield	RAS	19269	37198	RAD
Plutonium-239	18-1165	AAB4551	7	15	ft	SS		0	0	0	0	0.052	24	PCI/G				drainfield	RAS	19269	37198	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-239	18-1165	AAB4552	0	15	ft	W		0.036	0.0125	0.0375	-0.0015		15	PCI/L				drainfield	RAS	19531	31953	RAD
Plutonium-239	18-1165	AAB4554				W		0.19	0.008	0.024	0.166		15	PCI/L	EB			drainfield	RAS	19531	31953	RAD
Plutonium-239	18-1166	AAB4555	0	5	ft	SS		0.01	0.01	0.03	-0.02	0.052	24	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-239	18-1166	AAB4557	5	10	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G	FD			drainfield	RAS	19267	37090	RAD
Plutonium-239	18-1166	AAB4558	5	10	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G	FD			drainfield	RAS	19267	37090	RAD
Plutonium-239	18-1166	AAB4560	0	15	ft	MS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-239	18-1166	AAB4560	15	20	ft	MS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-239	18-1166	AAB4561	0	40	ft	W		0.414	0.0565	0.1695	0.2445		15	PCI/L				drainfield	RAS	19531	31953	RAD
Plutonium-239	18-1652	AAB5268	0	12	in	SS		0.002	0.001	0.003	-0.001	0.052	24	PCI/G				Septic tank outfall - AAB5266	RAS	20470	35422	RAD
Plutonium-239	18-1653	AAB5269	0	12	in	SS		0.007	0.0025	0.0075	-0.0005	0.052	24	PCI/G				Septic tank outfall - AAB5267	RAS	20470	35422	RAD
Plutonium-239	18-1166	AAB4560	35	40	ft	MS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	19267	37090	RAD
Plutonium-239	18-1166	AAB4560	25	30	ft	MS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	19267	37090	RAD
Potassium-40	18-1146	AAB4526	0	1	ft	SS		28.508	1.02	3.06	25.448	28.6	12	PCI/G				septic tank	G	19054	38489	RAD
Potassium-40	18-1146	AAB4528	0	5	ft	SS		25.98	1.05	3.15	22.83	28.6	12	PCI/G				septic tank	G	19054	38489	RAD
Potassium-40	18-1147	AAB4527	0	1	ft	SS		26.924	1.11	3.33	23.594	28.6	12	PCI/G				septic tank	G	19054	38489	RAD
Potassium-40	18-1147	AAB4530	0	5	ft	SS		28.217	1.05	3.15	25.067	28.6	12	PCI/G				septic tank	G	19054	38489	RAD
Potassium-40	18-1165	AAB4547	2.5	5	ft	SS		28.884	1.03	3.09	25.794	28.6	12	PCI/G				drainfield	G	19269	37219	RAD
Potassium-40	18-1165	AAB4549	7.5	10	ft	SS		28.491	1.04	3.12	25.371	28.6	12	PCI/G		D		drainfield	G	19269	37219	RAD
Potassium-40	18-1165	AAB4549	7.5	10	ft	SS	<	0.62	0	0	0.62	28.6	12	PCI/G				drainfield	G	19269	37219	RAD
Potassium-40	18-1165	AAB4551	7	15	ft	SS	<	0.663	0	0	0.663	28.6	12	PCI/G				drainfield	G	19269	37219	RAD
Potassium-40	18-1166	AAB4555	0	5	ft	SS		28.613	1.07	3.21	25.403	28.6	12	PCI/G				drainfield	G	19267	37087	RAD
Potassium-40	18-1166	AAB4557	5	10	ft	SS	<	0.686	0	0	0.686	28.6	12	PCI/G	FD		R	drainfield	G	19267	37087	RAD
Potassium-40	18-1166	AAB4558	5	10	ft	SS		24.959	0.97	2.91	22.049	28.6	12	PCI/G	FD			drainfield	G	19267	37087	RAD
Potassium-40	18-1166	AAB4560	15	20	ft	MS	<	0.7	0	0	0.7	28.6	12	PCI/G			R	drainfield	G	19267	37087	RAD
Potassium-40	18-1166	AAB4560	0	15	ft	MS	<	0.7	0	0	0.7	28.6	12	PCI/G			R	drainfield	G	19267	37087	RAD
Potassium-40	18-1166	AAB4560	25	30	ft	MS	<	0.7	0	0	0.7	28.6	12	PCI/G			R	drainfield	G	19267	37087	RAD
Potassium-40	18-1166	AAB4560	35	40	ft	MS	<	0.7	0	0	0.7	28.6	12	PCI/G			R	drainfield	G	19267	37087	RAD
Protactinium-231	18-1146	AAB4526	0	1	ft	SS	<	0.348	0	0	0.348			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-231	18-1146	AAB4528	0	5	ft	SS	<	0.582	0	0	0.582			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-231	18-1147	AAB4527	0	1	ft	SS	<	0.505	0	0	0.505			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-231	18-1147	AAB4530	0	5	ft	SS	<	0.297	0	0	0.297			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-231	18-1165	AAB4547	2.5	5	ft	SS	<	0.403	0	0	0.403			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-231	18-1165	AAB4549	7.5	10	ft	SS	<	0.414	0	0	0.414			PCI/G		D		drainfield	G	19269	37219	RAD
Protactinium-231	18-1165	AAB4549	7.5	10	ft	SS	<	0.305	0	0	0.305			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-231	18-1165	AAB4551	7	15	ft	SS	<	0.288	0	0	0.288			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-231	18-1166	AAB4555	0	5	ft	SS	<	0.417	0	0	0.417			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-231	18-1166	AAB4557	5	10	ft	SS	<	0.298	0	0	0.298			PCI/G	FD			drainfield	G	19267	37087	RAD
Protactinium-231	18-1166	AAB4558	5	10	ft	SS	<	0.556	0	0	0.556			PCI/G	FD			drainfield	G	19267	37087	RAD
Protactinium-231	18-1166	AAB4560	0	15	ft	MS	<	0.369	0	0	0.369			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-231	18-1166	AAB4560	15	20	ft	MS	<	0.369	0	0	0.369			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-231	18-1166	AAB4560	25	30	ft	MS	<	0.369	0	0	0.369			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-231	18-1166	AAB4560	35	40	ft	MS	<	0.369	0	0	0.369			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234	18-1146	AAB4526	0	1	ft	SS	<	0.108	0	0	0.108			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234	18-1146	AAB4528	0	5	ft	SS	<	0.18	0	0	0.18			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234	18-1147	AAB4527	0	1	ft	SS	<	0.174	0	0	0.174			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234	18-1147	AAB4530	0	5	ft	SS	<	0.174	0	0	0.174			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234	18-1165	AAB4547	2.5	5	ft	SS	<	0.114	0	0	0.114			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-234	18-1165	AAB4549	7.5	10	ft	SS	<	0.0875	0	0	0.0875			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-234	18-1165	AAB4549	7.5	10	ft	SS	<	0.0523	0	0	0.0523			PCI/G		D		drainfield	G	19269	37219	RAD

SAMPLING DATA FOR PRS 18-003(c)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Protactinium-234	18-1165	AAB4551	7	15	ft	SS	<	0.104	0	0	0.104			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-234	18-1166	AAB4555	0	5	ft	SS	<	0.147	0	0	0.147			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234	18-1166	AAB4557	5	10	ft	SS	<	0.112	0	0	0.112			PCI/G	FD			drainfield	G	19267	37087	RAD
Protactinium-234	18-1166	AAB4558	5	10	ft	SS	<	0.151	0	0	0.151			PCI/G	FD			drainfield	G	19267	37087	RAD
Protactinium-234	18-1166	AAB4560	0	15	ft	MS	<	0.114	0	0	0.114			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234	18-1166	AAB4560	15	20	ft	MS	<	0.114	0	0	0.114			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234	18-1166	AAB4560	35	40	ft	MS	<	0.114	0	0	0.114			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234	18-1166	AAB4560	25	30	ft	MS	<	0.114	0	0	0.114			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234M	18-1146	AAB4526	0	1	ft	SS	<	3.08	0	0	3.08			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234M	18-1146	AAB4528	0	5	ft	SS	<	4.19	0	0	4.19			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234M	18-1147	AAB4527	0	1	ft	SS	<	4.44	0	0	4.44			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234M	18-1147	AAB4530	0	5	ft	SS	<	3.86	0	0	3.86			PCI/G				septic tank	G	19054	38489	RAD
Protactinium-234M	18-1165	AAB4547	2.5	5	ft	SS		7.6356	2.09	6.27	1.3656			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-234M	18-1165	AAB4549	7.5	10	ft	SS	<	2.42	0	0	2.42			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-234M	18-1165	AAB4549	7.5	10	ft	SS	<	2.9	0	0	2.9			PCI/G		D		drainfield	G	19269	37219	RAD
Protactinium-234M	18-1165	AAB4551	7	15	ft	SS	<	2.4	0	0	2.4			PCI/G				drainfield	G	19269	37219	RAD
Protactinium-234M	18-1166	AAB4555	0	5	ft	SS	<	3.85	0	0	3.85			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234M	18-1166	AAB4557	5	10	ft	SS	<	2.47	0	0	2.47			PCI/G	FD			drainfield	G	19267	37087	RAD
Protactinium-234M	18-1166	AAB4558	5	10	ft	SS	<	3.6	0	0	3.6			PCI/G	FD			drainfield	G	19267	37087	RAD
Protactinium-234M	18-1166	AAB4560	0	15	ft	MS	<	1.83	0	0	1.83			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234M	18-1166	AAB4560	15	20	ft	MS	<	1.83	0	0	1.83			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234M	18-1166	AAB4560	25	30	ft	MS	<	1.83	0	0	1.83			PCI/G				drainfield	G	19267	37087	RAD
Protactinium-234M	18-1166	AAB4560	35	40	ft	MS	<	1.83	0	0	1.83			PCI/G				drainfield	G	19267	37087	RAD
Radium-223	18-1146	AAB4526	0	1	ft	SS	<	0.164	0	0	0.164			PCI/G				septic tank	G	19054	38489	RAD
Radium-223	18-1146	AAB4528	0	5	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Radium-223	18-1147	AAB4527	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Radium-223	18-1147	AAB4530	0	5	ft	SS		0.6289	0.21	0.63	-0.0011			PCI/G				septic tank	G	19054	38489	RAD
Radium-223	18-1165	AAB4547	2.5	5	ft	SS	<	0.186	0	0	0.186			PCI/G				drainfield	G	19269	37219	RAD
Radium-223	18-1165	AAB4549	7.5	10	ft	SS	<	0.168	0	0	0.168			PCI/G				drainfield	G	19269	37219	RAD
Radium-223	18-1165	AAB4549	7.5	10	ft	SS	<	0.211	0	0	0.211			PCI/G		D		drainfield	G	19269	37219	RAD
Radium-223	18-1165	AAB4551	7	15	ft	SS	<	0.186	0	0	0.186			PCI/G				drainfield	G	19269	37219	RAD
Radium-223	18-1166	AAB4555	0	5	ft	SS	<	0.21	0	0	0.21			PCI/G				drainfield	G	19267	37087	RAD
Radium-223	18-1166	AAB4557	5	10	ft	SS	<	0.175	0	0	0.175			PCI/G	FD			drainfield	G	19267	37087	RAD
Radium-223	18-1166	AAB4558	5	10	ft	SS	<	0.192	0	0	0.192			PCI/G	FD			drainfield	G	19267	37087	RAD
Radium-223	18-1166	AAB4560	0	15	ft	MS	<	0.185	0	0	0.185			PCI/G				drainfield	G	19267	37087	RAD
Radium-223	18-1166	AAB4560	15	20	ft	MS	<	0.185	0	0	0.185			PCI/G				drainfield	G	19267	37087	RAD
Radium-223	18-1166	AAB4560	35	40	ft	MS	<	0.185	0	0	0.185			PCI/G				drainfield	G	19267	37087	RAD
Radium-223	18-1166	AAB4560	25	30	ft	MS	<	0.185	0	0	0.185			PCI/G				drainfield	G	19267	37087	RAD
Radium-224	18-1146	AAB4526	0	1	ft	SS		2.8572	0.36	1.08	1.7772			PCI/G				septic tank	G	19054	38489	RAD
Radium-224	18-1146	AAB4528	0	5	ft	SS		1.8044	0.4	1.2	0.6044			PCI/G				septic tank	G	19054	38489	RAD
Radium-224	18-1147	AAB4527	0	1	ft	SS		2.1289	0.41	1.23	0.8989			PCI/G				septic tank	G	19054	38489	RAD
Radium-224	18-1147	AAB4530	0	5	ft	SS		2.7845	0.42	1.26	1.5245			PCI/G				septic tank	G	19054	38489	RAD
Radium-224	18-1165	AAB4547	2.5	5	ft	SS		2.095	0.35	1.05	1.045			PCI/G			J	drainfield	G	19269	37219	RAD
Radium-224	18-1165	AAB4549	7.5	10	ft	SS		3.1453	0.4	1.2	1.9453			PCI/G		D	J	drainfield	G	19269	37219	RAD
Radium-224	18-1165	AAB4549	7.5	10	ft	SS		2.1262	0.35	1.05	1.0762			PCI/G			J	drainfield	G	19269	37219	RAD
Radium-224	18-1165	AAB4551	7	15	ft	SS		1.9944	0.39	1.17	0.8244			PCI/G			J	drainfield	G	19269	37219	RAD
Radium-224	18-1166	AAB4555	0	5	ft	SS		2.947	0.41	1.23	1.717			PCI/G				drainfield	G	19267	37087	RAD
Radium-224	18-1166	AAB4557	5	10	ft	SS		2.2968	0.39	1.17	1.1268			PCI/G	FD			drainfield	G	19267	37087	RAD
Radium-224	18-1166	AAB4558	5	10	ft	SS		3.6773	0.43	1.29	2.3873			PCI/G	FD			drainfield	G	19267	37087	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Radium-224	18-1166	AAB4560	0	15	ft	MS		1.9556	0.37	1.11	0.8456			PCI/G				drainfield	G	19267	37087	RAD
Radium-224	18-1166	AAB4560	15	20	ft	MS		1.9556	0.37	1.11	0.8456			PCI/G				drainfield	G	19267	37087	RAD
Radium-224	18-1166	AAB4560	25	30	ft	MS		1.9556	0.37	1.11	0.8456			PCI/G				drainfield	G	19267	37087	RAD
Radium-224	18-1166	AAB4560	35	40	ft	MS		1.9556	0.37	1.11	0.8456			PCI/G				drainfield	G	19267	37087	RAD
Radium-226	18-1146	AAB4526	0	1	ft	SS		2.8549	0.35	1.05	1.8049		0.1	PCI/G				septic tank	G	19054	38489	RAD
Radium-226	18-1146	AAB4528	0	5	ft	SS		1.608	0.47	1.41	0.198		0.1	PCI/G				septic tank	G	19054	38489	RAD
Radium-226	18-1147	AAB4527	0	1	ft	SS		1.5215	0.39	1.17	0.3515		0.1	PCI/G				septic tank	G	19054	38489	RAD
Radium-226	18-1147	AAB4530	0	5	ft	SS		2.0975	0.41	1.23	0.8675		0.1	PCI/G				septic tank	G	19054	38489	RAD
Radium-226	18-1165	AAB4547	2.5	5	ft	SS		3.0753	0.41	1.23	1.8453		0.1	PCI/G			J	drainfield	G	19269	37219	RAD
Radium-226	18-1165	AAB4549	7.5	10	ft	SS		2.2995	0.4	1.2	1.0995		0.1	PCI/G			J	drainfield	G	19269	37219	RAD
Radium-226	18-1165	AAB4549	7.5	10	ft	SS		3.819	0.41	1.23	2.589		0.1	PCI/G		D	J	drainfield	G	19269	37219	RAD
Radium-226	18-1165	AAB4551	7	15	ft	SS		2.0319	0.3	0.9	1.1319		0.1	PCI/G			J	drainfield	G	19269	37219	RAD
Radium-226	18-1166	AAB4555	0	5	ft	SS		3.5849	0.59	1.77	1.8149		0.1	PCI/G				drainfield	G	19267	37087	RAD
Radium-226	18-1166	AAB4557	5	10	ft	SS		2.8769	0.35	1.05	1.8269		0.1	PCI/G	FD			drainfield	G	19267	37087	RAD
Radium-226	18-1166	AAB4558	5	10	ft	SS		4.0758	0.46	1.38	2.6958		0.1	PCI/G	FD			drainfield	G	19267	37087	RAD
Radium-226	18-1166	AAB4560	0	15	ft	MS		2.9829	0.4	1.2	1.7829		0.1	PCI/G				drainfield	G	19267	37087	RAD
Radium-226	18-1166	AAB4560	15	20	ft	MS		2.9829	0.4	1.2	1.7829		0.1	PCI/G				drainfield	G	19267	37087	RAD
Radium-226	18-1166	AAB4560	25	30	ft	MS		2.9829	0.4	1.2	1.7829		0.1	PCI/G				drainfield	G	19267	37087	RAD
Radium-226	18-1166	AAB4560	35	40	ft	MS		2.9829	0.4	1.2	1.7829		0.1	PCI/G				drainfield	G	19267	37087	RAD
Radon-219	18-1146	AAB4526	0	1	ft	SS	<	0.159	0	0	0.159			PCI/G				septic tank	G	19054	38489	RAD
Radon-219	18-1146	AAB4528	0	5	ft	SS	<	0.299	0	0	0.299			PCI/G				septic tank	G	19054	38489	RAD
Radon-219	18-1147	AAB4527	0	1	ft	SS	<	0.261	0	0	0.261			PCI/G				septic tank	G	19054	38489	RAD
Radon-219	18-1147	AAB4530	0	5	ft	SS	<	0.268	0	0	0.268			PCI/G				septic tank	G	19054	38489	RAD
Radon-219	18-1165	AAB4547	2.5	5	ft	SS	<	0.198	0	0	0.198			PCI/G				drainfield	G	19269	37219	RAD
Radon-219	18-1165	AAB4549	7.5	10	ft	SS	<	0.198	0	0	0.198			PCI/G		D		drainfield	G	19269	37219	RAD
Radon-219	18-1165	AAB4549	7.5	10	ft	SS	<	0.169	0	0	0.169			PCI/G				drainfield	G	19269	37219	RAD
Radon-219	18-1165	AAB4551	7	15	ft	SS	<	0.231	0	0	0.231			PCI/G				drainfield	G	19269	37219	RAD
Radon-219	18-1166	AAB4555	0	5	ft	SS	<	0.157	0	0	0.157			PCI/G				drainfield	G	19267	37087	RAD
Radon-219	18-1166	AAB4557	5	10	ft	SS	<	0.221	0	0	0.221			PCI/G	FD			drainfield	G	19267	37087	RAD
Radon-219	18-1166	AAB4558	5	10	ft	SS	<	0.247	0	0	0.247			PCI/G	FD			drainfield	G	19267	37087	RAD
Radon-219	18-1166	AAB4560	15	20	ft	MS	<	0.204	0	0	0.204			PCI/G				drainfield	G	19267	37087	RAD
Radon-219	18-1166	AAB4560	0	15	ft	MS	<	0.204	0	0	0.204			PCI/G				drainfield	G	19267	37087	RAD
Radon-219	18-1166	AAB4560	25	30	ft	MS	<	0.204	0	0	0.204			PCI/G				drainfield	G	19267	37087	RAD
Radon-219	18-1166	AAB4560	35	40	ft	MS	<	0.204	0	0	0.204			PCI/G				drainfield	G	19267	37087	RAD
Ruthenium-106	18-1145	AAB4525	0	4	in	SS	-	0.058	0.115	0.345	-0.287		13	PCI/G				septic tank	G	19519	32322	RAD
Ruthenium-106	18-1146	AAB4526	0	1	ft	SS	<	0.0969	0	0	0.0969		13	PCI/G				septic tank	G	19054	38489	RAD
Ruthenium-106	18-1146	AAB4528	0	5	ft	SS	<	0.249	0	0	0.249		13	PCI/G				septic tank	G	19054	38489	RAD
Ruthenium-106	18-1147	AAB4527	0	1	ft	SS	<	0.216	0	0	0.216		13	PCI/G				septic tank	G	19054	38489	RAD
Ruthenium-106	18-1147	AAB4530	0	5	ft	SS	<	0.149	0	0	0.149		13	PCI/G				septic tank	G	19054	38489	RAD
Ruthenium-106	18-1153	AAB4542	0	4	in	SS	-	0.047	0.1445	0.4335	-0.3865		13	PCI/G				drainfield	G	19519	32322	RAD
Ruthenium-106	18-1155	AAB4543	0	4	in	SS		0.194	0.1405	0.4215	-0.2275		13	PCI/G				drainfield	G	19519	32322	RAD
Ruthenium-106	18-1156	AAB4544	0	4	in	SS		0.307	0.172	0.516	-0.209		13	PCI/G				drainfield	G	19519	32322	RAD
Ruthenium-106	18-1156	AAB4544	0	4	in	SS		0.278	0.1575	0.4725	-0.1945		13	PCI/G		D		drainfield	G	19519	32322	RAD
Ruthenium-106	18-1157	AAB4545	0	4	in	SS	-	0.316	0.127	0.381	-0.065		13	PCI/G				drainfield	G	19519	32322	RAD
Ruthenium-106	18-1159	AAB4546	0	4	in	SS	-	0.138	0.108	0.324	-0.186		13	PCI/G				drainfield	G	19519	32322	RAD
Ruthenium-106	18-1165	AAB4547	2.5	5	ft	SS	<	0.153	0	0	0.153		13	PCI/G				drainfield	G	19269	37219	RAD
Ruthenium-106	18-1165	AAB4549	7.5	10	ft	SS	<	0.0872	0	0	0.0872		13	PCI/G				drainfield	G	19269	37219	RAD
Ruthenium-106	18-1165	AAB4549	7.5	10	ft	SS	<	0.165	0	0	0.165		13	PCI/G		D		drainfield	G	19269	37219	RAD
Ruthenium-106	18-1165	AAB4551	7	15	ft	SS	<	0.16	0	0	0.16		13	PCI/G				drainfield	G	19269	37219	RAD

SAMPLING DATA FOR PRS 18-003(c)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Ruthenium-106	18-1165	AAB4552	0	15	ft	W		16.5	12.35	37.05	-20.55		210	PCI/L				drainfield	G	19531	31960	RAD
Ruthenium-106	18-1166	AAB4555	0	5	ft	SS	<	0.191	0	0	0.191		13	PCI/G				drainfield	G	19267	37087	RAD
Ruthenium-106	18-1166	AAB4557	5	10	ft	SS	<	0.15	0	0	0.15		13	PCI/G	FD			drainfield	G	19267	37087	RAD
Ruthenium-106	18-1166	AAB4558	5	10	ft	SS	<	0.19	0	0	0.19		13	PCI/G	FD			drainfield	G	19267	37087	RAD
Ruthenium-106	18-1166	AAB4560	15	20	ft	MS	<	0.131	0	0	0.131		13	PCI/G				drainfield	G	19267	37087	RAD
Ruthenium-106	18-1166	AAB4560	0	15	ft	MS	<	0.131	0	0	0.131		13	PCI/G				drainfield	G	19267	37087	RAD
Ruthenium-106	18-1166	AAB4561	0	40	ft	W	-	9.844	11.9	35.7	-25.856		210	PCI/L		D		drainfield	G	19531	31960	RAD
Ruthenium-106	18-1166	AAB4561	0	40	ft	W	-	3.47	12.35	37.05	-33.58		210	PCI/L				drainfield	G	19531	31960	RAD
Ruthenium-106	18-1166	AAB4560	25	30	ft	MS	<	0.131	0	0	0.131		13	PCI/G				drainfield	G	19267	37087	RAD
Ruthenium-106	18-1166	AAB4560	35	40	ft	MS	<	0.131	0	0	0.131		13	PCI/G				drainfield	G	19267	37087	RAD
Sodium-22	18-1145	AAB4525	0	4	in	SS	-	0.024	0.0175	0.0525	-0.0285		1.3	PCI/G				septic tank	G	19519	32322	RAD
Sodium-22	18-1146	AAB4526	0	1	ft	SS	<	0.0202	0	0	0.0202		1.3	PCI/G				septic tank	G	19054	38489	RAD
Sodium-22	18-1146	AAB4528	0	5	ft	SS	<	0.0104	0	0	0.0104		1.3	PCI/G				septic tank	G	19054	38489	RAD
Sodium-22	18-1147	AAB4527	0	1	ft	SS	<	0.0242	0	0	0.0242		1.3	PCI/G				septic tank	G	19054	38489	RAD
Sodium-22	18-1147	AAB4530	0	5	ft	SS	<	0.0185	0	0	0.0185		1.3	PCI/G				septic tank	G	19054	38489	RAD
Sodium-22	18-1153	AAB4542	0	4	in	SS		0.001	0.018	0.054	-0.053		1.3	PCI/G				drainfield	G	19519	32322	RAD
Sodium-22	18-1155	AAB4543	0	4	in	SS		0.004	0.0155	0.0465	-0.0425		1.3	PCI/G				drainfield	G	19519	32322	RAD
Sodium-22	18-1156	AAB4544	0	4	in	SS	-	0.005	0.018	0.054	-0.049		1.3	PCI/G		D		drainfield	G	19519	32322	RAD
Sodium-22	18-1156	AAB4544	0	4	in	SS		0.028	0.021	0.063	-0.035		1.3	PCI/G				drainfield	G	19519	32322	RAD
Sodium-22	18-1157	AAB4545	0	4	in	SS	-	0.006	0.0155	0.0465	-0.0405		1.3	PCI/G				drainfield	G	19519	32322	RAD
Sodium-22	18-1159	AAB4546	0	4	in	SS	-	0.009	0.012	0.036	-0.027		1.3	PCI/G				drainfield	G	19519	32322	RAD
Sodium-22	18-1165	AAB4547	2.5	5	ft	SS	<	0.0167	0	0	0.0167		1.3	PCI/G				drainfield	G	19269	37219	RAD
Sodium-22	18-1165	AAB4549	7.5	10	ft	SS	<	0.0146	0	0	0.0146		1.3	PCI/G				drainfield	G	19269	37219	RAD
Sodium-22	18-1165	AAB4549	7.5	10	ft	SS	<	0.0115	0	0	0.0115		1.3	PCI/G		D		drainfield	G	19269	37219	RAD
Sodium-22	18-1165	AAB4551	7	15	ft	SS	<	0.014	0	0	0.014		1.3	PCI/G				drainfield	G	19269	37219	RAD
Sodium-22	18-1165	AAB4552	0	15	ft	W	-	1.466	1.365	4.095	-2.629		500	PCI/L				drainfield	G	19531	31960	RAD
Sodium-22	18-1166	AAB4555	0	5	ft	SS	<	0.0189	0	0	0.0189		1.3	PCI/G				drainfield	G	19267	37087	RAD
Sodium-22	18-1166	AAB4557	5	10	ft	SS	<	0.0128	0	0	0.0128		1.3	PCI/G	FD			drainfield	G	19267	37087	RAD
Sodium-22	18-1166	AAB4558	5	10	ft	SS	<	0.0181	0	0	0.0181		1.3	PCI/G	FD			drainfield	G	19267	37087	RAD
Sodium-22	18-1166	AAB4560	15	20	ft	MS	<	0.01	0	0	0.01		1.3	PCI/G				drainfield	G	19267	37087	RAD
Sodium-22	18-1166	AAB4560	0	15	ft	MS	<	0.01	0	0	0.01		1.3	PCI/G				drainfield	G	19267	37087	RAD
Sodium-22	18-1166	AAB4561	0	40	ft	W		0.739	1.42	4.26	-3.521		500	PCI/L		D		drainfield	G	19531	31960	RAD
Sodium-22	18-1166	AAB4561	0	40	ft	W		0.063	1.405	4.215	-4.152		500	PCI/L				drainfield	G	19531	31960	RAD
Sodium-22	18-1166	AAB4560	25	30	ft	MS	<	0.01	0	0	0.01		1.3	PCI/G				drainfield	G	19267	37087	RAD
Sodium-22	18-1166	AAB4560	35	40	ft	MS	<	0.01	0	0	0.01		1.3	PCI/G				drainfield	G	19267	37087	RAD
Thallium-208	18-1146	AAB4526	0	1	ft	SS		0.5192	0.03	0.09	0.4292			PCI/G				septic tank	G	19054	38489	RAD
Thallium-208	18-1146	AAB4528	0	5	ft	SS		0.4309	0.04	0.12	0.3109			PCI/G				septic tank	G	19054	38489	RAD
Thallium-208	18-1147	AAB4527	0	1	ft	SS		0.4539	0.04	0.12	0.3339			PCI/G				septic tank	G	19054	38489	RAD
Thallium-208	18-1147	AAB4530	0	5	ft	SS		0.5595	0.04	0.12	0.4395			PCI/G				septic tank	G	19054	38489	RAD
Thallium-208	18-1165	AAB4547	2.5	5	ft	SS		0.4673	0.03	0.09	0.3773			PCI/G				drainfield	G	19269	37219	RAD
Thallium-208	18-1165	AAB4549	7.5	10	ft	SS		0.5866	0.03	0.09	0.4966			PCI/G		D		drainfield	G	19269	37219	RAD
Thallium-208	18-1165	AAB4549	7.5	10	ft	SS		0.4319	0.02	0.06	0.3719			PCI/G				drainfield	G	19269	37219	RAD
Thallium-208	18-1165	AAB4551	7	15	ft	SS		0.4191	0.03	0.09	0.3291			PCI/G				drainfield	G	19269	37219	RAD
Thallium-208	18-1166	AAB4555	0	5	ft	SS		0.4571	0.03	0.09	0.3671			PCI/G				drainfield	G	19267	37087	RAD
Thallium-208	18-1166	AAB4557	5	10	ft	SS		0.4467	0.03	0.09	0.3567			PCI/G	FD			drainfield	G	19267	37087	RAD
Thallium-208	18-1166	AAB4558	5	10	ft	SS		0.5573	0.03	0.09	0.4673			PCI/G	FD			drainfield	G	19267	37087	RAD
Thallium-208	18-1166	AAB4560	15	20	ft	MS		0.4174	0.03	0.09	0.3274			PCI/G				drainfield	G	19267	37087	RAD
Thallium-208	18-1166	AAB4560	0	15	ft	MS		0.4174	0.03	0.09	0.3274			PCI/G				drainfield	G	19267	37087	RAD
Thallium-208	18-1166	AAB4560	25	30	ft	MS		0.4174	0.03	0.09	0.3274			PCI/G				drainfield	G	19267	37087	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thallium-208	18-1166	AAB4560	35	40	ft	MS		0.4174	0.03	0.09	0.3274			PCI/G				drainfield	G	19267	37087	RAD
Thorium-227	18-1146	AAB4526	0	1	ft	SS	<	0.237	0	0	0.237			PCI/G				septic tank	G	19054	38489	RAD
Thorium-227	18-1146	AAB4528	0	5	ft	SS	<	0.305	0	0	0.305			PCI/G				septic tank	G	19054	38489	RAD
Thorium-227	18-1147	AAB4527	0	1	ft	SS	<	0.324	0	0	0.324			PCI/G				septic tank	G	19054	38489	RAD
Thorium-227	18-1147	AAB4530	0	5	ft	SS	<	0.284	0	0	0.284			PCI/G				septic tank	G	19054	38489	RAD
Thorium-227	18-1165	AAB4547	2.5	5	ft	SS	<	0.229	0	0	0.229			PCI/G				drainfield	G	19269	37219	RAD
Thorium-227	18-1165	AAB4549	7.5	10	ft	SS	<	0.266	0	0	0.266			PCI/G		D		drainfield	G	19269	37219	RAD
Thorium-227	18-1165	AAB4549	7.5	10	ft	SS	<	0.21	0	0	0.21			PCI/G				drainfield	G	19269	37219	RAD
Thorium-227	18-1165	AAB4551	7	15	ft	SS		0.235	0	0	0.235			PCI/G				drainfield	G	19269	37219	RAD
Thorium-227	18-1166	AAB4555	0	5	ft	SS	<	0.284	0	0	0.284			PCI/G				drainfield	G	19267	37087	RAD
Thorium-227	18-1166	AAB4557	5	10	ft	SS	<	0.239	0	0	0.239			PCI/G	FD			drainfield	G	19267	37087	RAD
Thorium-227	18-1166	AAB4558	5	10	ft	SS	<	0.289	0	0	0.289			PCI/G	FD			drainfield	G	19267	37087	RAD
Thorium-227	18-1166	AAB4560	15	20	ft	MS	<	0.226	0	0	0.226			PCI/G				drainfield	G	19267	37087	RAD
Thorium-227	18-1166	AAB4560	0	15	ft	MS	<	0.226	0	0	0.226			PCI/G				drainfield	G	19267	37087	RAD
Thorium-227	18-1166	AAB4560	25	30	ft	MS	<	0.226	0	0	0.226			PCI/G				drainfield	G	19267	37087	RAD
Thorium-227	18-1166	AAB4560	35	40	ft	MS	<	0.226	0	0	0.226			PCI/G				drainfield	G	19267	37087	RAD
Thorium-234	18-1146	AAB4526	0	1	ft	SS	<	0.552	0	0	0.552			PCI/G				septic tank	G	19054	38489	RAD
Thorium-234	18-1146	AAB4528	0	5	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Thorium-234	18-1147	AAB4527	0	1	ft	SS	<	0	0	0	0			PCI/G				septic tank	G	19054	38489	RAD
Thorium-234	18-1147	AAB4530	0	5	ft	SS	<	0.537	0	0	0.537			PCI/G				septic tank	G	19054	38489	RAD
Thorium-234	18-1165	AAB4547	2.5	5	ft	SS	<	0.514	0	0	0.514			PCI/G				drainfield	G	19269	37219	RAD
Thorium-234	18-1165	AAB4549	7.5	10	ft	SS	<	0.588	0	0	0.588			PCI/G		D		drainfield	G	19269	37219	RAD
Thorium-234	18-1165	AAB4549	7.5	10	ft	SS	<	0.403	0	0	0.403			PCI/G				drainfield	G	19269	37219	RAD
Thorium-234	18-1165	AAB4551	7	15	ft	SS	<	0.468	0	0	0.468			PCI/G				drainfield	G	19269	37219	RAD
Thorium-234	18-1166	AAB4555	0	5	ft	SS	<	0.603	0	0	0.603			PCI/G				drainfield	G	19267	37087	RAD
Thorium-234	18-1166	AAB4557	5	10	ft	SS	<	0.466	0	0	0.466			PCI/G	FD			drainfield	G	19267	37087	RAD
Thorium-234	18-1166	AAB4558	5	10	ft	SS	<	0.627	0	0	0.627			PCI/G	FD			drainfield	G	19267	37087	RAD
Thorium-234	18-1166	AAB4560	15	20	ft	MS	<	0.295	0	0	0.295			PCI/G				drainfield	G	19267	37087	RAD
Thorium-234	18-1166	AAB4560	0	15	ft	MS	<	0.295	0	0	0.295			PCI/G				drainfield	G	19267	37087	RAD
Thorium-234	18-1166	AAB4560	25	30	ft	MS	<	0.295	0	0	0.295			PCI/G				drainfield	G	19267	37087	RAD
Thorium-234	18-1166	AAB4560	35	40	ft	MS	<	0.295	0	0	0.295			PCI/G				drainfield	G	19267	37087	RAD
Uranium	18-1040	AAA5813				W		13.84	1.38	4.14	9.7			UG/L					KPA	15837	22177	RAD
Uranium	18-1040	AAA5814				W		14.53	1.45	4.35	10.18			UG/L	FD				KPA	15837	22177	RAD
Uranium	18-1040	AAA5815				SS		660	180	540	120	5.45		MG/KG					KPA	15888	28756	RAD
Uranium	18-1040	AAA5816				SS		520	120	360	160	5.45		MG/KG	FD				KPA	15888	28756	RAD
Uranium	18-1145	AAB4525	0	4	in	SS		2.54	0.17	0.51	2.03	5.45		MG/KG			J	septic tank	KPA	19519	32338	RAD
Uranium	18-1146	AAB4526	0	1	ft	SS		0.514	0.0257	0.0771	0.4369	5.45		MG/KG			J	septic tank	KPA	19054	37486	RAD
Uranium	18-1146	AAB4528	0	5	ft	SS		0.514	0.0257	0.0771	0.4369	5.45		MG/KG			J	septic tank	KPA	19054	37486	RAD
Uranium	18-1147	AAB4527	0	1	ft	SS		0.514	0.0257	0.0771	0.4369	5.45		MG/KG			J	septic tank	KPA	19054	37486	RAD
Uranium	18-1147	AAB4530	0	5	ft	SS		0.514	0.0257	0.0771	0.4369	5.45		MG/KG			J	septic tank	KPA	19054	37486	RAD
Uranium	18-1153	AAB4542	0	4	in	SS		3.99	0.27	0.81	3.18	5.45		MG/KG			J	drainfield	KPA	19519	32338	RAD
Uranium	18-1153	AAB4542	0	4	in	SS		2.93	0.2	0.6	2.33	5.45		MG/KG		D	J	drainfield	KPA	19519	32338	RAD
Uranium	18-1155	AAB4543	0	4	in	SS		2.85	0.19	0.57	2.28	5.45		MG/KG			J	drainfield	KPA	19519	32338	RAD
Uranium	18-1156	AAB4544	0	4	in	SS		3.62	0.245	0.735	2.885	5.45		MG/KG			J	drainfield	KPA	19519	32338	RAD
Uranium	18-1157	AAB4545	0	4	in	SS		4.67	0.315	0.945	3.725	5.45		MG/KG			J	drainfield	KPA	19519	32338	RAD
Uranium	18-1159	AAB4546	0	4	in	SS		3.29	0.22	0.66	2.63	5.45		MG/KG			J	drainfield	KPA	19519	32338	RAD
Uranium	18-1165	AAB4547	2.5	5	ft	SS		0.332	0.0664	0.1992	0.1328	5.45		MG/KG				drainfield	ICPMS	19269	37217	RAD
Uranium	18-1165	AAB4549	7.5	10	ft	SS		0.685	0.137	0.411	0.274	5.45		MG/KG				drainfield	ICPMS	19269	37217	RAD
Uranium	18-1165	AAB4551	7	15	ft	SS		0.9	0.18	0.54	0.36	5.45		MG/KG				drainfield	ICPMS	19269	37217	RAD

SAMPLING DATA FOR PRS 18-003(c)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sel Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1165	AAB4552	0	15	ft	W		1.68	0.115	0.345	1.335			UG/L				drainfield	KPA	19531	31959	RAD
Uranium	18-1165	AAB4554				W		0.07	0.005	0.015	0.055			UG/L	EB			drainfield	KPA	19531	31959	RAD
Uranium	18-1166	AAB4555	0	5	ft	SS		0.448	0.0896	0.2688	0.1792	5.45		MG/KG				drainfield	KPA	19267	37092	RAD
Uranium	18-1166	AAB4557	5	10	ft	SS		0.76	0.152	0.456	0.304	5.45		MG/KG	FD			drainfield	KPA	19267	37092	RAD
Uranium	18-1166	AAB4558	5	10	ft	SS		0.909	0.1818	0.5454	0.3636	5.45		MG/KG	FD			drainfield	KPA	19267	37092	RAD
Uranium	18-1166	AAB4560	0	15	ft	MS		0.676	0.1352	0.4056	0.2704	5.45		MG/KG				drainfield	KPA	19267	37092	RAD
Uranium	18-1166	AAB4560	15	20	ft	MS		0.676	0.1352	0.4056	0.2704	5.45		MG/KG				drainfield	KPA	19267	37092	RAD
Uranium	18-1166	AAB4561	0	40	ft	W		0.02	0.025	0.075	-0.055			UG/L			J	drainfield	KPA	19531	31959	RAD
Uranium	18-1652	AAB5268	0	12	in	SS		2.04	0.14	0.42	1.62	5.45		MG/KG			J	Septic tank outfall - AAB5266	KPA	20470	35411	RAD
Uranium	18-1653	AAB5269	0	12	in	SS		1.96	0.13	0.39	1.57	5.45		MG/KG		D	J	Septic tank outfall - AAB5267	KPA	20470	35411	RAD
Uranium	18-1653	AAB5269	0	12	in	SS		1.79	0.12	0.36	1.43	5.45		MG/KG			J	Septic tank outfall - AAB5267	KPA	20470	35411	RAD
Uranium	18-1166	AAB4560	25	30	ft	MS		0.676	0.1352	0.4056	0.2704	5.45		MG/KG				drainfield	KPA	19267	37092	RAD
Uranium	18-1166	AAB4560	35	40	ft	MS		0.676	0.1352	0.4056	0.2704	5.45		MG/KG				drainfield	KPA	19267	37092	RAD
Uranium-235	18-1146	AAB4526	0	1	ft	SS	<	0.0937	0	0	0.0937	0.084	10	PCI/G				septic tank	G	19054	38489	RAD
Uranium-235	18-1146	AAB4528	0	5	ft	SS	<	0	0	0	0	0.084	10	PCI/G				septic tank	G	19054	38489	RAD
Uranium-235	18-1147	AAB4527	0	1	ft	SS	<	0	0	0	0	0.084	10	PCI/G				septic tank	G	19054	38489	RAD
Uranium-235	18-1147	AAB4530	0	5	ft	SS	<	0.118	0	0	0.118	0.084	10	PCI/G				septic tank	G	19054	38489	RAD
Uranium-235	18-1165	AAB4547	2.5	5	ft	SS	<	0.0881	0	0	0.0881	0.084	10	PCI/G				drainfield	G	19269	37219	RAD
Uranium-235	18-1165	AAB4549	7.5	10	ft	SS	<	0.0931	0	0	0.0931	0.084	10	PCI/G		D		drainfield	G	19269	37219	RAD
Uranium-235	18-1165	AAB4549	7.5	10	ft	SS	<	0.0678	0	0	0.0678	0.084	10	PCI/G				drainfield	G	19269	37219	RAD
Uranium-235	18-1165	AAB4551	7	15	ft	SS	<	0.077	0	0	0.077	0.084	10	PCI/G				drainfield	G	19269	37219	RAD
Uranium-235	18-1166	AAB4555	0	5	ft	SS	<	0.115	0	0	0.115	0.084	10	PCI/G				drainfield	G	19267	37087	RAD
Uranium-235	18-1166	AAB4557	5	10	ft	SS	<	0.09	0	0	0.09	0.084	10	PCI/G	FD			drainfield	G	19267	37087	RAD
Uranium-235	18-1166	AAB4558	5	10	ft	SS	<	0.109	0	0	0.109	0.084	10	PCI/G	FD			drainfield	G	19267	37087	RAD
Uranium-235	18-1166	AAB4560	15	20	ft	MS		0.1709	0.07	0.21	-0.0391	0.084	10	PCI/G				drainfield	G	19267	37087	RAD
Uranium-235	18-1166	AAB4560	0	15	ft	MS		0.1709	0.07	0.21	-0.0391	0.084	10	PCI/G				drainfield	G	19267	37087	RAD
Uranium-235	18-1166	AAB4560	25	30	ft	MS		0.1709	0.07	0.21	-0.0391	0.084	10	PCI/G				drainfield	G	19267	37087	RAD
Uranium-235	18-1166	AAB4560	35	40	ft	MS		0.1709	0.07	0.21	-0.0391	0.084	10	PCI/G				drainfield	G	19267	37087	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Actinium-228	18-1173	AAB4568	0	6	in	SS		0.7631	0.05	0.15	0.6131			PCI/G				septic tank	G	18767	37133	RAD
Actinium-228	18-1176	AAB4569	0	12	in	SS		0.9719	0.1	0.3	0.6719			PCI/G				septic tank	G	18933	37314	RAD
Actinium-228	18-1176	AAB4571	0	5	ft	SS		0.9708	0.12	0.36	0.6108			PCI/G				septic tank	G	18933	37314	RAD
Actinium-228	18-1177	AAB4573	0	5	ft	SS		1.3322	0.13	0.39	0.9422			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Actinium-228	18-1177	AAB4573	0	5	ft	SS		1.0014	0.11	0.33	0.6714			PCI/G	FD			septic tank	G	18933	37314	RAD
Actinium-228	18-1177	AAB4574	0	5	ft	SS		1.5605	0.14	0.42	1.1405			PCI/G	FD			septic tank	G	18933	37314	RAD
Actinium-228	18-1180	AAB4586	0	6	in	SS		0.8284	0.06	0.18	0.6484			PCI/G				drainfield	G	18767	37133	RAD
Actinium-228	18-1181	AAB4587	0	6	in	SS		0.8525	0.06	0.18	0.6725			PCI/G				drainfield	G	18767	37133	RAD
Actinium-228	18-1182	AAB4588	0	6	in	SS		0.8461	0.08	0.24	0.6061			PCI/G				drainfield	G	18767	37133	RAD
Actinium-228	18-1185	AAB4570	0	12	in	SS		1.1833	0.13	0.39	0.7933			PCI/G				septic tank	G	18933	37314	RAD
Actinium-228	18-1187	AAB4589	0	6	in	SS		1.0746	0.06	0.18	0.8946			PCI/G		D		drainfield	G	18767	37133	RAD
Actinium-228	18-1187	AAB4589	0	6	in	SS		0.8538	0.06	0.18	0.6738			PCI/G				drainfield	G	18767	37133	RAD
Actinium-228	18-1188	AAB4590	0	6	in	SS		0.859	0.06	0.18	0.679			PCI/G				drainfield	G	18767	37133	RAD
Actinium-228	18-1195	AAB4595	10	15	ft	SS		1.4716	0.11	0.33	1.1416			PCI/G				drainfield	G	18933	37314	RAD
Actinium-228	18-1195	AAB4596	10	15	ft	W	<	11.7	0	0	11.7			PCI/L				drainfield	G	18933	37314	RAD
Actinium-228	18-1195	AAB4596	10	15	ft	W	<	7.04	0	0	7.04			PCI/L				drainfield	G	18933	37314	RAD
Americium-241	18-1173	AAB4568	0	6	in	SS	<	0.0318	0	0	0.0318		22	PCI/G				septic tank	G	18767	37133	RAD
Americium-241	18-1176	AAB4569	0	12	in	SS	<	0.0741	0	0	0.0741		22	PCI/G			J	septic tank	G	18933	37314	RAD
Americium-241	18-1176	AAB4571	0	5	ft	SS	<	0.0471	0	0	0.0471		22	PCI/G			J	septic tank	G	18933	37314	RAD
Americium-241	18-1177	AAB4573	0	5	ft	SS	<	0.0682	0	0	0.0682		22	PCI/G	FD		J	septic tank	G	18933	37314	RAD
Americium-241	18-1177	AAB4573	0	5	ft	SS	<	0.0465	0	0	0.0465		22	PCI/G	FD	D	J	septic tank	G	18933	37314	RAD
Americium-241	18-1177	AAB4574	0	5	ft	SS	<	0.0766	0	0	0.0766		22	PCI/G	FD		J	septic tank	G	18933	37314	RAD
Americium-241	18-1180	AAB4586	0	6	in	SS	<	0.0363	0	0	0.0363		22	PCI/G				drainfield	G	18767	37133	RAD
Americium-241	18-1181	AAB4587	0	6	in	SS	<	0.039	0	0	0.039		22	PCI/G				drainfield	G	18767	37133	RAD
Americium-241	18-1182	AAB4588	0	6	in	SS	<	0.0422	0	0	0.0422		22	PCI/G				drainfield	G	18767	37133	RAD
Americium-241	18-1185	AAB4570	0	12	in	SS	<	0.0956	0	0	0.0956		22	PCI/G			J	septic tank	G	18933	37314	RAD
Americium-241	18-1187	AAB4589	0	6	in	SS	<	0.0426	0	0	0.0426		22	PCI/G		D		drainfield	G	18767	37133	RAD
Americium-241	18-1187	AAB4589	0	6	in	SS	<	0.0338	0	0	0.0338		22	PCI/G				drainfield	G	18767	37133	RAD
Americium-241	18-1188	AAB4590	0	6	in	SS	<	0.0317	0	0	0.0317		22	PCI/G				drainfield	G	18767	37133	RAD
Americium-241	18-1195	AAB4595	10	15	ft	SS	<	0.0668	0	0	0.0668		22	PCI/G				drainfield	G	18933	37314	RAD
Americium-241	18-1195	AAB4596	10	15	ft	W	<	8.53	0	0	8.53		15	PCI/L				drainfield	G	18933	37314	RAD
Americium-241	18-1195	AAB4596	10	15	ft	W	<	10.2	0	0	10.2		15	PCI/L				drainfield	G	18933	37314	RAD
Bismuth-211	18-1173	AAB4568	0	6	in	SS	<	0.0997	0	0	0.0997			PCI/G				septic tank	G	18767	37133	RAD
Bismuth-211	18-1176	AAB4569	0	12	in	SS		0.4456	0.21	0.63	-0.1844			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-211	18-1176	AAB4571	0	5	ft	SS	<	0.252	0	0	0.252			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-211	18-1177	AAB4573	0	5	ft	SS		0.515	0.2	0.6	-0.085			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Bismuth-211	18-1177	AAB4573	0	5	ft	SS	<	0.257	0	0	0.257			PCI/G	FD			septic tank	G	18933	37314	RAD
Bismuth-211	18-1177	AAB4574	0	5	ft	SS		0.5813	0.25	0.75	-0.1687			PCI/G	FD			septic tank	G	18933	37314	RAD
Bismuth-211	18-1180	AAB4586	0	6	in	SS	<	0.143	0	0	0.143			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-211	18-1181	AAB4587	0	6	in	SS		0.2331	0.12	0.36	-0.1269			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-211	18-1182	AAB4588	0	6	in	SS	<	0.139	0	0	0.139			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-211	18-1185	AAB4570	0	12	in	SS	<	0.265	0	0	0.265			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-211	18-1187	AAB4589	0	6	in	SS	<	0.149	0	0	0.149			PCI/G		D		drainfield	G	18767	37133	RAD
Bismuth-211	18-1187	AAB4589	0	6	in	SS		0.2432	0.12	0.36	-0.1168			PCI/G				drainfield	G	18767	37133	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Bismuth-211	18-1188	AAB4590	0	6	in	SS	<	0.14	0	0	0.14			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-211	18-1195	AAB4595	10	15	ft	SS		0.6403	0.2	0.6	0.0403			PCI/G				drainfield	G	18933	37314	RAD
Bismuth-211	18-1195	AAB4596	10	15	ft	W	<	16.1	0	0	16.1			PCI/L				drainfield	G	18933	37314	RAD
Bismuth-211	18-1195	AAB4596	10	15	ft	W	<	19.1	0	0	19.1			PCI/L				drainfield	G	18933	37314	RAD
Bismuth-212	18-1173	AAB4568	0	6	in	SS	<	0.294	0	0	0.294			PCI/G				septic tank	G	18767	37133	RAD
Bismuth-212	18-1176	AAB4569	0	12	in	SS	<	0.8	0	0	0.8			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-212	18-1176	AAB4571	0	5	ft	SS	<	0.209	0	0	0.209			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-212	18-1177	AAB4573	0	5	ft	SS	<	0.991	0	0	0.991			PCI/G	FD			septic tank	G	18933	37314	RAD
Bismuth-212	18-1177	AAB4573	0	5	ft	SS	<	0.521	0	0	0.521			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Bismuth-212	18-1177	AAB4574	0	5	ft	SS		4.189	1.19	3.57	0.619			PCI/G	FD			septic tank	G	18933	37314	RAD
Bismuth-212	18-1180	AAB4586	0	6	in	SS	<	0.346	0	0	0.346			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-212	18-1181	AAB4587	0	6	in	SS		0.8093	0.31	0.93	-0.1207			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-212	18-1182	AAB4588	0	6	in	SS	<	0.448	0	0	0.448			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-212	18-1185	AAB4570	0	12	in	SS	<	0.863	0	0	0.863			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-212	18-1187	AAB4589	0	6	in	SS	<	0.42	0	0	0.42			PCI/G		D		drainfield	G	18767	37133	RAD
Bismuth-212	18-1187	AAB4589	0	6	in	SS	<	0.489	0	0	0.489			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-212	18-1188	AAB4590	0	6	in	SS	<	0.342	0	0	0.342			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-212	18-1195	AAB4595	10	15	ft	SS	<	0.403	0	0	0.403			PCI/G				drainfield	G	18933	37314	RAD
Bismuth-212	18-1195	AAB4596	10	15	ft	W		154.21	50.96	152.88	1.33			PCI/L				drainfield	G	18933	37314	RAD
Bismuth-212	18-1195	AAB4596	10	15	ft	W	<	63.7	0	0	63.7			PCI/L				drainfield	G	18933	37314	RAD
Bismuth-214	18-1173	AAB4568	0	6	in	SS		0.651	0.03	0.09	0.561			PCI/G				septic tank	G	18767	37133	RAD
Bismuth-214	18-1176	AAB4569	0	12	in	SS		0.8331	0.07	0.21	0.6231			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-214	18-1176	AAB4571	0	5	ft	SS		0.6784	0.06	0.18	0.4984			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-214	18-1177	AAB4573	0	5	ft	SS		0.9011	0.07	0.21	0.6911			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Bismuth-214	18-1177	AAB4573	0	5	ft	SS		0.8258	0.06	0.18	0.6458			PCI/G	FD			septic tank	G	18933	37314	RAD
Bismuth-214	18-1177	AAB4574	0	5	ft	SS		0.9296	0.08	0.24	0.6896			PCI/G	FD			septic tank	G	18933	37314	RAD
Bismuth-214	18-1180	AAB4586	0	6	in	SS		0.6628	0.04	0.12	0.5428			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-214	18-1181	AAB4587	0	6	in	SS		0.6294	0.04	0.12	0.5094			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-214	18-1182	AAB4588	0	6	in	SS		0.6016	0.04	0.12	0.4816			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-214	18-1185	AAB4570	0	12	in	SS		0.824	0.07	0.21	0.614			PCI/G				septic tank	G	18933	37314	RAD
Bismuth-214	18-1187	AAB4589	0	6	in	SS		0.6579	0.04	0.12	0.5379			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-214	18-1187	AAB4589	0	6	in	SS		0.766	0.04	0.12	0.646			PCI/G		D		drainfield	G	18767	37133	RAD
Bismuth-214	18-1188	AAB4590	0	6	in	SS		0.6998	0.04	0.12	0.5798			PCI/G				drainfield	G	18767	37133	RAD
Bismuth-214	18-1195	AAB4595	10	15	ft	SS		0.9467	0.07	0.21	0.7367			PCI/G				drainfield	G	18933	37314	RAD
Bismuth-214	18-1195	AAB4596	10	15	ft	W	<	5.66	0	0	5.66			PCI/L				drainfield	G	18933	37314	RAD
Bismuth-214	18-1195	AAB4596	10	15	ft	W	<	7.63	0	0	7.63			PCI/L				drainfield	G	18933	37314	RAD
Cerium-144	18-1173	AAB4568	0	6	in	SS	<	0.075	0	0	0.075		56	PCI/G				septic tank	G	18767	37133	RAD
Cerium-144	18-1176	AAB4569	0	12	in	SS	<	0.201	0	0	0.201		56	PCI/G				septic tank	G	18933	37314	RAD
Cerium-144	18-1176	AAB4571	0	5	ft	SS	<	0.161	0	0	0.161		56	PCI/G				septic tank	G	18933	37314	RAD
Cerium-144	18-1177	AAB4573	0	5	ft	SS	<	0.175	0	0	0.175		56	PCI/G	FD	D		septic tank	G	18933	37314	RAD
Cerium-144	18-1177	AAB4573	0	5	ft	SS	<	0.196	0	0	0.196		56	PCI/G	FD			septic tank	G	18933	37314	RAD
Cerium-144	18-1177	AAB4574	0	5	ft	SS	<	0.25	0	0	0.25		56	PCI/G	FD			septic tank	G	18933	37314	RAD
Cerium-144	18-1180	AAB4586	0	6	in	SS	<	0.0613	0	0	0.0613		56	PCI/G				drainfield	G	18767	37133	RAD
Cerium-144	18-1181	AAB4587	0	6	in	SS	<	0.0768	0	0	0.0768		56	PCI/G				drainfield	G	18767	37133	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cerium-144	18-1182	AAB4588	0	6	in	SS	<	0.08	0	0	0.08		56	PCI/G				drainfield	G	18767	37133	RAD
Cerium-144	18-1185	AAB4570	0	12	in	SS	<	0.206	0	0	0.206		56	PCI/G				septic tank	G	18933	37314	RAD
Cerium-144	18-1187	AAB4589	0	6	in	SS	<	0.0764	0	0	0.0764		56	PCI/G				drainfield	G	18767	37133	RAD
Cerium-144	18-1187	AAB4589	0	6	in	SS	<	0.0826	0	0	0.0826		56	PCI/G		D		drainfield	G	18767	37133	RAD
Cerium-144	18-1188	AAB4590	0	6	in	SS	<	0.0974	0	0	0.0974		56	PCI/G				drainfield	G	18767	37133	RAD
Cerium-144	18-1195	AAB4595	10	15	ft	SS	<	0.161	0	0	0.161		56	PCI/G				drainfield	G	18933	37314	RAD
Cerium-144	18-1195	AAB4596	10	15	ft	W	<	17.4	0	0	17.4		270	PCI/L				drainfield	G	18933	37314	RAD
Cerium-144	18-1195	AAB4596	10	15	ft	W	<	9.44	0	0	9.44		270	PCI/L				drainfield	G	18933	37314	RAD
Cesium-134	18-1173	AAB4568	0	6	in	SS	<	0.0198	0	0	0.0198		1.9	PCI/G				septic tank	G	18767	37133	RAD
Cesium-134	18-1176	AAB4569	0	12	in	SS	<	0.0542	0	0	0.0542		1.9	PCI/G				septic tank	G	18933	37314	RAD
Cesium-134	18-1176	AAB4571	0	5	ft	SS	<	0.0505	0	0	0.0505		1.9	PCI/G				septic tank	G	18933	37314	RAD
Cesium-134	18-1177	AAB4573	0	5	ft	SS	<	0.0167	0	0	0.0167		1.9	PCI/G	FD	D		septic tank	G	18933	37314	RAD
Cesium-134	18-1177	AAB4573	0	5	ft	SS	<	0.0508	0	0	0.0508		1.9	PCI/G	FD			septic tank	G	18933	37314	RAD
Cesium-134	18-1177	AAB4574	0	5	ft	SS	<	0.0639	0	0	0.0639		1.9	PCI/G	FD			septic tank	G	18933	37314	RAD
Cesium-134	18-1180	AAB4586	0	6	in	SS	<	0.0073	0	0	0.0073		1.9	PCI/G				drainfield	G	18767	37133	RAD
Cesium-134	18-1181	AAB4587	0	6	in	SS	<	0.0267	0	0	0.0267		1.9	PCI/G				drainfield	G	18767	37133	RAD
Cesium-134	18-1182	AAB4588	0	6	in	SS	<	0.0068	0	0	0.0068		1.9	PCI/G				drainfield	G	18767	37133	RAD
Cesium-134	18-1185	AAB4570	0	12	in	SS	<	0.0555	0	0	0.0555		1.9	PCI/G				septic tank	G	18933	37314	RAD
Cesium-134	18-1187	AAB4589	0	6	in	SS	<	0.0297	0	0	0.0297		1.9	PCI/G		D		drainfield	G	18767	37133	RAD
Cesium-134	18-1187	AAB4589	0	6	in	SS	<	0.028	0	0	0.028		1.9	PCI/G				drainfield	G	18767	37133	RAD
Cesium-134	18-1188	AAB4590	0	6	in	SS	<	0.0282	0	0	0.0282		1.9	PCI/G				drainfield	G	18767	37133	RAD
Cesium-134	18-1195	AAB4595	10	15	ft	SS	<	0.052	0	0	0.052		1.9	PCI/G				drainfield	G	18933	37314	RAD
Cesium-134	18-1195	AAB4596	10	15	ft	W	<	1.19	0	0	1.19		75	PCI/L				drainfield	G	18933	37314	RAD
Cesium-134	18-1195	AAB4596	10	15	ft	W	<	1.71	0	0	1.71		75	PCI/L				drainfield	G	18933	37314	RAD
Cesium-137	18-1173	AAB4568	0	6	in	SS		0.096	0.01	0.03	0.066	1.4	5.1	PCI/G			J	septic tank	G	18767	37133	RAD
Cesium-137	18-1176	AAB4569	0	12	in	SS		0.1545	0.03	0.09	0.0645	1.4	5.1	PCI/G			J	septic tank	G	18933	37314	RAD
Cesium-137	18-1176	AAB4571	0	5	ft	SS	<	0.024	0	0	0.024	1.4	5.1	PCI/G			J	septic tank	G	18933	37314	RAD
Cesium-137	18-1177	AAB4573	0	5	ft	SS	<	0.026	0	0	0.026	1.4	5.1	PCI/G	FD	D	J	septic tank	G	18933	37314	RAD
Cesium-137	18-1177	AAB4573	0	5	ft	SS	<	0.0267	0	0	0.0267	1.4	5.1	PCI/G	FD		J	septic tank	G	18933	37314	RAD
Cesium-137	18-1177	AAB4574	0	5	ft	SS		0.1019	0.04	0.12	-0.0181	1.4	5.1	PCI/G	FD		J	septic tank	G	18933	37314	RAD
Cesium-137	18-1180	AAB4586	0	6	in	SS		0.0739	0.01	0.03	0.0439	1.4	5.1	PCI/G			J	drainfield	G	18767	37133	RAD
Cesium-137	18-1181	AAB4587	0	6	in	SS		0.0743	0.01	0.03	0.0443	1.4	5.1	PCI/G			J	drainfield	G	18767	37133	RAD
Cesium-137	18-1182	AAB4588	0	6	in	SS		0.1541	0.02	0.06	0.0941	1.4	5.1	PCI/G			J	drainfield	G	18767	37133	RAD
Cesium-137	18-1185	AAB4570	0	12	in	SS		0.0705	0.02	0.06	0.0105	1.4	5.1	PCI/G			J	septic tank	G	18933	37314	RAD
Cesium-137	18-1187	AAB4589	0	6	in	SS		0.0856	0.01	0.03	0.0556	1.4	5.1	PCI/G		D	J	drainfield	G	18767	37133	RAD
Cesium-137	18-1187	AAB4589	0	6	in	SS		0.1197	0.02	0.06	0.0597	1.4	5.1	PCI/G			J	drainfield	G	18767	37133	RAD
Cesium-137	18-1188	AAB4590	0	6	in	SS		0.128	0.01	0.03	0.098	1.4	5.1	PCI/G			J	drainfield	G	18767	37133	RAD
Cesium-137	18-1195	AAB4595	10	15	ft	SS	<	0.0176	0	0	0.0176	1.4	5.1	PCI/G				drainfield	G	18933	37314	RAD
Cesium-137	18-1195	AAB4596	10	15	ft	W	<	12.8	0	0	12.8		110	PCI/L			R	drainfield	G	18933	37314	RAD
Cesium-137	18-1195	AAB4596	10	15	ft	W	<	2.18	0	0	2.18		110	PCI/L			R	drainfield	G	18933	37314	RAD
Cobalt-57	18-1173	AAB4568	0	6	in	SS		0.0228	0.01	0.03	-0.0072			PCI/G				septic tank	G	18767	37133	RAD
Cobalt-57	18-1176	AAB4569	0	12	in	SS	<	0.023	0	0	0.023			PCI/G				septic tank	G	18933	37314	RAD
Cobalt-57	18-1176	AAB4571	0	5	ft	SS	<	0.024	0	0	0.024			PCI/G				septic tank	G	18933	37314	RAD
Cobalt-57	18-1177	AAB4573	0	5	ft	SS	<	0.0172	0	0	0.0172			PCI/G	FD			septic tank	G	18933	37314	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cobalt-57	18-1177	AAB4573	0	5	ft	SS	<	0.025	0	0	0.025			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Cobalt-57	18-1177	AAB4574	0	5	ft	SS	<	0.0247	0	0	0.0247			PCI/G	FD			septic tank	G	18933	37314	RAD
Cobalt-57	18-1180	AAB4586	0	6	in	SS	<	0.0087	0	0	0.0087			PCI/G				drainfield	G	18767	37133	RAD
Cobalt-57	18-1181	AAB4587	0	6	in	SS	<	0.0095	0	0	0.0095			PCI/G				drainfield	G	18767	37133	RAD
Cobalt-57	18-1182	AAB4588	0	6	in	SS	<	0.0107	0	0	0.0107			PCI/G				drainfield	G	18767	37133	RAD
Cobalt-57	18-1185	AAB4570	0	12	in	SS	<	0.0157	0	0	0.0157			PCI/G				septic tank	G	18933	37314	RAD
Cobalt-57	18-1187	AAB4589	0	6	in	SS	<	0.0078	0	0	0.0078			PCI/G				drainfield	G	18767	37133	RAD
Cobalt-57	18-1187	AAB4589	0	6	in	SS	<	0.008	0	0	0.008			PCI/G		D		drainfield	G	18767	37133	RAD
Cobalt-57	18-1188	AAB4590	0	6	in	SS	<	0.0117	0	0	0.0117			PCI/G				drainfield	G	18767	37133	RAD
Cobalt-57	18-1195	AAB4595	10	15	ft	SS	<	0.0252	0	0	0.0252			PCI/G				drainfield	G	18933	37314	RAD
Cobalt-57	18-1195	AAB4596	10	15	ft	W	<	1.81	0	0	1.81			PCI/L				drainfield	G	18933	37314	RAD
Cobalt-57	18-1195	AAB4596	10	15	ft	W	<	1.82	0	0	1.82			PCI/L				drainfield	G	18933	37314	RAD
Cobalt-60	18-1173	AAB4568	0	6	in	SS	<	0.0106	0	0	0.0106		1.1	PCI/G				septic tank	G	18767	37133	RAD
Cobalt-60	18-1176	AAB4569	0	12	in	SS	<	0.0244	0	0	0.0244		1.1	PCI/G				septic tank	G	18933	37314	RAD
Cobalt-60	18-1176	AAB4571	0	5	ft	SS	<	0.022	0	0	0.022		1.1	PCI/G				septic tank	G	18933	37314	RAD
Cobalt-60	18-1177	AAB4573	0	5	ft	SS	<	0.0276	0	0	0.0276		1.1	PCI/G	FD			septic tank	G	18933	37314	RAD
Cobalt-60	18-1177	AAB4573	0	5	ft	SS	<	0.0178	0	0	0.0178		1.1	PCI/G	FD	D		septic tank	G	18933	37314	RAD
Cobalt-60	18-1177	AAB4574	0	5	ft	SS	<	0.0297	0	0	0.0297		1.1	PCI/G	FD			septic tank	G	18933	37314	RAD
Cobalt-60	18-1180	AAB4586	0	6	in	SS	<	0.0113	0	0	0.0113		1.1	PCI/G				drainfield	G	18767	37133	RAD
Cobalt-60	18-1181	AAB4587	0	6	in	SS	<	0.0124	0	0	0.0124		1.1	PCI/G				drainfield	G	18767	37133	RAD
Cobalt-60	18-1182	AAB4588	0	6	in	SS	<	0.0119	0	0	0.0119		1.1	PCI/G				drainfield	G	18767	37133	RAD
Cobalt-60	18-1185	AAB4570	0	12	in	SS	<	0.0255	0	0	0.0255		1.1	PCI/G				septic tank	G	18933	37314	RAD
Cobalt-60	18-1187	AAB4589	0	6	in	SS	<	0.014	0	0	0.014		1.1	PCI/G		D		drainfield	G	18767	37133	RAD
Cobalt-60	18-1187	AAB4589	0	6	in	SS	<	0.0125	0	0	0.0125		1.1	PCI/G				drainfield	G	18767	37133	RAD
Cobalt-60	18-1188	AAB4590	0	6	in	SS	<	0.0113	0	0	0.0113		1.1	PCI/G				drainfield	G	18767	37133	RAD
Cobalt-60	18-1195	AAB4595	10	15	ft	SS	<	0.0116	0	0	0.0116		1.1	PCI/G				drainfield	G	18933	37314	RAD
Cobalt-60	18-1195	AAB4596	10	15	ft	W	<	1.74	0	0	1.74		200	PCI/L				drainfield	G	18933	37314	RAD
Cobalt-60	18-1195	AAB4596	10	15	ft	W	<	0.774	0	0	0.774		200	PCI/L				drainfield	G	18933	37314	RAD
Lead-210	18-1173	AAB4568	0	6	in	SS	<	0.521	0	0	0.521			PCI/G				septic tank	G	18767	37133	RAD
Lead-210	18-1176	AAB4569	0	12	in	SS	<	1.45	0	0	1.45			PCI/G				septic tank	G	18933	37314	RAD
Lead-210	18-1176	AAB4571	0	5	ft	SS	<	1.48	0	0	1.48			PCI/G				septic tank	G	18933	37314	RAD
Lead-210	18-1177	AAB4573	0	5	ft	SS	<	1.31	0	0	1.31			PCI/G	FD			septic tank	G	18933	37314	RAD
Lead-210	18-1177	AAB4573	0	5	ft	SS	<	1.26	0	0	1.26			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Lead-210	18-1177	AAB4574	0	5	ft	SS	<	1.83	0	0	1.83			PCI/G	FD			septic tank	G	18933	37314	RAD
Lead-210	18-1180	AAB4586	0	6	in	SS	<	0.615	0	0	0.615			PCI/G				drainfield	G	18767	37133	RAD
Lead-210	18-1181	AAB4587	0	6	in	SS	<	0.785	0	0	0.785			PCI/G				drainfield	G	18767	37133	RAD
Lead-210	18-1182	AAB4588	0	6	in	SS	<	0.745	0	0	0.745			PCI/G				drainfield	G	18767	37133	RAD
Lead-210	18-1185	AAB4570	0	12	in	SS	<	1.42	0	0	1.42			PCI/G				septic tank	G	18933	37314	RAD
Lead-210	18-1187	AAB4589	0	6	in	SS	<	0.714	0	0	0.714			PCI/G		D		drainfield	G	18767	37133	RAD
Lead-210	18-1187	AAB4589	0	6	in	SS	<	0.807	0	0	0.807			PCI/G				drainfield	G	18767	37133	RAD
Lead-210	18-1188	AAB4590	0	6	in	SS	<	0.71	0	0	0.71			PCI/G				drainfield	G	18767	37133	RAD
Lead-210	18-1195	AAB4595	10	15	ft	SS	<	1.29	0	0	1.29			PCI/G				drainfield	G	18933	37314	RAD
Lead-210	18-1195	AAB4596	10	15	ft	W	<	221	0	0	221			PCI/L				drainfield	G	18933	37314	RAD
Lead-210	18-1195	AAB4596	10	15	ft	W	<	252	0	0	252			PCI/L				drainfield	G	18933	37314	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Lead-211	18-1173	AAB4568	0	6	in	SS	<	0.215	0	0	0.215			PCI/G				septic tank	G	18767	37133	RAD
Lead-211	18-1176	AAB4569	0	12	in	SS	<	0.648	0	0	0.648			PCI/G				septic tank	G	18933	37314	RAD
Lead-211	18-1176	AAB4571	0	5	ft	SS	<	0.597	0	0	0.597			PCI/G				septic tank	G	18933	37314	RAD
Lead-211	18-1177	AAB4573	0	5	ft	SS	<	0.608	0	0	0.608			PCI/G	FD			septic tank	G	18933	37314	RAD
Lead-211	18-1177	AAB4573	0	5	ft	SS	<	0.616	0	0	0.616			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Lead-211	18-1177	AAB4574	0	5	ft	SS	<	0.704	0	0	0.704			PCI/G	FD			septic tank	G	18933	37314	RAD
Lead-211	18-1180	AAB4586	0	6	in	SS	<	0.358	0	0	0.358			PCI/G				drainfield	G	18767	37133	RAD
Lead-211	18-1181	AAB4587	0	6	in	SS	<	0.331	0	0	0.331			PCI/G				drainfield	G	18767	37133	RAD
Lead-211	18-1182	AAB4588	0	6	in	SS	<	0.298	0	0	0.298			PCI/G				drainfield	G	18767	37133	RAD
Lead-211	18-1185	AAB4570	0	12	in	SS	<	0.669	0	0	0.669			PCI/G				septic tank	G	18933	37314	RAD
Lead-211	18-1187	AAB4589	0	6	in	SS	<	0.331	0	0	0.331			PCI/G				drainfield	G	18767	37133	RAD
Lead-211	18-1187	AAB4589	0	6	in	SS	<	0.357	0	0	0.357			PCI/G		D		drainfield	G	18767	37133	RAD
Lead-211	18-1188	AAB4590	0	6	in	SS	<	0.322	0	0	0.322			PCI/G				drainfield	G	18767	37133	RAD
Lead-211	18-1195	AAB4595	10	15	ft	SS	<	0.543	0	0	0.543			PCI/G				drainfield	G	18933	37314	RAD
Lead-211	18-1195	AAB4596	10	15	ft	W	<	40.1	0	0	40.1			PCI/L				drainfield	G	18933	37314	RAD
Lead-211	18-1195	AAB4596	10	15	ft	W	<	50.2	0	0	50.2			PCI/L				drainfield	G	18933	37314	RAD
Lead-212	18-1173	AAB4568	0	6	in	SS		0.9098	0.04	0.12	0.7898			PCI/G				septic tank	G	18767	37133	RAD
Lead-212	18-1176	AAB4569	0	12	in	SS		1.193	0.07	0.21	0.983			PCI/G				septic tank	G	18933	37314	RAD
Lead-212	18-1176	AAB4571	0	5	ft	SS		0.9388	0.07	0.21	0.7288			PCI/G				septic tank	G	18933	37314	RAD
Lead-212	18-1177	AAB4573	0	5	ft	SS		1.1338	0.07	0.21	0.9238			PCI/G	FD			septic tank	G	18933	37314	RAD
Lead-212	18-1177	AAB4573	0	5	ft	SS		1.2677	0.07	0.21	1.0577			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Lead-212	18-1177	AAB4574	0	5	ft	SS		1.4927	0.09	0.27	1.2227			PCI/G	FD			septic tank	G	18933	37314	RAD
Lead-212	18-1180	AAB4586	0	6	in	SS		0.9681	0.05	0.15	0.8181			PCI/G				drainfield	G	18767	37133	RAD
Lead-212	18-1181	AAB4587	0	6	in	SS		1.0163	0.05	0.15	0.8663			PCI/G				drainfield	G	18767	37133	RAD
Lead-212	18-1182	AAB4588	0	6	in	SS		0.9003	0.04	0.12	0.7803			PCI/G				drainfield	G	18767	37133	RAD
Lead-212	18-1185	AAB4570	0	12	in	SS		1.1433	0.07	0.21	0.9333			PCI/G				septic tank	G	18933	37314	RAD
Lead-212	18-1187	AAB4589	0	6	in	SS		0.9577	0.05	0.15	0.8077			PCI/G				drainfield	G	18767	37133	RAD
Lead-212	18-1187	AAB4589	0	6	in	SS		1.0519	0.05	0.15	0.9019			PCI/G		D		drainfield	G	18767	37133	RAD
Lead-212	18-1188	AAB4590	0	6	in	SS		0.9313	0.04	0.12	0.8113			PCI/G				drainfield	G	18767	37133	RAD
Lead-212	18-1195	AAB4595	10	15	ft	SS		1.2414	0.07	0.21	1.0314			PCI/G				drainfield	G	18933	37314	RAD
Lead-212	18-1195	AAB4596	10	15	ft	W	<	6.35	0	0	6.35			PCI/L				drainfield	G	18933	37314	RAD
Lead-212	18-1195	AAB4596	10	15	ft	W	<	4.98	0	0	4.98			PCI/L				drainfield	G	18933	37314	RAD
Lead-214	18-1173	AAB4568	0	6	in	SS		0.6966	0.03	0.09	0.6066			PCI/G				septic tank	G	18767	37133	RAD
Lead-214	18-1176	AAB4569	0	12	in	SS		0.8199	0.06	0.18	0.6399			PCI/G				septic tank	G	18933	37314	RAD
Lead-214	18-1176	AAB4571	0	5	ft	SS		0.7408	0.07	0.21	0.5308			PCI/G				septic tank	G	18933	37314	RAD
Lead-214	18-1177	AAB4573	0	5	ft	SS		0.8607	0.07	0.21	0.6507			PCI/G	FD			septic tank	G	18933	37314	RAD
Lead-214	18-1177	AAB4573	0	5	ft	SS		0.9683	0.07	0.21	0.7583			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Lead-214	18-1177	AAB4574	0	5	ft	SS		0.9797	0.08	0.24	0.7397			PCI/G	FD			septic tank	G	18933	37314	RAD
Lead-214	18-1180	AAB4586	0	6	in	SS		0.7107	0.04	0.12	0.5907			PCI/G				drainfield	G	18767	37133	RAD
Lead-214	18-1181	AAB4587	0	6	in	SS		0.6805	0.04	0.12	0.5605			PCI/G				drainfield	G	18767	37133	RAD
Lead-214	18-1182	AAB4588	0	6	in	SS		0.6917	0.04	0.12	0.5717			PCI/G				drainfield	G	18767	37133	RAD
Lead-214	18-1185	AAB4570	0	12	in	SS		0.9417	0.07	0.21	0.7317			PCI/G				septic tank	G	18933	37314	RAD
Lead-214	18-1187	AAB4589	0	6	in	SS		0.6872	0.04	0.12	0.5672			PCI/G				drainfield	G	18767	37133	RAD
Lead-214	18-1187	AAB4589	0	6	in	SS		0.8143	0.05	0.15	0.6643			PCI/G		D		drainfield	G	18767	37133	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Lead-214	18-1188	AAB4590	0	6	in	SS		0.7341	0.04	0.12	0.6141			PCI/G				drainfield	G	18767	37133	RAD
Lead-214	18-1195	AAB4595	10	15	ft	SS		0.9629	0.07	0.21	0.7529			PCI/G				drainfield	G	18933	37314	RAD
Lead-214	18-1195	AAB4596	10	15	ft	W	<	5.66	0	0	5.66			PCI/L				drainfield	G	18933	37314	RAD
Lead-214	18-1195	AAB4596	10	15	ft	W	<	5.48	0	0	5.48			PCI/L				drainfield	G	18933	37314	RAD
Manganese-54	18-1173	AAB4568	0	6	in	SS	<	0.009	0	0	0.009		3.5	PCI/G				septic tank	G	18767	37133	RAD
Manganese-54	18-1176	AAB4569	0	12	in	SS	<	0.0335	0	0	0.0335		3.5	PCI/G				septic tank	G	18933	37314	RAD
Manganese-54	18-1176	AAB4571	0	5	ft	SS	<	0.0326	0	0	0.0326		3.5	PCI/G				septic tank	G	18933	37314	RAD
Manganese-54	18-1177	AAB4573	0	5	ft	SS	<	0.03	0	0	0.03		3.5	PCI/G	FD	D		septic tank	G	18933	37314	RAD
Manganese-54	18-1177	AAB4573	0	5	ft	SS	<	0.0333	0	0	0.0333		3.5	PCI/G	FD			septic tank	G	18933	37314	RAD
Manganese-54	18-1177	AAB4574	0	5	ft	SS	<	0.036	0	0	0.036		3.5	PCI/G	FD			septic tank	G	18933	37314	RAD
Manganese-54	18-1180	AAB4586	0	6	in	SS	<	0.0164	0	0	0.0164		3.5	PCI/G				drainfield	G	18767	37133	RAD
Manganese-54	18-1181	AAB4587	0	6	in	SS	<	0.0172	0	0	0.0172		3.5	PCI/G				drainfield	G	18767	37133	RAD
Manganese-54	18-1182	AAB4588	0	6	in	SS	<	0.016	0	0	0.016		3.5	PCI/G				drainfield	G	18767	37133	RAD
Manganese-54	18-1185	AAB4570	0	12	in	SS	<	0.032	0	0	0.032		3.5	PCI/G				septic tank	G	18933	37314	RAD
Manganese-54	18-1187	AAB4589	0	6	in	SS	<	0.0157	0	0	0.0157		3.5	PCI/G		D		drainfield	G	18767	37133	RAD
Manganese-54	18-1187	AAB4589	0	6	in	SS	<	0.0165	0	0	0.0165		3.5	PCI/G				drainfield	G	18767	37133	RAD
Manganese-54	18-1188	AAB4590	0	6	in	SS	<	0.0157	0	0	0.0157		3.5	PCI/G				drainfield	G	18767	37133	RAD
Manganese-54	18-1195	AAB4595	10	15	ft	SS	<	0.0255	0	0	0.0255		3.5	PCI/G				drainfield	G	18933	37314	RAD
Manganese-54	18-1195	AAB4596	10	15	ft	W	<	1.03	0	0	1.03		2100	PCI/L				drainfield	G	18933	37314	RAD
Manganese-54	18-1195	AAB4596	10	15	ft	W	<	2.22	0	0	2.22		2100	PCI/L				drainfield	G	18933	37314	RAD
Plutonium-238	18-1044	AAA5822				W		0.01	0.03	0.09	-0.08		15	PCI/L					RAS	15899	24150	RAD
Plutonium-238	18-1044	AAA5824				W		0.006	0.03	0.09	-0.084		15	PCI/L					RAS	15899	24150	RAD
Plutonium-238	18-1044	AAA5825				W		-0.033	0.03	0.09	-0.123		15	PCI/L	FD				RAS	15891	29452	RAD
Plutonium-238	18-1044	AAA5826				SS		0.425	0.034	0.102	0.323	0.014	27	PCI/G					RAS	15888	29267	RAD
Plutonium-238	18-1044	AAA5827				SS		0.076	0.03	0.09	-0.014	0.014	27	PCI/G	FD				RAS	15888	29267	RAD
Plutonium-238	18-1173	AAB4568	0	6	in	SS		0.01	0.003	0.009	0.001	0.014	27	PCI/G				septic tank	RAS	18767	37130	RAD
Plutonium-238	18-1176	AAB4569	0	12	in	SS		0	0.01	0.03	-0.03	0.014	27	PCI/G		D		septic tank	RAS	18933	37305	RAD
Plutonium-238	18-1176	AAB4569	0	12	in	SS		0	0.01	0.03	-0.03	0.014	27	PCI/G				septic tank	RAS	18933	37305	RAD
Plutonium-238	18-1176	AAB4571	0	5	ft	SS		0.03	0.01	0.03	0	0.014	27	PCI/G			J	septic tank	RAS	18933	37305	RAD
Plutonium-238	18-1177	AAB4573	0	5	ft	SS		0.02	0.01	0.03	-0.01	0.014	27	PCI/G	FD		J	septic tank	RAS	18933	37305	RAD
Plutonium-238	18-1177	AAB4574	0	5	ft	SS		0	0.01	0.03	-0.03	0.014	27	PCI/G	FD			septic tank	RAS	18933	37305	RAD
Plutonium-238	18-1180	AAB4586	0	6	in	SS		0.06	0.003	0.009	0.051	0.014	27	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-238	18-1181	AAB4587	0	6	in	SS		0.1	0.009	0.027	0.073	0.014	27	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-238	18-1182	AAB4588	0	6	in	SS		0.09	0.009	0.027	0.063	0.014	27	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-238	18-1185	AAB4570	0	12	in	SS		0	0.01	0.03	-0.03	0.014	27	PCI/G				septic tank	RAS	18933	37305	RAD
Plutonium-238	18-1187	AAB4589	0	6	in	SS		0.02	0.003	0.009	0.011	0.014	27	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-238	18-1188	AAB4590	0	6	in	SS		1	0.05	0.15	0.85	0.014	27	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-238	18-1195	AAB4591	0	5	ft	SS		0.02	0.005	0.015	0.005	0.014	27	PCI/G				drainfield	RAS	19971	36553	RAD
Plutonium-238	18-1195	AAB4591	0	5	ft	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G		D		drainfield	RAS	19971	36553	RAD
Plutonium-238	18-1195	AAB4593	5	10	ft	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G				drainfield	RAS	19971	36553	RAD
Plutonium-238	18-1195	AAB4595	10	15	ft	SS		0	0.01	0.03	-0.03	0.014	27	PCI/G				drainfield	RAS	18933	37305	RAD
Plutonium-238	18-1195	AAB4596	10	15	ft	W		0	0.03	0.09	-0.09		15	PCI/L				drainfield	RAS	18933	37305	RAD
Plutonium-238	18-1196	AAB4597	0	5	ft	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G				drainfield	RAS	19948	35705	RAD
Plutonium-238	18-1196	AAB4600				W	-	0.02	0.005	0.015	0.005		15	PCI/L	EB			drainfield	RAS	19948	35705	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	18-1196	AAB4601	5	10	ft	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				drainfield	RAS	19948	35705	RAD
Plutonium-238	18-1196	AAB4604	0	10	ft	W	-	0.02	0.005	0.015	0.005		15	PCI/L				drainfield	RAS	19943	35764	RAD
Plutonium-239	18-1044	AAA5822				W		-0.017	0.02	0.06	-0.077		15	PCI/L					RAS	15899	24150	RAD
Plutonium-239	18-1044	AAA5824				W		0.013	0.02	0.06	-0.047		15	PCI/L					RAS	15899	24150	RAD
Plutonium-239	18-1044	AAA5825				W		0.008	0.02	0.06	-0.052		15	PCI/L	FD				RAS	15891	29452	RAD
Plutonium-239	18-1044	AAA5826				SS		0.974	0.057	0.171	0.803	0.052	24	PCI/G					RAS	15888	29267	RAD
Plutonium-239	18-1044	AAA5827				SS		0.878	0.06	0.18	0.698	0.052	24	PCI/G	FD				RAS	15888	29267	RAD
Plutonium-239	18-1173	AAB4568	0	6	in	SS		0.06	0.007	0.021	0.039	0.052	24	PCI/G				septic tank	RAS	18767	37130	RAD
Plutonium-239	18-1176	AAB4569	0	12	in	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				septic tank	RAS	18933	37305	RAD
Plutonium-239	18-1176	AAB4569	0	12	in	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G		D		septic tank	RAS	18933	37305	RAD
Plutonium-239	18-1176	AAB4571	0	5	ft	SS		0.01	0.01	0.03	-0.02	0.052	24	PCI/G			J	septic tank	RAS	18933	37305	RAD
Plutonium-239	18-1177	AAB4573	0	5	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G	FD		J	septic tank	RAS	18933	37305	RAD
Plutonium-239	18-1177	AAB4574	0	5	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G	FD			septic tank	RAS	18933	37305	RAD
Plutonium-239	18-1180	AAB4586	0	6	in	SS		0.03	0.004	0.012	0.018	0.052	24	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-239	18-1181	AAB4587	0	6	in	SS		0.02	0.003	0.009	0.011	0.052	24	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-239	18-1182	AAB4588	0	6	in	SS		0.03	0.005	0.015	0.015	0.052	24	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-239	18-1185	AAB4570	0	12	in	SS		0.01	0.01	0.03	-0.02	0.052	24	PCI/G				septic tank	RAS	18933	37305	RAD
Plutonium-239	18-1187	AAB4589	0	6	in	SS		0.01	0.002	0.006	0.004	0.052	24	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-239	18-1188	AAB4590	0	6	in	SS		0.7	0.04	0.12	0.58	0.052	24	PCI/G				drainfield	RAS	18767	37130	RAD
Plutonium-239	18-1195	AAB4591	0	5	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				drainfield	RAS	19971	36553	RAD
Plutonium-239	18-1195	AAB4591	0	5	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G		D		drainfield	RAS	19971	36553	RAD
Plutonium-239	18-1195	AAB4593	5	10	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				drainfield	RAS	19971	36553	RAD
Plutonium-239	18-1195	AAB4595	10	15	ft	SS		0	0.01	0.03	-0.03	0.052	24	PCI/G				drainfield	RAS	18933	37305	RAD
Plutonium-239	18-1195	AAB4596	10	15	ft	W		0.01	0.02	0.06	-0.05		15	PCI/L				drainfield	RAS	18933	37305	RAD
Plutonium-239	18-1196	AAB4597	0	5	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				drainfield	RAS	19948	35705	RAD
Plutonium-239	18-1196	AAB4600				W		0	0.005	0.015	-0.015		15	PCI/L	EB			drainfield	RAS	19948	35705	RAD
Plutonium-239	18-1196	AAB4601	5	10	ft	SS		0.01	0.005	0.015	-0.005	0.052	24	PCI/G				drainfield	RAS	19948	35705	RAD
Plutonium-239	18-1196	AAB4604	0	10	ft	W		0.02	0.005	0.015	0.005		15	PCI/L				drainfield	RAS	19943	35764	RAD
Potassium-40	18-1173	AAB4568	0	6	in	SS		17.855	0.62	1.86	15.995	28.6	12	PCI/G				septic tank	G	18767	37133	RAD
Potassium-40	18-1176	AAB4569	0	12	in	SS		20.351	0.95	2.85	17.501	28.6	12	PCI/G				septic tank	G	18933	37314	RAD
Potassium-40	18-1176	AAB4571	0	5	ft	SS		17.769	0.9	2.7	15.069	28.6	12	PCI/G				septic tank	G	18933	37314	RAD
Potassium-40	18-1177	AAB4573	0	5	ft	SS	<	1.14	0	0	1.14	28.6	12	PCI/G	FD	D	R	septic tank	G	18933	37314	RAD
Potassium-40	18-1177	AAB4573	0	5	ft	SS		20.107	0.96	2.88	17.227	28.6	12	PCI/G	FD			septic tank	G	18933	37314	RAD
Potassium-40	18-1177	AAB4574	0	5	ft	SS		32.424	1.33	3.99	28.434	28.6	12	PCI/G	FD			septic tank	G	18933	37314	RAD
Potassium-40	18-1180	AAB4586	0	6	in	SS		17.388	0.68	2.04	15.348	28.6	12	PCI/G				drainfield	G	18767	37133	RAD
Potassium-40	18-1181	AAB4587	0	6	in	SS		18.245	0.7	2.1	16.145	28.6	12	PCI/G				drainfield	G	18767	37133	RAD
Potassium-40	18-1182	AAB4588	0	6	in	SS		17.284	0.66	1.98	15.304	28.6	12	PCI/G				drainfield	G	18767	37133	RAD
Potassium-40	18-1185	AAB4570	0	12	in	SS		19.044	0.94	2.82	16.224	28.6	12	PCI/G				septic tank	G	18933	37314	RAD
Potassium-40	18-1187	AAB4589	0	6	in	SS		17.191	0.68	2.04	15.151	28.6	12	PCI/G				drainfield	G	18767	37133	RAD
Potassium-40	18-1187	AAB4589	0	6	in	SS		18.38	0.7	2.1	16.28	28.6	12	PCI/G		D		drainfield	G	18767	37133	RAD
Potassium-40	18-1188	AAB4590	0	6	in	SS		16.612	0.65	1.95	14.662	28.6	12	PCI/G				drainfield	G	18767	37133	RAD
Potassium-40	18-1195	AAB4595	10	15	ft	SS		32.751	1.26	3.78	28.971	28.6	12	PCI/G				drainfield	G	18933	37314	RAD
Potassium-40	18-1195	AAB4596	10	15	ft	W	<	78.2	0	0	78.2		310	PCI/L				drainfield	G	18933	37314	RAD
Potassium-40	18-1195	AAB4596	10	15	ft	W	<	30.1	0	0	30.1		310	PCI/L				drainfield	G	18933	37314	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Protactinium-231	18-1173	AAB4568	0	6	in	SS	<	0.175	0	0	0.175			PCI/G				septic tank	G	18767	37133	RAD
Protactinium-231	18-1176	AAB4569	0	12	in	SS	<	0.648	0	0	0.648			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-231	18-1176	AAB4571	0	5	ft	SS	<	0.588	0	0	0.588			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-231	18-1177	AAB4573	0	5	ft	SS	<	0.628	0	0	0.628			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Protactinium-231	18-1177	AAB4573	0	5	ft	SS	<	0.472	0	0	0.472			PCI/G	FD			septic tank	G	18933	37314	RAD
Protactinium-231	18-1177	AAB4574	0	5	ft	SS	<	0.591	0	0	0.591			PCI/G	FD			septic tank	G	18933	37314	RAD
Protactinium-231	18-1180	AAB4586	0	6	in	SS	<	0.376	0	0	0.376			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-231	18-1181	AAB4587	0	6	in	SS	<	0.343	0	0	0.343			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-231	18-1182	AAB4588	0	6	in	SS	<	0.326	0	0	0.326			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-231	18-1185	AAB4570	0	12	in	SS	<	0.573	0	0	0.573			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-231	18-1187	AAB4589	0	6	in	SS	<	0.344	0	0	0.344			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-231	18-1187	AAB4589	0	6	in	SS	<	0.334	0	0	0.334			PCI/G		D		drainfield	G	18767	37133	RAD
Protactinium-231	18-1188	AAB4590	0	6	in	SS	<	0.211	0	0	0.211			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-231	18-1195	AAB4595	10	15	ft	SS	<	0.42	0	0	0.42			PCI/G				drainfield	G	18933	37314	RAD
Protactinium-231	18-1195	AAB4596	10	15	ft	W	<	45.4	0	0	45.4			PCI/L				drainfield	G	18933	37314	RAD
Protactinium-231	18-1195	AAB4596	10	15	ft	W	<	41	0	0	41			PCI/L				drainfield	G	18933	37314	RAD
Protactinium-234	18-1173	AAB4568	0	6	in	SS	<	0.0761	0	0	0.0761			PCI/G				septic tank	G	18767	37133	RAD
Protactinium-234	18-1176	AAB4569	0	12	in	SS	<	0.172	0	0	0.172			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-234	18-1176	AAB4571	0	5	ft	SS	<	0.171	0	0	0.171			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-234	18-1177	AAB4573	0	5	ft	SS	<	0.0896	0	0	0.0896			PCI/G	FD			septic tank	G	18933	37314	RAD
Protactinium-234	18-1177	AAB4573	0	5	ft	SS	<	0.184	0	0	0.184			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Protactinium-234	18-1177	AAB4574	0	5	ft	SS	<	0.196	0	0	0.196			PCI/G	FD			septic tank	G	18933	37314	RAD
Protactinium-234	18-1180	AAB4586	0	6	in	SS	<	0.0995	0	0	0.0995			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234	18-1181	AAB4587	0	6	in	SS	<	0.0919	0	0	0.0919			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234	18-1182	AAB4588	0	6	in	SS	<	0.0882	0	0	0.0882			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234	18-1185	AAB4570	0	12	in	SS	<	0.201	0	0	0.201			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-234	18-1187	AAB4589	0	6	in	SS	<	0.0635	0	0	0.0635			PCI/G		D		drainfield	G	18767	37133	RAD
Protactinium-234	18-1187	AAB4589	0	6	in	SS	<	0.0849	0	0	0.0849			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234	18-1188	AAB4590	0	6	in	SS	<	0.0796	0	0	0.0796			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234	18-1195	AAB4595	10	15	ft	SS	<	0.158	0	0	0.158			PCI/G				drainfield	G	18933	37314	RAD
Protactinium-234	18-1195	AAB4596	10	15	ft	W	<	12.5	0	0	12.5			PCI/L				drainfield	G	18933	37314	RAD
Protactinium-234	18-1195	AAB4596	10	15	ft	W	<	11.3	0	0	11.3			PCI/L				drainfield	G	18933	37314	RAD
Protactinium-234M	18-1173	AAB4568	0	6	in	SS	<	1.72	0	0	1.72			PCI/G				septic tank	G	18767	37133	RAD
Protactinium-234M	18-1176	AAB4569	0	12	in	SS	<	4.03	0	0	4.03			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-234M	18-1176	AAB4571	0	5	ft	SS	<	3.92	0	0	3.92			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-234M	18-1177	AAB4573	0	5	ft	SS	<	2.84	0	0	2.84			PCI/G	FD			septic tank	G	18933	37314	RAD
Protactinium-234M	18-1177	AAB4573	0	5	ft	SS	<	4.84	0	0	4.84			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Protactinium-234M	18-1177	AAB4574	0	5	ft	SS	<	5.27	0	0	5.27			PCI/G	FD			septic tank	G	18933	37314	RAD
Protactinium-234M	18-1180	AAB4586	0	6	in	SS	<	1.56	0	0	1.56			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234M	18-1181	AAB4587	0	6	in	SS		3.5534	1.68	5.04	-1.4866			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234M	18-1182	AAB4588	0	6	in	SS	<	2.47	0	0	2.47			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234M	18-1185	AAB4570	0	12	in	SS	<	3.42	0	0	3.42			PCI/G				septic tank	G	18933	37314	RAD
Protactinium-234M	18-1187	AAB4589	0	6	in	SS	<	1.98	0	0	1.98			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234M	18-1187	AAB4589	0	6	in	SS	<	1.71	0	0	1.71			PCI/G		D		drainfield	G	18767	37133	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Protactinium-234M	18-1188	AAB4590	0	6	in	SS		6.9919	2.38	7.14	-0.1481			PCI/G				drainfield	G	18767	37133	RAD
Protactinium-234M	18-1195	AAB4595	10	15	ft	SS	<	3.74	0	0	3.74			PCI/G				drainfield	G	18933	37314	RAD
Protactinium-234M	18-1195	AAB4596	10	15	ft	W	<	319	0	0	319			PCI/L				drainfield	G	18933	37314	RAD
Protactinium-234M	18-1195	AAB4596	10	15	ft	W	<	392	0	0	392			PCI/L				drainfield	G	18933	37314	RAD
Radium-223	18-1173	AAB4568	0	6	in	SS	<	0.111	0	0	0.111			PCI/G				septic tank	G	18767	37133	RAD
Radium-223	18-1176	AAB4569	0	12	in	SS	<	0.298	0	0	0.298			PCI/G				septic tank	G	18933	37314	RAD
Radium-223	18-1176	AAB4571	0	5	ft	SS	<	0.285	0	0	0.285			PCI/G				septic tank	G	18933	37314	RAD
Radium-223	18-1177	AAB4573	0	5	ft	SS	<	0.25	0	0	0.25			PCI/G	FD			septic tank	G	18933	37314	RAD
Radium-223	18-1177	AAB4573	0	5	ft	SS	<	0.228	0	0	0.228			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Radium-223	18-1177	AAB4574	0	5	ft	SS	<	0.319	0	0	0.319			PCI/G	FD			septic tank	G	18933	37314	RAD
Radium-223	18-1180	AAB4586	0	6	in	SS	<	0.126	0	0	0.126			PCI/G				drainfield	G	18767	37133	RAD
Radium-223	18-1181	AAB4587	0	6	in	SS		0.2955	0.14	0.42	-0.1245			PCI/G				drainfield	G	18767	37133	RAD
Radium-223	18-1182	AAB4588	0	6	in	SS		0.3139	0.15	0.45	-0.1361			PCI/G				drainfield	G	18767	37133	RAD
Radium-223	18-1185	AAB4570	0	12	in	SS	<	0.302	0	0	0.302			PCI/G				septic tank	G	18933	37314	RAD
Radium-223	18-1187	AAB4589	0	6	in	SS	<	0.151	0	0	0.151			PCI/G		D		drainfield	G	18767	37133	RAD
Radium-223	18-1187	AAB4589	0	6	in	SS	<	0.162	0	0	0.162			PCI/G				drainfield	G	18767	37133	RAD
Radium-223	18-1188	AAB4590	0	6	in	SS	<	0.0771	0	0	0.0771			PCI/G				drainfield	G	18767	37133	RAD
Radium-223	18-1195	AAB4595	10	15	ft	SS	<	0.287	0	0	0.287			PCI/G				drainfield	G	18933	37314	RAD
Radium-223	18-1195	AAB4596	10	15	ft	W	<	17.3	0	0	17.3			PCI/L				drainfield	G	18933	37314	RAD
Radium-223	18-1195	AAB4596	10	15	ft	W	<	13.1	0	0	13.1			PCI/L				drainfield	G	18933	37314	RAD
Radium-224	18-1173	AAB4568	0	6	in	SS		1.5024	0.22	0.66	0.8424			PCI/G				septic tank	G	18767	37133	RAD
Radium-224	18-1176	AAB4569	0	12	in	SS		1.5419	0.59	1.77	-0.2281			PCI/G				septic tank	G	18933	37314	RAD
Radium-224	18-1176	AAB4571	0	5	ft	SS		1.6394	0.55	1.65	-0.0106			PCI/G				septic tank	G	18933	37314	RAD
Radium-224	18-1177	AAB4573	0	5	ft	SS		2.1795	0.57	1.71	0.4695			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Radium-224	18-1177	AAB4573	0	5	ft	SS		1.8646	0.55	1.65	0.2146			PCI/G	FD			septic tank	G	18933	37314	RAD
Radium-224	18-1177	AAB4574	0	5	ft	SS		2.7561	0.62	1.86	0.8961			PCI/G	FD			septic tank	G	18933	37314	RAD
Radium-224	18-1180	AAB4586	0	6	in	SS		1.3152	0.31	0.93	0.3852			PCI/G				drainfield	G	18767	37133	RAD
Radium-224	18-1181	AAB4587	0	6	in	SS		1.5666	0.32	0.96	0.6066			PCI/G				drainfield	G	18767	37133	RAD
Radium-224	18-1182	AAB4588	0	6	in	SS		1.2919	0.31	0.93	0.3619			PCI/G				drainfield	G	18767	37133	RAD
Radium-224	18-1185	AAB4570	0	12	in	SS		1.9869	0.59	1.77	0.2169			PCI/G				septic tank	G	18933	37314	RAD
Radium-224	18-1187	AAB4589	0	6	in	SS		1.3338	0.32	0.96	0.3738			PCI/G				drainfield	G	18767	37133	RAD
Radium-224	18-1187	AAB4589	0	6	in	SS		1.4883	0.32	0.96	0.5283			PCI/G		D		drainfield	G	18767	37133	RAD
Radium-224	18-1188	AAB4590	0	6	in	SS		1.2173	0.31	0.93	0.2873			PCI/G				drainfield	G	18767	37133	RAD
Radium-224	18-1195	AAB4595	10	15	ft	SS		2.4769	0.48	1.44	1.0369			PCI/G				drainfield	G	18933	37314	RAD
Radium-224	18-1195	AAB4596	10	15	ft	W	<	40.5	0	0	40.5			PCI/L				drainfield	G	18933	37314	RAD
Radium-224	18-1195	AAB4596	10	15	ft	W	<	51.7	0	0	51.7			PCI/L				drainfield	G	18933	37314	RAD
Radium-226	18-1173	AAB4568	0	6	in	SS		1.1929	0.18	0.54	0.6529		0.1	PCI/G				septic tank	G	18767	37133	RAD
Radium-226	18-1176	AAB4569	0	12	in	SS		2.0465	0.65	1.95	0.0965		0.1	PCI/G				septic tank	G	18933	37314	RAD
Radium-226	18-1176	AAB4571	0	5	ft	SS		2.2829	0.56	1.68	0.6029		0.1	PCI/G				septic tank	G	18933	37314	RAD
Radium-226	18-1177	AAB4573	0	5	ft	SS		3.3931	0.63	1.89	1.5031		0.1	PCI/G	FD	D		septic tank	G	18933	37314	RAD
Radium-226	18-1177	AAB4573	0	5	ft	SS		1.5251	0.54	1.62	-0.0949		0.1	PCI/G	FD			septic tank	G	18933	37314	RAD
Radium-226	18-1177	AAB4574	0	5	ft	SS	<	0.719	0	0	0.719		0.1	PCI/G	FD			septic tank	G	18933	37314	RAD
Radium-226	18-1180	AAB4586	0	6	in	SS		1.8618	0.33	0.99	0.8718		0.1	PCI/G				drainfield	G	18767	37133	RAD
Radium-226	18-1181	AAB4587	0	6	in	SS		1.7504	0.32	0.96	0.7904		0.1	PCI/G				drainfield	G	18767	37133	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Radium-226	18-1182	AAB4588	0	6	in	SS		1.5114	0.24	0.72	0.7914		0.1	PCI/G				drainfield	G	18767	37133	RAD
Radium-226	18-1185	AAB4570	0	12	in	SS		1.9796	0.51	1.53	0.4496		0.1	PCI/G				septic tank	G	18933	37314	RAD
Radium-226	18-1187	AAB4589	0	6	in	SS		1.8952	0.26	0.78	1.1152		0.1	PCI/G		D		drainfield	G	18767	37133	RAD
Radium-226	18-1187	AAB4589	0	6	in	SS		1.8234	0.4	1.2	0.6234		0.1	PCI/G				drainfield	G	18767	37133	RAD
Radium-226	18-1188	AAB4590	0	6	in	SS	<	0.322	0	0	0.322		0.1	PCI/G				drainfield	G	18767	37133	RAD
Radium-226	18-1195	AAB4595	10	15	ft	SS		1.8789	0.48	1.44	0.4389		0.1	PCI/G				drainfield	G	18933	37314	RAD
Radium-226	18-1195	AAB4596	10	15	ft	W	<	56.7	0	0	56.7		20	PCI/L				drainfield	G	18933	37314	RAD
Radium-226	18-1195	AAB4596	10	15	ft	W	<	56.5	0	0	56.5		20	PCI/L				drainfield	G	18933	37314	RAD
Radon-219	18-1173	AAB4568	0	6	in	SS	<	0.0897	0	0	0.0897			PCI/G				septic tank	G	18767	37133	RAD
Radon-219	18-1176	AAB4569	0	12	in	SS	<	0.342	0	0	0.342			PCI/G				septic tank	G	18933	37314	RAD
Radon-219	18-1176	AAB4571	0	5	ft	SS	<	0.315	0	0	0.315			PCI/G				septic tank	G	18933	37314	RAD
Radon-219	18-1177	AAB4573	0	5	ft	SS	<	0.329	0	0	0.329			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Radon-219	18-1177	AAB4573	0	5	ft	SS	<	0.163	0	0	0.163			PCI/G	FD			septic tank	G	18933	37314	RAD
Radon-219	18-1177	AAB4574	0	5	ft	SS	<	0.312	0	0	0.312			PCI/G	FD			septic tank	G	18933	37314	RAD
Radon-219	18-1180	AAB4586	0	6	in	SS	<	0.201	0	0	0.201			PCI/G				drainfield	G	18767	37133	RAD
Radon-219	18-1181	AAB4587	0	6	in	SS	<	0.186	0	0	0.186			PCI/G				drainfield	G	18767	37133	RAD
Radon-219	18-1182	AAB4588	0	6	in	SS	<	0.139	0	0	0.139			PCI/G				drainfield	G	18767	37133	RAD
Radon-219	18-1185	AAB4570	0	12	in	SS	<	0.354	0	0	0.354			PCI/G				septic tank	G	18933	37314	RAD
Radon-219	18-1187	AAB4589	0	6	in	SS	<	0.187	0	0	0.187			PCI/G				drainfield	G	18767	37133	RAD
Radon-219	18-1187	AAB4589	0	6	in	SS	<	0.203	0	0	0.203			PCI/G		D		drainfield	G	18767	37133	RAD
Radon-219	18-1188	AAB4590	0	6	in	SS	<	0.178	0	0	0.178			PCI/G				drainfield	G	18767	37133	RAD
Radon-219	18-1195	AAB4595	10	15	ft	SS	<	0.207	0	0	0.207			PCI/G				drainfield	G	18933	37314	RAD
Radon-219	18-1195	AAB4596	10	15	ft	W	<	12.1	0	0	12.1			PCI/L				drainfield	G	18933	37314	RAD
Radon-219	18-1195	AAB4596	10	15	ft	W	<	22.8	0	0	22.8			PCI/L				drainfield	G	18933	37314	RAD
Ruthenium-106	18-1173	AAB4568	0	6	in	SS	<	0.0546	0	0	0.0546		13	PCI/G				septic tank	G	18767	37133	RAD
Ruthenium-106	18-1176	AAB4569	0	12	in	SS	<	0.227	0	0	0.227		13	PCI/G				septic tank	G	18933	37314	RAD
Ruthenium-106	18-1176	AAB4571	0	5	ft	SS	<	0.227	0	0	0.227		13	PCI/G				septic tank	G	18933	37314	RAD
Ruthenium-106	18-1177	AAB4573	0	5	ft	SS	<	0.162	0	0	0.162		13	PCI/G	FD			septic tank	G	18933	37314	RAD
Ruthenium-106	18-1177	AAB4573	0	5	ft	SS	<	0.261	0	0	0.261		13	PCI/G	FD	D		septic tank	G	18933	37314	RAD
Ruthenium-106	18-1177	AAB4574	0	5	ft	SS	<	0.313	0	0	0.313		13	PCI/G	FD			septic tank	G	18933	37314	RAD
Ruthenium-106	18-1180	AAB4586	0	6	in	SS	<	0.159	0	0	0.159		13	PCI/G				drainfield	G	18767	37133	RAD
Ruthenium-106	18-1181	AAB4587	0	6	in	SS	<	0.139	0	0	0.139		13	PCI/G				drainfield	G	18767	37133	RAD
Ruthenium-106	18-1182	AAB4588	0	6	in	SS	<	0.123	0	0	0.123		13	PCI/G				drainfield	G	18767	37133	RAD
Ruthenium-106	18-1185	AAB4570	0	12	in	SS	<	0.121	0	0	0.121		13	PCI/G				septic tank	G	18933	37314	RAD
Ruthenium-106	18-1187	AAB4589	0	6	in	SS	<	0.0693	0	0	0.0693		13	PCI/G		D		drainfield	G	18767	37133	RAD
Ruthenium-106	18-1187	AAB4589	0	6	in	SS	<	0.127	0	0	0.127		13	PCI/G				drainfield	G	18767	37133	RAD
Ruthenium-106	18-1188	AAB4590	0	6	in	SS	<	0.0663	0	0	0.0663		13	PCI/G				drainfield	G	18767	37133	RAD
Ruthenium-106	18-1195	AAB4595	10	15	ft	SS	<	0.206	0	0	0.206		13	PCI/G				drainfield	G	18933	37314	RAD
Ruthenium-106	18-1195	AAB4596	10	15	ft	W	<	11	0	0	11		210	PCI/L				drainfield	G	18933	37314	RAD
Ruthenium-106	18-1195	AAB4596	10	15	ft	W	<	18.9	0	0	18.9		210	PCI/L				drainfield	G	18933	37314	RAD
Sodium-22	18-1173	AAB4568	0	6	in	SS	<	0.0055	0	0	0.0055		1.3	PCI/G				septic tank	G	18767	37133	RAD
Sodium-22	18-1176	AAB4569	0	12	in	SS	<	0.014	0	0	0.014		1.3	PCI/G				septic tank	G	18933	37314	RAD
Sodium-22	18-1176	AAB4571	0	5	ft	SS	<	0.0378	0	0	0.0378		1.3	PCI/G				septic tank	G	18933	37314	RAD
Sodium-22	18-1177	AAB4573	0	5	ft	SS	<	0.0312	0	0	0.0312		1.3	PCI/G	FD			septic tank	G	18933	37314	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Sodium-22	18-1177	AAB4573	0	5	ft	SS	<	0.0273	0	0	0.0273		1.3	PCI/G	FD	D		septic tank	G	18933	37314	RAD
Sodium-22	18-1177	AAB4574	0	5	ft	SS	<	0.0163	0	0	0.0163		1.3	PCI/G	FD			septic tank	G	18933	37314	RAD
Sodium-22	18-1180	AAB4586	0	6	in	SS	<	0.0101	0	0	0.0101		1.3	PCI/G				drainfield	G	18767	37133	RAD
Sodium-22	18-1181	AAB4587	0	6	in	SS	<	0.0175	0	0	0.0175		1.3	PCI/G				drainfield	G	18767	37133	RAD
Sodium-22	18-1182	AAB4588	0	6	in	SS	<	0.006	0	0	0.006		1.3	PCI/G				drainfield	G	18767	37133	RAD
Sodium-22	18-1185	AAB4570	0	12	in	SS	<	0.0209	0	0	0.0209		1.3	PCI/G				septic tank	G	18933	37314	RAD
Sodium-22	18-1187	AAB4589	0	6	in	SS	<	0.104	0	0	0.104		1.3	PCI/G				drainfield	G	18767	37133	RAD
Sodium-22	18-1187	AAB4589	0	6	in	SS	<	0.0119	0	0	0.0119		1.3	PCI/G		D		drainfield	G	18767	37133	RAD
Sodium-22	18-1188	AAB4590	0	6	in	SS		0.0131	0	0	0.0131		1.3	PCI/G				drainfield	G	18767	37133	RAD
Sodium-22	18-1195	AAB4595	10	15	ft	SS	<	0.02	0	0	0.02		1.3	PCI/G				drainfield	G	18933	37314	RAD
Sodium-22	18-1195	AAB4596	10	15	ft	W	<	1.17	0	0	1.17		500	PCI/L				drainfield	G	18933	37314	RAD
Sodium-22	18-1195	AAB4596	10	15	ft	W	<	0.558	0	0	0.558		500	PCI/L				drainfield	G	18933	37314	RAD
Thallium-208	18-1173	AAB4568	0	6	in	SS		0.2984	0.02	0.06	0.2384			PCI/G				septic tank	G	18767	37133	RAD
Thallium-208	18-1176	AAB4569	0	12	in	SS		0.3485	0.04	0.12	0.2285			PCI/G				septic tank	G	18933	37314	RAD
Thallium-208	18-1176	AAB4571	0	5	ft	SS		0.3083	0.03	0.09	0.2183			PCI/G				septic tank	G	18933	37314	RAD
Thallium-208	18-1177	AAB4573	0	5	ft	SS		0.3578	0.04	0.12	0.2378			PCI/G	FD			septic tank	G	18933	37314	RAD
Thallium-208	18-1177	AAB4573	0	5	ft	SS		0.3968	0.04	0.12	0.2768			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Thallium-208	18-1177	AAB4574	0	5	ft	SS		0.4482	0.04	0.12	0.3282			PCI/G	FD			septic tank	G	18933	37314	RAD
Thallium-208	18-1180	AAB4586	0	6	in	SS		0.3252	0.02	0.06	0.2652			PCI/G				drainfield	G	18767	37133	RAD
Thallium-208	18-1181	AAB4587	0	6	in	SS		0.3027	0.02	0.06	0.2427			PCI/G				drainfield	G	18767	37133	RAD
Thallium-208	18-1182	AAB4588	0	6	in	SS		0.2962	0.03	0.09	0.2062			PCI/G				drainfield	G	18767	37133	RAD
Thallium-208	18-1185	AAB4570	0	12	in	SS		0.3762	0.04	0.12	0.2562			PCI/G				septic tank	G	18933	37314	RAD
Thallium-208	18-1187	AAB4589	0	6	in	SS		0.3019	0.02	0.06	0.2419			PCI/G				drainfield	G	18767	37133	RAD
Thallium-208	18-1187	AAB4589	0	6	in	SS		0.3238	0.02	0.06	0.2638			PCI/G		D		drainfield	G	18767	37133	RAD
Thallium-208	18-1188	AAB4590	0	6	in	SS		0.3078	0.02	0.06	0.2478			PCI/G				drainfield	G	18767	37133	RAD
Thallium-208	18-1195	AAB4595	10	15	ft	SS		0.4043	0.03	0.09	0.3143			PCI/G				drainfield	G	18933	37314	RAD
Thallium-208	18-1195	AAB4596	10	15	ft	W	<	2.41	0	0	2.41			PCI/L				drainfield	G	18933	37314	RAD
Thallium-208	18-1195	AAB4596	10	15	ft	W	<	3.43	0	0	3.43			PCI/L				drainfield	G	18933	37314	RAD
Thorium-227	18-1173	AAB4568	0	6	in	SS	<	0.132	0	0	0.132			PCI/G				septic tank	G	18767	37133	RAD
Thorium-227	18-1176	AAB4569	0	12	in	SS	<	0.354	0	0	0.354			PCI/G				septic tank	G	18933	37314	RAD
Thorium-227	18-1176	AAB4571	0	5	ft	SS	<	0.337	0	0	0.337			PCI/G				septic tank	G	18933	37314	RAD
Thorium-227	18-1177	AAB4573	0	5	ft	SS	<	0.33	0	0	0.33			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Thorium-227	18-1177	AAB4573	0	5	ft	SS	<	0.338	0	0	0.338			PCI/G	FD			septic tank	G	18933	37314	RAD
Thorium-227	18-1177	AAB4574	0	5	ft	SS	<	0.406	0	0	0.406			PCI/G	FD			septic tank	G	18933	37314	RAD
Thorium-227	18-1180	AAB4586	0	6	in	SS	<	0.19	0	0	0.19			PCI/G				drainfield	G	18767	37133	RAD
Thorium-227	18-1181	AAB4587	0	6	in	SS	<	0.192	0	0	0.192			PCI/G				drainfield	G	18767	37133	RAD
Thorium-227	18-1182	AAB4588	0	6	in	SS	<	0.182	0	0	0.182			PCI/G				drainfield	G	18767	37133	RAD
Thorium-227	18-1185	AAB4570	0	12	in	SS	<	0.356	0	0	0.356			PCI/G				septic tank	G	18933	37314	RAD
Thorium-227	18-1187	AAB4589	0	6	in	SS	<	0.189	0	0	0.189			PCI/G				drainfield	G	18767	37133	RAD
Thorium-227	18-1187	AAB4589	0	6	in	SS	<	0.193	0	0	0.193			PCI/G		D		drainfield	G	18767	37133	RAD
Thorium-227	18-1188	AAB4590	0	6	in	SS	<	0.185	0	0	0.185			PCI/G				drainfield	G	18767	37133	RAD
Thorium-227	18-1195	AAB4595	10	15	ft	SS	<	0.316	0	0	0.316			PCI/G				drainfield	G	18933	37314	RAD
Thorium-227	18-1195	AAB4596	10	15	ft	W	<	19.8	0	0	19.8			PCI/L				drainfield	G	18933	37314	RAD
Thorium-227	18-1195	AAB4596	10	15	ft	W	<	19	0	0	19			PCI/L				drainfield	G	18933	37314	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-234	18-1173	AAB4568	0	6	in	SS	<	0.263	0	0	0.263			PCI/G				septic tank	G	18767	37133	RAD
Thorium-234	18-1176	AAB4569	0	12	in	SS	<	0.775	0	0	0.775			PCI/G				septic tank	G	18933	37314	RAD
Thorium-234	18-1176	AAB4571	0	5	ft	SS	<	0.745	0	0	0.745			PCI/G				septic tank	G	18933	37314	RAD
Thorium-234	18-1177	AAB4573	0	5	ft	SS	<	0.748	0	0	0.748			PCI/G	FD			septic tank	G	18933	37314	RAD
Thorium-234	18-1177	AAB4573	0	5	ft	SS	<	0.681	0	0	0.681			PCI/G	FD	D		septic tank	G	18933	37314	RAD
Thorium-234	18-1177	AAB4574	0	5	ft	SS	<	0.909	0	0	0.909			PCI/G	FD			septic tank	G	18933	37314	RAD
Thorium-234	18-1180	AAB4586	0	6	in	SS	<	0.403	0	0	0.403			PCI/G				drainfield	G	18767	37133	RAD
Thorium-234	18-1181	AAB4587	0	6	in	SS	<	0.346	0	0	0.346			PCI/G				drainfield	G	18767	37133	RAD
Thorium-234	18-1182	AAB4588	0	6	in	SS	<	0.38	0	0	0.38			PCI/G				drainfield	G	18767	37133	RAD
Thorium-234	18-1185	AAB4570	0	12	in	SS	<	0.736	0	0	0.736			PCI/G				septic tank	G	18933	37314	RAD
Thorium-234	18-1187	AAB4589	0	6	in	SS	<	0.392	0	0	0.392			PCI/G		D		drainfield	G	18767	37133	RAD
Thorium-234	18-1187	AAB4589	0	6	in	SS	<	0.353	0	0	0.353			PCI/G				drainfield	G	18767	37133	RAD
Thorium-234	18-1188	AAB4590	0	6	in	SS	<	0.358	0	0	0.358			PCI/G				drainfield	G	18767	37133	RAD
Thorium-234	18-1195	AAB4595	10	15	ft	SS		2.4452	0.44	1.32	1.1252			PCI/G				drainfield	G	18933	37314	RAD
Thorium-234	18-1195	AAB4596	10	15	ft	W	<	105	0	0	105			PCI/L				drainfield	G	18933	37314	RAD
Thorium-234	18-1195	AAB4596	10	15	ft	W	<	90.7	0	0	90.7			PCI/L				drainfield	G	18933	37314	RAD
Uranium	18-1044	AAA5822				W		0	0.018	0.054	-0.054			UG/L					KPA	15899	22258	RAD
Uranium	18-1044	AAA5825				W		1.103	0.11	0.33	0.773			UG/L	FD				KPA	15891	22502	RAD
Uranium	18-1044	AAA5826				SS		50	8	24	26	5.45		MG/KG					KPA	15888	28756	RAD
Uranium	18-1044	AAA5827				SS		25	4	12	13	5.45		MG/KG	FD				KPA	15888	28756	RAD
Uranium	18-1173	AAB4568	0	6	in	SS		1.34	0.268	0.804	0.536	5.45		MG/KG				septic tank	ICPMS	18767	35116	RAD
Uranium	18-1176	AAB4569	0	12	in	SS		0.24	0.048	0.144	0.096	5.45		MG/KG				septic tank	KPA	18933	37309	RAD
Uranium	18-1176	AAB4571	0	5	ft	SS		0.311	0.0622	0.1866	0.1244	5.45		MG/KG				septic tank	KPA	18933	37309	RAD
Uranium	18-1177	AAB4573	0	5	ft	SS		0.317	0.0634	0.1902	0.1268	5.45		MG/KG	FD			septic tank	KPA	18933	37309	RAD
Uranium	18-1177	AAB4574	0	5	ft	SS		0.394	0.0788	0.2364	0.1576	5.45		MG/KG	FD			septic tank	KPA	18933	37309	RAD
Uranium	18-1180	AAB4586	0	6	in	SS		0.339	0.0678	0.2034	0.1356	5.45		MG/KG				drainfield	ICPMS	18767	35116	RAD
Uranium	18-1181	AAB4587	0	6	in	SS		0.357	0.0714	0.2142	0.1428	5.45		MG/KG		D		drainfield	ICPMS	18767	35116	RAD
Uranium	18-1181	AAB4587	0	6	in	SS		0.426	0.0852	0.2556	0.1704	5.45		MG/KG				drainfield	ICPMS	18767	35116	RAD
Uranium	18-1182	AAB4588	0	6	in	SS		3.57	0.714	2.142	1.428	5.45		MG/KG				drainfield	ICPMS	18767	35116	RAD
Uranium	18-1185	AAB4570	0	12	in	SS		0.346	0.0692	0.2076	0.1384	5.45		MG/KG				septic tank	KPA	18933	37309	RAD
Uranium	18-1187	AAB4589	0	6	in	SS		0.436	0.0872	0.2616	0.1744	5.45		MG/KG				drainfield	ICPMS	18767	35116	RAD
Uranium	18-1188	AAB4590	0	6	in	SS		0.441	0.0882	0.2646	0.1764	5.45		MG/KG				drainfield	ICPMS	18767	35116	RAD
Uranium	18-1195	AAB4591	0	5	ft	SS		1.49	0.1	0.3	1.19	5.45		MG/KG				drainfield	KPA	19971	36551	RAD
Uranium	18-1195	AAB4593	5	10	ft	SS		1.43	0.095	0.285	1.145	5.45		MG/KG				drainfield	KPA	19971	36551	RAD
Uranium	18-1195	AAB4595	10	15	ft	SS		0.299	0.0598	0.1794	0.1196	5.45		MG/KG				drainfield	KPA	18933	37309	RAD
Uranium	18-1195	AAB4596	10	15	ft	W		0.113	0.0226	0.0678	0.0452			UG/L				drainfield	KPA	18933	37309	RAD
Uranium	18-1196	AAB4597	0	5	ft	SS		2.38	0.16	0.48	1.9	5.45		MG/KG			J	drainfield	KPA	19948	35718	RAD
Uranium	18-1196	AAB4600				W		0.1	0.005	0.015	0.085			UG/L	EB		J	drainfield	KPA	19948	35718	RAD
Uranium	18-1196	AAB4601	5	10	ft	SS		1.88	0.125	0.375	1.505	5.45		MG/KG			J	drainfield	KPA	19948	35718	RAD
Uranium	18-1196	AAB4604	0	10	ft	W		0.37	0.025	0.075	0.295			UG/L			J	drainfield	KPA	19943	35759	RAD
Uranium-235	18-1173	AAB4568	0	6	in	SS	<	0.0522	0	0	0.0522	0.084	10	PCI/G				septic tank	G	18767	37133	RAD
Uranium-235	18-1176	AAB4569	0	12	in	SS	<	0.127	0	0	0.127	0.084	10	PCI/G				septic tank	G	18933	37314	RAD
Uranium-235	18-1176	AAB4571	0	5	ft	SS	<	0.145	0	0	0.145	0.084	10	PCI/G				septic tank	G	18933	37314	RAD
Uranium-235	18-1177	AAB4573	0	5	ft	SS	<	0.143	0	0	0.143	0.084	10	PCI/G	FD			septic tank	G	18933	37314	RAD

SAMPLING DATA FOR PRS 18-003(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium-235	18-1177	AAB4573	0	5	ft	SS	<	0.133	0	0	0.133	0.084	10	PCI/G	FD	D		septic tank	G	18933	37314	RAD
Uranium-235	18-1177	AAB4574	0	5	ft	SS	<	0.157	0	0	0.157	0.084	10	PCI/G	FD			septic tank	G	18933	37314	RAD
Uranium-235	18-1180	AAB4586	0	6	in	SS	<	0.0545	0	0	0.0545	0.084	10	PCI/G				drainfield	G	18767	37133	RAD
Uranium-235	18-1181	AAB4587	0	6	in	SS	<	0.08	0	0	0.08	0.084	10	PCI/G				drainfield	G	18767	37133	RAD
Uranium-235	18-1182	AAB4588	0	6	in	SS	<	0.083	0	0	0.083	0.084	10	PCI/G				drainfield	G	18767	37133	RAD
Uranium-235	18-1185	AAB4570	0	12	in	SS	<	0.166	0	0	0.166	0.084	10	PCI/G				septic tank	G	18933	37314	RAD
Uranium-235	18-1187	AAB4589	0	6	in	SS	<	0.0771	0	0	0.0771	0.084	10	PCI/G				drainfield	G	18767	37133	RAD
Uranium-235	18-1187	AAB4589	0	6	in	SS	<	0.0863	0	0	0.0863	0.084	10	PCI/G		D		drainfield	G	18767	37133	RAD
Uranium-235	18-1188	AAB4590	0	6	in	SS	<	0.0691	0	0	0.0691	0.084	10	PCI/G				drainfield	G	18767	37133	RAD
Uranium-235	18-1195	AAB4595	10	15	ft	SS	<	0.131	0	0	0.131	0.084	10	PCI/G				drainfield	G	18933	37314	RAD
Uranium-235	18-1195	AAB4596	10	15	ft	W	<	11.8	0	0	11.8			PCI/L				drainfield	G	18933	37314	RAD
Uranium-235	18-1195	AAB4596	10	15	ft	W	<	8.08	0	0	8.08			PCI/L				drainfield	G	18933	37314	RAD

SAMPLING DATA FOR PRS 18-003(e)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Actinium-228	18-1225	AAB4605	2	4	ft	SS		0.622	0.05	0.15	0.472			PCI/G				septic tank	G	19055	38488	RAD
Actinium-228	18-1227	AAB4609	5	10		SS		1.5767	0.09	0.27	1.3067			PCI/G				septic tank	G	19055	38488	RAD
Americium-241	18-1225	AAB4605	2	4	ft	SS	<	0.0315	0	0	0.0315		22	PCI/G				septic tank	G	19055	38488	RAD
Americium-241	18-1227	AAB4609	5	10		SS	<	0.0517	0	0	0.0517		22	PCI/G				septic tank	G	19055	38488	RAD
Americium-241	18-1227	AAB4611	0	5	ft	SS		0.103	0.0225	0.0675	0.0355		22	PCI/G		D		septic tank	G	19055	38488	RAD
Americium-241	18-1227	AAB4611	0	5	ft	SS	-	0.049	0.075	0.225	-0.176		22	PCI/G				septic tank	G	19055	38488	RAD
Americium-241	18-1233	AAB4626	0	5	ft	SS		0.041	0.0715	0.2145	-0.1735		22	PCI/G				drainfield	G	19953	33963	RAD
Americium-241	18-1233	AAB4628	5	10	ft	SS		0.051	0.056	0.168	-0.117		22	PCI/G				drainfield	G	19953	33963	RAD
Americium-241	18-1233	AAB4630	15	20	ft	SS		0.067	0.0755	0.2265	-0.1595		22	PCI/G				drainfield	G	19953	33963	RAD
Americium-241	18-1233	AAB4630	10	15	ft	SS		0.067	0.0755	0.2265	-0.1595		22	PCI/G				drainfield	G	19953	33963	RAD
Barium-140	18-1233	AAB4626	0	5	ft	SS		1.13	40.25	120.75	-119.62			PCI/G				drainfield	G	19953	33963	RAD
Barium-140	18-1233	AAB4628	5	10	ft	SS		58.6	33.4	100.2	-41.6			PCI/G				drainfield	G	19953	33963	RAD
Barium-140	18-1233	AAB4630	10	15	ft	SS		25	40.8	122.4	-97.4			PCI/G				drainfield	G	19953	33963	RAD
Barium-140	18-1233	AAB4630	15	20	ft	SS		25	40.8	122.4	-97.4			PCI/G				drainfield	G	19953	33963	RAD
Bismuth-211	18-1225	AAB4605	2	4	ft	SS		0.4103	0.1	0.3	0.1103			PCI/G				septic tank	G	19055	38488	RAD
Bismuth-211	18-1227	AAB4609	5	10		SS		0.8103	0.16	0.48	0.3303			PCI/G				septic tank	G	19055	38488	RAD
Bismuth-212	18-1225	AAB4605	2	4	ft	SS	<	0.368	0	0	0.368			PCI/G				septic tank	G	19055	38488	RAD
Bismuth-212	18-1227	AAB4609	5	10		SS	<	0.637	0	0	0.637			PCI/G				septic tank	G	19055	38488	RAD
Bismuth-214	18-1225	AAB4605	2	4	ft	SS		0.574	0.03	0.09	0.484			PCI/G				septic tank	G	19055	38488	RAD
Bismuth-214	18-1227	AAB4609	5	10		SS		0.9704	0.06	0.18	0.7904			PCI/G				septic tank	G	19055	38488	RAD
Cerium-144	18-1225	AAB4605	2	4	ft	SS	<	0.0694	0	0	0.0694		56	PCI/G				septic tank	G	19055	38488	RAD
Cerium-144	18-1227	AAB4609	5	10		SS	<	0.114	0	0	0.114		56	PCI/G				septic tank	G	19055	38488	RAD
Cerium-144	18-1227	AAB4611	0	5	ft	SS	-	8.59	1.795	5.385	3.205		56	PCI/G				septic tank	G	19055	38488	RAD
Cerium-144	18-1227	AAB4611	0	5	ft	SS	-	0.058	1.055	3.165	-3.107		56	PCI/G		D		septic tank	G	19055	38488	RAD
Cerium-144	18-1233	AAB4626	0	5	ft	SS		0.01	0.1005	0.3015	-0.2915		56	PCI/G				drainfield	G	19953	33963	RAD
Cerium-144	18-1233	AAB4628	5	10	ft	SS	-	0.027	0.09	0.27	-0.243		56	PCI/G				drainfield	G	19953	33963	RAD
Cerium-144	18-1233	AAB4630	10	15	ft	SS		0.002	0.0995	0.2985	-0.2965		56	PCI/G				drainfield	G	19953	33963	RAD
Cerium-144	18-1233	AAB4630	15	20	ft	SS		0.002	0.0995	0.2985	-0.2965		56	PCI/G				drainfield	G	19953	33963	RAD
Cesium-134	18-1225	AAB4605	2	4	ft	SS	<	0.0245	0	0	0.0245		1.9	PCI/G				septic tank	G	19055	38488	RAD
Cesium-134	18-1227	AAB4609	5	10		SS	<	0.0409	0	0	0.0409		1.9	PCI/G				septic tank	G	19055	38488	RAD
Cesium-137	18-1225	AAB4605	2	4	ft	SS		0.0228	0.01	0.03	-0.0072	1.4	5.1	PCI/G				septic tank	G	19055	38488	RAD
Cesium-137	18-1227	AAB4609	5	10		SS	<	0.0164	0	0	0.0164	1.4	5.1	PCI/G				septic tank	G	19055	38488	RAD
Cesium-137	18-1227	AAB4611	0	5	ft	SS		0.09	0.01	0.03	0.06	1.4	5.1	PCI/G		D		septic tank	G	19055	38488	RAD
Cesium-137	18-1227	AAB4611	0	5	ft	SS		0.093	0.0085	0.0255	0.0675	1.4	5.1	PCI/G				septic tank	G	19055	38488	RAD
Cesium-137	18-1233	AAB4626	0	5	ft	SS		0.016	0.015	0.045	-0.029	1.4	5.1	PCI/G				drainfield	G	19953	33963	RAD
Cesium-137	18-1233	AAB4628	5	10	ft	SS	-	0.014	0.0115	0.0345	-0.0205	1.4	5.1	PCI/G				drainfield	G	19953	33963	RAD
Cesium-137	18-1233	AAB4630	10	15	ft	SS		0.001	0.011	0.033	-0.032	1.4	5.1	PCI/G				drainfield	G	19953	33963	RAD
Cesium-137	18-1233	AAB4630	15	20	ft	SS		0.001	0.011	0.033	-0.032	1.4	5.1	PCI/G				drainfield	G	19953	33963	RAD
Cobalt-57	18-1225	AAB4605	2	4	ft	SS	<	0.0107	0	0	0.0107			PCI/G				septic tank	G	19055	38488	RAD
Cobalt-57	18-1227	AAB4609	5	10		SS	<	0.0142	0	0	0.0142			PCI/G				septic tank	G	19055	38488	RAD
Cobalt-57	18-1227	AAB4611	0	5	ft	SS		0.017	0.013	0.039	-0.022			PCI/G		D		septic tank	G	19055	38488	RAD
Cobalt-57	18-1227	AAB4611	0	5	ft	SS		0.002	0.016	0.048	-0.046			PCI/G				septic tank	G	19055	38488	RAD
Cobalt-60	18-1225	AAB4605	2	4	ft	SS	<	0.0066	0	0	0.0066		1.1	PCI/G				septic tank	G	19055	38488	RAD
Cobalt-60	18-1227	AAB4609	5	10		SS	<	0.018	0	0	0.018		1.1	PCI/G				septic tank	G	19055	38488	RAD
Cobalt-60	18-1227	AAB4611	0	5	ft	SS		0.002	0.013	0.039	-0.037		1.1	PCI/G				septic tank	G	19055	38488	RAD
Cobalt-60	18-1227	AAB4611	0	5	ft	SS		0.001	0.0095	0.0285	-0.0275		1.1	PCI/G		D		septic tank	G	19055	38488	RAD
Cobalt-60	18-1233	AAB4626	0	5	ft	SS		0.016	0.019	0.057	-0.041		1.1	PCI/G				drainfield	G	19953	33963	RAD

SAMPLING DATA FOR PRS 18-003(e)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cobalt-60	18-1233	AAB4628	5	10	ft	SS	-	0.016	0.0185	0.0555	-0.0395		1.1	PCI/G				drainfield	G	19953	33963	RAD
Cobalt-60	18-1233	AAB4630	10	15	ft	SS		0.005	0.016	0.048	-0.043		1.1	PCI/G				drainfield	G	19953	33963	RAD
Cobalt-60	18-1233	AAB4630	15	20	ft	SS		0.005	0.016	0.048	-0.043		1.1	PCI/G				drainfield	G	19953	33963	RAD
Europium-152	18-1227	AAB4611	0	5	ft	SS	-	0.036	0.049	0.147	-0.111		2.6	PCI/G				septic tank	G	19055	38488	RAD
Europium-152	18-1227	AAB4611	0	5	ft	SS		0.028	0.0335	0.1005	-0.0725		2.6	PCI/G		D		septic tank	G	19055	38488	RAD
Europium-152	18-1233	AAB4626	0	5	ft	SS		0.2	0.081	0.243	-0.043		2.6	PCI/G				drainfield	G	19953	33963	RAD
Europium-152	18-1233	AAB4628	5	10	ft	SS		0.117	0.072	0.216	-0.099		2.6	PCI/G				drainfield	G	19953	33963	RAD
Europium-152	18-1233	AAB4630	10	15	ft	SS		0.095	0.058	0.174	-0.079		2.6	PCI/G				drainfield	G	19953	33963	RAD
Europium-152	18-1233	AAB4630	15	20	ft	SS		0.095	0.058	0.174	-0.079		2.6	PCI/G				drainfield	G	19953	33963	RAD
Lead-210	18-1225	AAB4605	2	4	ft	SS	<	0.619	0	0	0.619			PCI/G				septic tank	G	19055	38488	RAD
Lead-210	18-1227	AAB4609	5	10		SS	<	1.05	0	0	1.05			PCI/G				septic tank	G	19055	38488	RAD
Lead-211	18-1225	AAB4605	2	4	ft	SS	<	0.287	0	0	0.287			PCI/G				septic tank	G	19055	38488	RAD
Lead-211	18-1227	AAB4609	5	10		SS	<	0.423	0	0	0.423			PCI/G				septic tank	G	19055	38488	RAD
Lead-212	18-1225	AAB4605	2	4	ft	SS		0.5066	0.03	0.09	0.4166			PCI/G				septic tank	G	19055	38488	RAD
Lead-212	18-1227	AAB4609	5	10		SS		1.5061	0.07	0.21	1.2961			PCI/G				septic tank	G	19055	38488	RAD
Lead-212	18-1230	AAB4613	0	5	ft	SS		1.815	0.122	0.366	1.449			PCI/G				drainfield	G	19197	29888	RAD
Lead-212	18-1230	AAB4615	5	10	ft	SS		1.111	0.125	0.375	0.736			PCI/G	FD			drainfield	G	19197	29888	RAD
Lead-212	18-1230	AAB4615	5	10	ft	SS		1.583	0.1165	0.3495	1.2335			PCI/G	FD	D		drainfield	G	19197	29888	RAD
Lead-212	18-1230	AAB4616	5	10	ft	SS		1.093	0.1269	0.3807	0.7123			PCI/G	FD			drainfield	G	19197	29888	RAD
Lead-212	18-1231	AAB4618	0	5	ft	SS		1.323	0.1834	0.5502	0.7728			PCI/G				drainfield	G	19197	29888	RAD
Lead-212	18-1231	AAB4620	5	10	ft	SS		1.226	0.1699	0.5097	0.7163			PCI/G				drainfield	G	19197	29888	RAD
Lead-212	18-1232	AAB4622	0	5	ft	SS		1.141	0.1367	0.4101	0.7309			PCI/G				drainfield	G	19197	29888	RAD
Lead-212	18-1232	AAB4624	5	10	ft	SS		1.119	0.1049	0.3147	0.8043			PCI/G				drainfield	G	19197	29888	RAD
Lead-212	18-1234	AAB4634	0	5	ft	SS		1.249	0.1783	0.5349	0.7141			PCI/G				drainfield	G	19197	29888	RAD
Lead-212	18-1234	AAB4636	5	10	ft	SS		1.459	0.1092	0.3276	1.1314			PCI/G				drainfield	G	19197	29888	RAD
Lead-214	18-1225	AAB4605	2	4	ft	SS		0.5013	0.03	0.09	0.4113			PCI/G				septic tank	G	19055	38488	RAD
Lead-214	18-1227	AAB4609	5	10		SS		0.9505	0.06	0.18	0.7705			PCI/G				septic tank	G	19055	38488	RAD
Lead-214	18-1230	AAB4613	0	5	ft	SS		0.8029	0.1085	0.3255	0.4774			PCI/G				drainfield	G	19197	29888	RAD
Lead-214	18-1230	AAB4615	5	10	ft	SS		0.9115	0.1286	0.3858	0.5257			PCI/G	FD	D		drainfield	G	19197	29888	RAD
Lead-214	18-1230	AAB4615	5	10	ft	SS		0.858	0.1103	0.3309	0.5271			PCI/G	FD			drainfield	G	19197	29888	RAD
Lead-214	18-1230	AAB4616	5	10	ft	SS		1.01	0.1185	0.3555	0.6545			PCI/G	FD			drainfield	G	19197	29888	RAD
Lead-214	18-1231	AAB4618	0	5	ft	SS		0.7136	0.1543	0.4629	0.2507			PCI/G				drainfield	G	19197	29888	RAD
Lead-214	18-1231	AAB4620	5	10	ft	SS		0.6377	0.1579	0.4737	0.164			PCI/G				drainfield	G	19197	29888	RAD
Lead-214	18-1232	AAB4622	0	5	ft	SS		1.008	0.1129	0.3387	0.6693			PCI/G				drainfield	G	19197	29888	RAD
Lead-214	18-1232	AAB4624	5	10	ft	SS		1.08	0.1208	0.3624	0.7176			PCI/G				drainfield	G	19197	29888	RAD
Lead-214	18-1234	AAB4634	0	5	ft	SS		1.106	0.165	0.495	0.611			PCI/G				drainfield	G	19197	29888	RAD
Lead-214	18-1234	AAB4636	5	10	ft	SS		0.83	0.1118	0.3354	0.4946			PCI/G				drainfield	G	19197	29888	RAD
Manganese-54	18-1225	AAB4605	2	4	ft	SS	<	0.0139	0	0	0.0139		3.5	PCI/G				septic tank	G	19055	38488	RAD
Manganese-54	18-1227	AAB4609	5	10		SS	<	0.0236	0	0	0.0236		3.5	PCI/G				septic tank	G	19055	38488	RAD
Neptunium-237	18-1227	AAB4611	0	5	ft	SS		0.071	0.015	0.045	0.026		1.9	PCI/G				septic tank	G	19055	38488	RAD
Neptunium-237	18-1227	AAB4611	0	5	ft	SS		0.022	0.012	0.036	-0.014		1.9	PCI/G		D		septic tank	G	19055	38488	RAD
Neptunium-237	18-1233	AAB4626	0	5	ft	SS		0.017	0.022	0.066	-0.049		1.9	PCI/G				drainfield	G	19953	33963	RAD
Neptunium-237	18-1233	AAB4628	5	10	ft	SS	-	0.019	0.0165	0.0495	-0.0305		1.9	PCI/G				drainfield	G	19953	33963	RAD
Neptunium-237	18-1233	AAB4630	10	15	ft	SS	-	0.007	0.018	0.054	-0.047		1.9	PCI/G				drainfield	G	19953	33963	RAD
Neptunium-237	18-1233	AAB4630	15	20	ft	SS	-	0.007	0.018	0.054	-0.047		1.9	PCI/G				drainfield	G	19953	33963	RAD
Plutonium-238	18-1225	AAB4605	2	4	ft	SS		0.04	0.003	0.009	0.031	0.014	27	PCI/G				septic tank	RAS	19055	37480	RAD
Plutonium-238	18-1226	AAB4607	0	5	ft	SS	-	0.0005	0.003	0.009	-0.0085	0.014	27	PCI/G				septic tank	RAS	19184	31961	RAD

SAMPLING DATA FOR PRS 18-003(e)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	18-1227	AAB4609	5	10		SS		0.06	0.003	0.009	0.051	0.014	27	PCI/G				septic tank	RAS	19055	37480	RAD
Plutonium-238	18-1227	AAB4611	0	5	ft	SS		0.02	0.002	0.006	0.014	0.014	27	PCI/G				septic tank	RAS	19055	37480	RAD
Plutonium-238	18-1230	AAB4613	0	5	ft	SS		0.0019	0.0022	0.0066	-0.0047	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1230	AAB4615	5	10	ft	SS		0.0003	0.0002	0.0006	-0.0003	0.014	27	PCI/G	FD		J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1230	AAB4615	5	10	ft	SS	-	0.0016	0.0029	0.0087	-0.0071	0.014	27	PCI/G	FD	D	J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1230	AAB4616	5	10	ft	SS		0.0003	0.0025	0.0075	-0.0072	0.014	27	PCI/G	FD		J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1231	AAB4618	0	5	ft	SS	-	0.0071	0.0034	0.0102	-0.0031	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1231	AAB4620	5	10	ft	SS	-	0.0018	0.0011	0.0033	-0.0015	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1232	AAB4622	0	5	ft	SS	-	0.0013	0.0014	0.0042	-0.0029	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1232	AAB4624	5	10	ft	SS		0.0021	0.0027	0.0081	-0.006	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1233	AAB4626	0	5	ft	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1233	AAB4626	0	5	ft	SS	-	0.01	0.005	0.015	-0.005	0.014	27	PCI/G		D		drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1233	AAB4628	5	10	ft	SS		0.03	0.005	0.015	0.015	0.014	27	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1233	AAB4630	15	20	ft	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1233	AAB4630	10	15	ft	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-238	18-1233	AAB4631	0	21	ft	W		0.0049	0.07	0.21	-0.2051		15	PCI/L				drainfield	RAS	19184	31961	RAD
Plutonium-238	18-1233	AAB4632				W	-	0.0311	0.0311	0.0933	-0.0622		15	PCI/L	FR			drainfield	RAS	19184	31961	RAD
Plutonium-238	18-1233	AAB4633				W	-	0.145	0.091	0.273	-0.128		15	PCI/L	EB			drainfield	RAS	19184	31961	RAD
Plutonium-238	18-1234	AAB4634	0	5	ft	SS	-	0.0022	0.0026	0.0078	-0.0056	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1234	AAB4636	5	10	ft	SS	-	0.0023	0.0026	0.0078	-0.0055	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1234	AAB4638	15	20	ft	SS	-	0.0015	0.0021	0.0063	-0.0048	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1234	AAB4638	10	15	ft	SS	-	0.0015	0.0021	0.0063	-0.0048	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-238	18-1234	AAB4639	0	23	ft	W	-	0.174	0.093	0.279	-0.105		15	PCI/L		D		drainfield	RAS	19184	31961	RAD
Plutonium-238	18-1234	AAB4639	0	23	ft	W	-	0.0424	0.0675	0.2025	-0.1601		15	PCI/L				drainfield	RAS	19184	31961	RAD
Plutonium-238	18-1654	AAB5274	0	6	in	SS		0.0046	0.003	0.009	-0.0044	0.014	27	PCI/G				18-1654, AAB5270	RAS	20286	34831	RAD
Plutonium-238	18-1655	AAB5275	0	6	in	SS		0.0062	0.003	0.009	-0.0028	0.014	27	PCI/G				18-1655, AAB5271	RAS	20286	34831	RAD
Plutonium-238	18-1234	AAB4638	20	23	ft	SS	-	0.0015	0.0021	0.0063	-0.0048	0.014	27	PCI/G			J	drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1225	AAB4605	2	4	ft	SS		0	0.0015	0.0045	-0.0045	0.052	24	PCI/G			J	septic tank	RAS	19055	37480	RAD
Plutonium-239	18-1226	AAB4607	0	5	ft	SS	-	0.001	0.0023	0.0069	-0.0059	0.052	24	PCI/G				septic tank	RAS	19184	31961	RAD
Plutonium-239	18-1227	AAB4609	5	10		SS		0.01	0.001	0.003	0.007	0.052	24	PCI/G			J	septic tank	RAS	19055	37480	RAD
Plutonium-239	18-1227	AAB4611	0	5	ft	SS		0	0.0005	0.0015	-0.0015	0.052	24	PCI/G			J	septic tank	RAS	19055	37480	RAD
Plutonium-239	18-1230	AAB4613	0	5	ft	SS	-	0.0004	0.0014	0.0042	-0.0038	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1230	AAB4615	5	10	ft	SS		0.0077	0.004	0.012	-0.0043	0.052	24	PCI/G	FD	D		drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1230	AAB4615	5	10	ft	SS	-	0.0019	0.0014	0.0042	-0.0023	0.052	24	PCI/G	FD			drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1230	AAB4616	5	10	ft	SS		0.0005	0.002	0.006	-0.0055	0.052	24	PCI/G	FD			drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1231	AAB4618	0	5	ft	SS	-	0.0059	0.0039	0.0117	-0.0058	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1231	AAB4620	5	10	ft	SS	-	0.001	0.0008	0.0024	-0.0014	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1232	AAB4622	0	5	ft	SS		0.0023	0.002	0.006	-0.0037	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1232	AAB4624	5	10	ft	SS	-	0.0033	0.0019	0.0057	-0.0024	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1233	AAB4626	0	5	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-239	18-1233	AAB4626	0	5	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G		D		drainfield	RAS	19953	33961	RAD
Plutonium-239	18-1233	AAB4628	5	10	ft	SS		0.01	0.005	0.015	-0.005	0.052	24	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-239	18-1233	AAB4630	10	15	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-239	18-1233	AAB4630	15	20	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				drainfield	RAS	19953	33961	RAD
Plutonium-239	18-1233	AAB4631	0	21	ft	W	-	0.0198	0.0475	0.1425	-0.1227		15	PCI/L				drainfield	RAS	19184	31961	RAD
Plutonium-239	18-1233	AAB4632				W	-	0.0236	0.027	0.081	-0.0574		15	PCI/L	FR			drainfield	RAS	19184	31961	RAD
Plutonium-239	18-1233	AAB4633				W	-	0.0961	0.06	0.18	-0.0839		15	PCI/L	EB			drainfield	RAS	19184	31961	RAD

SAMPLING DATA FOR PRS 18-003(e)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-239	18-1234	AAB4634	0	5	ft	SS	-	0.0022	0.0021	0.0063	-0.0041	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1234	AAB4636	5	10	ft	SS	-	0.005	0.002	0.006	-0.001	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1234	AAB4638	10	15	ft	SS	-	0.0008	0.0019	0.0057	-0.0049	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1234	AAB4638	15	20	ft	SS	-	0.0008	0.0019	0.0057	-0.0049	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Plutonium-239	18-1234	AAB4639	0	23	ft	W	-	0.0917	0.051	0.153	-0.0613		15	PCI/L				drainfield	RAS	19184	31961	RAD
Plutonium-239	18-1234	AAB4639	0	23	ft	W	-	0.122	0.078	0.234	-0.112		15	PCI/L		D		drainfield	RAS	19184	31961	RAD
Plutonium-239	18-1654	AAB5274	0	6	in	SS		0.0156	0.0056	0.0168	-0.0012	0.052	24	PCI/G				18-1654, AAB5270	RAS	20286	34831	RAD
Plutonium-239	18-1655	AAB5275	0	6	in	SS		0.0209	0.0056	0.0168	0.0041	0.052	24	PCI/G				18-1655, AAB5271	RAS	20286	34831	RAD
Plutonium-239	18-1234	AAB4638	20	23	ft	SS	-	0.0008	0.0019	0.0057	-0.0049	0.052	24	PCI/G				drainfield	RAS	19197	29884	RAD
Potassium-40	18-1225	AAB4605	2	4	ft	SS		14.483	0.56	1.68	12.803	28.6	12	PCI/G				septic tank	G	19055	38488	RAD
Potassium-40	18-1226	AAB4607	0	5	ft	SS		28.14	3.049	9.147	18.993	28.6	12	PCI/G				septic tank	G	19184	31968	RAD
Potassium-40	18-1227	AAB4609	5	10		SS		30.627	1.13	3.39	27.237	28.6	12	PCI/G				septic tank	G	19055	38488	RAD
Potassium-40	18-1227	AAB4611	0	5	ft	SS		26.9	0.308	0.924	25.976	28.6	12	PCI/G		D		septic tank	G	19055	38488	RAD
Potassium-40	18-1227	AAB4611	0	5	ft	SS		25.5	0.389	1.167	24.333	28.6	12	PCI/G				septic tank	G	19055	38488	RAD
Potassium-40	18-1230	AAB4615	5	10	ft	SS		30.67	2.4495	7.3485	23.3215	28.6	12	PCI/G	FD			drainfield	G	19197	29888	RAD
Potassium-40	18-1230	AAB4616	5	10	ft	SS		27.18	2.289	6.867	20.313	28.6	12	PCI/G	FD			drainfield	G	19197	29888	RAD
Potassium-40	18-1231	AAB4618	0	5	ft	SS		23.84	2.847	8.541	15.299	28.6	12	PCI/G				drainfield	G	19197	29888	RAD
Potassium-40	18-1231	AAB4620	5	10	ft	SS		26.07	2.958	8.874	17.196	28.6	12	PCI/G				drainfield	G	19197	29888	RAD
Potassium-40	18-1232	AAB4622	0	5	ft	SS		29.14	2.3775	7.1325	22.0075	28.6	12	PCI/G				drainfield	G	19197	29888	RAD
Potassium-40	18-1234	AAB4634	0	5	ft	SS		30.48	3.2375	9.7125	20.7675	28.6	12	PCI/G				drainfield	G	19197	29888	RAD
Potassium-40	18-1234	AAB4636	5	10	ft	SS		30.17	2.458	7.374	22.796	28.6	12	PCI/G				drainfield	G	19197	29888	RAD
Potassium-40	18-1234	AAB4638	15	20	ft	SS		24.32	2.1285	6.3855	17.9345	28.6	12	PCI/G				drainfield	G	19197	29888	RAD
Potassium-40	18-1234	AAB4638	10	15	ft	SS		24.32	2.1285	6.3855	17.9345	28.6	12	PCI/G				drainfield	G	19197	29888	RAD
Potassium-40	18-1234	AAB4638	20	23	ft	SS		24.32	2.1285	6.3855	17.9345	28.6	12	PCI/G				drainfield	G	19197	29888	RAD
Protactinium-231	18-1225	AAB4605	2	4	ft	SS	<	0.197	0	0	0.197			PCI/G				septic tank	G	19055	38488	RAD
Protactinium-231	18-1227	AAB4609	5	10		SS	<	0.455	0	0	0.455			PCI/G				septic tank	G	19055	38488	RAD
Protactinium-234	18-1225	AAB4605	2	4	ft	SS	<	0.0854	0	0	0.0854			PCI/G				septic tank	G	19055	38488	RAD
Protactinium-234	18-1227	AAB4609	5	10		SS	<	0.139	0	0	0.139			PCI/G				septic tank	G	19055	38488	RAD
Protactinium-234M	18-1225	AAB4605	2	4	ft	SS	<	1.49	0	0	1.49			PCI/G				septic tank	G	19055	38488	RAD
Protactinium-234M	18-1227	AAB4609	5	10		SS	<	3.58	0	0	3.58			PCI/G				septic tank	G	19055	38488	RAD
Radium-223	18-1225	AAB4605	2	4	ft	SS	<	0.101	0	0	0.101			PCI/G				septic tank	G	19055	38488	RAD
Radium-223	18-1227	AAB4609	5	10		SS	<	0.194	0	0	0.194			PCI/G				septic tank	G	19055	38488	RAD
Radium-224	18-1225	AAB4605	2	4	ft	SS		1.0174	0.22	0.66	0.3574			PCI/G				septic tank	G	19055	38488	RAD
Radium-224	18-1227	AAB4609	5	10		SS		2.8065	0.39	1.17	1.6365			PCI/G				septic tank	G	19055	38488	RAD
Radium-226	18-1225	AAB4605	2	4	ft	SS		0.7926	0.21	0.63	0.1626		0.1	PCI/G				septic tank	G	19055	38488	RAD
Radium-226	18-1227	AAB4609	5	10		SS		2.3655	0.38	1.14	1.2255		0.1	PCI/G				septic tank	G	19055	38488	RAD
Radium-226	18-1230	AAB4613	0	5	ft	SS		0.8748	0.0929	0.2787	0.5961		0.1	PCI/G				drainfield	G	19197	29888	RAD
Radium-226	18-1230	AAB4615	5	10	ft	SS		0.9771	0.0944	0.2832	0.6939		0.1	PCI/G	FD			drainfield	G	19197	29888	RAD
Radium-226	18-1230	AAB4616	5	10	ft	SS		0.8935	0.0897	0.2691	0.6244		0.1	PCI/G	FD			drainfield	G	19197	29888	RAD
Radium-226	18-1231	AAB4618	0	5	ft	SS		0.7877	0.132	0.396	0.3917		0.1	PCI/G				drainfield	G	19197	29888	RAD
Radium-226	18-1231	AAB4620	5	10	ft	SS		0.6257	0.1256	0.3768	0.2489		0.1	PCI/G				drainfield	G	19197	29888	RAD
Radium-226	18-1232	AAB4622	0	5	ft	SS		1.049	0.094	0.282	0.767		0.1	PCI/G				drainfield	G	19197	29888	RAD
Radium-226	18-1232	AAB4624	5	10	ft	SS		0.8676	0.0956	0.2868	0.5808		0.1	PCI/G				drainfield	G	19197	29888	RAD
Radon-219	18-1225	AAB4605	2	4	ft	SS	<	0.142	0	0	0.142			PCI/G				septic tank	G	19055	38488	RAD
Radon-219	18-1227	AAB4609	5	10		SS	<	0.165	0	0	0.165			PCI/G				septic tank	G	19055	38488	RAD
Ruthenium-106	18-1225	AAB4605	2	4	ft	SS	<	0.0578	0	0	0.0578		13	PCI/G				septic tank	G	19055	38488	RAD
Ruthenium-106	18-1227	AAB4609	5	10		SS	<	0.171	0	0	0.171		13	PCI/G				septic tank	G	19055	38488	RAD

SAMPLING DATA FOR PRS 18-003(e)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Ruthenium-106	18-1227	AAB4611	0	5	ft	SS		0.101	0.1465	0.4395	-0.3385		13	PCI/G				septic tank	G	19055	38488	RAD
Ruthenium-106	18-1227	AAB4611	0	5	ft	SS		0.032	0.1175	0.3525	-0.3205		13	PCI/G		D		septic tank	G	19055	38488	RAD
Ruthenium-106	18-1233	AAB4626	0	5	ft	SS	-	0.413	0.18	0.54	-0.127		13	PCI/G				drainfield	G	19953	33963	RAD
Ruthenium-106	18-1233	AAB4628	5	10	ft	SS	-	0.103	0.145	0.435	-0.332		13	PCI/G				drainfield	G	19953	33963	RAD
Ruthenium-106	18-1233	AAB4630	10	15	ft	SS		0.114	0.1645	0.4935	-0.3795		13	PCI/G				drainfield	G	19953	33963	RAD
Ruthenium-106	18-1233	AAB4630	15	20	ft	SS		0.114	0.1645	0.4935	-0.3795		13	PCI/G				drainfield	G	19953	33963	RAD
Sodium-22	18-1225	AAB4605	2	4	ft	SS	<	0.0136	0	0	0.0136		1.3	PCI/G				septic tank	G	19055	38488	RAD
Sodium-22	18-1227	AAB4609	5	10		SS	<	0.0193	0	0	0.0193		1.3	PCI/G				septic tank	G	19055	38488	RAD
Sodium-22	18-1227	AAB4611	0	5	ft	SS		0.005	0.014	0.042	-0.037		1.3	PCI/G				septic tank	G	19055	38488	RAD
Sodium-22	18-1227	AAB4611	0	5	ft	SS	-	0.003	0.0115	0.0345	-0.0315		1.3	PCI/G		D		septic tank	G	19055	38488	RAD
Sodium-22	18-1233	AAB4626	0	5	ft	SS	-	0.008	0.02	0.06	-0.052		1.3	PCI/G				drainfield	G	19953	33963	RAD
Sodium-22	18-1233	AAB4628	5	10	ft	SS		0.014	0.0165	0.0495	-0.0355		1.3	PCI/G				drainfield	G	19953	33963	RAD
Sodium-22	18-1233	AAB4630	10	15	ft	SS	-	0.005	0.019	0.057	-0.052		1.3	PCI/G				drainfield	G	19953	33963	RAD
Sodium-22	18-1233	AAB4630	15	20	ft	SS	-	0.005	0.019	0.057	-0.052		1.3	PCI/G				drainfield	G	19953	33963	RAD
Thallium-208	18-1225	AAB4605	2	4	ft	SS		0.1691	0.01	0.03	0.1391			PCI/G				septic tank	G	19055	38488	RAD
Thallium-208	18-1227	AAB4609	5	10		SS		0.4772	0.03	0.09	0.3872			PCI/G				septic tank	G	19055	38488	RAD
Thallium-208	18-1230	AAB4616	5	10	ft	SS		0.3211	0.0647	0.1941	0.127			PCI/G	FD			drainfield	G	19197	29888	RAD
Thallium-208	18-1232	AAB4622	0	5	ft	SS		0.3945	0.066	0.198	0.1965			PCI/G				drainfield	G	19197	29888	RAD
Thallium-208	18-1232	AAB4624	5	10	ft	SS		0.2984	0.0684	0.2052	0.0932			PCI/G				drainfield	G	19197	29888	RAD
Thorium-227	18-1225	AAB4605	2	4	ft	SS	<	0.145	0	0	0.145			PCI/G				septic tank	G	19055	38488	RAD
Thorium-227	18-1227	AAB4609	5	10		SS	<	0.272	0	0	0.272			PCI/G				septic tank	G	19055	38488	RAD
Thorium-234	18-1225	AAB4605	2	4	ft	SS		1.1684	0.27	0.81	0.3584			PCI/G				septic tank	G	19055	38488	RAD
Thorium-234	18-1227	AAB4609	5	10		SS		1.9929	0.4	1.2	0.7929			PCI/G				septic tank	G	19055	38488	RAD
Thorium-234	18-1230	AAB4613	0	5	ft	SS		2.399	0.6405	1.9215	0.4775			PCI/G				drainfield	G	19197	29888	RAD
Thorium-234	18-1230	AAB4615	5	10	ft	SS		0.5973	0.5155	1.5465	-0.9492			PCI/G	FD	D		drainfield	G	19197	29888	RAD
Thorium-234	18-1232	AAB4624	5	10	ft	SS		0.009	0.457	1.371	-1.362			PCI/G				drainfield	G	19197	29888	RAD
Thorium-234	18-1234	AAB4636	5	10	ft	SS		0.6389	0.539	1.617	-0.9781			PCI/G				drainfield	G	19197	29888	RAD
Uranium	18-1225	AAB4605	2	4	ft	SS		0.249	0.0498	0.1494	0.0996	5.45		MG/KG			J	septic tank	KPA	19055	37478	RAD
Uranium	18-1226	AAB4607	0	5	ft	SS		1.53	0.0795	0.2385	1.2915	5.45		MG/KG				septic tank	KPA	19184	31986	RAD
Uranium	18-1227	AAB4609	5	10		SS		0.598	0.1196	0.3588	0.2392	5.45		MG/KG			J	septic tank	KPA	19055	37478	RAD
Uranium	18-1227	AAB4611	0	5	ft	SS		0.02	0.004	0.012	0.008	5.45		MG/KG			J	septic tank	KPA	19055	37478	RAD
Uranium	18-1230	AAB4613	0	5	ft	SS		1.02	0.054	0.162	0.858	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1230	AAB4615	5	10	ft	SS		1.4	0.073	0.219	1.181	5.45		MG/KG	FD	D		drainfield	KPA	19197	29886	RAD
Uranium	18-1230	AAB4615	5	10	ft	SS		1.18	0.063	0.189	0.991	5.45		MG/KG	FD			drainfield	KPA	19197	29886	RAD
Uranium	18-1230	AAB4616	5	10	ft	SS		1.16	0.0675	0.2025	0.9575	5.45		MG/KG	FD			drainfield	KPA	19197	29886	RAD
Uranium	18-1231	AAB4618	0	5	ft	SS		2.09	0.11	0.33	1.76	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1231	AAB4620	5	10	ft	SS		1.58	0.085	0.255	1.325	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1232	AAB4622	0	5	ft	SS		1.82	0.0955	0.2865	1.5335	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1232	AAB4624	5	10	ft	SS		1.18	0.063	0.189	0.991	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1233	AAB4626	0	5	ft	SS		2.69	0.18	0.54	2.15	5.45		MG/KG				drainfield	KPA	19953	33960	RAD
Uranium	18-1233	AAB4626	0	5	ft	SS		2.33	0.155	0.465	1.865	5.45		MG/KG		D		drainfield	KPA	19953	33960	RAD
Uranium	18-1233	AAB4628	5	10	ft	SS		1.82	0.125	0.375	1.445	5.45		MG/KG				drainfield	KPA	19953	33960	RAD
Uranium	18-1233	AAB4630	15	20	ft	SS		1.79	0.12	0.36	1.43	5.45		MG/KG				drainfield	KPA	19953	33960	RAD
Uranium	18-1233	AAB4630	10	15	ft	SS		1.79	0.12	0.36	1.43	5.45		MG/KG				drainfield	KPA	19953	33960	RAD
Uranium	18-1233	AAB4631	0	21	ft	W	<	1	0	0	1			UG/L			J	drainfield	KPA	19184	31986	RAD
Uranium	18-1233	AAB4632				W	<	1	0	0	1			UG/L	FR		J	drainfield	KPA	19184	31986	RAD
Uranium	18-1233	AAB4633				W	<	1	0	0	1			UG/L	EB		J	drainfield	KPA	19184	31986	RAD

SAMPLING DATA FOR PRS 18-003(e)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1234	AAB4634	0	5	ft	SS		2.43	0.1275	0.3825	2.0475	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1234	AAB4636	5	10	ft	SS		2.15	0.1125	0.3375	1.8125	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1234	AAB4638	15	20	ft	SS		1.3	0.0695	0.2085	1.0915	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1234	AAB4638	10	15	ft	SS		1.3	0.0695	0.2085	1.0915	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium	18-1234	AAB4639	0	23	ft	W	<	1	0	0	1			UG/L			J	drainfield	KPA	19184	31986	RAD
Uranium	18-1654	AAB5274	0	6	in	SS		4.68	0.2435	0.7305	3.9495	5.45		MG/KG				18-1654, AAB5270	KPA	20286	34829	RAD
Uranium	18-1655	AAB5275	0	6	in	SS		4	0.208	0.624	3.376	5.45		MG/KG				18-1655, AAB5271	KPA	20286	34829	RAD
Uranium	18-1234	AAB4638	20	23	ft	SS		1.3	0.0695	0.2085	1.0915	5.45		MG/KG				drainfield	KPA	19197	29886	RAD
Uranium-235	18-1225	AAB4605	2	4	ft	SS	<	0.0669	0	0	0.0669	0.084	10	PCI/G				septic tank	G	19055	38488	RAD
Uranium-235	18-1227	AAB4609	5	10		SS	<	0.0946	0	0	0.0946	0.084	10	PCI/G				septic tank	G	19055	38488	RAD
Uranium-235	18-1234	AAB4639	0	23	ft	W		3.023	3.859	11.577	-8.554			PCI/L				drainfield	G	19184	31968	RAD

SAMPLING DATA FOR PRS 18-003(f)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1240	AAB4640	2	4	ft	SS		1.33	0.0695	0.2085	1.1215	5.45		MG/KG			J	septic tank	KPA	19602	34273	RAD
Uranium	18-1241	AAB4642	2	3.25	ft	SS		1.38	0.072	0.216	1.164	5.45		MG/KG			J	septic tank	KPA	19602	34273	RAD
Uranium	18-1241	AAB4644	8.5	10	ft	SS		1.72	0.0895	0.2685	1.4515	5.45		MG/KG			J	septic tank	KPA	19602	34273	RAD
Uranium	18-1242	AAB4646	2.5	4	ft	SS		2.01	0.104	0.312	1.698	5.45		MG/KG			J	septic tank	KPA	19602	34273	RAD
Uranium	18-1250	AAB4648	3.5	5		SS		1.21	0.0064	0.0192	1.1908	5.45		MG/KG			J	drainfield	KPA	19603	36339	RAD
Uranium	18-1250	AAB4650	8.5	10	ft	SS		1.68	0.0875	0.2625	1.4175	5.45		MG/KG			J	drainfield	KPA	19603	36339	RAD
Uranium	18-1251	AAB4652	0	5	ft	SS		2.19	0.1145	0.3435	1.8465	5.45		MG/KG			J	drainfield	KPA	19603	36339	RAD
Uranium	18-1251	AAB4654	8	10	ft	SS		1.68	0.089	0.267	1.413	5.45		MG/KG			J	drainfield	KPA	19603	36339	RAD
Uranium	18-1252	AAB4656	2.5	3.5	ft	SS		2.35	0.1235	0.3705	1.9795	5.45		MG/KG			J	drainfield	KPA	19603	36339	RAD
Uranium	18-1252	AAB4658	8.5	10	ft	SS		2.1	0.111	0.333	1.767	5.45		MG/KG			J	drainfield	KPA	19603	36339	RAD
Uranium	18-1253	AAB4660	3.5	5	ft	SS		2	0.104	0.312	1.688	5.45		MG/KG			J	drainfield	KPA	19603	36339	RAD
Uranium	18-1253	AAB4662	8	10	ft	SS		2.05	0.1075	0.3225	1.7275	5.45		MG/KG	FD		J	drainfield	KPA	19603	36339	RAD
Uranium	18-1253	AAB4663	8	10	ft	SS		2.52	0.133	0.399	2.121	5.45		MG/KG	FD		J	drainfield	KPA	19603	36339	RAD
Uranium	18-1253	AAB4665				W		0	0	0	0			UG/L	EB			drainfield	KPA	19603	36339	RAD
Uranium	18-1254	AAB4666	2.5	5	ft	SS		1.35	0.0705	0.2115	1.1385	5.45		MG/KG			J	drainfield	KPA	19600	34278	RAD
Uranium	18-1254	AAB4668	7.5	9	ft	SS		124	8	24	100	5.45		MG/KG			J	drainfield	KPA	19600	34278	RAD
Uranium	18-1254	AAB4670	10	15	ft	SS		1.42	0.074	0.222	1.198	5.45		MG/KG			J	drainfield	KPA	19600	34278	RAD
Uranium	18-1254	AAB4671	0	15	ft	W		1.14	0.114	0.342	0.798			UG/L				drainfield	ICPMS	19831	37291	RAD
Uranium	18-1255	AAB4673	1	2.5	ft	SS		6.88	0.3575	1.0725	5.8075	5.45		MG/KG			J	drainfield	KPA	19600	34278	RAD
Uranium	18-1255	AAB4675	8	10	ft	SS		1.65	0.086	0.258	1.392	5.45		MG/KG			J	drainfield	KPA	19600	34278	RAD
Uranium	18-1255	AAB4677	10	15	ft	SS		1.64	0.0855	0.2565	1.3835	5.45		MG/KG		D	J	drainfield	KPA	19600	34278	RAD
Uranium	18-1255	AAB4677	10	15	ft	SS		1.78	0.0925	0.2775	1.5025	5.45		MG/KG			J	drainfield	KPA	19600	34278	RAD
Uranium	18-1255	AAB4677	15	20	ft	SS		1.78	0.0925	0.2775	1.5025	5.45		MG/KG			J	drainfield	KPA	19600	34278	RAD
Uranium	18-1255	AAB4677	15	20	ft	SS		1.64	0.0855	0.2565	1.3835	5.45		MG/KG		D	J	drainfield	KPA	19600	34278	RAD
Uranium	18-1255	AAB4677	20	23	ft	SS		1.64	0.0855	0.2565	1.3835	5.45		MG/KG		D	J	drainfield	KPA	19600	34278	RAD
Uranium	18-1255	AAB4677	20	23	ft	SS		1.78	0.0925	0.2775	1.5025	5.45		MG/KG			J	drainfield	KPA	19600	34278	RAD
Uranium	18-1255	AAB4678	0	28	ft	W	<	0.111	0	0	0.111			UG/L		D		drainfield	ICPMS	19831	37291	RAD
Uranium	18-1255	AAB4678	0	28	ft	W	<	0.111	0	0	0.111			UG/L				drainfield	ICPMS	19831	37291	RAD

SAMPLING DATA FOR PRS 18-003(g)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Actinium-228	18-1275	AAB4696	0	45.1	ft	W	<	12.1	0	0	12.1			PCI/L		D		septic tank	G	19831	37260	RAD
Actinium-228	18-1275	AAB4696	0	45.1	ft	W	<	9.67	0	0	9.67			PCI/L				septic tank	G	19831	37260	RAD
Americium-241	18-1275	AAB4690	3.5	5	ft	SS	-	0.079	0.08	0.24	-0.161		22	PCI/G				septic tank	G	19527	33035	RAD
Americium-241	18-1275	AAB4692	7	10	ft	SS	-	0.0175	0.0352	0.1056	-0.0881		22	PCI/G	FD	D		septic tank	G	19527	33035	RAD
Americium-241	18-1275	AAB4692	7	10	ft	SS	-	0.018	0.0355	0.1065	-0.0885		22	PCI/G	FD			septic tank	G	19527	33035	RAD
Americium-241	18-1275	AAB4693	7	10	ft	SS	-	0.063	0.089	0.267	-0.204		22	PCI/G	FD			septic tank	G	19527	33035	RAD
Americium-241	18-1275	AAB4695	20	21	ft	SS		0.012	0.063	0.189	-0.177		22	PCI/G				septic tank	G	19527	33035	RAD
Americium-241	18-1275	AAB4695	15	20	ft	SS		0.012	0.063	0.189	-0.177		22	PCI/G				septic tank	G	19527	33035	RAD
Americium-241	18-1275	AAB4695	10	15	ft	SS		0.012	0.063	0.189	-0.177		22	PCI/G				septic tank	G	19527	33035	RAD
Americium-241	18-1275	AAB4696	0	45.1	ft	W	<	8.54	0	0	8.54		15	PCI/L		D		septic tank	G	19831	37260	RAD
Americium-241	18-1275	AAB4696	0	45.1	ft	W	<	10.1	0	0	10.1		15	PCI/L				septic tank	G	19831	37260	RAD
Barium-140	18-1275	AAB4690	3.5	5	ft	SS		33.3	34.55	103.65	-70.35			PCI/G				septic tank	G	19527	33035	RAD
Barium-140	18-1275	AAB4692	7	10	ft	SS	-	15.6	22.15	66.45	-50.85			PCI/G	FD	D		septic tank	G	19527	33035	RAD
Barium-140	18-1275	AAB4692	7	10	ft	SS	-	15.6	22.15	66.45	-50.85			PCI/G	FD			septic tank	G	19527	33035	RAD
Barium-140	18-1275	AAB4693	7	10	ft	SS		58.9	36.2	108.6	-49.7			PCI/G	FD			septic tank	G	19527	33035	RAD
Barium-140	18-1275	AAB4695	20	21	ft	SS		7.55	24.35	73.05	-65.5			PCI/G				septic tank	G	19527	33035	RAD
Barium-140	18-1275	AAB4695	15	20	ft	SS		7.55	24.35	73.05	-65.5			PCI/G				septic tank	G	19527	33035	RAD
Barium-140	18-1275	AAB4695	10	15	ft	SS		7.55	24.35	73.05	-65.5			PCI/G				septic tank	G	19527	33035	RAD
Bismuth-211	18-1275	AAB4696	0	45.1	ft	W	<	17.2	0	0	17.2			PCI/L				septic tank	G	19831	37260	RAD
Bismuth-211	18-1275	AAB4696	0	45.1	ft	W	<	20.5	0	0	20.5			PCI/L		D		septic tank	G	19831	37260	RAD
Bismuth-212	18-1275	AAB4696	0	45.1	ft	W	<	90	0	0	90			PCI/L				septic tank	G	19831	37260	RAD
Bismuth-212	18-1275	AAB4696	0	45.1	ft	W	<	53.5	0	0	53.5			PCI/L		D		septic tank	G	19831	37260	RAD
Bismuth-214	18-1275	AAB4696	0	45.1	ft	W	<	7.54	0	0	7.54			PCI/L		D		septic tank	G	19831	37260	RAD
Bismuth-214	18-1275	AAB4696	0	45.1	ft	W	<	7.11	0	0	7.11			PCI/L				septic tank	G	19831	37260	RAD
Cerium-144	18-1275	AAB4690	3.5	5	ft	SS	-	0.049	0.0905	0.2715	-0.2225		56	PCI/G				septic tank	G	19527	33035	RAD
Cerium-144	18-1275	AAB4692	7	10	ft	SS	-	0.022	0.059	0.177	-0.155		56	PCI/G	FD			septic tank	G	19527	33035	RAD
Cerium-144	18-1275	AAB4692	7	10	ft	SS	-	0.0218	0.059	0.177	-0.1552		56	PCI/G	FD	D		septic tank	G	19527	33035	RAD
Cerium-144	18-1275	AAB4693	7	10	ft	SS	-	0.104	0.0915	0.2745	-0.1705		56	PCI/G	FD			septic tank	G	19527	33035	RAD
Cerium-144	18-1275	AAB4695	20	21	ft	SS	-	0.072	0.066	0.198	-0.126		56	PCI/G				septic tank	G	19527	33035	RAD
Cerium-144	18-1275	AAB4695	10	15	ft	SS	-	0.072	0.066	0.198	-0.126		56	PCI/G				septic tank	G	19527	33035	RAD
Cerium-144	18-1275	AAB4695	15	20	ft	SS	-	0.072	0.066	0.198	-0.126		56	PCI/G				septic tank	G	19527	33035	RAD
Cerium-144	18-1275	AAB4696	0	45.1	ft	W	<	14.8	0	0	14.8		270	PCI/L		D		septic tank	G	19831	37260	RAD
Cerium-144	18-1275	AAB4696	0	45.1	ft	W	<	10.2	0	0	10.2		270	PCI/L				septic tank	G	19831	37260	RAD
Cesium-134	18-1275	AAB4696	0	45.1	ft	W	<	0.834	0	0	0.834		75	PCI/L		D		septic tank	G	19831	37260	RAD
Cesium-134	18-1275	AAB4696	0	45.1	ft	W	<	1.75	0	0	1.75		75	PCI/L				septic tank	G	19831	37260	RAD
Cesium-137	18-1275	AAB4690	3.5	5	ft	SS	-	0.028	0.0155	0.0465	-0.0185	1.4	5.1	PCI/G				septic tank	G	19527	33035	RAD
Cesium-137	18-1275	AAB4692	7	10	ft	SS	-	0.004	0.01	0.03	-0.026	1.4	5.1	PCI/G	FD			septic tank	G	19527	33035	RAD
Cesium-137	18-1275	AAB4692	7	10	ft	SS	-	0.0042	0.0098	0.0294	-0.0252	1.4	5.1	PCI/G	FD	D		septic tank	G	19527	33035	RAD
Cesium-137	18-1275	AAB4693	7	10	ft	SS	-	0.008	0.018	0.054	-0.046	1.4	5.1	PCI/G	FD			septic tank	G	19527	33035	RAD
Cesium-137	18-1275	AAB4695	10	15	ft	SS		0.01	0.0105	0.0315	-0.0215	1.4	5.1	PCI/G				septic tank	G	19527	33035	RAD
Cesium-137	18-1275	AAB4695	20	21	ft	SS		0.01	0.0105	0.0315	-0.0215	1.4	5.1	PCI/G				septic tank	G	19527	33035	RAD
Cesium-137	18-1275	AAB4695	15	20	ft	SS		0.01	0.0105	0.0315	-0.0215	1.4	5.1	PCI/G				septic tank	G	19527	33035	RAD
Cesium-137	18-1275	AAB4696	0	45.1	ft	W	<	1.65	0	0	1.65		110	PCI/L			R	septic tank	G	19831	37260	RAD
Cesium-137	18-1275	AAB4696	0	45.1	ft	W	<	12.6	0	0	12.6		110	PCI/L		D	R	septic tank	G	19831	37260	RAD
Cobalt-57	18-1275	AAB4696	0	45.1	ft	W	<	2	0	0	2			PCI/L		D		septic tank	G	19831	37260	RAD

SAMPLING DATA FOR PRS 18-003(g)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Cobalt-57	18-1275	AAB4696	0	45.1	ft	W	<	1.3	0	0	1.3			PCI/L				septic tank	G	19831	37260	RAD
Cobalt-60	18-1275	AAB4690	3.5	5	ft	SS	-	0.005	0.021	0.063	-0.058		1.1	PCI/G				septic tank	G	19527	33035	RAD
Cobalt-60	18-1275	AAB4692	7	10	ft	SS	-	0.001	0.011	0.033	-0.032		1.1	PCI/G	FD			septic tank	G	19527	33035	RAD
Cobalt-60	18-1275	AAB4692	7	10	ft	SS	-	0.0006	0.011	0.033	-0.0324		1.1	PCI/G	FD	D		septic tank	G	19527	33035	RAD
Cobalt-60	18-1275	AAB4693	7	10	ft	SS	-	0.02	0.0245	0.0735	-0.0535		1.1	PCI/G	FD			septic tank	G	19527	33035	RAD
Cobalt-60	18-1275	AAB4695	10	15	ft	SS	-	0.015	0.0125	0.0375	-0.0225		1.1	PCI/G				septic tank	G	19527	33035	RAD
Cobalt-60	18-1275	AAB4695	15	20	ft	SS	-	0.015	0.0125	0.0375	-0.0225		1.1	PCI/G				septic tank	G	19527	33035	RAD
Cobalt-60	18-1275	AAB4695	20	21	ft	SS	-	0.015	0.0125	0.0375	-0.0225		1.1	PCI/G				septic tank	G	19527	33035	RAD
Cobalt-60	18-1275	AAB4696	0	45.1	ft	W	<	1.99	0	0	1.99		200	PCI/L		D		septic tank	G	19831	37260	RAD
Cobalt-60	18-1275	AAB4696	0	45.1	ft	W	<	1.69	0	0	1.69		200	PCI/L				septic tank	G	19831	37260	RAD
Europium-152	18-1275	AAB4690	3.5	5	ft	SS		0.112	0.077	0.231	-0.119		2.6	PCI/G				septic tank	G	19527	33035	RAD
Europium-152	18-1275	AAB4692	7	10	ft	SS		0.071	0.053	0.159	-0.088		2.6	PCI/G	FD			septic tank	G	19527	33035	RAD
Europium-152	18-1275	AAB4692	7	10	ft	SS		0.0711	0.053	0.159	-0.0879		2.6	PCI/G	FD	D		septic tank	G	19527	33035	RAD
Europium-152	18-1275	AAB4693	7	10	ft	SS		0.051	0.1065	0.3195	-0.2685		2.6	PCI/G	FD			septic tank	G	19527	33035	RAD
Europium-152	18-1275	AAB4695	10	15	ft	SS	-	0.029	0.063	0.189	-0.16		2.6	PCI/G				septic tank	G	19527	33035	RAD
Europium-152	18-1275	AAB4695	20	21	ft	SS	-	0.029	0.063	0.189	-0.16		2.6	PCI/G				septic tank	G	19527	33035	RAD
Europium-152	18-1275	AAB4695	15	20	ft	SS	-	0.029	0.063	0.189	-0.16		2.6	PCI/G				septic tank	G	19527	33035	RAD
Lead-210	18-1275	AAB4696	0	45.1	ft	W	<	277	0	0	277			PCI/L				septic tank	G	19831	37260	RAD
Lead-210	18-1275	AAB4696	0	45.1	ft	W	<	236	0	0	236			PCI/L		D		septic tank	G	19831	37260	RAD
Lead-211	18-1275	AAB4696	0	45.1	ft	W	<	67.9	0	0	67.9			PCI/L				septic tank	G	19831	37260	RAD
Lead-211	18-1275	AAB4696	0	45.1	ft	W	<	42.1	0	0	42.1			PCI/L		D		septic tank	G	19831	37260	RAD
Lead-212	18-1275	AAB4696	0	45.1	ft	W	<	6.35	0	0	6.35			PCI/L		D		septic tank	G	19831	37260	RAD
Lead-212	18-1275	AAB4696	0	45.1	ft	W	<	5.63	0	0	5.63			PCI/L				septic tank	G	19831	37260	RAD
Lead-214	18-1275	AAB4696	0	45.1	ft	W	<	5.75	0	0	5.75			PCI/L		D		septic tank	G	19831	37260	RAD
Lead-214	18-1275	AAB4696	0	45.1	ft	W	<	5.81	0	0	5.81			PCI/L				septic tank	G	19831	37260	RAD
Manganese-54	18-1275	AAB4696	0	45.1	ft	W	<	1.28	0	0	1.28		2100	PCI/L		D		septic tank	G	19831	37260	RAD
Manganese-54	18-1275	AAB4696	0	45.1	ft	W	<	2.43	0	0	2.43		2100	PCI/L				septic tank	G	19831	37260	RAD
Neptunium-237	18-1275	AAB4690	3.5	5	ft	SS		0.009	0.026	0.078	-0.069		1.9	PCI/G				septic tank	G	19527	33035	RAD
Neptunium-237	18-1275	AAB4692	7	10	ft	SS		0	0.0145	0.0435	-0.0435		1.9	PCI/G	FD			septic tank	G	19527	33035	RAD
Neptunium-237	18-1275	AAB4692	7	10	ft	SS		0.0003	0.0145	0.0435	-0.0432		1.9	PCI/G	FD	D		septic tank	G	19527	33035	RAD
Neptunium-237	18-1275	AAB4693	7	10	ft	SS		0.038	0.022	0.066	-0.028		1.9	PCI/G	FD			septic tank	G	19527	33035	RAD
Neptunium-237	18-1275	AAB4695	10	15	ft	SS	-	0.049	0.0155	0.0465	0.0025		1.9	PCI/G				septic tank	G	19527	33035	RAD
Neptunium-237	18-1275	AAB4695	20	21	ft	SS	-	0.049	0.0155	0.0465	0.0025		1.9	PCI/G				septic tank	G	19527	33035	RAD
Neptunium-237	18-1275	AAB4695	15	20	ft	SS	-	0.049	0.0155	0.0465	0.0025		1.9	PCI/G				septic tank	G	19527	33035	RAD
Plutonium-238	18-1045	AAA5828				W		0.013	0.03	0.09	-0.077		15	PCI/L					RAS	15899	24150	RAD
Plutonium-238	18-1045	AAA5829				W		0.009	0.03	0.09	-0.081		15	PCI/L	FD				RAS	15899	24150	RAD
Plutonium-238	18-1045	AAA5838				W		-0.005	0.03	0.09	-0.095		15	PCI/L	FR				RAS	15899	24150	RAD
Plutonium-238	18-1275	AAB4690	3.5	5	ft	SS		0.005	0.001	0.003	0.002	0.014	27	PCI/G				septic tank	RAS	19527	35117	RAD
Plutonium-238	18-1275	AAB4692	7	10	ft	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G	FD			septic tank	RAS	19527	35117	RAD
Plutonium-238	18-1275	AAB4693	7	10	ft	SS		0	0.0055	0.0165	-0.0165	0.014	27	PCI/G	FD			septic tank	RAS	19527	35117	RAD
Plutonium-238	18-1275	AAB4695	10	15	ft	SS		0.002	0.0005	0.0015	0.0005	0.014	27	PCI/G				septic tank	RAS	19527	35117	RAD
Plutonium-238	18-1275	AAB4695	15	20	ft	SS		0.002	0.0005	0.0015	0.0005	0.014	27	PCI/G				septic tank	RAS	19527	35117	RAD
Plutonium-238	18-1275	AAB4695	20	21	ft	SS		0.002	0.0005	0.0015	0.0005	0.014	27	PCI/G				septic tank	RAS	19527	35117	RAD
Plutonium-238	18-1275	AAB4696	0	45.1	ft	W		0.03	0.01	0.03	0		15	PCI/L				septic tank	RAS	19831	37252	RAD
Plutonium-238	18-1275	AAB4696	0	45.1	ft	W		0.03	0.01	0.03	0		15	PCI/L		D		septic tank	RAS	19831	37252	RAD

SAMPLING DATA FOR PRS 18-003(g)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-239	18-1045	AAA5828				W		0.002	0.02	0.06	-0.058		15	PCI/L					RAS	15899	24150	RAD
Plutonium-239	18-1045	AAA5829				W		-0.002	0.02	0.06	-0.062		15	PCI/L	FD				RAS	15899	24150	RAD
Plutonium-239	18-1045	AAA5838				W		0.01	0.02	0.06	-0.05		15	PCI/L	FR				RAS	15899	24150	RAD
Plutonium-239	18-1275	AAB4690	3.5	5	ft	SS		0.002	0.001	0.003	-0.001	0.052	24	PCI/G				septic tank	RAS	19527	35117	RAD
Plutonium-239	18-1275	AAB4692	7	10	ft	SS		0.005	0.002	0.006	-0.001	0.052	24	PCI/G	FD			septic tank	RAS	19527	35117	RAD
Plutonium-239	18-1275	AAB4693	7	10	ft	SS		0.002	0.0015	0.0045	-0.0025	0.052	24	PCI/G	FD			septic tank	RAS	19527	35117	RAD
Plutonium-239	18-1275	AAB4695	10	15	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				septic tank	RAS	19527	35117	RAD
Plutonium-239	18-1275	AAB4695	20	21	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				septic tank	RAS	19527	35117	RAD
Plutonium-239	18-1275	AAB4695	15	20	ft	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				septic tank	RAS	19527	35117	RAD
Plutonium-239	18-1275	AAB4696	0	45.1	ft	W		0.01	0.01	0.03	-0.02		15	PCI/L		D		septic tank	RAS	19831	37252	RAD
Plutonium-239	18-1275	AAB4696	0	45.1	ft	W		0.02	0.005	0.015	0.005		15	PCI/L				septic tank	RAS	19831	37252	RAD
Potassium-40	18-1275	AAB4696	0	45.1	ft	W	<	37.2	0	0	37.2		310	PCI/L				septic tank	G	19831	37260	RAD
Potassium-40	18-1275	AAB4696	0	45.1	ft	W	<	77.5	0	0	77.5		310	PCI/L		D		septic tank	G	19831	37260	RAD
Protactinium-231	18-1275	AAB4696	0	45.1	ft	W	<	51.1	0	0	51.1			PCI/L		D		septic tank	G	19831	37260	RAD
Protactinium-231	18-1275	AAB4696	0	45.1	ft	W	<	46.4	0	0	46.4			PCI/L				septic tank	G	19831	37260	RAD
Protactinium-234	18-1275	AAB4696	0	45.1	ft	W	<	14.3	0	0	14.3			PCI/L				septic tank	G	19831	37260	RAD
Protactinium-234	18-1275	AAB4696	0	45.1	ft	W	<	5.23	0	0	5.23			PCI/L		D		septic tank	G	19831	37260	RAD
Protactinium-234M	18-1275	AAB4696	0	45.1	ft	W	<	434	0	0	434			PCI/L				septic tank	G	19831	37260	RAD
Protactinium-234M	18-1275	AAB4696	0	45.1	ft	W	<	308	0	0	308			PCI/L		D		septic tank	G	19831	37260	RAD
Radium-223	18-1275	AAB4696	0	45.1	ft	W	<	22.2	0	0	22.2			PCI/L		D		septic tank	G	19831	37260	RAD
Radium-223	18-1275	AAB4696	0	45.1	ft	W	<	27.3	0	0	27.3			PCI/L				septic tank	G	19831	37260	RAD
Radium-224	18-1275	AAB4696	0	45.1	ft	W	<	50.5	0	0	50.5			PCI/L		D		septic tank	G	19831	37260	RAD
Radium-224	18-1275	AAB4696	0	45.1	ft	W	<	48.2	0	0	48.2			PCI/L				septic tank	G	19831	37260	RAD
Radium-226	18-1275	AAB4696	0	45.1	ft	W	<	52.1	0	0	52.1		20	PCI/L		D		septic tank	G	19831	37260	RAD
Radium-226	18-1275	AAB4696	0	45.1	ft	W	<	59.2	0	0	59.2		20	PCI/L				septic tank	G	19831	37260	RAD
Radon-219	18-1275	AAB4696	0	45.1	ft	W	<	22.7	0	0	22.7			PCI/L		D		septic tank	G	19831	37260	RAD
Radon-219	18-1275	AAB4696	0	45.1	ft	W	<	33.6	0	0	33.6			PCI/L				septic tank	G	19831	37260	RAD
Ruthenium-106	18-1275	AAB4690	3.5	5	ft	SS	-	0.234	0.1725	0.5175	-0.2835		13	PCI/G				septic tank	G	19527	33035	RAD
Ruthenium-106	18-1275	AAB4692	7	10	ft	SS		0.143	0.104	0.312	-0.169		13	PCI/G	FD			septic tank	G	19527	33035	RAD
Ruthenium-106	18-1275	AAB4692	7	10	ft	SS		0.143	0.104	0.312	-0.169		13	PCI/G	FD	D		septic tank	G	19527	33035	RAD
Ruthenium-106	18-1275	AAB4693	7	10	ft	SS		0.08	0.185	0.555	-0.475		13	PCI/G	FD			septic tank	G	19527	33035	RAD
Ruthenium-106	18-1275	AAB4695	10	15	ft	SS	-	0.06	0.114	0.342	-0.282		13	PCI/G				septic tank	G	19527	33035	RAD
Ruthenium-106	18-1275	AAB4695	20	21	ft	SS	-	0.06	0.114	0.342	-0.282		13	PCI/G				septic tank	G	19527	33035	RAD
Ruthenium-106	18-1275	AAB4695	15	20	ft	SS	-	0.06	0.114	0.342	-0.282		13	PCI/G				septic tank	G	19527	33035	RAD
Ruthenium-106	18-1275	AAB4696	0	45.1	ft	W	<	22.3	0	0	22.3		210	PCI/L				septic tank	G	19831	37260	RAD
Ruthenium-106	18-1275	AAB4696	0	45.1	ft	W	<	18.5	0	0	18.5		210	PCI/L		D		septic tank	G	19831	37260	RAD
Sodium-22	18-1275	AAB4690	3.5	5	ft	SS	-	0.017	0.021	0.063	-0.046		1.3	PCI/G				septic tank	G	19527	33035	RAD
Sodium-22	18-1275	AAB4692	7	10	ft	SS		0.0083	0.0113	0.0339	-0.0256		1.3	PCI/G	FD	D		septic tank	G	19527	33035	RAD
Sodium-22	18-1275	AAB4692	7	10	ft	SS		0.008	0.0115	0.0345	-0.0265		1.3	PCI/G	FD			septic tank	G	19527	33035	RAD
Sodium-22	18-1275	AAB4693	7	10	ft	SS		0.004	0.0235	0.0705	-0.0665		1.3	PCI/G	FD			septic tank	G	19527	33035	RAD
Sodium-22	18-1275	AAB4695	10	15	ft	SS		0.006	0.0155	0.0465	-0.0405		1.3	PCI/G				septic tank	G	19527	33035	RAD
Sodium-22	18-1275	AAB4695	20	21	ft	SS		0.006	0.0155	0.0465	-0.0405		1.3	PCI/G				septic tank	G	19527	33035	RAD
Sodium-22	18-1275	AAB4695	15	20	ft	SS		0.006	0.0155	0.0465	-0.0405		1.3	PCI/G				septic tank	G	19527	33035	RAD
Sodium-22	18-1275	AAB4696	0	45.1	ft	W	<	1.56	0	0	1.56		500	PCI/L				septic tank	G	19831	37260	RAD
Sodium-22	18-1275	AAB4696	0	45.1	ft	W	<	1.43	0	0	1.43		500	PCI/L		D		septic tank	G	19831	37260	RAD

SAMPLING DATA FOR PRS 18-003(g)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thallium-208	18-1275	AAB4696	0	45.1	ft	W	<	2.54	0	0	2.54			PCI/L				septic tank	G	19831	37260	RAD
Thallium-208	18-1275	AAB4696	0	45.1	ft	W	<	3.55	0	0	3.55			PCI/L		D		septic tank	G	19831	37260	RAD
Thorium-227	18-1275	AAB4696	0	45.1	ft	W	<	19.5	0	0	19.5			PCI/L		D		septic tank	G	19831	37260	RAD
Thorium-227	18-1275	AAB4696	0	45.1	ft	W	<	23.5	0	0	23.5			PCI/L				septic tank	G	19831	37260	RAD
Thorium-234	18-1275	AAB4696	0	45.1	ft	W	<	90.3	0	0	90.3			PCI/L		D		septic tank	G	19831	37260	RAD
Thorium-234	18-1275	AAB4696	0	45.1	ft	W	<	110	0	0	110			PCI/L				septic tank	G	19831	37260	RAD
Uranium	18-1045	AAA5828				W		0.234	0.023	0.069	0.165			UG/L					KPA	15899	22258	RAD
Uranium	18-1045	AAA5829				W		0.266	0.027	0.081	0.185			UG/L	FD				KPA	15899	22258	RAD
Uranium	18-1045	AAA5838				W		0	0.018	0.054	-0.054			UG/L	FR				KPA	15899	22258	RAD
Uranium	18-1275	AAB4690	3.5	5	ft	SS		2.73	0.185	0.555	2.175	5.45		MG/KG				septic tank	KPA	19527	33034	RAD
Uranium	18-1275	AAB4690	3.5	5	ft	SS		2.81	0.19	0.57	2.24	5.45		MG/KG		D		septic tank	KPA	19527	33034	RAD
Uranium	18-1275	AAB4692	7	10	ft	SS		2.01	0.135	0.405	1.605	5.45		MG/KG	FD			septic tank	KPA	19527	33034	RAD
Uranium	18-1275	AAB4693	7	10	ft	SS		2.4	0.16	0.48	1.92	5.45		MG/KG	FD			septic tank	KPA	19527	33034	RAD
Uranium	18-1275	AAB4695	10	15	ft	SS		1.9	0.13	0.39	1.51	5.45		MG/KG				septic tank	KPA	19527	33034	RAD
Uranium	18-1275	AAB4695	20	21	ft	SS		1.9	0.13	0.39	1.51	5.45		MG/KG				septic tank	KPA	19527	33034	RAD
Uranium	18-1275	AAB4695	15	20	ft	SS		1.9	0.13	0.39	1.51	5.45		MG/KG				septic tank	KPA	19527	33034	RAD
Uranium	18-1275	AAB4696	0	45.1	ft	W	<	0.111	0	0	0.111			UG/L				septic tank	ICPMS	19831	37291	RAD
Uranium-235	18-1275	AAB4696	0	45.1	ft	W	<	11.9	0	0	11.9			PCI/L		D		septic tank	G	19831	37260	RAD
Uranium-235	18-1275	AAB4696	0	45.1	ft	W	<	12.4	0	0	12.4			PCI/L				septic tank	G	19831	37260	RAD

SAMPLING DATA FOR PRS 18-003(g/h)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	18-1046	AAA5843				W		0.004	0.03	0.09	-0.086		15	PCI/L	EB				RAS	15899	24150	RAD
Plutonium-239	18-1046	AAA5843				W		0.003	0.02	0.06	-0.057		15	PCI/L	EB				RAS	15899	24150	RAD
Uranium	18-1046	AAA5843				W		0	0.018	0.054	-0.054			UG/L	EB				KPA	15899	22258	RAD

SAMPLING DATA FOR PRS 18-003(h)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	18-1046	AAA5832				W		0.021	0.03	0.09	-0.069		15	PCI/L					RAS	15899	24150	RAD
Plutonium-238	18-1046	AAA5833				W		0.006	0.03	0.09	-0.084		15	PCI/L	FD				RAS	15899	24150	RAD
Plutonium-238	27-1285	AAB4700	3	4	ft	SS		0.002	0.0005	0.0015	0.0005	0.014	27	PCI/G		D		septic tank	RAS	19525	33410	RAD
Plutonium-238	27-1285	AAB4700	3	4	ft	SS	-	0.009	0.002	0.006	0.003	0.014	27	PCI/G				septic tank	RAS	19525	33410	RAD
Plutonium-238	27-1285	AAB4703	8	10	ft	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G				septic tank	RAS	19525	33410	RAD
Plutonium-239	18-1046	AAA5832				W		-0.005	0.02	0.06	-0.065		15	PCI/L					RAS	15899	24150	RAD
Plutonium-239	18-1046	AAA5833				W		0.003	0.02	0.06	-0.057		15	PCI/L	FD				RAS	15899	24150	RAD
Plutonium-239	27-1285	AAB4700	3	4	ft	SS		0.014	0.004	0.012	0.002	0.052	24	PCI/G		D		septic tank	RAS	19525	33410	RAD
Plutonium-239	27-1285	AAB4700	3	4	ft	SS		0.002	0.0015	0.0045	-0.0025	0.052	24	PCI/G				septic tank	RAS	19525	33410	RAD
Plutonium-239	27-1285	AAB4703	8	10	ft	SS		0.009	0.0025	0.0075	0.0015	0.052	24	PCI/G				septic tank	RAS	19525	33410	RAD
Uranium	18-1046	AAA5832				W		0.217	0.02	0.06	0.157			UG/L					KPA	15899	22258	RAD
Uranium	18-1046	AAA5833				W		0.229	0.023	0.069	0.16			UG/L	FD				KPA	15899	22258	RAD
Uranium	27-1285	AAB4700	3	4	ft	SS		1.14	0.075	0.225	0.915	5.45		MG/KG				septic tank	KPA	19525	33408	RAD
Uranium	27-1285	AAB4703	8	10	ft	SS		2.2	0.15	0.45	1.75	5.45		MG/KG				septic tank	KPA	19525	33408	RAD

SAMPLING DATA FOR PRS 18-004(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1290	AAB4708				FS												capped pipe	KPA	19971	36551	RAD

SAMPLING DATA FOR PRS 18-005(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-228	18-1670	AAB5297	0	12	in	SS		1	0.035	0.105	0.895		1.7	PCI/G			J	Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-228	18-1671	AAB5298	0	12	in	SS		1.2	0.04	0.12	1.08		1.7	PCI/G				Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-228	18-1672	AAB5299	0	12	in	SS		1.2	0.045	0.135	1.065		1.7	PCI/G				Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-228	18-1673	AAB5300	0	12	in	SS		1.4	0.045	0.135	1.265		1.7	PCI/G				Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-228	18-1674	AAB5301	0	12	in	SS		1.1	0.035	0.105	0.995		1.7	PCI/G				Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-228	18-1674	AAB5301	0	12	in	SS		1.1	0.035	0.105	0.995		1.7	PCI/G		D		Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-230	18-1670	AAB5297	0	12	in	SS		0.8	0.03	0.09	0.71		0.18	PCI/G			J	Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-230	18-1671	AAB5298	0	12	in	SS		1	0.035	0.105	0.895		0.18	PCI/G			J	Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-230	18-1672	AAB5299	0	12	in	SS		1.6	0.05	0.15	1.45		0.18	PCI/G			J	Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-230	18-1673	AAB5300	0	12	in	SS		1.1	0.035	0.105	0.995		0.18	PCI/G			J	Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-230	18-1674	AAB5301	0	12	in	SS		0.5	0.02	0.06	0.44		0.18	PCI/G		D	J	Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-230	18-1674	AAB5301	0	12	in	SS		1.1	0.035	0.105	0.995		0.18	PCI/G			J	Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-232	18-1670	AAB5297	0	12	in	SS		1.1	0.045	0.135	0.965	2.47	0.77	PCI/G			J	Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-232	18-1671	AAB5298	0	12	in	SS		1.2	0.04	0.12	1.08	2.47	0.77	PCI/G				Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-232	18-1672	AAB5299	0	12	in	SS		1.1	0.04	0.12	0.98	2.47	0.77	PCI/G				Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-232	18-1673	AAB5300	0	12	in	SS		1.5	0.045	0.135	1.365	2.47	0.77	PCI/G				Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-232	18-1674	AAB5301	0	12	in	SS		0.9	0.03	0.09	0.81	2.47	0.77	PCI/G				Perimeter of magazine site pad	RAS	19607	37255	RAD
Thorium-232	18-1674	AAB5301	0	12	in	SS		1	0.035	0.105	0.895	2.47	0.77	PCI/G		D		Perimeter of magazine site pad	RAS	19607	37255	RAD
Uranium	18-1670	AAB5297	0	12	in	SS		0.337	0.0674	0.2022	0.1348	5.45		MG/KG			J	Perimeter of magazine site pad	ICPMS	19607	37293	RAD
Uranium	18-1671	AAB5298	0	12	in	SS		0.348	0.0696	0.2088	0.1392	5.45		MG/KG			J	Perimeter of magazine site pad	ICPMS	19607	37293	RAD
Uranium	18-1672	AAB5299	0	12	in	SS		0.404	0.0808	0.2424	0.1616	5.45		MG/KG			J	Perimeter of magazine site pad	ICPMS	19607	37293	RAD
Uranium	18-1673	AAB5300	0	12	in	SS		0.321	0.0642	0.1926	0.1284	5.45		MG/KG			J	Perimeter of magazine site pad	ICPMS	19607	37293	RAD
Uranium	18-1674	AAB5301	0	12	in	SS		0.362	0.0724	0.2172	0.1448	5.45		MG/KG			J	Perimeter of magazine site pad	ICPMS	19607	37293	RAD
Uranium	18-1674	AAB5301	0	12	in	SS		0.346	0.0692	0.2076	0.1384	5.45		MG/KG		D	J	Perimeter of magazine site pad	ICPMS	19607	37293	RAD

SAMPLING DATA FPR PRS 18-010

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	NA	AAB5295				W		-0.0254	0.0307	0.0921	-0.1175		15	PCI/L	EB			18-010 PRSs	RAS	20286	34831	RAD
Plutonium-239	NA	AAB5295				W		-0.0085	0.0255	0.0765	-0.085		15	PCI/L	EB			18-010 PRSs	RAS	20286	34831	RAD
Uranium	NA	AAB5295				W		0.107	0.0079	0.0237	0.0833			UG/L	EB			18-010 PRSs	KPA	20286	34829	RAD
Uranium	NA	AAB5296				SS		1.63	0.085	0.255	1.375	5.45		MG/KG	FE			Aggregate A locations	KPA	20286	34829	RAD

SAMPLING DATA FOR PRS 18-010(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1297	AAB4712	0	6	in	SS		2.58	0.134	0.402	2.178	5.45		MG/KG			J	outfall	KPA	19603	36339	RAD
Uranium	18-1298	AAB4713	0	6	in	SS		20.4	1.85	5.55	14.85	5.45		MG/KG			J	outfall	KPA	19603	36339	RAD
Uranium	18-1714	AAB5205	0	6	in	SS	<	8	0	0	8	5.45		MG/KG				Kiva 3 Area, Pajarito Canyon	XRF	18541	27832	RAD
Uranium	18-1715	AAB5206	0	6	in	SS	<	8	0	0	8	5.45		MG/KG				Kiva 3 Area, Pajarito Canyon	XRF	18541	27832	RAD
Uranium	18-1716	AAB5207	0	6	in	SS	<	8	0	0	8	5.45		MG/KG				Kiva 3 Area, Pajarito Canyon	XRF	18541	27832	RAD
Uranium	18-1717	AAB5208	0	6	in	SS	<	8	0	0	8	5.45		MG/KG				Kiva 3 Area, Pajarito Canyon	XRF	18541	27832	RAD
Uranium	18-1718	AAB5209	0	6	in	SS	<	8	0	0	8	5.45		MG/KG				Kiva 3 Area, Pajarito Canyon	XRF	18541	27832	RAD
Uranium	18-1719	AAB5210	0	6	in	SS	<	8	0	0	8	5.45		MG/KG				Kiva 3 Area, Pajarito Canyon	XRF	18541	27832	RAD
Uranium	18-1720	AAB5211	0	6	in	SS	<	8	0	0	8	5.45		MG/KG				Kiva 3 Area, Pajarito Canyon	XRF	18541	27832	RAD
Uranium	18-1746	AAB5217	0	6	in	SS		2.49	0.129	0.387	2.103	5.45		MG/KG		D	J	AAB5311 ditch sample	KPA	20151	34202	RAD
Uranium	18-1746	AAB5217	0	6	in	SS		1.43	0.0745	0.2235	1.2065	5.45		MG/KG			J	AAB5311 ditch sample	KPA	20151	34202	RAD
Uranium	18-1746	AAB5218	0	6	in	SS		4.68	0.2415	0.7245	3.9555	5.45		MG/KG	FD		J	AAB5311 ditch sample	KPA	20151	34202	RAD
Uranium	18-1747	AAB5219	0	6	in	SS		9.96	0.725	2.175	7.785	5.45		MG/KG			J	AAB5312 ditch sample	KPA	20151	34202	RAD
Uranium	18-1749	AAB5220	0	6	in	SS		3.11	0.1605	0.4815	2.6285	5.45		MG/KG			J	AAB5314 ditch sample	KPA	20151	34202	RAD
Uranium	18-1750	AAB5221	0	6	in	SS		5.8	0.2995	0.8985	4.9015	5.45		MG/KG			J	AAB5315 ditch sample	KPA	20151	34202	RAD
Uranium	18-1754	AAB5222	0	6	in	SS		7.54	0.393	1.179	6.361	5.45		MG/KG			J	AAB5319 ditch sample	KPA	20151	34202	RAD

SAMPLING DATA FOR PRS 18-010(c)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1724	AAB5227	0	12	in	SS		0.425	0.085	0.255	0.17	5.45		MG/KG		D	J	18-010(c) surface flow outfall, Kiva 3	ICPMS	19824	36654	RAD
Uranium	18-1724	AAB5227	0	12	in	SS		0.421	0.0842	0.2526	0.1684	5.45		MG/KG			J	18-010(c) surface flow outfall, Kiva 3	ICPMS	19824	36654	RAD
Uranium	18-1727	AAB5228	0	12	in	SS		1.28	0.256	0.768	0.512	5.45		MG/KG			J	18-010(c) surface flow outfall, Kiva 3	ICPMS	19824	36654	RAD

SAMPLING DATA FOR PRS 18-010(d)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-228	18-1728	AAB5233	0	6	in	SS		0.1058	0.0163	0.0489	0.0569		1.7	PCI/G		D		18-1728, AAB5229	RAS	20286	34833	RAD
Thorium-228	18-1728	AAB5233	0	6	in	SS		0.1365	0.0195	0.0585	0.078		1.7	PCI/G				18-1728, AAB5229	RAS	20286	34833	RAD
Thorium-228	18-1730	AAB5234	0	6	in	SS		0.1084	0.0161	0.0483	0.0601		1.7	PCI/G				18-1730, AAB5231	RAS	20286	34833	RAD
Thorium-230	18-1728	AAB5233	0	6	in	SS		0.2308	0.0282	0.0846	0.1462		0.18	PCI/G				18-1728, AAB5229	RAS	20286	34833	RAD
Thorium-230	18-1728	AAB5233	0	6	in	SS		0.2514	0.0294	0.0882	0.1632		0.18	PCI/G		D		18-1728, AAB5229	RAS	20286	34833	RAD
Thorium-230	18-1730	AAB5234	0	6	in	SS		0.1395	0.0191	0.0573	0.0822		0.18	PCI/G				18-1730, AAB5231	RAS	20286	34833	RAD
Thorium-232	18-1728	AAB5233	0	6	in	SS		0.1396	0.0194	0.0582	0.0814	2.47	0.77	PCI/G		D		18-1728, AAB5229	RAS	20286	34833	RAD
Thorium-232	18-1728	AAB5233	0	6	in	SS		0.147	0.0204	0.0612	0.0858	2.47	0.77	PCI/G				18-1728, AAB5229	RAS	20286	34833	RAD
Thorium-232	18-1730	AAB5234	0	6	in	SS		0.1006	0.0153	0.0459	0.0547	2.47	0.77	PCI/G				18-1730, AAB5231	RAS	20286	34833	RAD
Uranium	18-1728	AAB5233	0	6	in	SS		1.35	0.072	0.216	1.134	5.45		MG/KG			J	18-1728, AAB5229	KPA	20286	34829	RAD
Uranium	18-1730	AAB5234	0	6	in	SS		1.2	0.063	0.189	1.011	5.45		MG/KG				18-1730, AAB5231	KPA	20286	34829	RAD

SAMPLING DATA FOR PRS 18-010(e)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1732	AAB5249	0	12	in	SS		0.541	0.1082	0.3246	0.2164	5.45		MG/KG			J	18-010(e) storm sewer outfall, Kiva 3	ICPMS	19825	36655	RAD
Uranium	18-1733	AAB5250	0	12	in	SS		0.321	0.0642	0.1926	0.1284	5.45		MG/KG			J	18-010(e) storm sewer outfall, Kiva 3	ICPMS	19825	36655	RAD
Uranium	18-1734	AAB5251	0	12	in	SS		0.672	0.1344	0.4032	0.2688	5.45		MG/KG			J	18-010(e) storm sewer outfall, Kiva 3	ICPMS	19825	36655	RAD
Uranium	18-1735	AAB5252	0	12	in	SS		0.781	0.1562	0.4686	0.3124	5.45		MG/KG			J	18-010(e) storm sewer outfall, Kiva 3	ICPMS	19825	36655	RAD
Uranium	18-1736	AAB5253	0	12	in	SS		1.4	0.28	0.84	0.56	5.45		MG/KG			J	18-010(e) storm sewer outfall, Kiva 3	ICPMS	19825	36655	RAD
Uranium	18-1739	AAB5254	0	12	in	SS		1.6	0.32	0.96	0.64	5.45		MG/KG			J	18-010(e) storm sewer outfall, Kiva 3	ICPMS	19825	36655	RAD
Uranium	18-1742	AAB5255	0	12	in	SS		0.157	0.0314	0.0942	0.0628	5.45		MG/KG			J	18-010(e) storm sewer outfall, Kiva 3	ICPMS	19825	36655	RAD

SAMPLING DATA FOR PRS 18-010(f)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1762	AAB5262	0	12	in	SS		3.23	0.22	0.66	2.57	5.45		MG/KG			J	Storm sewer outfall - AAB5260	KPA	20470	35411	RAD
Uranium	18-1763	AAB5263	0	12	in	SS		3.43	0.23	0.69	2.74	5.45		MG/KG			J	Storm sewer outfall - AAB5261	KPA	20470	35411	RAD

SAMPLING DATA FOR PRS 18-012(a)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1662	AAB5286	0	12	in	SS		0.589	0.1178	0.3534	0.2356	5.45		MG/KG			J	18-012 (a) storm sewer outfall, Kiva 3	ICPMS	19824	36654	RAD
Uranium	18-1664	AAB5287	0	12	in	SS		1.12	0.224	0.672	0.448	5.45		MG/KG			J	18-012 (a) storm sewer outfall, Kiva 3	ICPMS	19824	36654	RAD

SAMPLING DATA FOR PRS 18-1012(b)

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	18-1666	AAB5292	0	12	In	SS		1.2	0.24	0.72	0.48	5.45		MG/KG			J	18-012(b) storm sewer outfall, Kiva 3	ICPMS	19824	36654	RAD
Uranium	18-1667	AAB5293	0	12	In	SS		0.455	0.091	0.273	0.182	5.45		MG/KG			J	18-012(b) storm sewer outfall, Kiva 3	ICPMS	19824	36654	RAD
Uranium	18-1667	AAB5294	0	12	In	SS		0.557	0.1114	0.3342	0.2228	5.45		MG/KG	FD		J	18-012(b) storm sewer outfall, Kiva 3	ICPMS	19824	36654	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	18-1680	AAB5307	4.2	4.8	ft	SS		0	0	0	0	0.014	27	PCI/G		D	J	Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-238	18-1680	AAB5307	4.2	4.8	ft	SS		0.01	0	0	0.01	0.014	27	PCI/G		D	J	Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-238	18-1680	AAB5307	4.2	4.8	ft	SS		0.01	0	0	0.01	0.014	27	PCI/G			J	Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-238	18-1681	AAB5308	4.2	4.8	ft	SS		0.02	0	0	0.02	0.014	27	PCI/G			J	Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-238	18-1682	AAB5309	4.2	4.8	ft	SS		0.01	0	0	0.01	0.014	27	PCI/G			J	Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-238	18-1683	AAB5310	6.3	6.8	ft	SS		0	0	0	0	0.014	27	PCI/G			J	Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-238	18-1770	AAB5321	0	0	in	SS		0.01	0	0	0.01	0.014	27	PCI/G			J	Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-239	18-1680	AAB5307	4.2	4.8	ft	SS		0.01	0	0	0.01	0.052	24	PCI/G		D		Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-239	18-1680	AAB5307	4.2	4.8	ft	SS		0.01	0	0	0.01	0.052	24	PCI/G		D		Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-239	18-1680	AAB5307	4.2	4.8	ft	SS		0.01	0	0	0.01	0.052	24	PCI/G				Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-239	18-1681	AAB5308	4.2	4.8	ft	SS		0.04	0.005	0.015	0.025	0.052	24	PCI/G				Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-239	18-1682	AAB5309	4.2	4.8	ft	SS		0.04	0	0	0.04	0.052	24	PCI/G				Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-239	18-1683	AAB5310	6.3	6.8	ft	SS		0.04	0.005	0.015	0.025	0.052	24	PCI/G				Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Plutonium-239	18-1770	AAB5321	0	0	in	SS		0.07	0.005	0.015	0.055	0.052	24	PCI/G			J	Waste tank directly north of Kiva 1	RAS	19832	37192	RAD
Uranium	18-1680	AAB5307	4.2	4.8	ft	SS		0.729	0.1458	0.4374	0.2916	5.45		MG/KG			J	Waste tank directly north of Kiva 1	ICPMS	19832	37180	RAD
Uranium	18-1681	AAB5308	4.2	4.8	ft	SS		0.799	0.1598	0.4794	0.3196	5.45		MG/KG			J	Waste tank directly north of Kiva 1	ICPMS	19832	37180	RAD
Uranium	18-1681	AAB5308	4.2	4.8	ft	SS		0.552	0.1104	0.3312	0.2208	5.45		MG/KG		D	J	Waste tank directly north of Kiva 1	ICPMS	19832	37180	RAD
Uranium	18-1682	AAB5309	4.2	4.8	ft	SS		1.72	0.344	1.032	0.688	5.45		MG/KG			J	Waste tank directly north of Kiva 1	ICPMS	19832	37180	RAD
Uranium	18-1683	AAB5310	6.3	6.8	ft	SS		0.846	0.1692	0.5076	0.3384	5.45		MG/KG			J	Waste tank directly north of Kiva 1	ICPMS	19832	37180	RAD
Uranium	18-1770	AAB5321	0	0	in	SS		1.59	0.318	0.954	0.636	5.45		MG/KG			J	Waste tank directly north of Kiva 1	ICPMS	19832	37180	RAD

SAMPLING DATA FOR PRS 27-002

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Plutonium-238	27-1541	AAB5099	0	12	in	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				Locale 1540, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1543	AAB5099	0	12	in	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				Locale 1540, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1546	AAB5099	0	12	in	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				Locale 1540, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1547	AAB5099	0	12	in	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				Locale 1540, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1551	AAB5108	0	12	in	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G				Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1553	AAB5108	0	12	in	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G				Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1554	AAB5109	0	12	in	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1554	AAB5109	0	12	in	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G		D		Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1556	AAB5109	0	12	in	SS		0	0.005	0.015	-0.015	0.014	27	PCI/G		D		Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-238	27-1556	AAB5109	0	12	in	SS		0.01	0.005	0.015	-0.005	0.014	27	PCI/G				Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1541	AAB5099	0	12	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				Locale 1540, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1543	AAB5099	0	12	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				Locale 1540, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1546	AAB5099	0	12	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				Locale 1540, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1547	AAB5099	0	12	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				Locale 1540, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1551	AAB5108	0	12	in	SS		0.01	0.005	0.015	-0.005	0.052	24	PCI/G				Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1553	AAB5108	0	12	in	SS		0.01	0.005	0.015	-0.005	0.052	24	PCI/G				Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1554	AAB5109	0	12	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G		D		Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1554	AAB5109	0	12	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1556	AAB5109	0	12	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G				Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Plutonium-239	27-1556	AAB5109	0	12	in	SS		0	0.005	0.015	-0.015	0.052	24	PCI/G		D		Locale 1550, Pajarito Canyon	RAS	19948	35705	RAD
Thorium-228	27-1007	AAB2461	0	12	in	SS		1.381	0.102	0.306	1.075		1.7	PCI/G				firing pit 1-C	RAS	19481	32002	RAD
Thorium-228	27-1007	AAB2461	0	12	in	SS		1.545	0.1045	0.3135	1.2315		1.7	PCI/G		D		firing pit 1-C	RAS	19481	32002	RAD
Thorium-228	27-1008	AAB2468	0	12	in	SS		1.23	0.085	0.255	0.975		1.7	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-228	27-1008	AAB2470	38	42	in	SS		1.23	0.095	0.285	0.945		1.7	PCI/G		D		firing pit 1-N	RAS	19978	36500	RAD
Thorium-228	27-1008	AAB2470	38	42	in	SS		1.52	0.115	0.345	1.175		1.7	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-228	27-1008	AAB2472	48	60	in	SS		1.32	0.095	0.285	1.035		1.7	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-228	27-1009	AAB2474	0	12	in	SS		1.56	0.14	0.42	1.14		1.7	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-228	27-1009	AAB2476	38	42	in	SS		1.28	0.11	0.33	0.95		1.7	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-228	27-1009	AAB2478	48	60	in	SS		1.33	0.095	0.285	1.045		1.7	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-228	27-1010	AAB2480	0	12	in	SS		1.309	0.1015	0.3045	1.0045		1.7	PCI/G		D		firing pit 1-S	RAS	19494	30660	RAD
Thorium-228	27-1010	AAB2480	0	12	in	SS		1.462	0.136	0.408	1.054		1.7	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-228	27-1010	AAB2482	24	35	in	SS		1.291	0.1205	0.3615	0.9295		1.7	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-228	27-1010	AAB2484	48	60	in	SS		1.547	0.137	0.411	1.136		1.7	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-228	27-1011	AAB2486	0	12	in	SS		1.331	0.1205	0.3615	0.9695		1.7	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-228	27-1011	AAB2488	25	35	in	SS		1.563	0.126	0.378	1.185		1.7	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-228	27-1011	AAB2490	48	54	in	SS		1.57	0.1245	0.3735	1.1965		1.7	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-228	27-1015	AAB2492	0	16	in	SS		1.097	0.0875	0.2625	0.8345		1.7	PCI/G				firing pit 2-S	RAS	19480	38646	RAD
Thorium-228	27-1015	AAB2492	0	16	in	SS		1.101	0.089	0.267	0.834		1.7	PCI/G			J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-228	27-1015	AAB2492	0	16	in	SS		1.171	0.0925	0.2775	0.8935		1.7	PCI/G		D	J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-228	27-1015	AAB2494	25	36	in	SS		1.119	0.0895	0.2685	0.8505		1.7	PCI/G			J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-228	27-1015	AAB2494	25	36	in	SS		1.23	0.0955	0.2865	0.9435		1.7	PCI/G				firing pit 2-S	RAS	19480	38646	RAD
Thorium-228	27-1015	AAB2496	50	60	in	SS		0.734	0.0565	0.1695	0.5645		1.7	PCI/G	FD		J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-228	27-1015	AAB2497	50	60	in	SS		0.894	0.0755	0.2265	0.6675		1.7	PCI/G	FD			firing pit 2-S	RAS	19480	38646	RAD
Thorium-228	27-1015	AAB2497	50	60	in	SS		1.128	0.086	0.258	0.87		1.7	PCI/G	FD		J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-228	27-1016	AAB2499	0	12	in	SS		1.063	0.0865	0.2595	0.8035		1.7	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-228	27-1016	AAB2499	0	12	in	SS		1.025	0.0885	0.2655	0.7595		1.7	PCI/G		D		firing pit 2-C	RAS	19480	38646	RAD
Thorium-228	27-1016	AAB2499	0	12	in	SS		1.946	0.2205	0.6615	1.2845		1.7	PCI/G			R	firing pit 2-C	RAS	19480	31370	RAD
Thorium-228	27-1016	AAB2501	25	36	in	SS		0.968	0.0785	0.2355	0.7325		1.7	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-228	27-1016	AAB2501	25	36	in	SS		1.041	0.08	0.24	0.801		1.7	PCI/G		D		firing pit 2-C	RAS	19480	38646	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-228	27-1016	AAB2501	25	36	in	SS		0.984	0.0825	0.2475	0.7365		1.7	PCI/G			J	firing pit 2-C	RAS	19480	31370	RAD
Thorium-228	27-1016	AAB2503	50	60	in	SS		0.946	0.0765	0.2295	0.7165		1.7	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-228	27-1016	AAB2503	50	60	in	SS		1.122	0.106	0.318	0.804		1.7	PCI/G			J	firing pit 2-C	RAS	19480	31370	RAD
Thorium-228	27-1017	AAB2506	0	12	in	SS		0.0824	0.0169	0.0507	0.0317		1.7	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-228	27-1017	AAB2506	0	12	in	SS		0.2334	0.0292	0.0876	0.1458		1.7	PCI/G		D	J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-228	27-1017	AAB2508	25	38	in	SS		0.3059	0.0379	0.1137	0.1922		1.7	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-228	27-1017	AAB2510	48	60	in	SS		0.2054	0.0272	0.0816	0.1238		1.7	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-228	27-1018	AAB2512	25	35	in	SS		0.075	0.0165	0.0495	0.0255		1.7	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-228	27-1018	AAB2514	48	60	in	SS		0.1038	0.0159	0.0477	0.0561		1.7	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-228	27-1018	AAB2516	0	12	in	SS		0.1297	0.0212	0.0636	0.0661		1.7	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-228	27-1019	AAB2518	0	12	in	SS		0.0526	0.0116	0.0348	0.0178		1.7	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD
Thorium-228	27-1019	AAB2520	25	35	in	SS		0.0378	0.0081	0.0243	0.0135		1.7	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD
Thorium-228	27-1019	AAB2522	48	54	in	SS		0.1931	0.0265	0.0795	0.1136		1.7	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD
Thorium-228	27-1029	AAB2524	0	12	in	SS		1.101	0.087	0.261	0.84		1.7	PCI/G				firing pit 3-C	RAS	19494	30660	RAD
Thorium-228	27-1029	AAB2526	30	42	in	SS		0.973	0.0865	0.2595	0.7135		1.7	PCI/G				firing pit 3-C	RAS	19494	30660	RAD
Thorium-228	27-1029	AAB2528	48	60	in	SS		1.622	0.117	0.351	1.271		1.7	PCI/G	FD	D		firing pit 3-C	RAS	19494	30660	RAD
Thorium-228	27-1029	AAB2528	48	60	in	SS		1.75	0.1265	0.3795	1.3705		1.7	PCI/G	FD			firing pit 3-C	RAS	19494	30660	RAD
Thorium-228	27-1029	AAB2529	48	60	in	SS		1.372	0.1015	0.3045	1.0675		1.7	PCI/G	FD			firing pit 3-C	RAS	19494	30660	RAD
Thorium-228	27-1030	AAB2531	0	12	in	SS		0.3057	0.0318	0.0954	0.2103		1.7	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-228	27-1030	AAB4353	30	42	in	SS		0.1853	0.0214	0.0642	0.1211		1.7	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-228	27-1030	AAB4355	48	60	in	SS		0.06	0.011	0.033	0.027		1.7	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-228	27-1031	AAB4357	0	12	in	SS		0.2382	0.0274	0.0822	0.156		1.7	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-228	27-1031	AAB4359	30	42	in	SS		0.089	0.0131	0.0393	0.0497		1.7	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-228	27-1031	AAB4361	48	60	in	SS		0.1053	0.0157	0.0471	0.0582		1.7	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-228	27-1032	AAB4363	0	12	in	SS		1.086	0.078	0.234	0.852		1.7	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-228	27-1032	AAB4365	30	42	in	SS		1.241	0.0905	0.2715	0.9695		1.7	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-228	27-1032	AAB4367	48	60	in	SS		1.36	0.1	0.3	1.06		1.7	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-228	27-1033	AAB4370	0	12	in	SS		1.243	0.097	0.291	0.952		1.7	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-228	27-1033	AAB4372	30	42	in	SS		1.086	0.081	0.243	0.843		1.7	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-228	27-1033	AAB4374	42	54	in	SS		1.227	0.0925	0.2775	0.9495		1.7	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-228	27-1043	AAB4376	0	12	in	SS		0.718	0.0595	0.1785	0.5395		1.7	PCI/G				firing pit 4-NE	RAS	19481	32002	RAD
Thorium-228	27-1043	AAB4378	24	36	in	SS		1.135	0.081	0.243	0.892		1.7	PCI/G				firing pit 4-NE	RAS	19481	32002	RAD
Thorium-228	27-1043	AAB4380	48	66	in	SS		1.032	0.08	0.24	0.792		1.7	PCI/G	FD			firing pit 4-NE	RAS	19481	32002	RAD
Thorium-228	27-1043	AAB4381	48	66	in	SS		1.097	0.0775	0.2325	0.8645		1.7	PCI/G	FD	D		firing pit 4-NE	RAS	19481	32002	RAD
Thorium-228	27-1043	AAB4381	48	66	in	SS		1.209	0.09	0.27	0.939		1.7	PCI/G	FD			firing pit 4-NE	RAS	19481	32002	RAD
Thorium-228	27-1044	AAB4383	12	24	in	SS		1.097	0.0845	0.2535	0.8435		1.7	PCI/G				firing pit 4-NW	RAS	19481	32002	RAD
Thorium-228	27-1044	AAB4385	30	42	in	SS		0.86	0.0695	0.2085	0.6515		1.7	PCI/G				firing pit 4-NW	RAS	19481	32002	RAD
Thorium-228	27-1044	AAB4387	48	60	in	SS		0.948	0.0755	0.2265	0.7215		1.7	PCI/G				firing pit 4-NW	RAS	19481	32002	RAD
Thorium-228	27-1045	AAB4389	0	12	in	SS		1.07	0.085	0.255	0.815		1.7	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-228	27-1045	AAB4391	30	42	in	SS		1.42	0.11	0.33	1.09		1.7	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-228	27-1045	AAB4393	48	60	in	SS		0.95	0.07	0.21	0.74		1.7	PCI/G		D		firing pit 5-E2	RAS	19978	36500	RAD
Thorium-228	27-1045	AAB4393	48	60	in	SS		1	0.075	0.225	0.775		1.7	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-228	27-1057	AAB4407	0	12	in	SS		1.721	0.197	0.591	1.13		1.7	PCI/G			R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-228	27-1057	AAB4409	32	42	in	SS		1.455	0.158	0.474	0.981		1.7	PCI/G			R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-228	27-1057	AAB4411	48	60	in	SS		0.788	0.075	0.225	0.563		1.7	PCI/G	FD		J	firing pit 5-C	RAS	19474	31657	RAD
Thorium-228	27-1057	AAB4411	48	60	in	SS		1.221	0.123	0.369	0.852		1.7	PCI/G	FD	D	R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-228	27-1057	AAB4412	48	60	in	SS		0.982	0.0735	0.2205	0.7615		1.7	PCI/G	FD			firing pit 5-C	RAS	19474	31657	RAD
Thorium-228	27-1057	AAB4412	48	60	in	SS		1.144	0.109	0.327	0.817		1.7	PCI/G	FD	D	R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-228	27-1058	AAB4414	0	12	in	SS		1.18	0.085	0.255	0.925		1.7	PCI/G				firing pit 5-N	RAS	19978	36500	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-228	27-1058	AAB4416	30	42	in	SS		1.29	0.095	0.285	1.005		1.7	PCI/G				firing pit 5-N	RAS	19978	36500	RAD
Thorium-228	27-1058	AAB4418	48	60	in	SS		0.93	0.07	0.21	0.72		1.7	PCI/G				firing pit 5-N	RAS	19978	36500	RAD
Thorium-228	27-1059	AAB4420	0	12	in	SS		1.47	0.11	0.33	1.14		1.7	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-228	27-1059	AAB4422	30	42	in	SS		1.43	0.12	0.36	1.07		1.7	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-228	27-1059	AAB4424	46	54	in	SS		1.36	0.1	0.3	1.06		1.7	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-228	27-1060	AAB4426	0	12	in	SS		1.441	0.099	0.297	1.144		1.7	PCI/G				firing pit 5-S	RAS	19481	32002	RAD
Thorium-228	27-1060	AAB4428	24	36	in	SS		1.608	0.1235	0.3705	1.2375		1.7	PCI/G			J	firing pit 5-S	RAS	19481	32002	RAD
Thorium-228	27-1060	AAB4430	48	66	in	SS		0.971	0.0705	0.2115	0.7595		1.7	PCI/G				firing pit 5-S	RAS	19481	32002	RAD
Thorium-228	27-1061	AAB4432	0	12	in	SS		1.02	0.08	0.24	0.78		1.7	PCI/G		D		firing pit 5-W	RAS	19978	36500	RAD
Thorium-228	27-1061	AAB4432	0	12	in	SS		1.13	0.1	0.3	0.83		1.7	PCI/G				firing pit 5-W	RAS	19978	36500	RAD
Thorium-228	27-1061	AAB4434	30	42	in	SS		0.98	0.09	0.27	0.71		1.7	PCI/G				firing pit 5-W	RAS	19978	36500	RAD
Thorium-228	27-1511	AAB5070	0	12	in	SS		1	0.03	0.09	0.91		1.7	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1512	AAB5070	0	12	in	SS		1	0.03	0.09	0.91		1.7	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1514	AAB5071	0	12	in	SS		1.4	0.05	0.15	1.25		1.7	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1516	AAB5071	0	12	in	SS		1.4	0.05	0.15	1.25		1.7	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1521	AAB5080	0	12	in	SS		0.9	0.03	0.09	0.81		1.7	PCI/G				Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1523	AAB5080	0	12	in	SS		0.9	0.03	0.09	0.81		1.7	PCI/G				Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1525	AAB5080	0	12	in	SS		0.9	0.03	0.09	0.81		1.7	PCI/G				Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1527	AAB5080	0	12	in	SS		0.9	0.03	0.09	0.81		1.7	PCI/G				Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1532	AAB5089	0	12	in	SS		1.5	0.045	0.135	1.365		1.7	PCI/G				Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1532	AAB5090	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G	FD			Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1533	AAB5089	0	12	in	SS		1.5	0.045	0.135	1.365		1.7	PCI/G				Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1533	AAB5090	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G	FD			Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1535	AAB5089	0	12	in	SS		1.5	0.045	0.135	1.365		1.7	PCI/G				Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1535	AAB5090	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G	FD			Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1536	AAB5089	0	12	in	SS		1.5	0.045	0.135	1.365		1.7	PCI/G				Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1536	AAB5090	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G	FD			Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-228	27-1562	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365		1.7	PCI/G				Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1564	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365		1.7	PCI/G				Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1565	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365		1.7	PCI/G				Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1566	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365		1.7	PCI/G				Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1570	AAB5127	0	12	in	SS		1	0.035	0.105	0.895		1.7	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1572	AAB5127	0	12	in	SS		1	0.035	0.105	0.895		1.7	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1573	AAB5127	0	12	in	SS		1	0.035	0.105	0.895		1.7	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1576	AAB5127	0	12	in	SS		1	0.035	0.105	0.895		1.7	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1580	AAB5136	0	12	in	SS		1.3	0.04	0.12	1.18		1.7	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1581	AAB5136	0	12	in	SS		1.3	0.04	0.12	1.18		1.7	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1583	AAB5136	0	12	in	SS		1.3	0.04	0.12	1.18		1.7	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1584	AAB5136	0	12	in	SS		1.3	0.04	0.12	1.18		1.7	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1591	AAB5145	0	12	in	SS		0.9	0.035	0.105	0.795		1.7	PCI/G			J	Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1593	AAB5145	0	12	in	SS		0.9	0.035	0.105	0.795		1.7	PCI/G			J	Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1594	AAB5146	0	12	in	SS		1.3	0.04	0.12	1.18		1.7	PCI/G				Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1595	AAB5146	0	12	in	SS		1.3	0.04	0.12	1.18		1.7	PCI/G				Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1600	AAB5155	0	12	in	SS		1.3	0.045	0.135	1.165		1.7	PCI/G				Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1602	AAB5155	0	12	in	SS		1.3	0.045	0.135	1.165		1.7	PCI/G				Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1603	AAB5155	0	12	in	SS		1.3	0.045	0.135	1.165		1.7	PCI/G				Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1606	AAB5155	0	12	in	SS		1.3	0.045	0.135	1.165		1.7	PCI/G				Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1610	AAB5164	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G				Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1611	AAB5164	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G				Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD

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Thorium-228	27-1613	AAB5164	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G				Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1616	AAB5164	0	12	in	SS		1.8	0.05	0.15	1.65		1.7	PCI/G				Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1620	AAB5173	0	12	in	SS		1.7	0.05	0.15	1.55		1.7	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1621	AAB5173	0	12	in	SS		1.7	0.05	0.15	1.55		1.7	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1624	AAB5173	0	12	in	SS		1.7	0.05	0.15	1.55		1.7	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1626	AAB5173	0	12	in	SS		1.7	0.05	0.15	1.55		1.7	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1630	AAB5182	0	12	in	SS		1.3	0.045	0.135	1.165		1.7	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1634	AAB5182	0	12	in	SS		1.3	0.045	0.135	1.165		1.7	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1635	AAB5182	0	12	in	SS		1.3	0.045	0.135	1.165		1.7	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1637	AAB5182	0	12	in	SS		1.3	0.045	0.135	1.165		1.7	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-228	27-1640	AAB5191	0	12	in	SS		1.4	0.045	0.135	1.265		1.7	PCI/G				Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1641	AAB5191	0	12	in	SS		1.4	0.045	0.135	1.265		1.7	PCI/G				Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1642	AAB5191	0	12	in	SS		1.4	0.045	0.135	1.265		1.7	PCI/G				Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-228	27-1643	AAB5191	0	12	in	SS		1.4	0.045	0.135	1.265		1.7	PCI/G				Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1007	AAB2461	0	12	in	SS		1.149	0.0815	0.2445	0.9045		0.18	PCI/G		D		firing pit 1-C	RAS	19481	32002	RAD
Thorium-230	27-1007	AAB2461	0	12	in	SS		1.061	0.0835	0.2505	0.8105		0.18	PCI/G				firing pit 1-C	RAS	19481	32002	RAD
Thorium-230	27-1008	AAB2468	0	12	in	SS		1.06	0.075	0.225	0.835		0.18	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-230	27-1008	AAB2470	38	42	in	SS		1.12	0.09	0.27	0.85		0.18	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-230	27-1008	AAB2470	38	42	in	SS		1.11	0.09	0.27	0.84		0.18	PCI/G		D		firing pit 1-N	RAS	19978	36500	RAD
Thorium-230	27-1008	AAB2472	48	60	in	SS		0.97	0.075	0.225	0.745		0.18	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-230	27-1009	AAB2474	0	12	in	SS		0.99	0.105	0.315	0.675		0.18	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-230	27-1009	AAB2476	38	42	in	SS		1	0.09	0.27	0.73		0.18	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-230	27-1009	AAB2478	48	60	in	SS		1.21	0.09	0.27	0.94		0.18	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-230	27-1010	AAB2480	0	12	in	SS		0.986	0.082	0.246	0.74		0.18	PCI/G		D		firing pit 1-S	RAS	19494	30660	RAD
Thorium-230	27-1010	AAB2480	0	12	in	SS		0.989	0.107	0.321	0.668		0.18	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-230	27-1010	AAB2482	24	35	in	SS		0.968	0.1015	0.3045	0.6635		0.18	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-230	27-1010	AAB2484	48	60	in	SS		1.131	0.1125	0.3375	0.7935		0.18	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-230	27-1011	AAB2486	0	12	in	SS		1.032	0.104	0.312	0.72		0.18	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-230	27-1011	AAB2488	25	35	in	SS		1.461	0.1205	0.3615	1.0995		0.18	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-230	27-1011	AAB2490	48	54	in	SS		1.178	0.1005	0.3015	0.8765		0.18	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-230	27-1015	AAB2492	0	16	in	SS		0.721	0.0655	0.1965	0.5245		0.18	PCI/G		D		firing pit 2-S	RAS	19480	31370	RAD
Thorium-230	27-1015	AAB2492	0	16	in	SS		0.757	0.069	0.207	0.55		0.18	PCI/G			J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-230	27-1015	AAB2492	0	16	in	SS		0.991	0.083	0.249	0.742		0.18	PCI/G				firing pit 2-S	RAS	19480	38646	RAD
Thorium-230	27-1015	AAB2494	25	36	in	SS		0.833	0.073	0.219	0.614		0.18	PCI/G			J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-230	27-1015	AAB2494	25	36	in	SS		1.02	0.0835	0.2505	0.7695		0.18	PCI/G				firing pit 2-S	RAS	19480	38646	RAD
Thorium-230	27-1015	AAB2496	50	60	in	SS		0.426	0.038	0.114	0.312		0.18	PCI/G	FD			firing pit 2-S	RAS	19480	31370	RAD
Thorium-230	27-1015	AAB2497	50	60	in	SS		0.739	0.063	0.189	0.55		0.18	PCI/G	FD		J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-230	27-1015	AAB2497	50	60	in	SS		0.752	0.068	0.204	0.548		0.18	PCI/G	FD			firing pit 2-S	RAS	19480	38646	RAD
Thorium-230	27-1016	AAB2499	0	12	in	SS		0.869	0.075	0.225	0.644		0.18	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-230	27-1016	AAB2499	0	12	in	SS		0.908	0.083	0.249	0.659		0.18	PCI/G		D		firing pit 2-C	RAS	19480	38646	RAD
Thorium-230	27-1016	AAB2499	0	12	in	SS		1.155	0.167	0.501	0.654		0.18	PCI/G			R	firing pit 2-C	RAS	19480	31370	RAD
Thorium-230	27-1016	AAB2501	25	36	in	SS		0.815	0.067	0.201	0.614		0.18	PCI/G		D		firing pit 2-C	RAS	19480	38646	RAD
Thorium-230	27-1016	AAB2501	25	36	in	SS		0.784	0.071	0.213	0.571		0.18	PCI/G			J	firing pit 2-C	RAS	19480	31370	RAD
Thorium-230	27-1016	AAB2501	25	36	in	SS		0.883	0.075	0.225	0.658		0.18	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-230	27-1016	AAB2503	50	60	in	SS		0.973	0.0795	0.2385	0.7345		0.18	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-230	27-1016	AAB2503	50	60	in	SS		0.788	0.0855	0.2565	0.5315		0.18	PCI/G			J	firing pit 2-C	RAS	19480	31370	RAD
Thorium-230	27-1017	AAB2506	0	12	in	SS		0.1174	0.0208	0.0624	0.055		0.18	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-230	27-1017	AAB2506	0	12	in	SS		0.1575	0.0221	0.0663	0.0912		0.18	PCI/G		D	J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-230	27-1017	AAB2508	25	38	in	SS		0.178	0.0256	0.0768	0.1012		0.18	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD

SAMPLING DATA FOR PRS 27-002

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-230	27-1017	AAB2510	48	60	in	SS		0.1369	0.0206	0.0618	0.0751		0.18	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-230	27-1018	AAB2512	25	35	in	SS		0.1549	0.0256	0.0768	0.0781		0.18	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-230	27-1018	AAB2514	48	60	in	SS		0.1152	0.0171	0.0513	0.0639		0.18	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-230	27-1018	AAB2516	0	12	in	SS		0.0871	0.0165	0.0495	0.0376		0.18	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-230	27-1019	AAB2518	0	12	in	SS		0.0714	0.0139	0.0417	0.0297		0.18	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD
Thorium-230	27-1019	AAB2520	25	35	in	SS		0.038	0.0081	0.0243	0.0137		0.18	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD
Thorium-230	27-1019	AAB2522	48	54	in	SS		0.1926	0.0264	0.0792	0.1134		0.18	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD
Thorium-230	27-1029	AAB2524	0	12	in	SS		0.741	0.065	0.195	0.546		0.18	PCI/G				firing pit 3-C	RAS	19494	30660	RAD
Thorium-230	27-1029	AAB2526	30	42	in	SS		0.806	0.077	0.231	0.575		0.18	PCI/G				firing pit 3-C	RAS	19494	30660	RAD
Thorium-230	27-1029	AAB2528	48	60	in	SS		1.277	0.0965	0.2895	0.9875		0.18	PCI/G	FD	D		firing pit 3-C	RAS	19494	30660	RAD
Thorium-230	27-1029	AAB2528	48	60	in	SS		1.556	0.1155	0.3465	1.2095		0.18	PCI/G	FD			firing pit 3-C	RAS	19494	30660	RAD
Thorium-230	27-1029	AAB2529	48	60	in	SS		1.088	0.0845	0.2535	0.8345		0.18	PCI/G	FD			firing pit 3-C	RAS	19494	30660	RAD
Thorium-230	27-1030	AAB2531	0	12	in	SS		0.1372	0.0174	0.0522	0.085		0.18	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-230	27-1030	AAB4353	30	42	in	SS		0.1063	0.0144	0.0432	0.0631		0.18	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-230	27-1030	AAB4355	48	60	in	SS		0.045	0.0093	0.0279	0.0171		0.18	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-230	27-1031	AAB4357	0	12	in	SS		0.1996	0.024	0.072	0.1276		0.18	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-230	27-1031	AAB4359	30	42	in	SS		0.0957	0.0139	0.0417	0.054		0.18	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-230	27-1031	AAB4361	48	60	in	SS		0.1072	0.0159	0.0477	0.0595		0.18	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-230	27-1032	AAB4363	0	12	in	SS		0.854	0.0645	0.1935	0.6605		0.18	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-230	27-1032	AAB4365	30	42	in	SS		1.081	0.081	0.243	0.838		0.18	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-230	27-1032	AAB4367	48	60	in	SS		1.074	0.083	0.249	0.825		0.18	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-230	27-1033	AAB4370	0	12	in	SS		0.971	0.0805	0.2415	0.7295		0.18	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-230	27-1033	AAB4372	30	42	in	SS		0.829	0.066	0.198	0.631		0.18	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-230	27-1033	AAB4374	42	54	in	SS		0.91	0.0735	0.2205	0.6895		0.18	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-230	27-1043	AAB4376	0	12	in	SS		0.48	0.045	0.135	0.345		0.18	PCI/G			U	firing pit 4-NE	RAS	19481	32002	RAD
Thorium-230	27-1043	AAB4378	24	36	in	SS		0.755	0.0585	0.1755	0.5795		0.18	PCI/G			U	firing pit 4-NE	RAS	19481	32002	RAD
Thorium-230	27-1043	AAB4380	48	66	in	SS		0.746	0.063	0.189	0.557		0.18	PCI/G	FD		U	firing pit 4-NE	RAS	19481	32002	RAD
Thorium-230	27-1043	AAB4381	48	66	in	SS		0.8	0.0605	0.1815	0.6185		0.18	PCI/G	FD	D		firing pit 4-NE	RAS	19481	32002	RAD
Thorium-230	27-1043	AAB4381	48	66	in	SS		0.8	0.066	0.198	0.602		0.18	PCI/G	FD			firing pit 4-NE	RAS	19481	32002	RAD
Thorium-230	27-1044	AAB4383	12	24	in	SS		0.709	0.0615	0.1845	0.5245		0.18	PCI/G			U	firing pit 4-NW	RAS	19481	32002	RAD
Thorium-230	27-1044	AAB4385	30	42	in	SS		0.477	0.0455	0.1365	0.3405		0.18	PCI/G			U	firing pit 4-NW	RAS	19481	32002	RAD
Thorium-230	27-1044	AAB4387	48	60	in	SS		0.716	0.0625	0.1875	0.5285		0.18	PCI/G			U	firing pit 4-NW	RAS	19481	32002	RAD
Thorium-230	27-1045	AAB4389	0	12	in	SS		0.79	0.07	0.21	0.58		0.18	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-230	27-1045	AAB4391	30	42	in	SS		1.06	0.085	0.255	0.805		0.18	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-230	27-1045	AAB4393	48	60	in	SS		0.72	0.06	0.18	0.54		0.18	PCI/G		D		firing pit 5-E2	RAS	19978	36500	RAD
Thorium-230	27-1045	AAB4393	48	60	in	SS		1.01	0.075	0.225	0.785		0.18	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-230	27-1057	AAB4407	0	12	in	SS		1.081	0.154	0.462	0.619		0.18	PCI/G			R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-230	27-1057	AAB4409	32	42	in	SS		1.14	0.142	0.426	0.714		0.18	PCI/G			R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-230	27-1057	AAB4411	48	60	in	SS		0.727	0.0725	0.2175	0.5095		0.18	PCI/G	FD		J	firing pit 5-C	RAS	19474	31657	RAD
Thorium-230	27-1057	AAB4411	48	60	in	SS		0.833	0.0985	0.2955	0.5375		0.18	PCI/G	FD	D	R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-230	27-1057	AAB4412	48	60	in	SS		0.68	0.056	0.168	0.512		0.18	PCI/G	FD			firing pit 5-C	RAS	19474	31657	RAD
Thorium-230	27-1057	AAB4412	48	60	in	SS		0.903	0.0965	0.2895	0.6135		0.18	PCI/G	FD	D	R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-230	27-1058	AAB4414	0	12	in	SS		0.95	0.075	0.225	0.725		0.18	PCI/G				firing pit 5-N	RAS	19978	36500	RAD
Thorium-230	27-1058	AAB4416	30	42	in	SS		0.97	0.075	0.225	0.745		0.18	PCI/G				firing pit 5-N	RAS	19978	36500	RAD
Thorium-230	27-1058	AAB4418	48	60	in	SS		0.69	0.055	0.165	0.525		0.18	PCI/G				firing pit 5-N	RAS	19978	36500	RAD
Thorium-230	27-1059	AAB4420	0	12	in	SS		1.33	0.1	0.3	1.03		0.18	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-230	27-1059	AAB4422	30	42	in	SS		1.06	0.1	0.3	0.76		0.18	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-230	27-1059	AAB4424	46	54	in	SS		1.23	0.09	0.27	0.96		0.18	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-230	27-1060	AAB4426	0	12	in	SS		1.056	0.0765	0.2295	0.8265		0.18	PCI/G				firing pit 5-S	RAS	19481	32002	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-230	27-1060	AAB4428	24	36	in	SS		1.173	0.098	0.294	0.879		0.18	PCI/G			J	firing pit 5-S	RAS	19481	32002	RAD
Thorium-230	27-1060	AAB4430	48	66	in	SS		0.687	0.0535	0.1605	0.5265		0.18	PCI/G			U	firing pit 5-S	RAS	19481	32002	RAD
Thorium-230	27-1061	AAB4432	0	12	in	SS		0.87	0.075	0.225	0.645		0.18	PCI/G		D		firing pit 5-W	RAS	19978	36500	RAD
Thorium-230	27-1061	AAB4432	0	12	in	SS		0.97	0.09	0.27	0.7		0.18	PCI/G				firing pit 5-W	RAS	19978	36500	RAD
Thorium-230	27-1061	AAB4434	30	42	in	SS		0.81	0.085	0.255	0.555		0.18	PCI/G				firing pit 5-W	RAS	19978	36500	RAD
Thorium-230	27-1511	AAB5070	0	12	in	SS		0.8	0.025	0.075	0.725		0.18	PCI/G			U	Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1512	AAB5070	0	12	in	SS		0.8	0.025	0.075	0.725		0.18	PCI/G			U	Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1514	AAB5071	0	12	in	SS		3.5	0.1	0.3	3.2		0.18	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1516	AAB5071	0	12	in	SS		3.5	0.1	0.3	3.2		0.18	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1521	AAB5080	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G			U	Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1523	AAB5080	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G			U	Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1525	AAB5080	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G			U	Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1527	AAB5080	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G			U	Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1532	AAB5089	0	12	in	SS		2.3	0.05	0.15	2.15		0.18	PCI/G			U	Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1532	AAB5090	0	12	in	SS		2.2	0.05	0.15	2.05		0.18	PCI/G	FD		U	Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1533	AAB5089	0	12	in	SS		2.3	0.05	0.15	2.15		0.18	PCI/G			U	Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1533	AAB5090	0	12	in	SS		2.2	0.05	0.15	2.05		0.18	PCI/G	FD		U	Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1535	AAB5089	0	12	in	SS		2.3	0.05	0.15	2.15		0.18	PCI/G			U	Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1535	AAB5090	0	12	in	SS		2.2	0.05	0.15	2.05		0.18	PCI/G	FD		U	Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1536	AAB5089	0	12	in	SS		2.3	0.05	0.15	2.15		0.18	PCI/G			U	Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1536	AAB5090	0	12	in	SS		2.2	0.05	0.15	2.05		0.18	PCI/G	FD		U	Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-230	27-1562	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365		0.18	PCI/G			J	Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1564	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365		0.18	PCI/G			J	Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1565	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365		0.18	PCI/G			J	Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1566	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365		0.18	PCI/G			J	Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1570	AAB5127	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1572	AAB5127	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1573	AAB5127	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1576	AAB5127	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1580	AAB5136	0	12	in	SS		1.6	0.045	0.135	1.465		0.18	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1581	AAB5136	0	12	in	SS		1.6	0.045	0.135	1.465		0.18	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1583	AAB5136	0	12	in	SS		1.6	0.045	0.135	1.465		0.18	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1584	AAB5136	0	12	in	SS		1.6	0.045	0.135	1.465		0.18	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1591	AAB5145	0	12	in	SS		0.3	0.02	0.06	0.24		0.18	PCI/G			J	Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1593	AAB5145	0	12	in	SS		0.3	0.02	0.06	0.24		0.18	PCI/G			J	Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1594	AAB5146	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G			J	Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1595	AAB5146	0	12	in	SS		1.2	0.04	0.12	1.08		0.18	PCI/G			J	Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1600	AAB5155	0	12	in	SS		3.8	0.1	0.3	3.5		0.18	PCI/G			J	Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1602	AAB5155	0	12	in	SS		3.8	0.1	0.3	3.5		0.18	PCI/G			J	Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1603	AAB5155	0	12	in	SS		3.8	0.1	0.3	3.5		0.18	PCI/G			J	Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1606	AAB5155	0	12	in	SS		3.8	0.1	0.3	3.5		0.18	PCI/G			J	Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1610	AAB5164	0	12	in	SS		1.5	0.05	0.15	1.35		0.18	PCI/G			J	Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1611	AAB5164	0	12	in	SS		1.5	0.05	0.15	1.35		0.18	PCI/G			J	Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1613	AAB5164	0	12	in	SS		1.5	0.05	0.15	1.35		0.18	PCI/G			J	Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1616	AAB5164	0	12	in	SS		1.5	0.05	0.15	1.35		0.18	PCI/G			J	Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1620	AAB5173	0	12	in	SS		3.9	0.1	0.3	3.6		0.18	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1621	AAB5173	0	12	in	SS		3.9	0.1	0.3	3.6		0.18	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1624	AAB5173	0	12	in	SS		3.9	0.1	0.3	3.6		0.18	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1626	AAB5173	0	12	in	SS		3.9	0.1	0.3	3.6		0.18	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD

SAMPLING DATA FOR PRS 27-002

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-230	27-1630	AAB5182	0	12	in	SS		5.6	0.15	0.45	5.15		0.18	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1634	AAB5182	0	12	in	SS		5.6	0.15	0.45	5.15		0.18	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1635	AAB5182	0	12	in	SS		5.6	0.15	0.45	5.15		0.18	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1637	AAB5182	0	12	in	SS		5.6	0.15	0.45	5.15		0.18	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-230	27-1640	AAB5191	0	12	in	SS		1.8	0.05	0.15	1.65		0.18	PCI/G			J	Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1641	AAB5191	0	12	in	SS		1.8	0.05	0.15	1.65		0.18	PCI/G			J	Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1642	AAB5191	0	12	in	SS		1.8	0.05	0.15	1.65		0.18	PCI/G			J	Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-230	27-1643	AAB5191	0	12	in	SS		1.8	0.05	0.15	1.65		0.18	PCI/G			J	Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1007	AAB2461	0	12	in	SS		1.383	0.0955	0.2865	1.0965	2.47	0.77	PCI/G		D		firing pit 1-C	RAS	19481	32002	RAD
Thorium-232	27-1007	AAB2461	0	12	in	SS		1.484	0.109	0.327	1.157	2.47	0.77	PCI/G				firing pit 1-C	RAS	19481	32002	RAD
Thorium-232	27-1008	AAB2468	0	12	in	SS		1.26	0.09	0.27	0.99	2.47	0.77	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-232	27-1008	AAB2470	38	42	in	SS		1.36	0.105	0.315	1.045	2.47	0.77	PCI/G		D		firing pit 1-N	RAS	19978	36500	RAD
Thorium-232	27-1008	AAB2470	38	42	in	SS		1.43	0.11	0.33	1.1	2.47	0.77	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-232	27-1008	AAB2472	48	60	in	SS		1.31	0.095	0.285	1.025	2.47	0.77	PCI/G				firing pit 1-N	RAS	19978	36500	RAD
Thorium-232	27-1009	AAB2474	0	12	in	SS		1.59	0.14	0.42	1.17	2.47	0.77	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-232	27-1009	AAB2476	38	42	in	SS		1.3	0.11	0.33	0.97	2.47	0.77	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-232	27-1009	AAB2478	48	60	in	SS		1.36	0.1	0.3	1.06	2.47	0.77	PCI/G				firing pit 1-E	RAS	19978	36500	RAD
Thorium-232	27-1010	AAB2480	0	12	in	SS		1.216	0.096	0.288	0.928	2.47	0.77	PCI/G		D		firing pit 1-S	RAS	19494	30660	RAD
Thorium-232	27-1010	AAB2480	0	12	in	SS		1.414	0.135	0.405	1.009	2.47	0.77	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-232	27-1010	AAB2482	24	35	in	SS		1.212	0.1175	0.3525	0.8595	2.47	0.77	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-232	27-1010	AAB2484	48	60	in	SS		1.417	0.1325	0.3975	1.0195	2.47	0.77	PCI/G				firing pit 1-S	RAS	19494	30660	RAD
Thorium-232	27-1011	AAB2486	0	12	in	SS		1.18	0.1135	0.3405	0.8395	2.47	0.77	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-232	27-1011	AAB2488	25	35	in	SS		1.626	0.131	0.393	1.233	2.47	0.77	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-232	27-1011	AAB2490	48	54	in	SS		1.394	0.114	0.342	1.052	2.47	0.77	PCI/G				firing pit 1-W	RAS	19494	30660	RAD
Thorium-232	27-1015	AAB2492	0	16	in	SS		0.971	0.0815	0.2445	0.7265	2.47	0.77	PCI/G				firing pit 2-S	RAS	19480	38646	RAD
Thorium-232	27-1015	AAB2492	0	16	in	SS		1.007	0.0825	0.2475	0.7595	2.47	0.77	PCI/G		D		firing pit 2-S	RAS	19480	31370	RAD
Thorium-232	27-1015	AAB2492	0	16	in	SS		1.059	0.088	0.264	0.795	2.47	0.77	PCI/G			J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-232	27-1015	AAB2494	25	36	in	SS		1.198	0.0945	0.2835	0.9145	2.47	0.77	PCI/G				firing pit 2-S	RAS	19480	38646	RAD
Thorium-232	27-1015	AAB2494	25	36	in	SS		1.194	0.0955	0.2865	0.9075	2.47	0.77	PCI/G			J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-232	27-1015	AAB2496	50	60	in	SS		0.583	0.048	0.144	0.439	2.47	0.77	PCI/G	FD			firing pit 2-S	RAS	19480	31370	RAD
Thorium-232	27-1015	AAB2497	50	60	in	SS		1.137	0.087	0.261	0.876	2.47	0.77	PCI/G	FD		J	firing pit 2-S	RAS	19480	31370	RAD
Thorium-232	27-1015	AAB2497	50	60	in	SS		1.072	0.088	0.264	0.808	2.47	0.77	PCI/G	FD			firing pit 2-S	RAS	19480	38646	RAD
Thorium-232	27-1016	AAB2499	0	12	in	SS		1.068	0.0875	0.2625	0.8055	2.47	0.77	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-232	27-1016	AAB2499	0	12	in	SS		1.099	0.0955	0.2865	0.8125	2.47	0.77	PCI/G		D		firing pit 2-C	RAS	19480	38646	RAD
Thorium-232	27-1016	AAB2499	0	12	in	SS		1.561	0.1975	0.5925	0.9685	2.47	0.77	PCI/G			R	firing pit 2-C	RAS	19480	31370	RAD
Thorium-232	27-1016	AAB2501	25	36	in	SS		0.944	0.075	0.225	0.719	2.47	0.77	PCI/G		D		firing pit 2-C	RAS	19480	38646	RAD
Thorium-232	27-1016	AAB2501	25	36	in	SS		0.966	0.0805	0.2415	0.7245	2.47	0.77	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-232	27-1016	AAB2501	25	36	in	SS		0.973	0.083	0.249	0.724	2.47	0.77	PCI/G			J	firing pit 2-C	RAS	19480	31370	RAD
Thorium-232	27-1016	AAB2503	50	60	in	SS		1.11	0.088	0.264	0.846	2.47	0.77	PCI/G				firing pit 2-C	RAS	19480	38646	RAD
Thorium-232	27-1016	AAB2503	50	60	in	SS		0.919	0.094	0.282	0.637	2.47	0.77	PCI/G			J	firing pit 2-C	RAS	19480	31370	RAD
Thorium-232	27-1017	AAB2506	0	12	in	SS		0.09	0.0176	0.0528	0.0372	2.47	0.77	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-232	27-1017	AAB2506	0	12	in	SS		0.2074	0.0267	0.0801	0.1273	2.47	0.77	PCI/G		D	J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-232	27-1017	AAB2508	25	38	in	SS		0.323	0.0394	0.1182	0.2048	2.47	0.77	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-232	27-1017	AAB2510	48	60	in	SS		0.2321	0.0297	0.0891	0.143	2.47	0.77	PCI/G			J	firing pit 2-N	RAS	19440	34892	RAD
Thorium-232	27-1018	AAB2512	25	35	in	SS		0.0817	0.0172	0.0516	0.0301	2.47	0.77	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-232	27-1018	AAB2514	48	60	in	SS		0.0996	0.0154	0.0462	0.0534	2.47	0.77	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-232	27-1018	AAB2516	0	12	in	SS		0.1429	0.0225	0.0675	0.0754	2.47	0.77	PCI/G			J	firing pit 2-E	RAS	19440	34892	RAD
Thorium-232	27-1019	AAB2518	0	12	in	SS		0.0744	0.0141	0.0423	0.0321	2.47	0.77	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD
Thorium-232	27-1019	AAB2520	25	35	in	SS		0.1314	0.0175	0.0525	0.0789	2.47	0.77	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD

SAMPLING DATA FOR PRS 27-002

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-232	27-1019	AAB2522	48	54	in	SS		0.1987	0.027	0.081	0.1177	2.47	0.77	PCI/G			J	firing pit 2-W	RAS	19440	34892	RAD
Thorium-232	27-1029	AAB2524	0	12	in	SS		1.155	0.0915	0.2745	0.8805	2.47	0.77	PCI/G				firing pit 3-C	RAS	19494	30660	RAD
Thorium-232	27-1029	AAB2526	30	42	in	SS		0.917	0.084	0.252	0.665	2.47	0.77	PCI/G				firing pit 3-C	RAS	19494	30660	RAD
Thorium-232	27-1029	AAB2528	48	60	in	SS		1.468	0.108	0.324	1.144	2.47	0.77	PCI/G	FD	D		firing pit 3-C	RAS	19494	30660	RAD
Thorium-232	27-1029	AAB2528	48	60	in	SS		1.597	0.118	0.354	1.243	2.47	0.77	PCI/G	FD			firing pit 3-C	RAS	19494	30660	RAD
Thorium-232	27-1029	AAB2529	48	60	in	SS		1.259	0.095	0.285	0.974	2.47	0.77	PCI/G	FD			firing pit 3-C	RAS	19494	30660	RAD
Thorium-232	27-1030	AAB2531	0	12	in	SS		0.3025	0.0315	0.0945	0.208	2.47	0.77	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-232	27-1030	AAB4353	30	42	in	SS		0.189	0.0217	0.0651	0.1239	2.47	0.77	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-232	27-1030	AAB4355	48	60	in	SS		0.0484	0.0096	0.0288	0.0196	2.47	0.77	PCI/G			J	firing pit 3-N	RAS	19440	34892	RAD
Thorium-232	27-1031	AAB4357	0	12	in	SS		0.2341	0.0271	0.0813	0.1528	2.47	0.77	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-232	27-1031	AAB4359	30	42	in	SS		0.1083	0.0151	0.0453	0.063	2.47	0.77	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-232	27-1031	AAB4361	48	60	in	SS		0.1262	0.0177	0.0531	0.0731	2.47	0.77	PCI/G			J	firing pit 3-E	RAS	19440	34892	RAD
Thorium-232	27-1032	AAB4363	0	12	in	SS		1.007	0.0735	0.2205	0.7865	2.47	0.77	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-232	27-1032	AAB4365	30	42	in	SS		1.191	0.0875	0.2625	0.9285	2.47	0.77	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-232	27-1032	AAB4367	48	60	in	SS		1.336	0.099	0.297	1.039	2.47	0.77	PCI/G				firing pit 3-S	RAS	19494	30660	RAD
Thorium-232	27-1033	AAB4370	0	12	in	SS		1.225	0.096	0.288	0.937	2.47	0.77	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-232	27-1033	AAB4372	30	42	in	SS		1.027	0.078	0.234	0.793	2.47	0.77	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-232	27-1033	AAB4374	42	54	in	SS		1.216	0.092	0.276	0.94	2.47	0.77	PCI/G				firing pit 3-W	RAS	19494	30660	RAD
Thorium-232	27-1043	AAB4376	0	12	in	SS		0.736	0.0615	0.1845	0.5515	2.47	0.77	PCI/G				firing pit 4-NE	RAS	19481	32002	RAD
Thorium-232	27-1043	AAB4378	24	36	in	SS		1.216	0.0865	0.2595	0.9565	2.47	0.77	PCI/G				firing pit 4-NE	RAS	19481	32002	RAD
Thorium-232	27-1043	AAB4380	48	66	in	SS		1.108	0.085	0.255	0.853	2.47	0.77	PCI/G	FD			firing pit 4-NE	RAS	19481	32002	RAD
Thorium-232	27-1043	AAB4381	48	66	in	SS		1.104	0.0085	0.0255	1.0785	2.47	0.77	PCI/G	FD			firing pit 4-NE	RAS	19481	32002	RAD
Thorium-232	27-1043	AAB4381	48	66	in	SS		1.074	0.077	0.231	0.843	2.47	0.77	PCI/G	FD	D		firing pit 4-NE	RAS	19481	32002	RAD
Thorium-232	27-1044	AAB4383	12	24	in	SS		1.027	0.081	0.243	0.784	2.47	0.77	PCI/G				firing pit 4-NW	RAS	19481	32002	RAD
Thorium-232	27-1044	AAB4385	30	42	in	SS		0.64	0.056	0.168	0.472	2.47	0.77	PCI/G				firing pit 4-NW	RAS	19481	32002	RAD
Thorium-232	27-1044	AAB4387	48	60	in	SS		0.935	0.076	0.228	0.707	2.47	0.77	PCI/G				firing pit 4-NW	RAS	19481	32002	RAD
Thorium-232	27-1045	AAB4389	0	12	in	SS		1.15	0.09	0.27	0.88	2.47	0.77	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-232	27-1045	AAB4391	30	42	in	SS		1.49	0.11	0.33	1.16	2.47	0.77	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-232	27-1045	AAB4393	48	60	in	SS		0.95	0.07	0.21	0.74	2.47	0.77	PCI/G				firing pit 5-E2	RAS	19978	36500	RAD
Thorium-232	27-1045	AAB4393	48	60	in	SS		0.94	0.07	0.21	0.73	2.47	0.77	PCI/G		D		firing pit 5-E2	RAS	19978	36500	RAD
Thorium-232	27-1057	AAB4407	0	12	in	SS		1.561	0.192	0.576	0.985	2.47	0.77	PCI/G			R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-232	27-1057	AAB4409	32	42	in	SS		1.351	0.1575	0.4725	0.8785	2.47	0.77	PCI/G			R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-232	27-1057	AAB4411	48	60	in	SS		0.878	0.0825	0.2475	0.6305	2.47	0.77	PCI/G	FD		J	firing pit 5-C	RAS	19474	31657	RAD
Thorium-232	27-1057	AAB4411	48	60	in	SS		1.041	0.113	0.339	0.702	2.47	0.77	PCI/G	FD	D	R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-232	27-1057	AAB4412	48	60	in	SS		1.178	0.0865	0.2595	0.9185	2.47	0.77	PCI/G	FD			firing pit 5-C	RAS	19474	31657	RAD
Thorium-232	27-1057	AAB4412	48	60	in	SS		1.074	0.108	0.324	0.75	2.47	0.77	PCI/G	FD	D	R	firing pit 5-C	RAS	19474	31657	RAD
Thorium-232	27-1058	AAB4414	0	12	in	SS		1.2	0.09	0.27	0.93	2.47	0.77	PCI/G				firing pit 5-N	RAS	19978	36500	RAD
Thorium-232	27-1058	AAB4416	30	42	in	SS		1.31	0.095	0.285	1.025	2.47	0.77	PCI/G				firing pit 5-N	RAS	19978	36500	RAD
Thorium-232	27-1058	AAB4418	48	60	in	SS		0.86	0.065	0.195	0.665	2.47	0.77	PCI/G				firing pit 5-N	RAS	19978	36500	RAD
Thorium-232	27-1059	AAB4420	0	12	in	SS		1.42	0.105	0.315	1.105	2.47	0.77	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-232	27-1059	AAB4422	30	42	in	SS		1.35	0.115	0.345	1.005	2.47	0.77	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-232	27-1059	AAB4424	46	54	in	SS		1.37	0.1	0.3	1.07	2.47	0.77	PCI/G				firing pit 5-E	RAS	19978	36500	RAD
Thorium-232	27-1060	AAB4426	0	12	in	SS		1.302	0.091	0.273	1.029	2.47	0.77	PCI/G				firing pit 5-S	RAS	19481	32002	RAD
Thorium-232	27-1060	AAB4428	24	36	in	SS		1.45	0.115	0.345	1.105	2.47	0.77	PCI/G			J	firing pit 5-S	RAS	19481	32002	RAD
Thorium-232	27-1060	AAB4430	48	66	in	SS		0.959	0.07	0.21	0.749	2.47	0.77	PCI/G				firing pit 5-S	RAS	19481	32002	RAD
Thorium-232	27-1061	AAB4432	0	12	in	SS		1.21	0.095	0.285	0.925	2.47	0.77	PCI/G		D		firing pit 5-W	RAS	19978	36500	RAD
Thorium-232	27-1061	AAB4432	0	12	in	SS		1.17	0.105	0.315	0.855	2.47	0.77	PCI/G				firing pit 5-W	RAS	19978	36500	RAD
Thorium-232	27-1061	AAB4434	30	42	in	SS		1.11	0.1	0.3	0.81	2.47	0.77	PCI/G				firing pit 5-W	RAS	19978	36500	RAD
Thorium-232	27-1511	AAB5070	0	12	in	SS		1	0.03	0.09	0.91	2.47	0.77	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sat Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-232	27-1512	AAB5070	0	12	in	SS		.1	0.03	0.09	0.91	2.47	0.77	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1514	AAB5071	0	12	in	SS		1.5	0.05	0.15	1.35	2.47	0.77	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1516	AAB5071	0	12	in	SS		1.5	0.05	0.15	1.35	2.47	0.77	PCI/G				Locale 1510, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1521	AAB5080	0	12	in	SS		0.9	0.03	0.09	0.81	2.47	0.77	PCI/G				Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1523	AAB5080	0	12	in	SS		0.9	0.03	0.09	0.81	2.47	0.77	PCI/G				Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1525	AAB5080	0	12	in	SS		0.9	0.03	0.09	0.81	2.47	0.77	PCI/G				Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1527	AAB5080	0	12	in	SS		0.9	0.03	0.09	0.81	2.47	0.77	PCI/G				Locale 1520, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1532	AAB5089	0	12	in	SS		1.6	0.045	0.135	1.465	2.47	0.77	PCI/G				Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1532	AAB5090	0	12	in	SS		1.6	0.05	0.15	1.45	2.47	0.77	PCI/G	FD			Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1533	AAB5089	0	12	in	SS		1.6	0.045	0.135	1.465	2.47	0.77	PCI/G				Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1533	AAB5090	0	12	in	SS		1.6	0.05	0.15	1.45	2.47	0.77	PCI/G	FD			Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1535	AAB5089	0	12	in	SS		1.6	0.045	0.135	1.465	2.47	0.77	PCI/G				Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1535	AAB5090	0	12	in	SS		1.6	0.05	0.15	1.45	2.47	0.77	PCI/G	FD			Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1536	AAB5089	0	12	in	SS		1.6	0.045	0.135	1.465	2.47	0.77	PCI/G				Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1536	AAB5090	0	12	in	SS		1.6	0.05	0.15	1.45	2.47	0.77	PCI/G	FD			Locale 1530, Pajarito Canyon	RAS	19265	37124	RAD
Thorium-232	27-1562	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365	2.47	0.77	PCI/G				Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1564	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365	2.47	0.77	PCI/G				Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1565	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365	2.47	0.77	PCI/G				Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1566	AAB5118	0	12	in	SS		1.5	0.045	0.135	1.365	2.47	0.77	PCI/G				Locale 1560, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1570	AAB5127	0	12	in	SS		1.1	0.035	0.105	0.995	2.47	0.77	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1572	AAB5127	0	12	in	SS		1.1	0.035	0.105	0.995	2.47	0.77	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1573	AAB5127	0	12	in	SS		1.1	0.035	0.105	0.995	2.47	0.77	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1576	AAB5127	0	12	in	SS		1.1	0.035	0.105	0.995	2.47	0.77	PCI/G				Locale 1570, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1580	AAB5136	0	12	in	SS		1.3	0.04	0.12	1.18	2.47	0.77	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1581	AAB5136	0	12	in	SS		1.3	0.04	0.12	1.18	2.47	0.77	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1583	AAB5136	0	12	in	SS		1.3	0.04	0.12	1.18	2.47	0.77	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1584	AAB5136	0	12	in	SS		1.3	0.04	0.12	1.18	2.47	0.77	PCI/G				Locale 1580, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1591	AAB5145	0	12	in	SS		0.9	0.035	0.105	0.795	2.47	0.77	PCI/G			J	Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1593	AAB5145	0	12	in	SS		0.9	0.035	0.105	0.795	2.47	0.77	PCI/G			J	Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1594	AAB5146	0	12	in	SS		1.3	0.04	0.12	1.18	2.47	0.77	PCI/G				Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1595	AAB5146	0	12	in	SS		1.3	0.04	0.12	1.18	2.47	0.77	PCI/G				Locale 1590, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1600	AAB5155	0	12	in	SS		1.2	0.045	0.135	1.065	2.47	0.77	PCI/G				Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1602	AAB5155	0	12	in	SS		1.2	0.045	0.135	1.065	2.47	0.77	PCI/G				Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1603	AAB5155	0	12	in	SS		1.2	0.045	0.135	1.065	2.47	0.77	PCI/G				Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1606	AAB5155	0	12	in	SS		1.2	0.045	0.135	1.065	2.47	0.77	PCI/G				Locale 1600, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1610	AAB5164	0	12	in	SS		1.7	0.05	0.15	1.55	2.47	0.77	PCI/G				Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1611	AAB5164	0	12	in	SS		1.7	0.05	0.15	1.55	2.47	0.77	PCI/G				Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1613	AAB5164	0	12	in	SS		1.7	0.05	0.15	1.55	2.47	0.77	PCI/G				Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1616	AAB5164	0	12	in	SS		1.7	0.05	0.15	1.55	2.47	0.77	PCI/G				Locale 1610, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1620	AAB5173	0	12	in	SS		1.8	0.05	0.15	1.65	2.47	0.77	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1621	AAB5173	0	12	in	SS		1.8	0.05	0.15	1.65	2.47	0.77	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1624	AAB5173	0	12	in	SS		1.8	0.05	0.15	1.65	2.47	0.77	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1626	AAB5173	0	12	in	SS		1.8	0.05	0.15	1.65	2.47	0.77	PCI/G				Locale 1620, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1630	AAB5182	0	12	in	SS		2	0.05	0.15	1.85	2.47	0.77	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1634	AAB5182	0	12	in	SS		2	0.05	0.15	1.85	2.47	0.77	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1635	AAB5182	0	12	in	SS		2	0.05	0.15	1.85	2.47	0.77	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1637	AAB5182	0	12	in	SS		2	0.05	0.15	1.85	2.47	0.77	PCI/G				Locale 1630, Pajarito Canyon	RAS	18765	37522	RAD
Thorium-232	27-1640	AAB5191	0	12	in	SS		1.2	0.04	0.12	1.08	2.47	0.77	PCI/G				Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1641	AAB5191	0	12	in	SS		1.2	0.04	0.12	1.08	2.47	0.77	PCI/G				Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Thorium-232	27-1642	AAB5191	0	12	in	SS		1.2	0.04	0.12	1.08	2.47	0.77	PCI/G				Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Thorium-232	27-1643	AAB5191	0	12	in	SS		1.2	0.04	0.12	1.08	2.47	0.77	PCI/G				Locale 1640, Pajarito Canyon	RAS	19605	37258	RAD
Titanium	27-1550	AAB5100	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Titanium	27-1551	AAB5101	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Titanium	27-1552	AAB5102	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Titanium	27-1553	AAB5103	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Titanium	27-1554	AAB5104	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Titanium	27-1555	AAB5105	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Titanium	27-1556	AAB5106	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34326	RAD
Titanium	27-1557	AAB5107	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Titanium	27-1580	AAB5128	0	6	in	SS					0							Locale 1580, Pajarito Canyon	XRF	19019	34311	RAD
Titanium	27-1591	AAB5138	0	6	in	SS					0							Locale 1590, Pajarito Canyon	XRF	19077	34313	RAD
Titanium	27-1610	AAB5156	0	6	in	SS		3063	306.3	918.9	2144.1			MG/KG				Locale 1610, Pajarito Canyon	XRF	19080	34320	RAD
Titanium	27-1621	AAB5166	0	6	in	SS		3424	342.4	1027.2	2396.8			MG/KG				Locale 1620, Pajarito Canyon	XRF	18929	34319	RAD
Titanium	27-1630	AAB5174	0	3	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34330	RAD
Titanium	27-1632	AAB5176	0	3	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34329	RAD
Titanium	27-1635	AAB5179	0	2	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34330	RAD
Titanium	27-1636	AAB5180	0	3	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34330	RAD
Titanium	27-1637	AAB5181	0	4	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34330	RAD
Uranium	27-1008	AAB2468	0	12	in	SS		2	0.135	0.405	1.595	5.45		MG/KG			J	firing pit 1-N	KPA	19978	36497	RAD
Uranium	27-1008	AAB2470	38	42	in	SS		2.39	0.16	0.48	1.91	5.45		MG/KG			J	firing pit 1-N	KPA	19978	36497	RAD
Uranium	27-1008	AAB2472	48	60	in	SS		1.68	0.115	0.345	1.335	5.45		MG/KG			J	firing pit 1-N	KPA	19978	36497	RAD
Uranium	27-1009	AAB2474	0	12	in	SS		2.27	0.155	0.465	1.805	5.45		MG/KG			J	firing pit 1-E	KPA	19978	36497	RAD
Uranium	27-1009	AAB2476	38	42	in	SS		2.27	0.155	0.465	1.805	5.45		MG/KG			J	firing pit 1-E	KPA	19978	36497	RAD
Uranium	27-1009	AAB2478	48	60	in	SS		2.65	0.18	0.54	2.11	5.45		MG/KG			J	firing pit 1-E	KPA	19978	36497	RAD
Uranium	27-1010	AAB2480	0	12	in	SS		1.8	0.12	0.36	1.44	5.45		MG/KG			J	firing pit 1-S	KPA	19494	30671	RAD
Uranium	27-1010	AAB2482	24	35	in	SS		2.02	0.135	0.405	1.615	5.45		MG/KG			J	firing pit 1-S	KPA	19494	30671	RAD
Uranium	27-1010	AAB2482	24	35	in	SS		3.03	0.205	0.615	2.415	5.45		MG/KG		D	J	firing pit 1-S	KPA	19494	30671	RAD
Uranium	27-1010	AAB2484	48	60	in	SS		2.58	0.175	0.525	2.055	5.45		MG/KG			J	firing pit 1-S	KPA	19494	30671	RAD
Uranium	27-1011	AAB2486	0	12	in	SS		2.26	0.15	0.45	1.81	5.45		MG/KG			J	firing pit 1-W	KPA	19494	30671	RAD
Uranium	27-1011	AAB2488	25	35	in	SS		2.46	0.165	0.495	1.965	5.45		MG/KG			J	firing pit 1-W	KPA	19494	30671	RAD
Uranium	27-1011	AAB2490	48	54	in	SS		2.2	0.15	0.45	1.75	5.45		MG/KG			J	firing pit 1-W	KPA	19494	30671	RAD
Uranium	27-1017	AAB2506	0	12	in	SS		3.93	0.2045	0.6135	3.3165	5.45		MG/KG		D	J	firing pit 2-N	KPA	19440	34887	RAD
Uranium	27-1017	AAB2506	0	12	in	SS		5.18	0.2695	0.8085	4.3715	5.45		MG/KG			J	firing pit 2-N	KPA	19440	34887	RAD
Uranium	27-1017	AAB2508	25	38	in	SS		10.6	0.745	2.235	8.365	5.45		MG/KG			J	firing pit 2-N	KPA	19440	34887	RAD
Uranium	27-1017	AAB2510	48	60	in	SS		33.3	2.245	6.735	26.565	5.45		MG/KG			J	firing pit 2-N	KPA	19440	34887	RAD
Uranium	27-1018	AAB2512	25	35	in	SS		5.47	0.2835	0.8505	4.6195	5.45		MG/KG			J	firing pit 2-E	KPA	19440	34887	RAD
Uranium	27-1018	AAB2514	48	60	in	SS		29.5	2.01	6.03	23.47	5.45		MG/KG			J	firing pit 2-E	KPA	19440	34887	RAD
Uranium	27-1018	AAB2516	0	12	in	SS		12.4	0.885	2.655	9.745	5.45		MG/KG			J	firing pit 2-E	KPA	19440	34887	RAD
Uranium	27-1019	AAB2518	0	12	in	SS		10.2	0.735	2.205	7.995	5.45		MG/KG			J	firing pit 2-W	KPA	19440	34887	RAD
Uranium	27-1019	AAB2520	25	35	in	SS		51.5	3.465	10.395	41.105	5.45		MG/KG			J	firing pit 2-W	KPA	19440	34887	RAD
Uranium	27-1019	AAB2522	48	54	in	SS		12.6	0.89	2.67	9.93	5.45		MG/KG			J	firing pit 2-W	KPA	19440	34887	RAD
Uranium	27-1029	AAB2524	0	12	in	SS		11.13	0.75	2.25	8.88	5.45		MG/KG			J	firing pit 3-C	KPA	19494	30671	RAD
Uranium	27-1029	AAB2526	30	42	in	SS		44.28	3.045	9.135	35.145	5.45		MG/KG			J	firing pit 3-C	KPA	19494	30671	RAD
Uranium	27-1029	AAB2528	48	60	in	SS		32.67	2.25	6.75	25.92	5.45		MG/KG	FD	D	J	firing pit 3-C	KPA	19494	30671	RAD
Uranium	27-1029	AAB2528	48	60	in	SS		32.83	2.26	6.78	26.05	5.45		MG/KG	FD		J	firing pit 3-C	KPA	19494	30671	RAD
Uranium	27-1029	AAB2529	48	60	in	SS		16	1.075	3.225	12.775	5.45		MG/KG	FD		J	firing pit 3-C	KPA	19494	30671	RAD
Uranium	27-1030	AAB2531	0	12	in	SS		8.44	0.438	1.314	7.126	5.45		MG/KG			J	firing pit 3-N	KPA	19440	34887	RAD
Uranium	27-1030	AAB4353	30	42	in	SS		3.47	0.18	0.54	2.93	5.45		MG/KG			J	firing pit 3-N	KPA	19440	34887	RAD

SAMPLING DATA FOR PRS 27-002

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	27-1030	AAB4355	48	60	in	SS		1.74	0.0905	0.2715	1.4685	5.45		MG/KG			J	firing pit 3-N	KPA	19440	34887	RAD
Uranium	27-1031	AAB4357	0	12	in	SS		7.27	0.377	1.131	6.139	5.45		MG/KG			J	firing pit 3-E	KPA	19440	34887	RAD
Uranium	27-1031	AAB4359	30	42	in	SS		5.32	0.276	0.828	4.492	5.45		MG/KG			J	firing pit 3-E	KPA	19440	34887	RAD
Uranium	27-1031	AAB4361	48	60	in	SS		1.83	0.095	0.285	1.545	5.45		MG/KG			J	firing pit 3-E	KPA	19440	34887	RAD
Uranium	27-1032	AAB4363	0	12	in	SS		22.85	1.54	4.62	18.23	5.45		MG/KG			J	firing pit 3-S	KPA	19494	30671	RAD
Uranium	27-1032	AAB4365	30	42	in	SS		11.41	0.77	2.31	9.1	5.45		MG/KG			J	firing pit 3-S	KPA	19494	30671	RAD
Uranium	27-1032	AAB4367	48	60	in	SS		7.86	0.53	1.59	6.27	5.45		MG/KG			J	firing pit 3-S	KPA	19494	30671	RAD
Uranium	27-1033	AAB4370	0	12	in	SS		7.38	0.495	1.485	5.895	5.45		MG/KG			J	firing pit 3-W	KPA	19494	30671	RAD
Uranium	27-1033	AAB4372	30	42	in	SS		27.99	1.885	5.655	22.335	5.45		MG/KG			J	firing pit 3-W	KPA	19494	30671	RAD
Uranium	27-1033	AAB4374	42	54	in	SS		30.55	2.06	6.18	24.37	5.45		MG/KG			J	firing pit 3-W	KPA	19494	30671	RAD
Uranium	27-1045	AAB4389	0	12	in	SS		1.43	0.095	0.285	1.145	5.45		MG/KG			J	firing pit 5-E2	KPA	19978	36497	RAD
Uranium	27-1045	AAB4391	30	42	in	SS		1.7	0.115	0.345	1.355	5.45		MG/KG		D	J	firing pit 5-E2	KPA	19978	36497	RAD
Uranium	27-1045	AAB4391	30	42	in	SS		1.74	0.12	0.36	1.38	5.45		MG/KG			J	firing pit 5-E2	KPA	19978	36497	RAD
Uranium	27-1045	AAB4393	48	60	in	SS		1.48	0.1	0.3	1.18	5.45		MG/KG			J	firing pit 5-E2	KPA	19978	36497	RAD
Uranium	27-1058	AAB4414	0	12	in	SS		2.24	0.15	0.45	1.79	5.45		MG/KG			J	firing pit 5-N	KPA	19978	36497	RAD
Uranium	27-1058	AAB4416	30	42	in	SS		1.75	0.12	0.36	1.39	5.45		MG/KG			J	firing pit 5-N	KPA	19978	36497	RAD
Uranium	27-1058	AAB4418	48	60	in	SS		1.05	0.07	0.21	0.84	5.45		MG/KG			J	firing pit 5-N	KPA	19978	36497	RAD
Uranium	27-1059	AAB4420	0	12	in	SS		3.88	0.26	0.78	3.1	5.45		MG/KG			J	firing pit 5-E	KPA	19978	36497	RAD
Uranium	27-1059	AAB4422	30	42	in	SS		2.6	0.175	0.525	2.075	5.45		MG/KG			J	firing pit 5-E	KPA	19978	36497	RAD
Uranium	27-1059	AAB4424	46	54	in	SS		1.94	0.13	0.39	1.55	5.45		MG/KG			J	firing pit 5-E	KPA	19978	36497	RAD
Uranium	27-1061	AAB4432	0	12	in	SS		2.13	0.145	0.435	1.695	5.45		MG/KG		D	J	firing pit 5-W	KPA	19978	36497	RAD
Uranium	27-1061	AAB4432	0	12	in	SS		2.48	0.165	0.495	1.985	5.45		MG/KG			J	firing pit 5-W	KPA	19978	36497	RAD
Uranium	27-1061	AAB4434	30	42	in	SS		1.53	0.105	0.315	1.215	5.45		MG/KG			J	firing pit 5-W	KPA	19978	36497	RAD
Uranium	27-1511	AAB5070	0	12	in	SS		0.531	0.1062	0.3186	0.2124	5.45		MG/KG			J	Locale 1510, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1512	AAB5070	0	12	in	SS		0.531	0.1062	0.3186	0.2124	5.45		MG/KG			J	Locale 1510, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1514	AAB5071	0	12	in	SS		0.557	0.1114	0.3342	0.2228	5.45		MG/KG			J	Locale 1510, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1516	AAB5071	0	12	in	SS		0.557	0.1114	0.3342	0.2228	5.45		MG/KG			J	Locale 1510, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1521	AAB5080	0	12	in	SS		0.412	0.0824	0.2472	0.1648	5.45		MG/KG			J	Locale 1520, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1523	AAB5080	0	12	in	SS		0.412	0.0824	0.2472	0.1648	5.45		MG/KG			J	Locale 1520, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1525	AAB5080	0	12	in	SS		0.412	0.0824	0.2472	0.1648	5.45		MG/KG			J	Locale 1520, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1527	AAB5080	0	12	in	SS		0.412	0.0824	0.2472	0.1648	5.45		MG/KG			J	Locale 1520, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1532	AAB5089	0	12	in	SS		0.6	0.12	0.36	0.24	5.45		MG/KG			J	Locale 1530, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1532	AAB5090	0	12	in	SS		0.543	0.1086	0.3258	0.2172	5.45		MG/KG	FD		J	Locale 1530, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1533	AAB5089	0	12	in	SS		0.6	0.12	0.36	0.24	5.45		MG/KG			J	Locale 1530, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1533	AAB5090	0	12	in	SS		0.543	0.1086	0.3258	0.2172	5.45		MG/KG	FD		J	Locale 1530, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1535	AAB5089	0	12	in	SS		0.6	0.12	0.36	0.24	5.45		MG/KG			J	Locale 1530, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1535	AAB5090	0	12	in	SS		0.543	0.1086	0.3258	0.2172	5.45		MG/KG	FD		J	Locale 1530, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1536	AAB5089	0	12	in	SS		0.6	0.12	0.36	0.24	5.45		MG/KG			J	Locale 1530, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1536	AAB5090	0	12	in	SS		0.543	0.1086	0.3258	0.2172	5.45		MG/KG	FD		J	Locale 1530, Pajarito Canyon	ICPMS	19265	37142	RAD
Uranium	27-1541	AAB5099	0	12	in	SS		3.52	0.235	0.705	2.815	5.45		MG/KG			J	Locale 1540, Pajarito Canyon	KPA	19948	35718	RAD
Uranium	27-1543	AAB5099	0	12	in	SS		3.52	0.235	0.705	2.815	5.45		MG/KG			J	Locale 1540, Pajarito Canyon	KPA	19948	35718	RAD
Uranium	27-1546	AAB5099	0	12	in	SS		3.52	0.235	0.705	2.815	5.45		MG/KG			J	Locale 1540, Pajarito Canyon	KPA	19948	35718	RAD
Uranium	27-1547	AAB5099	0	12	in	SS		3.52	0.235	0.705	2.815	5.45		MG/KG			J	Locale 1540, Pajarito Canyon	KPA	19948	35718	RAD
Uranium	27-1550	AAB5100	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Uranium	27-1551	AAB5101	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Uranium	27-1551	AAB5108	0	12	in	SS		2.19	0.15	0.45	1.74	5.45		MG/KG			J	Locale 1550, Pajarito Canyon	KPA	19948	35718	RAD
Uranium	27-1552	AAB5102	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Uranium	27-1553	AAB5103	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Uranium	27-1553	AAB5108	0	12	in	SS		2.19	0.15	0.45	1.74	5.45		MG/KG			J	Locale 1550, Pajarito Canyon	KPA	19948	35718	RAD

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	27-1554	AAB5104	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Uranium	27-1554	AAB5109	0	12	in	SS		2.42	0.165	0.495	1.925	5.45		MG/KG			J	Locale 1550, Pajarito Canyon	KPA	19948	35718	RAD
Uranium	27-1555	AAB5105	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Uranium	27-1556	AAB5106	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34326	RAD
Uranium	27-1556	AAB5109	0	12	in	SS		2.42	0.165	0.495	1.925	5.45		MG/KG			J	Locale 1550, Pajarito Canyon	KPA	19948	35718	RAD
Uranium	27-1557	AAB5107	0	6	in	SS					0							Locale 1550, Pajarito Canyon	XRF	18938	34325	RAD
Uranium	27-1562	AAB5118	0	12	in	SS		2.54	0.508	1.524	1.016	5.45		MG/KG				Locale 1560, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1564	AAB5118	0	12	in	SS		2.54	0.508	1.524	1.016	5.45		MG/KG				Locale 1560, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1565	AAB5118	0	12	in	SS		2.54	0.508	1.524	1.016	5.45		MG/KG				Locale 1560, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1566	AAB5118	0	12	in	SS		2.54	0.508	1.524	1.016	5.45		MG/KG				Locale 1560, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1570	AAB5127	0	12	in	SS		0.47	0.094	0.282	0.188	5.45		MG/KG				Locale 1570, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1570	AAB5127	0	12	in	SS		0.485	0.097	0.291	0.194	5.45		MG/KG		D		Locale 1570, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1572	AAB5127	0	12	in	SS		0.47	0.094	0.282	0.188	5.45		MG/KG				Locale 1570, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1572	AAB5127	0	12	in	SS		0.485	0.097	0.291	0.194	5.45		MG/KG		D		Locale 1570, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1573	AAB5127	0	12	in	SS		0.47	0.094	0.282	0.188	5.45		MG/KG				Locale 1570, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1573	AAB5127	0	12	in	SS		0.485	0.097	0.291	0.194	5.45		MG/KG		D		Locale 1570, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1576	AAB5127	0	12	in	SS		0.47	0.094	0.282	0.188	5.45		MG/KG				Locale 1570, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1576	AAB5127	0	12	in	SS		0.485	0.097	0.291	0.194	5.45		MG/KG		D		Locale 1570, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1580	AAB5128	0	6	in	SS					0							Locale 1580, Pajarito Canyon	XRF	19019	34311	RAD
Uranium	27-1580	AAB5136	0	12	in	SS		0.846	0.1692	0.5076	0.3384	5.45		MG/KG				Locale 1580, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1581	AAB5136	0	12	in	SS		0.846	0.1692	0.5076	0.3384	5.45		MG/KG				Locale 1580, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1583	AAB5136	0	12	in	SS		0.846	0.1692	0.5076	0.3384	5.45		MG/KG				Locale 1580, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1584	AAB5136	0	12	in	SS		0.846	0.1692	0.5076	0.3384	5.45		MG/KG				Locale 1580, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1591	AAB5138	0	6	in	SS					0							Locale 1590, Pajarito Canyon	XRF	19077	34313	RAD
Uranium	27-1591	AAB5145	0	12	in	SS		4.95	0.99	2.97	1.98	5.45		MG/KG				Locale 1590, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1593	AAB5145	0	12	in	SS		4.95	0.99	2.97	1.98	5.45		MG/KG				Locale 1590, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1594	AAB5146	0	12	in	SS		3.26	0.652	1.956	1.304	5.45		MG/KG				Locale 1590, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1595	AAB5146	0	12	in	SS		3.26	0.652	1.956	1.304	5.45		MG/KG				Locale 1590, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1600	AAB5155	0	12	in	SS		3.6	0.72	2.16	1.44	5.45		MG/KG				Locale 1600, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1602	AAB5155	0	12	in	SS		3.6	0.72	2.16	1.44	5.45		MG/KG				Locale 1600, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1603	AAB5155	0	12	in	SS		3.6	0.72	2.16	1.44	5.45		MG/KG				Locale 1600, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1606	AAB5155	0	12	in	SS		3.6	0.72	2.16	1.44	5.45		MG/KG				Locale 1600, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1610	AAB5156	0	6	in	SS		11	3.3	9.9	1.1	5.45		MG/KG				Locale 1610, Pajarito Canyon	XRF	19080	34320	RAD
Uranium	27-1610	AAB5164	0	12	in	SS		1.4	0.28	0.84	0.56	5.45		MG/KG				Locale 1610, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1611	AAB5164	0	12	in	SS		1.4	0.28	0.84	0.56	5.45		MG/KG				Locale 1610, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1613	AAB5164	0	12	in	SS		1.4	0.28	0.84	0.56	5.45		MG/KG				Locale 1610, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1616	AAB5164	0	12	in	SS		1.4	0.28	0.84	0.56	5.45		MG/KG				Locale 1610, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1620	AAB5173	0	12	in	SS		0.847	0.1694	0.5082	0.3388	5.45		MG/KG				Locale 1620, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1621	AAB5166	0	6	in	SS	<	8	0	0	8	5.45		MG/KG				Locale 1620, Pajarito Canyon	XRF	18929	34319	RAD
Uranium	27-1621	AAB5173	0	12	in	SS		0.847	0.1694	0.5082	0.3388	5.45		MG/KG				Locale 1620, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1624	AAB5173	0	12	in	SS		0.847	0.1694	0.5082	0.3388	5.45		MG/KG				Locale 1620, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1626	AAB5173	0	12	in	SS		0.847	0.1694	0.5082	0.3388	5.45		MG/KG				Locale 1620, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1630	AAB5174	0	3	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34330	RAD
Uranium	27-1630	AAB5182	0	12	in	SS		0.493	0.0986	0.2958	0.1972	5.45		MG/KG				Locale 1630, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1632	AAB5176	0	3	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34329	RAD
Uranium	27-1634	AAB5182	0	12	in	SS		0.493	0.0986	0.2958	0.1972	5.45		MG/KG				Locale 1630, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1635	AAB5179	0	2	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34330	RAD
Uranium	27-1635	AAB5182	0	12	in	SS		0.493	0.0986	0.2958	0.1972	5.45		MG/KG				Locale 1630, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1636	AAB5180	0	3	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34330	RAD

SAMPLING DATA FOR PRS 27-002

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium	27-1637	AAB5181	0	4	in	SS					0							Locale 1630, Pajarito Canyon	XRF	19072	34330	RAD
Uranium	27-1637	AAB5182	0	12	in	SS		0.493	0.0986	0.2958	0.1972	5.45		MG/KG				Locale 1630, Pajarito Canyon	ICPMS	18765	37505	RAD
Uranium	27-1640	AAB5191	0	12	in	SS		1.54	0.308	0.924	0.616	5.45		MG/KG				Locale 1640, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1641	AAB5191	0	12	in	SS		1.54	0.308	0.924	0.616	5.45		MG/KG				Locale 1640, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1642	AAB5191	0	12	in	SS		1.54	0.308	0.924	0.616	5.45		MG/KG				Locale 1640, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium	27-1643	AAB5191	0	12	in	SS		1.54	0.308	0.924	0.616	5.45		MG/KG				Locale 1640, Pajarito Canyon	ICPMS	19605	37295	RAD
Uranium-234	27-1007	AAB2461	0	12	in	SS		0.809	0.0545	0.1635	0.6455	1.94	13	PCI/G		D		firing pit 1-C	RAS	19481	31990	RAD
Uranium-234	27-1007	AAB2461	0	12	in	SS		0.872	0.06	0.18	0.692	1.94	13	PCI/G				firing pit 1-C	RAS	19481	31990	RAD
Uranium-234	27-1015	AAB2492	0	16	in	SS		2.014	0.124	0.372	1.642	1.94	13	PCI/G		D		firing pit 2-S	RAS	19480	31373	RAD
Uranium-234	27-1015	AAB2492	0	16	in	SS		2.25	0.1385	0.4155	1.8345	1.94	13	PCI/G				firing pit 2-S	RAS	19480	31373	RAD
Uranium-234	27-1015	AAB2494	25	36	in	SS		5.041	0.3015	0.9045	4.1365	1.94	13	PCI/G				firing pit 2-S	RAS	19480	31373	RAD
Uranium-234	27-1015	AAB2496	50	60	in	SS		1.707	0.106	0.318	1.389	1.94	13	PCI/G	FD			firing pit 2-S	RAS	19480	31373	RAD
Uranium-234	27-1015	AAB2497	50	60	in	SS		2.921	0.177	0.531	2.39	1.94	13	PCI/G	FD			firing pit 2-S	RAS	19480	31373	RAD
Uranium-234	27-1016	AAB2499	0	12	in	SS		1.682	0.105	0.315	1.367	1.94	13	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-234	27-1016	AAB2501	25	36	in	SS		4.811	0.288	0.864	3.947	1.94	13	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-234	27-1016	AAB2503	50	60	in	SS		9.669	0.572	1.716	7.953	1.94	13	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-234	27-1043	AAB4376	0	12	in	SS		0.516	0.0375	0.1125	0.4035	1.94	13	PCI/G				firing pit 4-NE	RAS	19481	31990	RAD
Uranium-234	27-1043	AAB4378	24	36	in	SS		0.694	0.048	0.144	0.55	1.94	13	PCI/G				firing pit 4-NE	RAS	19481	31990	RAD
Uranium-234	27-1043	AAB4380	48	66	in	SS		0.59	0.0415	0.1245	0.4655	1.94	13	PCI/G	FD			firing pit 4-NE	RAS	19481	31990	RAD
Uranium-234	27-1043	AAB4381	48	66	in	SS		0.541	0.039	0.117	0.424	1.94	13	PCI/G	FD			firing pit 4-NE	RAS	19481	31990	RAD
Uranium-234	27-1043	AAB4381	48	66	in	SS		0.559	0.04	0.12	0.439	1.94	13	PCI/G	FD	D		firing pit 4-NE	RAS	19481	31990	RAD
Uranium-234	27-1044	AAB4383	12	24	in	SS		0.595	0.042	0.126	0.469	1.94	13	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD
Uranium-234	27-1044	AAB4385	30	42	in	SS		0.43	0.0315	0.0945	0.3355	1.94	13	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD
Uranium-234	27-1044	AAB4387	48	60	in	SS		0.545	0.0385	0.1155	0.4295	1.94	13	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD
Uranium-234	27-1057	AAB4407	0	12	in	SS		1.529	0.1	0.3	1.229	1.94	13	PCI/G				firing pit 5-C	RAS	19474	31649	RAD
Uranium-234	27-1057	AAB4409	32	42	in	SS		1.216	0.0815	0.2445	0.9715	1.94	13	PCI/G				firing pit 5-C	RAS	19474	31649	RAD
Uranium-234	27-1057	AAB4411	48	60	in	SS		0.426	0.0335	0.1005	0.3255	1.94	13	PCI/G	FD			firing pit 5-C	RAS	19474	31649	RAD
Uranium-234	27-1057	AAB4411	48	60	in	SS		0.507	0.036	0.108	0.399	1.94	13	PCI/G	FD	D		firing pit 5-C	RAS	19474	31649	RAD
Uranium-234	27-1057	AAB4412	48	60	in	SS		0.482	0.034	0.102	0.38	1.94	13	PCI/G	FD	D		firing pit 5-C	RAS	19474	31649	RAD
Uranium-234	27-1057	AAB4412	48	60	in	SS		0.507	0.039	0.117	0.39	1.94	13	PCI/G	FD			firing pit 5-C	RAS	19474	31649	RAD
Uranium-234	27-1060	AAB4426	0	12	in	SS		0.827	0.056	0.168	0.659	1.94	13	PCI/G				firing pit 5-S	RAS	19481	31990	RAD
Uranium-234	27-1060	AAB4428	24	36	in	SS		0.793	0.054	0.162	0.631	1.94	13	PCI/G				firing pit 5-S	RAS	19481	31990	RAD
Uranium-234	27-1060	AAB4430	48	66	in	SS		0.489	0.0355	0.1065	0.3825	1.94	13	PCI/G				firing pit 5-S	RAS	19481	31990	RAD
Uranium-235	27-1007	AAB2461	0	12	in	SS		0.041	0.007	0.021	0.02	0.084	10	PCI/G				firing pit 1-C	RAS	19481	31990	RAD
Uranium-235	27-1007	AAB2461	0	12	in	SS		0.059	0.008	0.024	0.035	0.084	10	PCI/G		D		firing pit 1-C	RAS	19481	31990	RAD
Uranium-235	27-1015	AAB2492	0	16	in	SS		0.088	0.0095	0.0285	0.0595	0.084	10	PCI/G		D		firing pit 2-S	RAS	19480	31373	RAD
Uranium-235	27-1015	AAB2492	0	16	in	SS		0.122	0.0125	0.0375	0.0845	0.084	10	PCI/G				firing pit 2-S	RAS	19480	31373	RAD
Uranium-235	27-1015	AAB2494	25	36	in	SS		0.232	0.0195	0.0585	0.1735	0.084	10	PCI/G				firing pit 2-S	RAS	19480	31373	RAD
Uranium-235	27-1015	AAB2496	50	60	in	SS		0.072	0.0085	0.0255	0.0465	0.084	10	PCI/G	FD			firing pit 2-S	RAS	19480	31373	RAD
Uranium-235	27-1015	AAB2497	50	60	in	SS		0.128	0.0125	0.0375	0.0905	0.084	10	PCI/G	FD			firing pit 2-S	RAS	19480	31373	RAD
Uranium-235	27-1016	AAB2499	0	12	in	SS		0.079	0.009	0.027	0.052	0.084	10	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-235	27-1016	AAB2501	25	36	in	SS		0.207	0.018	0.054	0.153	0.084	10	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-235	27-1016	AAB2503	50	60	in	SS		0.419	0.0315	0.0945	0.3245	0.084	10	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-235	27-1043	AAB4376	0	12	in	SS		0.029	0.0055	0.0165	0.0125	0.084	10	PCI/G				firing pit 4-NE	RAS	19481	31990	RAD
Uranium-235	27-1043	AAB4378	24	36	in	SS		0.032	0.0055	0.0165	0.0155	0.084	10	PCI/G				firing pit 4-NE	RAS	19481	31990	RAD
Uranium-235	27-1043	AAB4380	48	66	in	SS		0.027	0.005	0.015	0.012	0.084	10	PCI/G	FD			firing pit 4-NE	RAS	19481	31990	RAD
Uranium-235	27-1043	AAB4381	48	66	in	SS		0.027	0.0055	0.0165	0.0105	0.084	10	PCI/G	FD			firing pit 4-NE	RAS	19481	31990	RAD
Uranium-235	27-1043	AAB4381	48	66	in	SS		0.032	0.0055	0.0165	0.0155	0.084	10	PCI/G	FD	D		firing pit 4-NE	RAS	19481	31990	RAD
Uranium-235	27-1044	AAB4383	12	24	in	SS		0.027	0.005	0.015	0.012	0.084	10	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD

SAMPLING DATA FOR PRS 27-002

Analyte	Loc ID	Sample ID	Begin	End	Units	Mat	Sym	Sample Value	Uncertainty	3 Sigma	Comp Value	BKGD Value	Sal Value	Units	Field Code	Lab Code	EPA Qual	Sample Location	Tech Code	Request Num	Report num	Suite
Uranium-235	27-1044	AAB4385	30	42	in	SS		0.014	0.003	0.009	0.005	0.084	10	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD
Uranium-235	27-1044	AAB4387	48	60	in	SS		0.023	0.0045	0.0135	0.0095	0.084	10	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD
Uranium-235	27-1057	AAB4407	0	12	in	SS		0.041	0.0075	0.0225	0.0185	0.084	10	PCI/G				firing pit 5-C	RAS	19474	31649	RAD
Uranium-235	27-1057	AAB4409	32	42	in	SS		0.054	0.0085	0.0255	0.0285	0.084	10	PCI/G				firing pit 5-C	RAS	19474	31649	RAD
Uranium-235	27-1057	AAB4411	48	60	in	SS		0.018	0.0045	0.0135	0.0045	0.084	10	PCI/G	FD			firing pit 5-C	RAS	19474	31649	RAD
Uranium-235	27-1057	AAB4411	48	60	in	SS		0.023	0.0045	0.0135	0.0095	0.084	10	PCI/G	FD	D		firing pit 5-C	RAS	19474	31649	RAD
Uranium-235	27-1057	AAB4412	48	60	in	SS		0.023	0.0045	0.0135	0.0095	0.084	10	PCI/G	FD	D		firing pit 5-C	RAS	19474	31649	RAD
Uranium-235	27-1057	AAB4412	48	60	in	SS		0.02	0.005	0.015	0.005	0.084	10	PCI/G	FD			firing pit 5-C	RAS	19474	31649	RAD
Uranium-235	27-1060	AAB4426	0	12	in	SS		0.047	0.007	0.021	0.026	0.084	10	PCI/G				firing pit 5-S	RAS	19481	31990	RAD
Uranium-235	27-1060	AAB4428	24	36	in	SS		0.047	0.007	0.021	0.026	0.084	10	PCI/G				firing pit 5-S	RAS	19481	31990	RAD
Uranium-235	27-1060	AAB4430	48	66	in	SS		0.025	0.005	0.015	0.01	0.084	10	PCI/G				firing pit 5-S	RAS	19481	31990	RAD
Uranium-238	27-1007	AAB2461	0	12	in	SS		0.847	0.057	0.171	0.676	1.82	67	PCI/G		D		firing pit 1-C	RAS	19481	31990	RAD
Uranium-238	27-1007	AAB2461	0	12	in	SS		0.833	0.0575	0.1725	0.6605	1.82	67	PCI/G				firing pit 1-C	RAS	19481	31990	RAD
Uranium-238	27-1015	AAB2492	0	16	in	SS		1.966	0.121	0.363	1.603	1.82	67	PCI/G		D		firing pit 2-S	RAS	19480	31373	RAD
Uranium-238	27-1015	AAB2492	0	16	in	SS		2.324	0.1425	0.4275	1.8965	1.82	67	PCI/G				firing pit 2-S	RAS	19480	31373	RAD
Uranium-238	27-1015	AAB2494	25	36	in	SS		4.932	0.295	0.885	4.047	1.82	67	PCI/G				firing pit 2-S	RAS	19480	31373	RAD
Uranium-238	27-1015	AAB2496	50	60	in	SS		1.705	0.106	0.318	1.387	1.82	67	PCI/G	FD			firing pit 2-S	RAS	19480	31373	RAD
Uranium-238	27-1015	AAB2497	50	60	in	SS		2.977	0.1805	0.5415	2.4355	1.82	67	PCI/G	FD			firing pit 2-S	RAS	19480	31373	RAD
Uranium-238	27-1016	AAB2499	0	12	in	SS		1.642	0.103	0.309	1.333	1.82	67	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-238	27-1016	AAB2501	25	36	in	SS		5	0.299	0.897	4.103	1.82	67	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-238	27-1016	AAB2503	50	60	in	SS		9.838	0.582	1.746	8.092	1.82	67	PCI/G				firing pit 2-C	RAS	19480	31373	RAD
Uranium-238	27-1043	AAB4376	0	12	in	SS		0.529	0.038	0.114	0.415	1.82	67	PCI/G				firing pit 4-NE	RAS	19481	31990	RAD
Uranium-238	27-1043	AAB4378	24	36	in	SS		0.633	0.044	0.132	0.501	1.82	67	PCI/G				firing pit 4-NE	RAS	19481	31990	RAD
Uranium-238	27-1043	AAB4380	48	66	in	SS		0.568	0.0405	0.1215	0.4465	1.82	67	PCI/G	FD			firing pit 4-NE	RAS	19481	31990	RAD
Uranium-238	27-1043	AAB4381	48	66	in	SS		0.534	0.0385	0.1155	0.4185	1.82	67	PCI/G	FD			firing pit 4-NE	RAS	19481	31990	RAD
Uranium-238	27-1043	AAB4381	48	66	in	SS		0.592	0.042	0.126	0.466	1.82	67	PCI/G	FD	D		firing pit 4-NE	RAS	19481	31990	RAD
Uranium-238	27-1044	AAB4383	12	24	in	SS		0.586	0.0415	0.1245	0.4615	1.82	67	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD
Uranium-238	27-1044	AAB4385	30	42	in	SS		0.349	0.0265	0.0795	0.2695	1.82	67	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD
Uranium-238	27-1044	AAB4387	48	60	in	SS		0.527	0.0375	0.1125	0.4145	1.82	67	PCI/G				firing pit 4-NW	RAS	19481	31990	RAD
Uranium-238	27-1057	AAB4407	0	12	in	SS		1.604	0.104	0.312	1.292	1.82	67	PCI/G				firing pit 5-C	RAS	19474	31649	RAD
Uranium-238	27-1057	AAB4409	32	42	in	SS		1.227	0.082	0.246	0.981	1.82	67	PCI/G				firing pit 5-C	RAS	19474	31649	RAD
Uranium-238	27-1057	AAB4411	48	60	in	SS		0.495	0.035	0.105	0.39	1.82	67	PCI/G	FD	D		firing pit 5-C	RAS	19474	31649	RAD
Uranium-238	27-1057	AAB4411	48	60	in	SS		0.466	0.0355	0.1065	0.3595	1.82	67	PCI/G	FD			firing pit 5-C	RAS	19474	31649	RAD
Uranium-238	27-1057	AAB4412	48	60	in	SS		0.543	0.038	0.114	0.429	1.82	67	PCI/G	FD	D		firing pit 5-C	RAS	19474	31649	RAD
Uranium-238	27-1057	AAB4412	48	60	in	SS		0.523	0.04	0.12	0.403	1.82	67	PCI/G	FD			firing pit 5-C	RAS	19474	31649	RAD
Uranium-238	27-1060	AAB4426	0	12	in	SS		0.851	0.0575	0.1725	0.6785	1.82	67	PCI/G				firing pit 5-S	RAS	19481	31990	RAD
Uranium-238	27-1060	AAB4428	24	36	in	SS		0.86	0.058	0.174	0.686	1.82	67	PCI/G				firing pit 5-S	RAS	19481	31990	RAD
Uranium-238	27-1060	AAB4430	48	66	in	SS		0.518	0.037	0.111	0.407	1.82	67	PCI/G				firing pit 5-S	RAS	19481	31990	RAD

APPENDIX E

METHODOLOGIES FOR DEVELOPMENT OF SITE-SPECIFIC PRELIMINARY REMEDIATION GOALS

APPENDIX E

METHODOLOGIES FOR DEVELOPMENT OF SITE-SPECIFIC PRELIMINARY REMEDIATION GOALS

1.0 RESRAD PARAMETERS

The preliminary remediation goals (PRGs) for several radionuclides were calculated for a nonintrusive industrial exposure scenario and a 15 mrem/yr dose limit using RESRAD (version 5.61) and Laboratory site-specific parameters. The site-specific RESRAD parameters used with the model are presented in Table E-1.

2.0 MULTIPLE CHEMICAL PRG ANALYSIS

When two or more COPCs are present at a site at concentrations that equivalent or below their respective PRGs, a multiple chemical PRG risk analysis is conducted to determine if a health risk may exist for a combination of chemicals. The multiple chemical PRG risk analysis is performed by adding together the fractional contributions (i.e., site-specific concentration/PRG) of each chemical or radionuclide. The site-specific concentration will be based on the maximum or 95% upper confidence level (UCL) of the arithmetic mean. For exposure to residual radioactivity, the fractional contribution of each will be summed and multiplied by the 15 mrem/yr target exposure level:

$$\textit{Multiple PRG Exposure Level} = [(\text{dose}_x/\text{PRG}_x) + (\text{dose}_y/\text{PRG}_y) + (\text{dose}_z/\text{PRG}_z)] \times 15 \text{ mrem/yr}$$

If the multiple PRG risk is equivalent or below the target exposure level of 15 mrem/yr, then the site will be considered to meet cleanup criteria for exposure to residual radioactivity.

TABLE E-1
SITE-SPECIFIC EXPOSURE PARAMETERS FOR RESRAD

Parameters	Units	Nonintrusive Industrial Scenario Values*
Area of contaminated zone	m^2	10,000
Thickness of contaminated zone	m	3
Length parallel to aquifer flow	m	100
Basic radiation dose limit	mrem/yr	15
Time since placement of material	yr	0
Cover depth	m	0
Density of contaminated zone	g/cm^3	1.6
Contaminated zone erosion rate	m/yr	0.001
Contaminated zone total porosity		0.4
Contaminated zone effective porosity		0.2
Contaminated zone hydraulic	m/yr	440
Contaminated zone b parameter		4.05
Evapotranspiration coefficient		0.999
Humidity in air	g/cm^3	8
Precipitation	m/yr	0.48
Irrigation	m/yr	0
Irrigation mode		overhead
Runoff coefficient		0.52
Watershed area for nearby stream or pond	m**2	2.7E+07
Accuracy for water/soil computations		0.001
Density of saturated zone	g/cm**3	1.6
Saturated zone total porosity		0.3
Saturated zone effective porosity		0.3
Saturated zone hydraulic conductivity	m/yr	100
Saturated zone hydraulic gradient		0.02
Saturated zone b parameter		4.05
Water table drop rate	m/yr	0.3
Well pump intake depth	m	10
Model: Nondispersion (ND) or Mass-Balance (MB)		ND
Well pumping rate	m^3/yr	250
No. of unsaturated zone strata		2
Unsaturated zone 1 thickness	m	260
Unsaturated zone 1 soil density	g/c^3	1.6
Unsaturated zone 1 total porosity		0.5
Unsaturated zone 1 effective porosity		0.4
Unsaturated zone 1 soil-specific b parameter		4.05
Unsaturated zone 1 hydraulic conductivity	m/yr	3
Unsaturated zone 2 thickness	m	100
Unsaturated zone 2 soil density	g/c^3	1.6
Unsaturated zone 2 total porosity		0.5
Unsaturated zone 2 effective porosity		0.4
Unsaturated zone 2 soil-specific b parameter		4.05
Unsaturated zone 2 hydraulic conductivity	m/yr	370
Inhalation rate	m^3/yr	14,900

* Pathways evaluated include soil ingestion, inhalation, and external gamma.

TABLE E-1
SITE-SPECIFIC EXPOSURE PARAMETERS FOR RESRAD

Parameters	Units	Nonintrusive Industrial Scenario Values*
Mass loading for inhalation	g/m^3	9E-05
Dilution length for airborne dust, inhalation	m	3.0
Exposure duration	yr	25
Shielding factor, inhalation		0.4
Shielding factor, external gamma		0.7
Fraction of time spent indoors		0
Fraction of time spent outdoors		0.23
Shape factor flag, external gamma		1.0
Soil ingestion rate	g/yr	36.5
Depth of soil mixing layer	m	0.15
Drinking water fraction from ground water		1.0
Thickness of building foundation	m	0.15
Bulk density of building foundation	g/cm^3	2.4
Total porosity od cover material		0.4
Total porosity of the building foundation		0.1
Volumetric water content of cover		0.05
Volumetric water content of the foundation		0.03
Diffusion coefficient for radon gas:		
in cover	m/sec	2E-06
in foundation material	m/sec	3E-07
in contaminated zone soil	m/sec	2E-06
Radon vertical dimension of mixing	m	2.0
Average annual wind speed	m/sec	3.0
Average building air exchange rate	1/hr	1.0
Height of the building interior	m	2.5
Building interior area factor		0
Building depth below ground surface	m	-1
Emanating power of Rn-222 gas		0.25
Emanating power of Rn-220 gas		0.15

* Pathways evaluated include soil ingestion, inhalation, and external gamma.