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Analytical Data Report for Sediment Samples Collected From 116-KE-3 and UPR-100-K-1; Boreholes C8796 and C8797

March 2016

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GV Last
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U.S. DEPARTMENT OF ENERGY

Prepared for the U.S. Department of Energy
under Contract DE-AC05-76RL01830

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Abstract

CH2M Hill Plateau Remediation Company requested the services of Pacific Northwest National Laboratory to perform contaminant leach testing on samples from two boreholes, C8796 and C8797, installed near the 105-KE Reactor on the Hanford Site. These tests consisted of flow through column tests on both intact (field texture) splitspoon liner samples and <2 mm repacked columns, batch desorption tests, and ion exchange experiments. In addition, hydraulic and physical property characterization was performed.

Acknowledgments

Numerous individuals contributed to this work. Ian Leavy, Steven Baum, Christian Iovin, and Erin McElroy performed the inductively coupled plasma – optical emission spectroscopy and ion chromatography analyses. Ian Leavy and Steven Baum also developed and qualified a new Cr(IV) analytical method using inductively coupled plasma – mass spectrometry. Lori Darnell and Chuck Soderquist performed the Sr-90 analyses. Mike Cantaloub conducted the Cs-137 analyses. Truc Trang-Le provided independent technical review of the radiochemical results. Keith Geizler, Amada Lawter, and Nik Qafoku provided independent technical reviews of the experiments and chemical analyses. Nik Qafoku also provided a technical review of this report. Matt Wilburn provided editorial and document production support.

Acronyms and Abbreviations

CAW	*Conducting Analytical Work in Support of Regulatory Programs*
COC	chain of custody
DDI	double deionized
EQL	estimated quantification limits
ESL	Environmental Science Laboratory
ICP-OES	inductively coupled plasma – optical emission spectroscopy
IC	ion chromatography
PNNL	Pacific Northwest National Laboratory
QA	quality assurance

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1.0 Introduction

CH2M Hill Plateau Remediation Company requested the services of Pacific Northwest National Laboratory (PNNL), under contract 49517-27, to perform contaminant leach testing on samples from two boreholes, C8796 and C8797, installed near the 105-KE Reactor (Figure 1.1) at the Hanford Site. This work is needed to determine mobility of contaminants of interest within the vadose zone and shallow unconfined aquifer as described in the *Sampling Instruction for Supplementary Characterization of UPR-100-K-I and 116-KE-3 Waste Sites* (Jacques 2014).

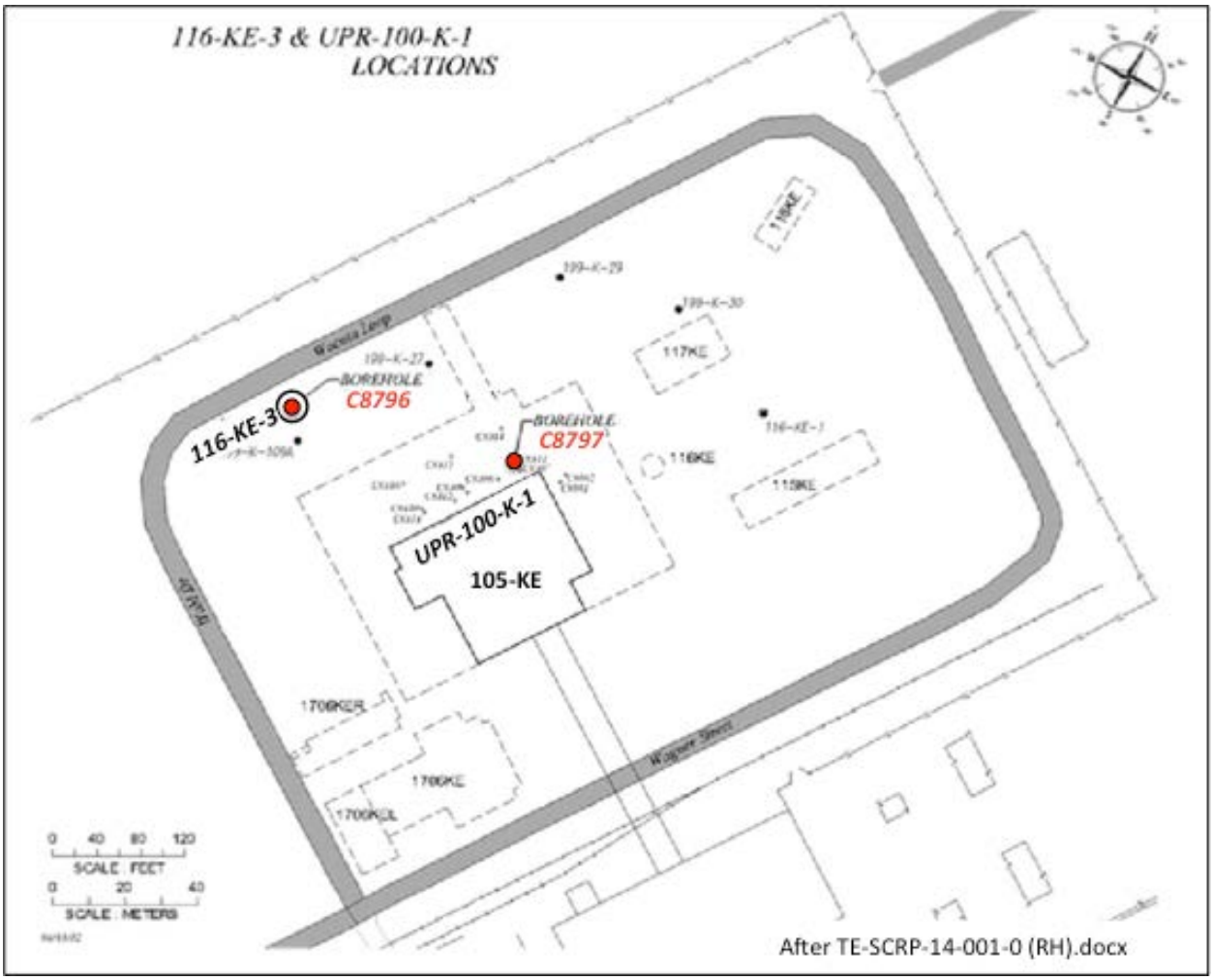

Figure 1.1. Location Map, after Brock 2015[1].

Contaminant leach testing consisted of flow through column tests on both intact (field texture) splitspoon liner samples and <2 mm repacked column s, batch desorption tests, and ion-exchange experiments. Hydraulic and physical property characterization was also performed. Data from these tests will be used to refine the conceptual site model for these waste sites and support numerical modeling to

[1] Brock C. 2015. CHPRC Radiation Protection Technical Evaluation: Technical Evaluation for drilling boreholes in UPR-100-K-1 and 116-KE-3 waste sites. TE-SGRP-14-001-0. DRAFT.

determine if leaving the contamination in place for the duration of the 105-KE interim safe storage period will protect groundwater and surface water.

2.0 Background

Boreholes C8796 and C8797 were installed at two different waste sites, 116-KE-3, and UPR-100-K-1, respectively. A brief description of these sites is provided below.

2.1 116-KE-3

The 116-KE-3 waste site is an engineered structure that received contaminated cooling water from the 105-KE fuel storage basin during 105-KE Reactor operation from 1955 through 1971 (Jacques 2014). The waste site was originally constructed to dispose of water that accumulated in the sub-basin drainage area, and was later modified to be an overflow for drainage from the fuel storage basin.

This site is located approximately 23 m (75 ft) north of the 105-KE Reactor building, and during operations consisted of a drain field with an injection/reverse well in the center that extended below the water table, allowing contaminated cooling water to discharge directly into the unconfined aquifer. Remedial actions removed soils to a depth of about 12.5 m (41 ft) below grade and the area was covered with clean soil. However, radiological contamination up to 1,000,000 dpm beta/gamma/100 cm^2 remained (Jacques 2014).

Borehole C8796 (located near the center of this waste site) was drilled and sampled in May and June 2015, using core barrel and splitspoon sampling techniques in accordance with Jacques 2014.

2.2 UPR-100-K-1

The UPR-100-K-1 (105-KE Fuel Storage Basin Leak) waste site resulted from an unplanned release of highly radioactive cooling water from a failed construction joint between 105-KE Reactor and the discharge chute of the fuel storage basin (Jacques 2014; Shearer 2014). The leak was first discovered in the early 1970s and continued until at least May 1980 (Jacques 2014).

Remedial actions removed the fuel storage basin except for an area around the discharge chute and a small portion of the leachate system. Three tenths of a meter (1 ft) of clean soil was placed over contaminated soil left behind in the excavation. Boreholes were drilled to evaluate the subsurface soil conditions. Cobalt-60, strontium-90, cesium-137, and small amounts of plutonium were noted in the soil beneath the 105-KE fuel storage basin (Shearer 2014). The results indicated significant residual radioactivity underneath the footprint of the basin.

Borehole C8797 was drilled and sampled in July and August 2015, using core barrel and splitspoon sampling techniques in accordance with Jacques 2014.

3.0 Sample Inspection and Preparation

Two batches of selected samples from each borehole were received at PNNL's Environmental Science Laboratory (ESL) in the 331 Building. Samples were received with a chain of custody (COC) and with custody seals intact. Discrepancies were found between the sample depths on the sample labels and those listed on the COC forms, but these were easily resolved. The samples were analyzed according to the sample identification numbers on the COC forms. All samples were refrigerated upon receipt until prepared for analysis.

Selected samples from borehole C8796 were received on July 17, 2015. A review of the COC forms found that the maximum activity levels for these samples (20,000 dpm) fell within the radiation work permit limits for conducting the leach testing in the 331 Building. Four samples were received representing two sampling intervals:

- B31F23 - 46.1-48.6 ft (splitspoon liner sample)
- B31F24 - 49.5-50.5 ft (1-liter jar sample)
- F30RF3 - 49.5-51 ft (1-liter jar sample)
- B31F25 - 50.5-51.4 ft (1-liter jar sample)

Three 1-liter jar samples, B31F24, F30RF3, and B31F25, were determined to represent a single sample interval (49.5-51.4 ft) and were composited.[1] Sample B31F23, a 15 cm (6 in) long splitspoon liner sample (liner C), represented the second sample interval (46.1-48.6 ft) for this borehole.

A second set of samples, from borehole C8797, was received on October 15, 2015. Four samples were received, representing four separate sample intervals:

- B31VH2 – 24.1-26.5 ft (1-liter jar sample)
- B31VM4 – 68.1-68.6 ft (splitspoon liner sample)
- B31VN3 – 71.6-72.5 ft (1-liter jar sample)
- B31VR1 – 86.2-86.7 ft (splitspoon liner sample)

These samples were more radiologically contaminated than the first batch, with maximum activity levels of 800,000 dpm reported on the COC forms. These levels still fell within the radiation work permit limits for leach testing in the 331 Building. However, direct radiological surveys after the samples were opened revealed 1 M dpm on one of the two 1-liter jar samples (B31VH2), exceeding the normal radiation work permit limits for leach testing in the 331 Building. It was determined, however, that with additional controls the samples could be handled within a high contamination area (HCA) regulated fume hood in the 331 Building.

Following sample receipt and inspection, all samples were photographed, visually described, and prepared for testing. A side from the splitspoon liner samples was selected for intact (field-texture) column testing, and samples (e.g., 1-liter jar samples) for a given depth interval were composited, air

[1] Personal communication via email from Randy Hermann to George Last and Sunil Mehta, dated July 20, 2015.

dried, sieved, and homogenized (as appropriate) to produce aliquots of <2 mm sized material for use in all other leach tests.

4.0 Test Methodology

Table 4.1 lists the samples, preparations, and tests performed on each sample. Each testing methodology is described after the table.

Table 4.1. Tests Selected for Each Borehole Sample

Borehole	Sample ID	Depth Interval (ft)	Preparation	Initial Concentration (8 M nitric acid extraction)	Flow Through Column Leach Test	Batch Leach Test	Cation Exchange Capacity	Physical Property Characterization
C8796	B31F23	46.1-48.6	Field Texture		X	X		X
	B31F24	49.5-50.5	< 2 mm Composite	X	X	X	X	X
	F30RF3	49.5-51						
	B31F25	50.5-51.4						
C8797	B31VH2	24.1-26.5	Field Texture					X
			< 2 mm	X	X	X	X	X
	B31VM4	66.9-69.1	Field Texture		X			X
	B31VN3	71.6-72.5	Field Texture					X
			< 2 mm	X	X	X	X	X
	B31VR1	84.7-87.2	Field Texture		X			X

4.1 Initial Sediment Concentration Testing

Samples were evaluated for their total contaminant concentrations using 8 M nitric acid to extract contamination off the sediment. Leachate samples from these batch acid extractions were analyzed for Cs-137 and Sr-90, and major cations.

4.2 Contaminant Leach Testing

Contaminant leaching tests were conducted to quantify the leachability of Cs-137 and Sr-90. Both batch and column experiments were conducted. The leachant used in these experiments was a synthetic groundwater.

4.2.1 Leachate Composition

The leachate composition used for both the batch and column leaching experiments was a synthetic (simulated) groundwater recipe used by Dresel et al. (2008) and Qafoku et al. (2011) (see Table 4.2). Note that once the columns were saturated a bromide tracer was added to the synthetic groundwater.

Table 4.2. Recipe for Synthetic Groundwater (after Dresel et al. 2008 and Qafoku et al. 2011)

Order of Addition	Concentration (Molar)	Reagent	Molecular Weight (g/M)	Quantity of Reagent to Add (g/L)
1	2.86E-04	$Ca(NO_3)_2 \bullet 4H_2O$	236.150	0.067
2	6.04E-04	$NaHCO_3$	84.007	0.051
3	5.29E-04	$MgSO_4$	120.372	0.064
4	1.11E-05	Na_2CO_3	105.989	0.001
5	4.29E-04	$KHCO_3$	100.119	0.043
6	4.51E-04	Na_2SO_4	142.042	0.064
7	3.12E-04	$CaBr_2$	199.898	0.062

Adjust pH to 8.05 (±0.04)

* For column experiments, the Br was added as $CaBr_2$ following column saturation.

4.2.2 Column Leach Experiments

Column leach experiments were conducted using three intact (field texture) splitspoon liner samples and three repacked columns containing only the < 2 mm size material from three sample intervals. The repacked columns were prepared using 15.2 cm (6 inch) long and 2.5 cm (1-inch) diameter glass columns. The column experiments were run for approximately 10 pore volumes, using stop flow methodology; see Table 4.3.

Table 4.3. Flow Through Column Test Parameters

Borehole	Samples ID	Depth Interval (ft)	Preparation	Bulk Density (g/cm^3)	Porosity	Average Flow Rate (cm^3/min)	Average Pore Water Velocity (cm/day)	Pore Volumes
C8796	B31F23	46.1 - 48.6	Field Texture	2.03	0.24	0.79	66.2	8
	B31F24	49.5-50.5	< 2 mm Composite	1.76	0.33	0.093	81.2	16
	F30RF3	49.5-51						
	B31F25	50.5-51.4						
C8797	B31VH2	24.1-26.2	Field Texture	NP	NP	NP	NP	NP
			< 2 mm	1.59	0.45	0.093	60.8	8
	B31VM4	68.1-68.6	Field Texture	2.07	0.23	0.89	78.2	12
	B31VN3	71.6-72.5	Field Texture	NP	NP	NP	NP	NP
			< 2 mm	1.90	0.30	0.092	88.9	11
	B31VR1	86.2-86.7	Field Texture	2.23	0.16	0.85	109	22

NP = not performed

4.2.2.1 <2 mm Repacked Column Experiments

Repacked <2 mm fraction column desorption experiments were conducted on three selected sample intervals (a composite of samples B31F24, B30RF3 and B31F24; sample B31VH29 and sample B31VN3). Glass columns 15.2 cm (6 inches) long and 2.5 cm (1 inch) in diameter were repacked with the <2 mm size fraction material from these sample intervals, to a bulk density of approximately 1.75 g/cm^3 (Figure 4.1). The bulk density and porosity were determined for each of the three columns.

Figure 4.1. <2 mm Repacked Column

The columns were first fully saturated by percolating synthetic groundwater in an upflow direction to remove as much trapped air as possible. The column leach tests were started using a bromide tracer and a flowrate of approximately 0.093 cm^3/min, yielding porewater velocities of about 68 to 89 cm/day (similar to that used by Qafoku et al. [2011]). The column flow tests were run for a total of about 10 pore volumes with two stop flow events, one at about 4 pore volumes for 48 hours and one at about 7 pore volumes for 72 hours. At the end of the test, the bromide tracer was stopped and the flow test continued for another 2 or 3 pore volumes to elute the bromide.

Effluent samples were collected throughout the tests, to be analyzed for Sr-90, Cs-137, hexavalent chromium, major cations, major anions, pH, alkalinity, and bromide.

4.2.2.2 Intact Splitspoon Liner Column Experiments

Column desorption experiments were conducted on three selected intact core samples (B31F23, B31VM4, and B31VR1). These 15.2 cm (6 inch) long by 10.2 cm (4 inch) diameter liners were fitted with end caps, then fully saturated with synthetic groundwater, in an upflow direction. Where necessary, the ends of the intact cores were packed with glass beads to eliminate void space and minimize preferential flow. The void spaces were not used when calculating volume and mass of the core. The bulk density and porosity were determined for each of the three columns.

Once saturation was complete, the leach test was started with the synthetic groundwater containing a bromide tracer. A flowrate of approximately 0.85 cm^3/min, yielding porewater velocities of about 65 cm/day (similar to that used for the repacked columns described above) was used for a total of about 10 pore volumes with two stop flow events, one at about 4 pore volumes for 48 hours and one at about 7 pore volumes for 72 hours. At the end of this test, the bromide tracer was stopped and the flow test continued for another 2 or 3 pore volumes to elute the bromide.

Effluent samples were collected throughout the tests, to be analyzed for Sr-90, Cs-137, hexavalent chromium, major cations, major anions, pH, alkalinity, and bromide.

After the desorption part of the intact core sample testing was completed, the hydraulic conductivity testing was performed in accordance with ASTM D5084 and/or ASTM D2434.

4.2.3 Batch Leach Experiments

Batch leach experiments were conducted using approximately 10 g of <2 mm size material and approximate 20 mL of synthetic groundwater (for a solid-to-solution ratio of 1:2). Individual experiments were conducted at three different contact periods (3 day, 7 days, and 14 days). At the end of the defined contact period, the samples were filtered using a 0.45-μm filter, and the effluent submitted for analyses.

4.3 Effluent Analyses

Selected effluent samples from each leach experiment were analyzed for Sr-90, Cs-137, total chromium, hexavalent chromium, major cations, major anions, pH, and alkalinity. Strontium-90 and Cs-137 analyses were performed in the 325 Building. All other analyses were performed at the 331 Building. All analyses were performed according to PNNL approved procedures and/or nationally recognized test procedures. The data sets include the sample identification numbers, analytical results, estimated quantification limits, and quality control data.

The preparatory and analytical quality control requirements, calibration requirements, acceptance criteria, and failure actions are defined in the online quality assurance (QA) plan *Conducting Analytical Work in Support of Regulatory Programs* (CAWSRP). This QA plan implements the Hanford Analytical Services Quality Assurance Requirements Documents for PNNL.

4.4 Physical Property Characterization

Aside from saturated hydraulic conductivity measurements made on the field textured column samples and particle size distribution, other physical property characterization included porosity, bulk density, particle density, moisture content and cation exchange capacity. The specific testing for each sample is indicated in Table 4.4.

Table 4.4. List of Hydraulic and Physical Property Analyses

Borehole	Sample ID	Saturated Hydraulic Conductivity	Porosity	Bulk Density	Particle Size	Particle Density	Moisture Content	Cation Exchange Capacity
C8796	B31F23	X				X		
	B31F24, F30RF3, B31F25 Composite, <2 mm		X	X		X	X	X
C8796	B31VH2				X			
	B31VH2, < 2mm		X			X	X	
	B31VN3				X			
	B31VN3, <2 mm		X			X	X	
	B31VM4	X			X	X		
	B31VR1	X			X	X		

Samples selected for particle analyses were air dried and then sieved. Two main size fractions were collected: >2 mm and <2 mm. The >2 mm fraction was dry sieved through a set of nested sieves. The total weight of the sample along with the weights of each size fraction. The <2 mm size fraction was then used for further particle size analysis by laser diffraction.

Samples selected/prepared for the batch and <2 mm column experiments were analyzed for particle density and cation exchange capacity measurements using only the <2 mm size fraction.

4.4.1 Cation Exchange Capacity

The cation exchange capacity was measured using approximately 10 to 15 g of soil added to a centrifuge tube. A total of 35 mL of 1 M ammonium acetate solution was added to each sample and the samples were placed on an orbital shaker for 18 to 24 hours. After the samples were centrifuged, the solution was decanted and filtered prior to submittal for major cation (inductively coupled plasma – optical emission spectroscopy) analysis.

4.4.2 Particle Density

Particle density was measured using 10 g of the <2 mm size fraction of soil added to a 50 mL volumetric flask. Double deionized (DDI) water was added to each flask until it was approximately half full. Entrapped air within the flasks was removed by placing the flasks in a desiccator connected to a vacuum pump. After the air was removed, the flasks were filled to the 50 mL mark using de-aired water. Weight and temperature were recorded. An additional measurement of the same flasks with only de-aired DDI water in them was also recorded to calculate particle densities.

5.0 Results and Quality Control

Analytical and quality control results are provided in the appendix. Some of the analytical results from the column tests, including cesium, strontium, and chromium, are included in tables in the Leach Testing Results section below. The prescribed holding times, defined as the time from sample

preparation to the time of analyses, were met for all analytes. All reported analytical results meet the requirements of the CAWSRP or client-specified statement of work.

6.0 Summary of Leach Testing Results

A brief summary of the results is provided without interpretation.

6.1 Initial Sediment Concentrations

Table 6.1 summarizes the key initial concentration data.

Table 6.1. Initial Concentrations of Sr-90 and Cs-137, based on 8 M Nitric Acid Extractions

Borehole	Sample ID	Sr-90 (pCi/g dry)	Cs-137 (pCi/g dry)	Total Cr (µg/g dry)
C8796	B31F24, F30RF3, B31F25, < 2 mm composite	26	<4.42	10.1
C8797	B31VH2, <2 mm	38967	39029	10.4
	B31VN3, <2 mm	5913	<4.12	17.4

NP = not performed

All three <2 mm, air dried samples contained detectable Sr-90, with significantly higher values for sample B31VH2 from borehole C8796. Cesium-137 was only detected in sample B31VH2. Total chromium was highest in sample B31VN3.

6.2 <2 mm Repacked Flow Through Column Results

The repacked <2 mm composite of samples B31F24, B30RF3, and B31F24 (referred to as <2 mm comp, composite <2 mm or 1507016-05 in the analytical results) did not result in any detectable Sr-90, Cs-137, or chromium (Table 6.2). Total strontium was detectable throughout the column experiment (Figure 6.1). The effluent pH ranged from 7.92 to 8.21. The bromide break through curve is shown in Figure 6.2.

Repacked <2 mm column B31VH2 contained both detectable Sr-90 and Cs-137 (Table 6.3, Figures 6.3 and 6.4). The maximum concentrations were detected in vial 1, which was at approximately 0.31 pore volumes. The concentrations for Sr-90 and Cs-137 decreased after the first vial. The pH of B31VH2 effluent increased from 8.12 at the beginning of the column study to 10.3. Similarly, total chromium had the highest concentration in vial 1 and the concentration decreased with pore volumes (Figure 6.5). The bromide break through curve is shown in Figure 6.6.

Repacked <2 mm column B31VN3 contained detectable strontium (both total strontium and Sr-90, Figure 6.7), whereas Cs-137 was not detectable (Table 6.4). Total chromium was only detectable (just over the instrument detection limit) for two samples. The effluent pH ranged from 8.04 to 8.46. The bromide break through curve is shown in Figure 6.8.

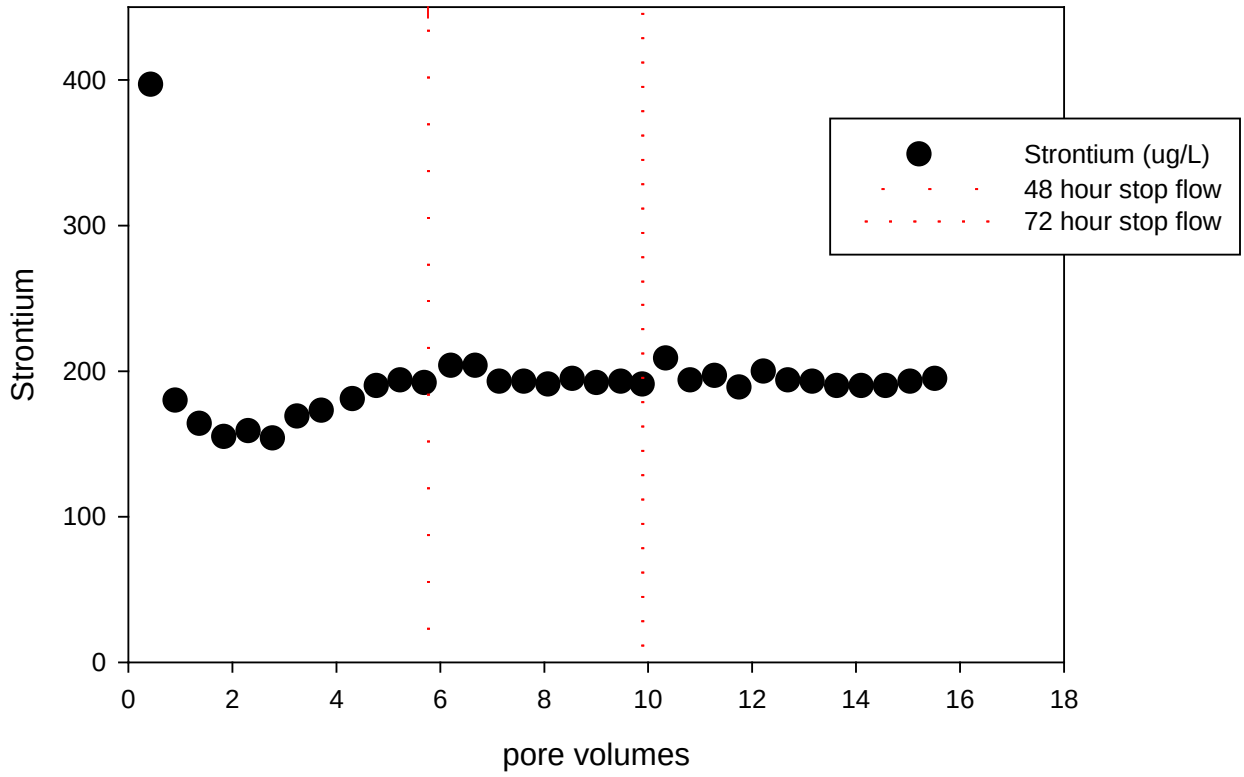

Figure 6.1. Total Strontium Concentration vs. Pore Volume for Repacked <2 mm Composite Core

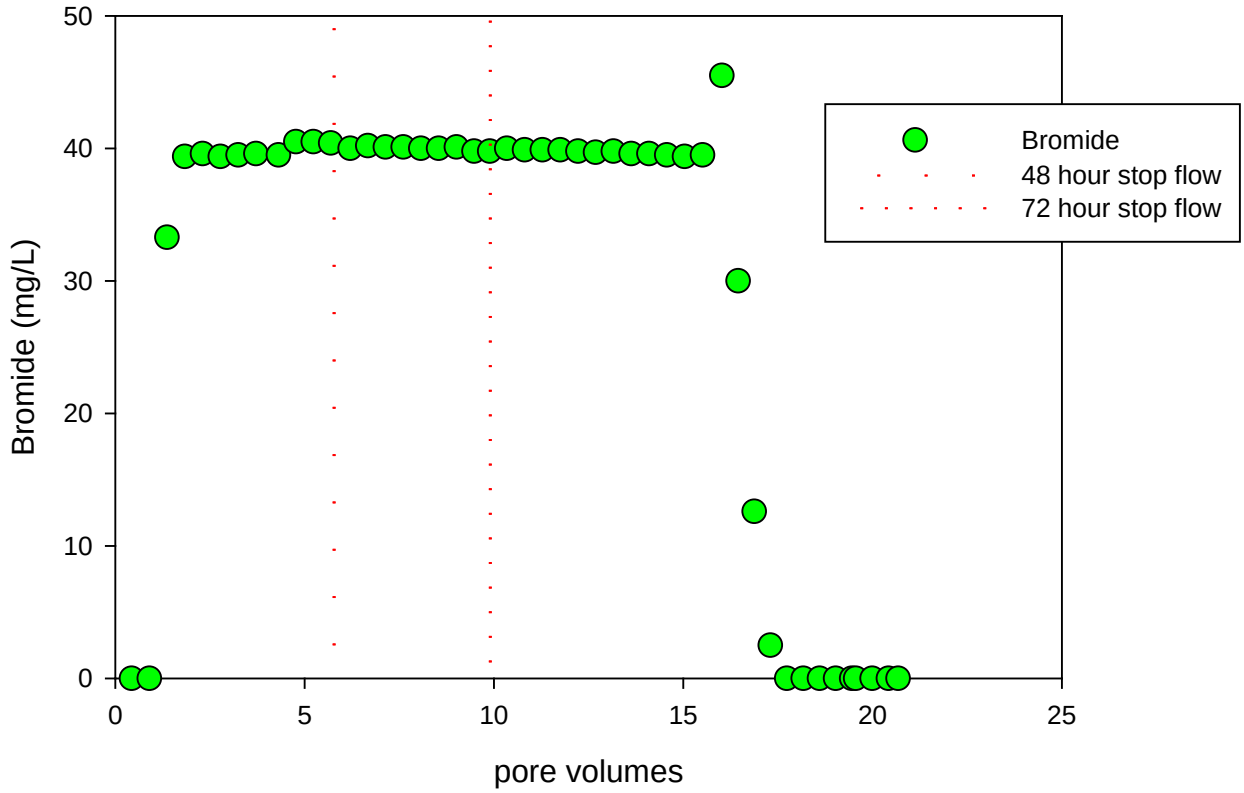

Figure 6.2. Bromide Concentration vs. Pore Volume for Repacked <2 mm Composite Core

Table 6.2. Leachate Sample Pore Volume, Strontium, Cesium, Chromium Concentrations, and pH for Repacked <2 mm Composite Core

Pore Volumes	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Chromium (ug/L)	pH	COMMENTS
0.43		397	<1.97	ND	ND	7.92	
0.90	<1.67	180	<1.97	ND	ND	8.15	
1.36		164	<1.97	ND	ND	8.18	
1.83	<1.67	155	<1.97	ND	ND	8.13	
2.30		159	<1.97	ND	ND	8.13	
2.77	<1.67	154	<1.97	ND	ND	7.94	
3.24		169	<1.97	ND	ND	8.09	
3.71	<1.67	173	<1.97	ND	ND	8.07	
3.83					ND	8.07	
4.31		181	<1.97	ND	ND	8	
4.77		190		ND	ND	8.08	
5.23		194	<1.97	ND	ND	8.01	
5.69		192		ND	ND	8.1	
5.76					ND	8.13	48 hour stop flow
6.20	<1.67	204	<1.97	ND	ND	8.13	
6.67		204	<1.97	ND	ND	8.12	
7.13	<1.67	193	<1.97	ND	ND	8.07	
7.60		193	<1.97	ND	ND	8.06	
8.07	<1.67	191	<1.97	ND	ND	8.1	
8.54		195		ND	ND	8.1	
9.01		192	<1.97	ND	ND	8.09	
9.47		193		ND	ND	8.02	
9.89		191		ND	ND	8.09	72 hour stop flow
10.34	<1.67	209	<1.97	ND	ND	8.05	
10.81		194	<1.97	ND	ND	8.03	
11.28	<1.67	197	<1.97	ND	ND	8.02	
11.75		189	<1.97	ND	ND	8.04	
12.22	<1.67	200	<1.97	ND	ND	8.02	
12.69		194		ND	ND	7.92	
13.16		193		ND	ND	8.02	
13.63		190		ND	ND	8.21	
14.10		190		ND	ND	8	
14.57		190		ND	ND	8	
15.04		193		ND	ND	8	
15.51		195		ND	ND	8.04	
15.57		ND				7.94	
ND = non-detectable							

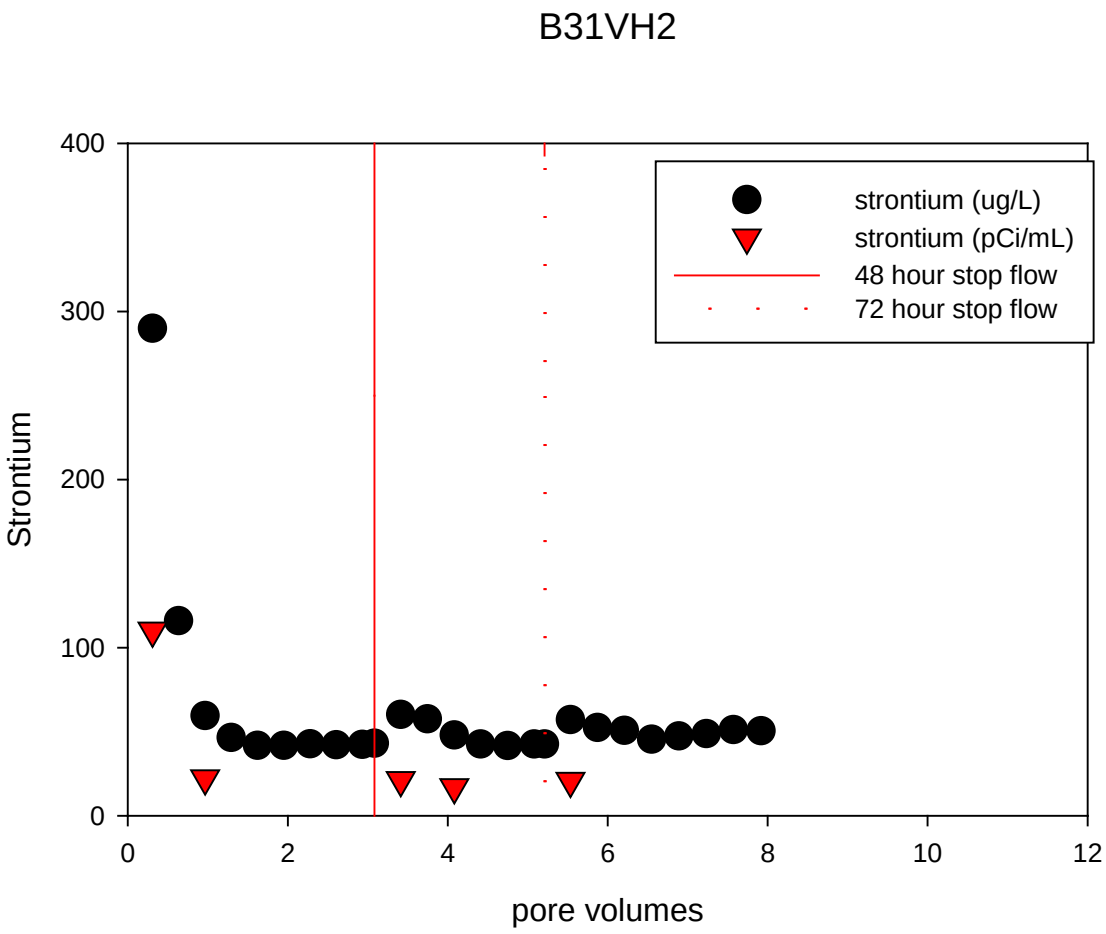

Figure 6.3. Total Strontium and Sr-90 Concentration vs. Pore Volume for Repacked <2 mm Core B31VH2

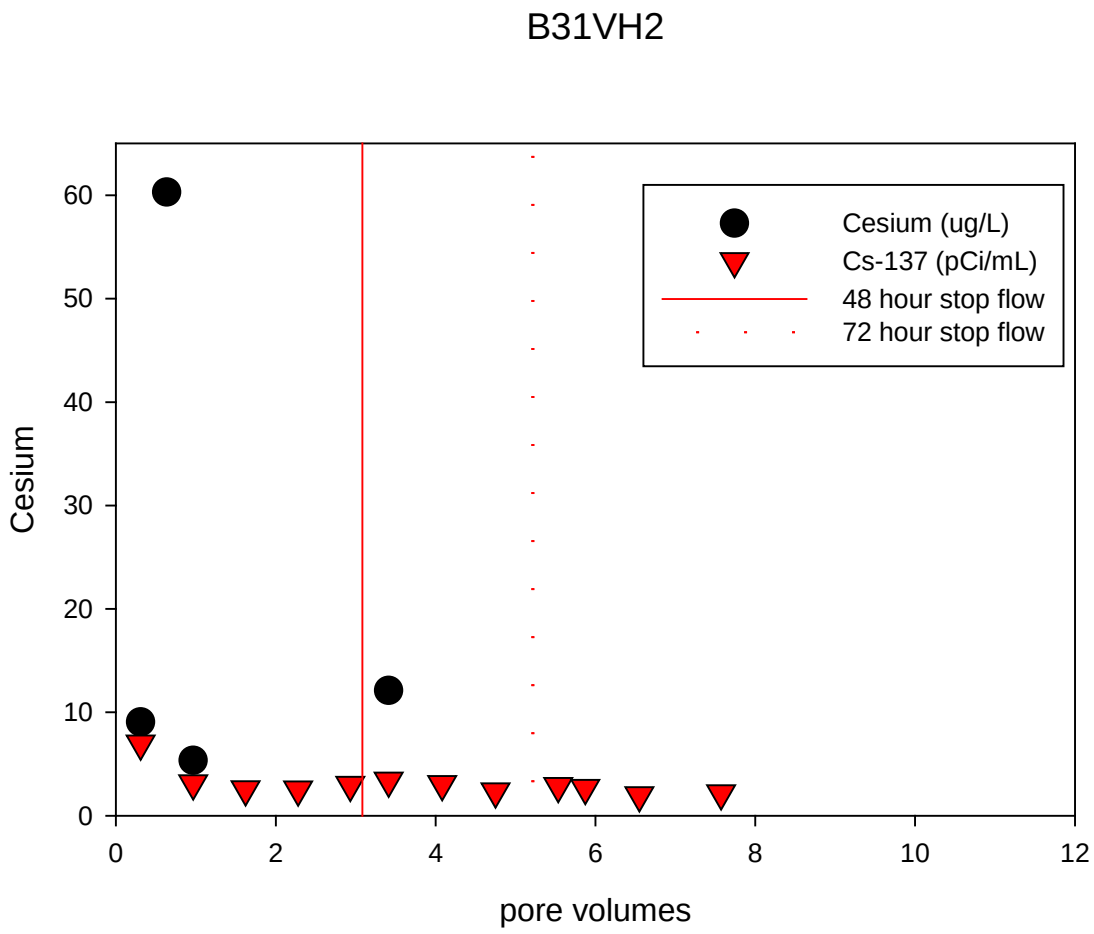

Figure 6.4. Cesium-133 and -137 Concentration vs. Pore Volume for Repacked <2 mm Core B31VH2

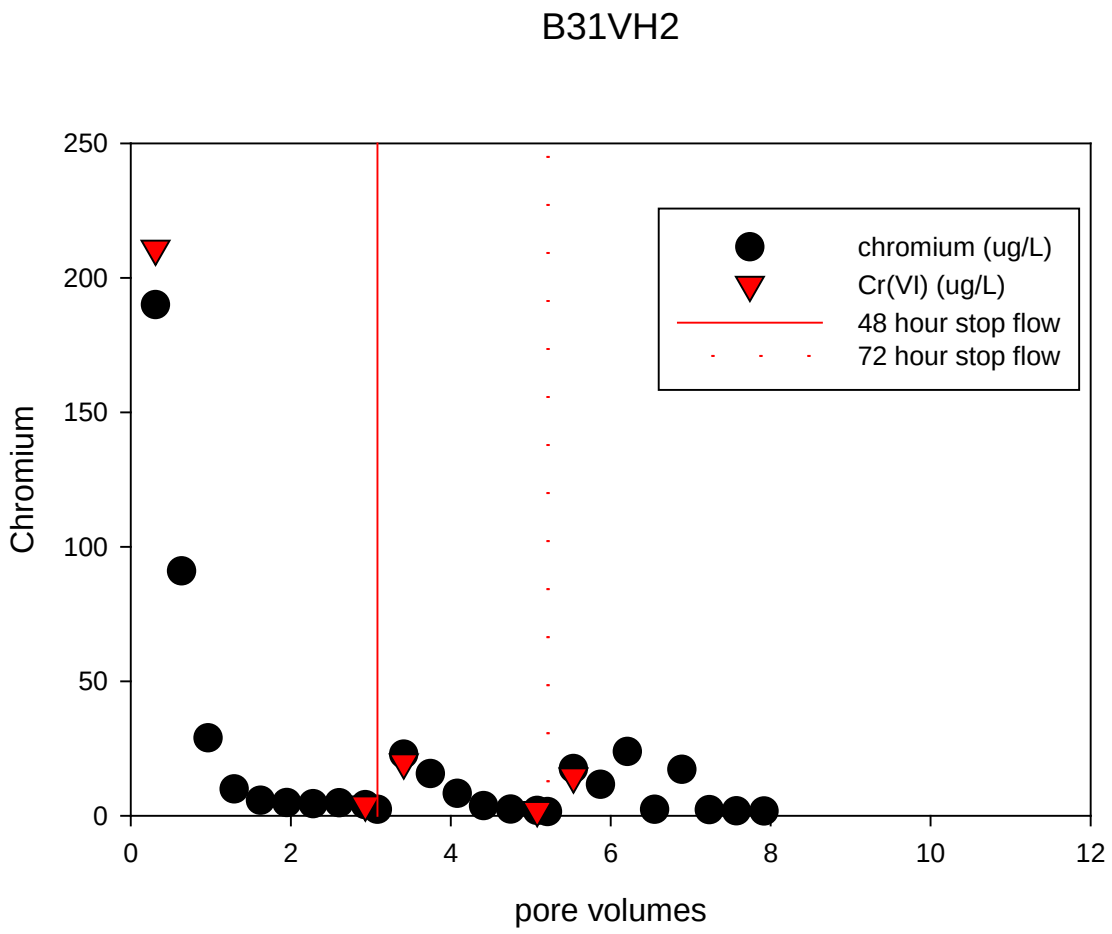

Figure 6.5. Chromium Concentration vs. Pore Volume for Repacked <2 mm Core B31VH2

Table 6.3. Leachate Sample Pore Volume, Strontium, Cesium, Chromium Concentrations, and pH for Repacked <2 mm Core B31VH2

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	Chromium (ug/L)	pH	COMMENTS
0.31	110	290	6.98	9.05	211	190	8.12	
0.64		116		60.3		91	8.35	
0.97	22.2	59.5	3.14	5.34		28.9	8.48	
1.29		46.5		ND		9.9	8.79	
1.62		41.8	2.55	ND		5.71	8.74	
1.95		41.8		ND		4.82	8.93	
2.28		42.7	2.54	ND		4.39	8.63	
2.61		42.1		ND		4.72	8.91	
2.93		42.4	2.98	ND	4.17	4.02	8.61	
3.08		43		ND		2.35	8.52	Stop flow 48 hours
3.41	21.2	60.2	3.39	12.1	19.8	22.3	8.79	
3.74		57.5		ND		15.6	8.95	
4.08	16.9	47.9	3.05	ND		8.24	9.74	
4.41		42.6		ND		3.69	9.24	
4.75		41.7	2.35	ND		2.41	9.24	

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	Chromium (ug/L)	pH	COMMENTS
5.08		42.6		ND	2.07	1.92	8.64	
5.21		42.6		ND		1.44	8.43	Stop flow 72 hours
5.53	20.7	57.1	2.88	ND	14.6	17.5	9.7	
5.87		52.4	2.69	ND		11.6	9.98	
6.21		50.7		ND		23.8	9.86	
6.55		45.4	1.99	ND		2.31	10.2	
6.89		47.4		ND		17.2	10.3	
7.23		48.7		ND		2.21	9.83	
7.57		51.1	2.16	ND		1.76	9.5	
7.92		50.5		ND		1.65	10.3	
7.94		ND		ND		ND	8.46	

ND = nondetectable

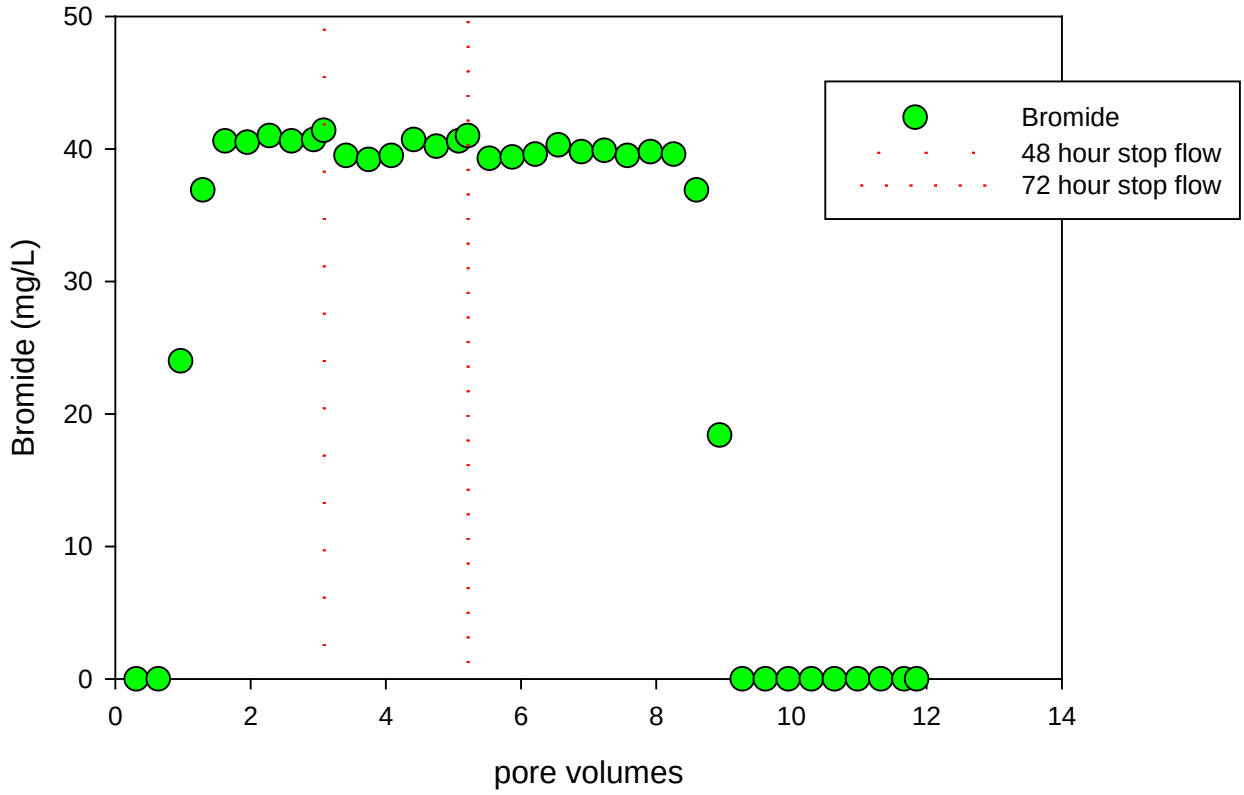

Figure 6.6. Bromide Concentration vs. Pore Volume for Repacked <2 mm Core B31VH2

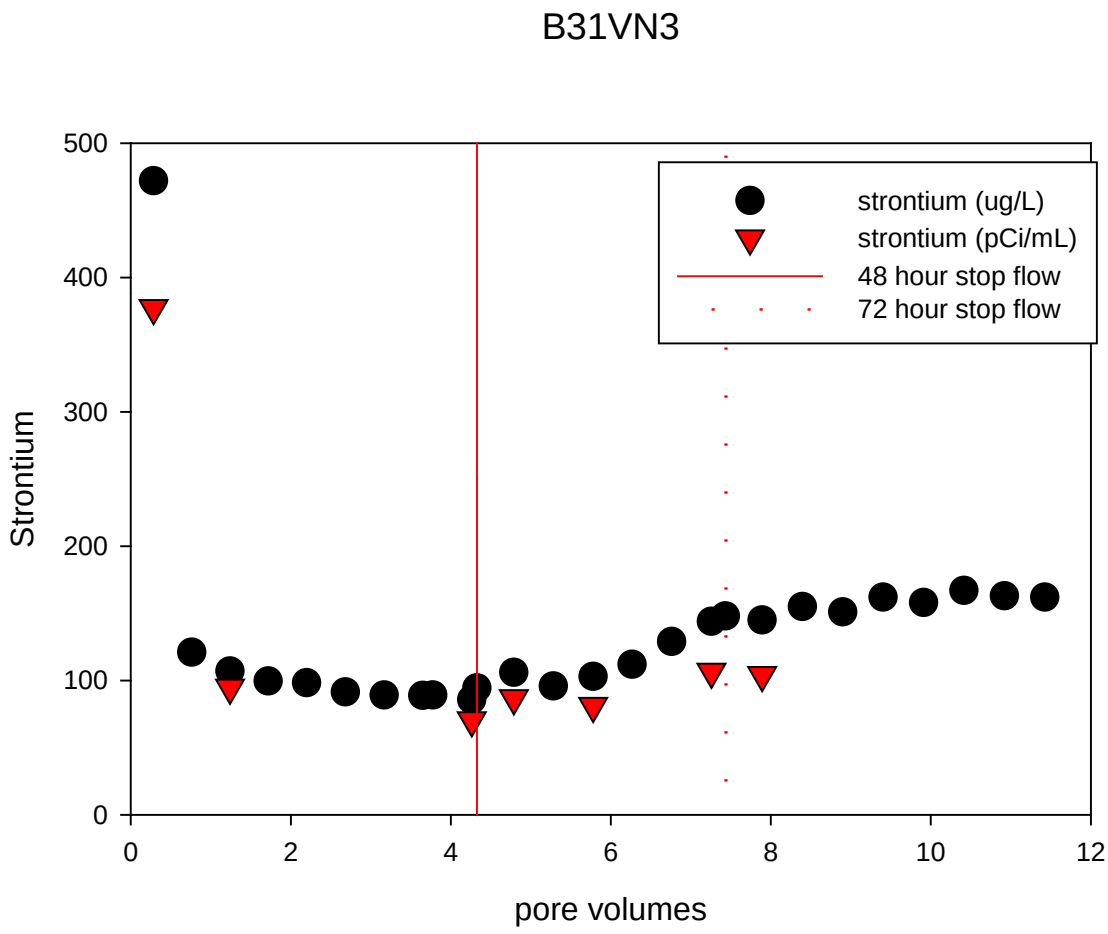

Figure 6.7. Strontium Concentration vs. Pore Volume for Repacked <2 mm Core B31VN3

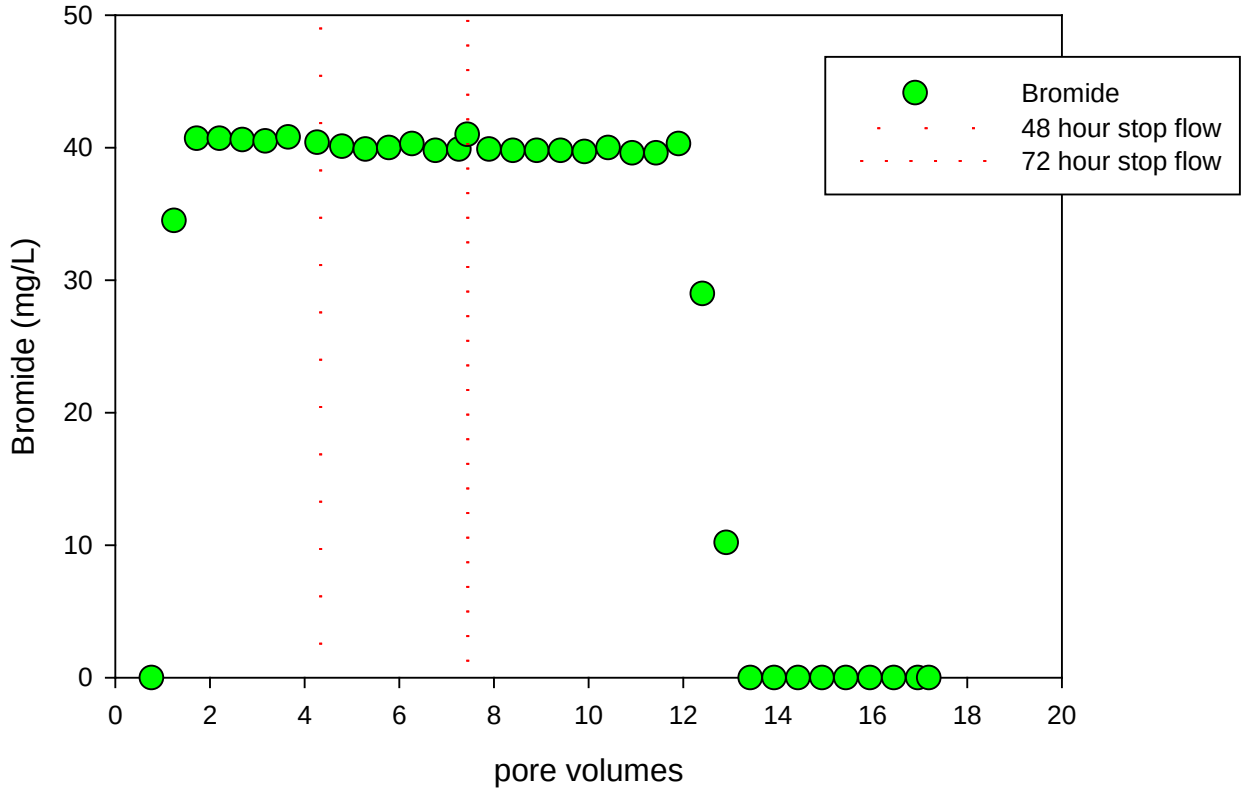

Figure 6.8. Bromide Concentration vs. Pore Volume for Repacked <2 mm Core B31VN3

Table 6.4. Leachate Sample Pore Volume, Strontium, Cesium, Chromium Concentrations, and pH for repacked <2 mm Core B31VN3

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Chromium (ug/L)	pH	COMMENTS
0.28	377	472	<1.22	ND	ND	8.30	
0.76		121		ND	ND	8.46	
1.24	94.7	107	<1.22	ND	ND	8.35	
1.72		99.5		ND	ND	8.36	
2.20		98.2	<1.22	ND	ND	8.32	
2.68		91.4		1.06	ND	8.31	
3.17		89.1	<1.22	ND	ND	8.29	
3.65		88.8		ND	ND	8.31	
3.77		89.1		ND	ND	8.22	
4.26	70.4	85.7		ND	ND	8.18	
4.33		94.4		ND	ND	8.06	48 hour stop flow
4.79	86.8	106	<1.22	2.55	ND	8.19	
5.28		95.8		ND	ND	8.09	
5.78	81.0	103	<1.22	2.73	ND	8.09	
6.27		112		5.94	1.76	8.16	
6.76		129	<1.22	ND	ND	8.16	
7.26	106	144		ND	ND	8.14	
7.43		148	<1.22	ND	ND	8.07	72 hour stop flow
7.89	104	145	<1.22	ND	ND	8.10	
8.40		155		ND	ND	8.11	

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Chromium (ug/L)	pH	COMMENTS
8.90		151	<1.22	ND	ND	8.10	
9.41		162		ND	ND	8.27	
9.91		158		ND	ND	8.16	
10.42		167	<1.22	ND	ND	8.15	
10.92		163		4.63	1.94	8.12	
11.43		162		ND	ND	8.04	

ND = nondetectable

6.3 Intact Splitspoon Liner Flow Through Column Results

None of the three intact column tests yielded detectable Sr-90 or Cs-137. Total chromium was detectable in some of the samples from B31F23 and B31VR1, and most of the samples from column B31VM4. Column B31F23 resulted in effluent pH ranging from 8.11 to 8.47, B31VM4 effluent pH ranged from 7.92 to 8.26, and column B31VR1 effluent pH ranged from 8.01 to 8.29.

Figure 6.9 illustrates the total strontium concentration vs. pore volume for intact core B31F23. Figure 6.10 illustrates the bromide break through curve for this same core. Some of the effluent samples from intact column B31F23 that were detectable for total chromium were tested for Cr(VI) (Table 6.. Of the samples tested, only vial 1 resulted in detectable Cr(VI), at 3.35 ug/L, which is at approximately 0.04 pore volumes (during the saturation of the column).

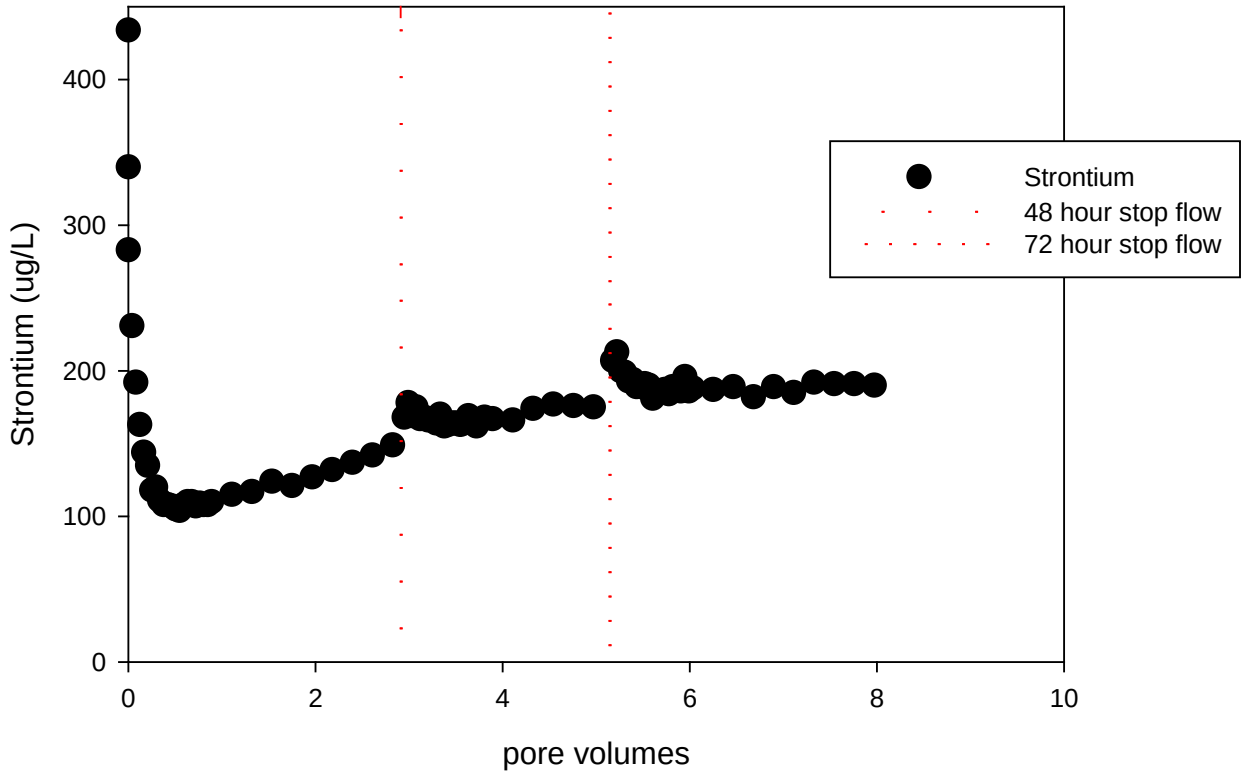

Figure 6.9. Strontium Concentration vs. Pore Volume for Intact Core B31F23

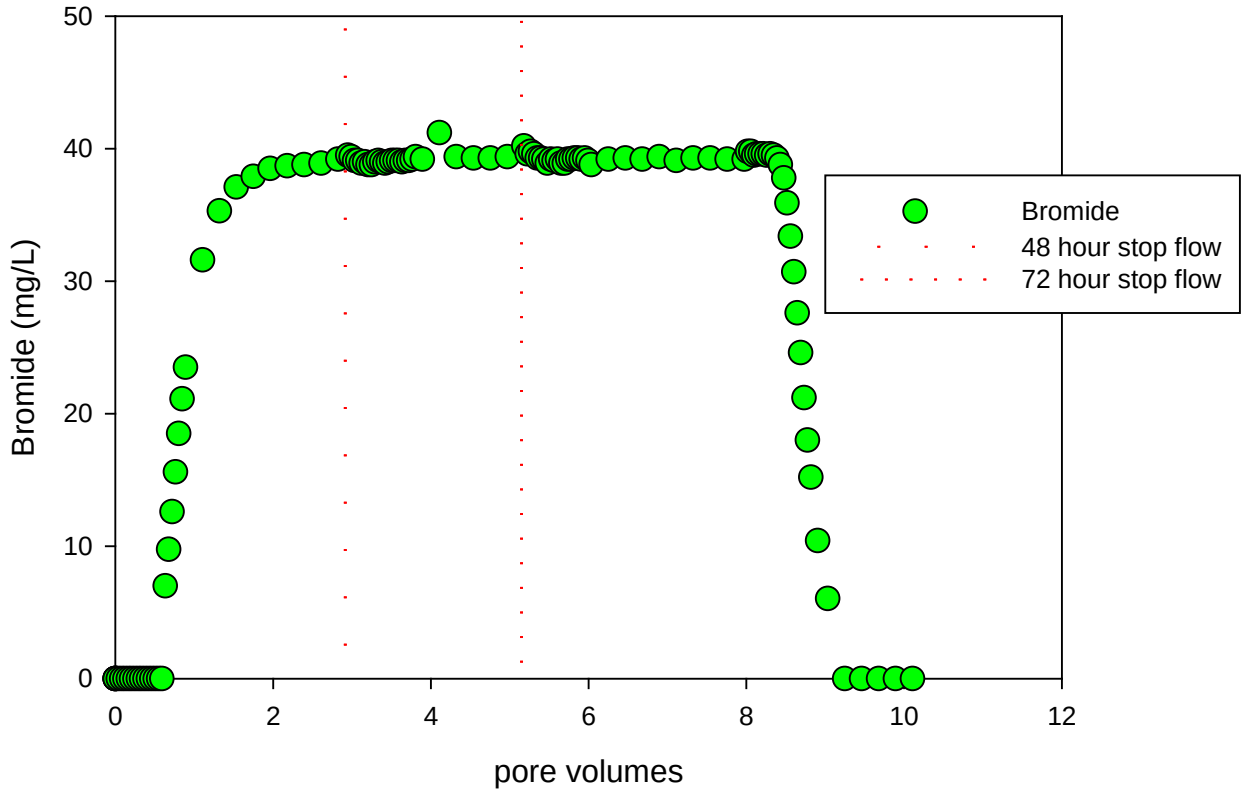

Figure 6.10. Bromide Concentration vs. Pore Volume for Intact Core B31F23

Table 6.5. Leachate Sample Pore Volume, Strontium, Cesium, Chromium Concentrations, and pH for Intact Core B31F23

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	Chromium (ug/L)	pH	Comments
0		513		ND	<0.690	17.2	8.19	Column saturation
0		434		ND	18.6	15.9		
0		340		ND	11.1	9.9		
0		283		ND	8.88	7.36		
0.04	<1.70	231	<1.97	ND	6.08	5.66	8.4	Column start
0.08		192	<1.97	ND		ND		
0.12	<1.70	163	<1.97	ND		ND		
0.16		144	<1.97	ND		ND		
0.21	<1.70	135	<1.97	ND		ND		
0.25		118	<1.97	ND		ND	8.45	
0.29		120	<1.97	ND		ND		
0.33	<1.70	111	<1.97	ND		ND		
0.38		108	<1.97	ND		ND		
0.42		108	<1.97	ND		ND		
0.46		107		ND		ND	8.4	
0.50		105		ND		ND		
0.55		104	<1.97	ND		ND		
0.59		108		ND		ND		
0.63		110		ND		ND		

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	Chromium (ug/L)	pH	Comments
0.68		110	<1.97	ND		ND	8.47	
0.72		107		ND		ND		
0.76		109		ND		ND		
0.80		108		ND		ND		
0.85		108		ND		ND		
0.89		110	<1.97	ND		ND	8.38	
0.93								
0.98								
1.02								
1.06								
1.10		115	<1.97	ND		ND	8.43	
1.15								
1.19								
1.23								
1.28								
1.32		117	<1.97	ND	1.25	ND	8.29	
1.36								
1.40								
1.45								
1.49								
1.53		124		ND		ND	8.23	
1.58								
1.62								
1.66								
1.70								
1.75		121	<1.97	ND		ND	8.37	
1.79								
1.83								
1.88								
1.92								
1.96		127		ND		ND	8.2	
2.01								
2.05								
2.09								
2.13								
2.18		132	<1.97	ND		ND	8.22	
2.22								
2.26								
2.31								
2.35								
2.39		137		ND		ND	8.27	
2.44								
2.48								
2.52								
2.56								
2.61		142	<1.97	ND		ND	8.23	
2.65								
2.69								
2.74								
2.78								
2.82		149		ND		ND	8.14	
2.87								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	Chromium (ug/L)	pH	Comments
2.91								48 hour stop flow
2.95	<1.70	168	<1.97	ND	11.94	9.77		
2.99		178	<1.97	ND		ND		
3.03	<1.70	169	<1.97	ND		ND	8.25	
3.07		175	<1.97	ND		ND		
3.12	<1.70	167	<1.97	ND		ND		
3.16		168		ND		ND		
3.20		166	<1.97	ND		ND		
3.25		167		ND		ND	8.3	
3.29		164	<1.97	ND		ND		
3.33		170		ND		ND		
3.37		162		ND		ND		
3.42		163		ND		ND		
3.46		164	<1.97	ND		ND	8.22	
3.50		164		ND		ND		
3.55		163		ND		ND		
3.59		164		ND		ND		
3.63		169		ND		ND		
3.68		167	<1.97	ND		ND	8.2	
3.72		162		ND		ND		
3.76		166		ND		ND		
3.81		168		ND		ND		
3.85								
3.89		167	<1.97	ND		ND	8.22	
3.93								
3.98								
4.02								
4.06								
4.11		166		ND		ND	8.36	
4.15								
4.19								
4.24								
4.28								
4.32		174	<1.97	ND		ND	8.25	
4.37								
4.41								
4.45								
4.50								
4.54		177		ND		ND	8.24	
4.58								
4.62								
4.67								
4.71								
4.75		176	<1.97	ND		ND	8.22	
4.80								
4.84								
4.88								
4.93								
4.97		175		ND	<0.690	ND	8.21	
5.01								
5.06								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	Chromium (ug/L)	pH	Comments
5.10								
5.14								72 hour stop flow
5.18	<1.70	207	<1.97	ND		ND	8.34	
5.22		213	<1.97	ND		ND		
5.26	<1.70	200	<1.97	ND		ND		
5.31		199	<1.97	ND		ND		
5.35	<1.70	193	<1.97	ND		ND		
5.39		194		ND		ND	8.23	
5.43		189	<1.97	ND		ND		
5.48		189		ND		ND		
5.52		191	<1.97	ND		ND		
5.56		190		ND		ND		
5.60		181	<1.97	ND		ND	8.2	
5.65		186		ND		ND		
5.69		186		ND		ND		
5.73		187		ND		ND		
5.78		184		ND		ND		
5.82		189	<1.97	ND		ND	8.43	
5.86		187		ND		ND		
5.91		186		ND		ND		
5.95		196		ND		ND		
5.99		186		ND		ND		
6.04		188	<1.97	ND		ND	8.33	
6.08								
6.12								
6.16								
6.21								
6.25		187	<1.97	ND		ND	8.21	
6.29								
6.34								
6.38								
6.42								
6.47		189		ND		ND	8.14	
6.51								
6.55								
6.59								
6.64								
6.68		182	<1.97	ND		ND	8.2	
6.72								
6.77								
6.81								
6.85								
6.90		189		ND		ND	8.25	
6.94								
6.98								
7.03								
7.07								
7.11		185	<1.97	ND		ND	8.23	
7.15								
7.20								
7.24								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	Chromium (ug/L)	pH	Comments
7.28								
7.33		192		ND		ND	8.19	
7.37								
7.41								
7.46								
7.50								
7.54		191	<1.97	ND		ND	8.15	
7.59								
7.63								
7.67								
7.71								
7.76		191		ND		ND	8.11	
7.80								
7.84								
7.89								
7.93								
7.97		190	<1.97	ND		ND	8.16	No bromide

ND = nondetectable

Figures 6.11 and 6.12 illustrate the total strontium and chromium concentration (respectively) vs. pore volume for intact core B31VM4. Figure 6.13 illustrates the break through curve for B31VM4.

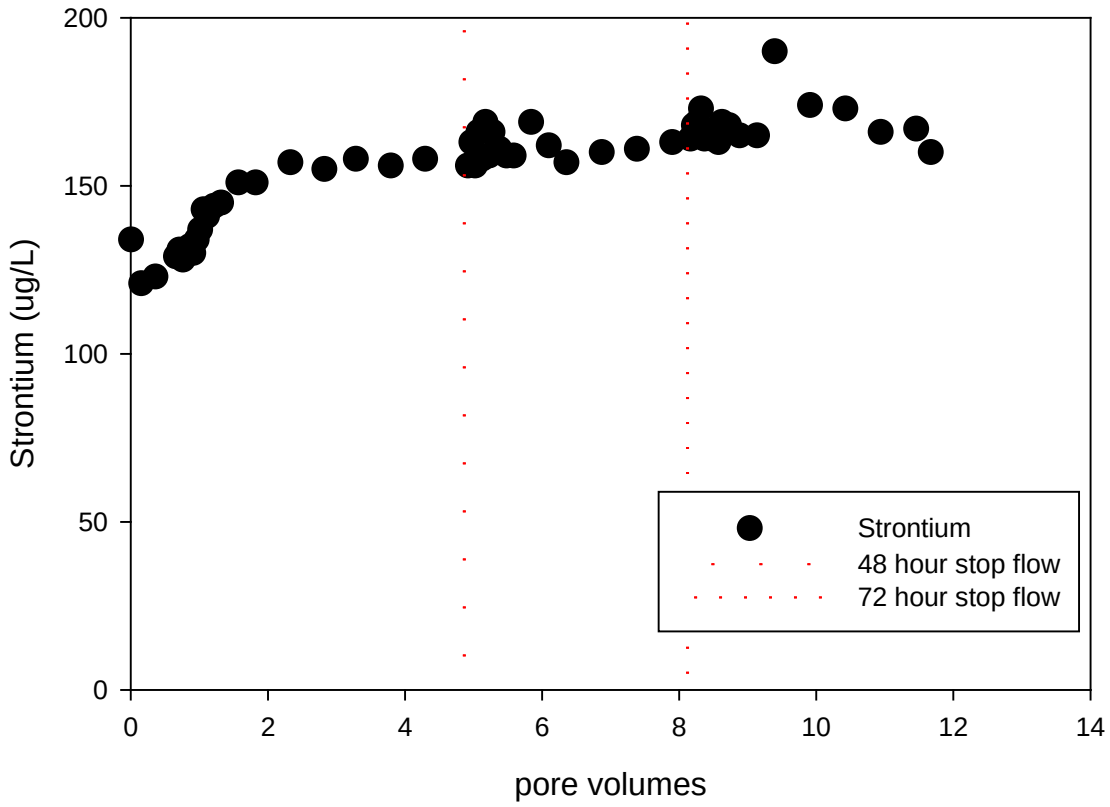

Figure 6.11. Strontium Concentration vs. Pore Volume for Intact Core B31VM4

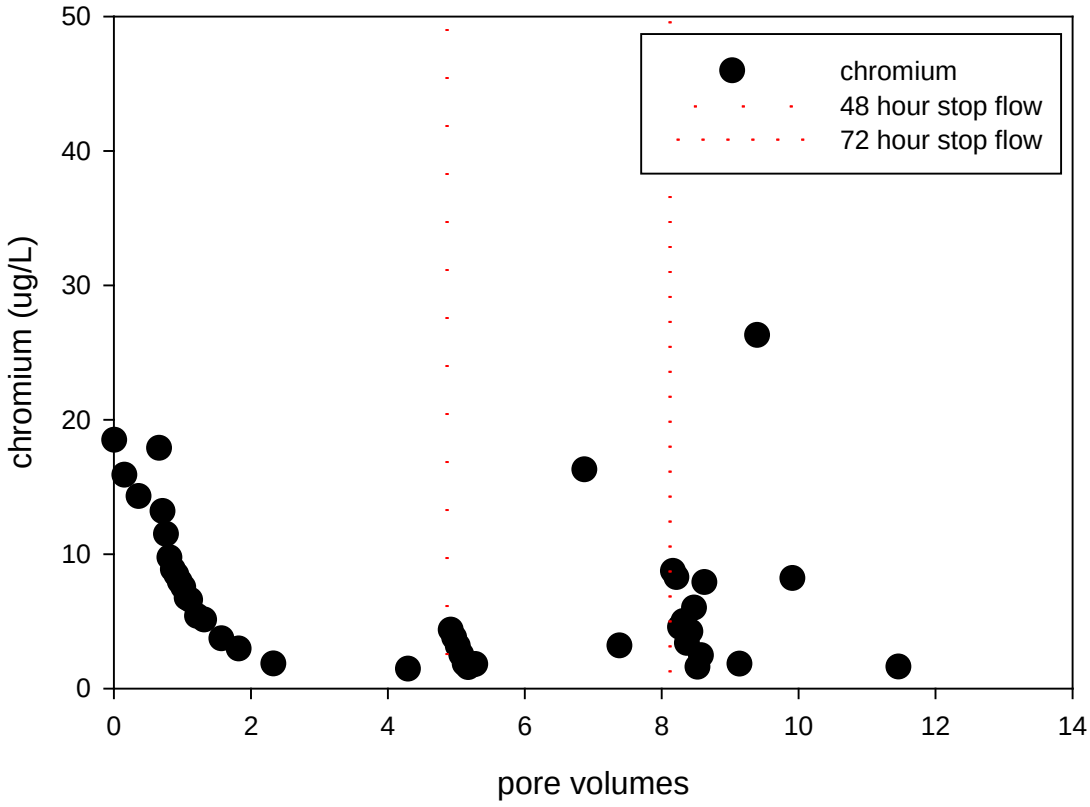

Figure 6.12. Chromium Concentration vs. Pore Volume for Intact Core B31V4

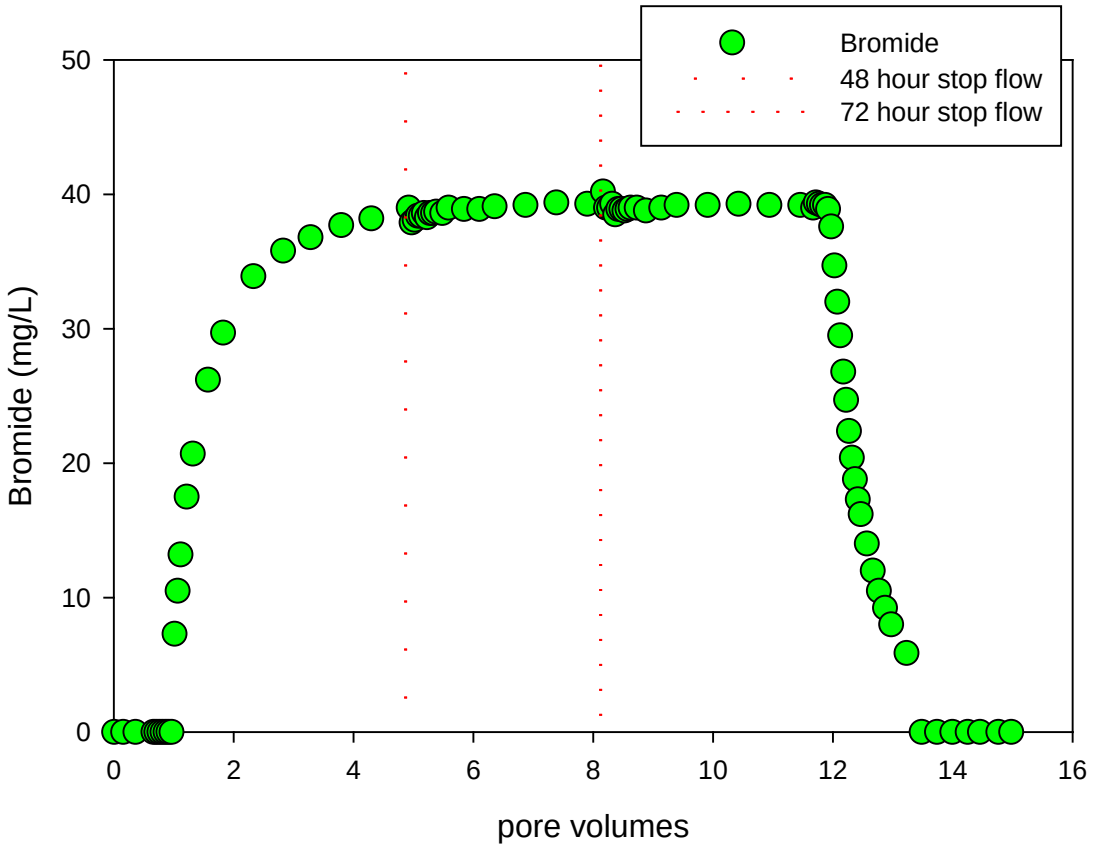

Figure 6.13. Bromide Concentration vs. Pore Volume for Intact Core B31VM4

Figure 6.14 Illustrates the total strontium concentration vs. pore volume for intact core B31VR1. Figure 6.15 illustrates the break through curve for B31VR1.

Table 6.6. Leachate Sample Pore Volume, Strontium, Cesium, Chromium Concentrations, and pH for Intact Core B31VM4

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
0.00		134		0.655		18.5		column saturation
0.05								
0.09								
0.12								
0.15		121		1.9		15.9	8.13	
0.19								
0.24								
0.28								
0.32								
0.36		123		1.36		14.3	8.26	
0.40								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
0.44								
0.48								
0.52								
0.56								
0.61								
0.66		129		ND	<1.38	17.9		column start
0.71	<1.64	131	<1.22	ND		13.2		
0.76		128		ND		11.5		
0.81	<1.64	130	<1.22	ND		9.75	8.1	
0.86		132		ND		8.87		
0.91		130	<1.22	ND		8.47		
0.96		134		ND		7.95		
1.01		137	<1.22	ND		7.54		
1.06		143		ND		6.75	8.16	
1.11		141	<1.22	ND		6.6		
1.16								
1.21		144		ND		5.39		
1.27								
1.32		145	<1.22	ND		5.12	8.22	
1.37								
1.42								
1.47								
1.52								
1.57		151		ND		3.72	8.2	
1.62								
1.67								
1.72								
1.77								
1.82		151		ND		2.97	8.19	
1.87								
1.92								
1.97								
2.03								
2.08							8.18	
2.13								
2.18								
2.23								
2.28								
2.33		157		ND		1.85	8.19	

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
2.38								
2.43								
2.48								
2.53								
2.58								
2.63								
2.67								
2.72								
2.77								
2.82		155		ND		ND	8.13	
2.87								
2.92								
2.97								
3.01								
3.06							8.17	
3.10								
3.14								
3.18								
3.23								
3.28		158		ND		ND	8.15	
3.33								
3.38								
3.44								
3.49								
3.54							8.13	
3.59								
3.64								
3.69								
3.74								
3.79		156		ND		ND	8.24	
3.84								
3.89								
3.95								
4.00								
4.04							8.22	
4.09								
4.15								
4.19								
4.24								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
4.29		158		1.54		1.47	8.2	
4.35								
4.40								
4.45								
4.50								
4.55							8.2	
4.60								
4.65								
4.70								
4.76								
4.81					<1.38		8.13	
4.86								48 hour stop flow
4.92	<1.64	156	<1.22	ND	<1.38	4.37		
4.97		163		ND		3.79		
5.02	<1.64	156	<1.22	ND		3.16		
5.07		166		ND		2.52	8.26	
5.12		158	<1.22	ND		1.84		
5.17		169		ND		1.58		
5.23		159	<1.22	ND		1.75		
5.28		166		ND		1.81		
5.33		161	<1.22	ND		ND	8.13	
5.38		161		ND		ND		
5.43								
5.48		159		ND		ND		
5.53								
5.58		159		ND		ND	7.92	
5.64								
5.69								
5.74								
5.79								
5.84		169	<1.22	ND		ND	8.15	
5.89								
5.94								
5.99								
6.05								
6.10		162		ND		ND	7.95	
6.15								
6.20								
6.25								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
6.30								
6.35		157		ND		ND	8.1	
6.41								
6.46								
6.51								
6.56								
6.61							8.16	
6.66								
6.71								
6.77								
6.82								
6.87		160		ND		16.3	8.32	
6.92								
6.97								
7.02								
7.07								
7.13							8.18	
7.18								
7.23								
7.28								
7.33								
7.38		161		ND		3.2	8.17	
7.44								
7.49								
7.54								
7.59								
7.64							8.18	
7.69								
7.74								
7.80								
7.85								
7.90		163		ND		ND	8.14	
7.95								
8.00								
8.05					<1.38			
8.11								
8.12							8.12	72 hour Stop flow
8.17	<1.64	164	<1.22	2.07	<1.38	8.74		
8.22		168		5.96		8.28		

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
8.27	<1.64	169	<1.22	2.37	<1.38	4.56		
8.32		173		6.09		5.01		
8.37		164	<1.22	2.53		3.38	8.2	
8.42		165		5.1		4.23		
8.47		164	<1.22	6.43		6.01		
8.52		164		1.53		1.61		
8.58		163		ND		2.47		
8.63		169		ND		7.91	8.1	
8.68								
8.73		168		ND		ND		
8.78								
8.83								
8.88		165	<1.22	ND		ND	8.14	
8.93								
8.98								
9.04								
9.09								
9.14		165		2.1		1.83	8.13	
9.19								
9.24								
9.29								
9.34								
9.40		190		82.3		26.3	8.17	
9.45								
9.50								
9.55								
9.60								
9.65							8.16	
9.71								
9.76								
9.81								
9.86								
9.91		174		25.5		8.21	8.16	
9.96								
10.01								
10.07								
10.12								
10.17							8.18	
10.22								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
10.27								
10.32								
10.37								
10.43		173		ND		ND	8.16	
10.48								
10.53								
10.58								
10.63								
10.68							8.06	
10.74								
10.79								
10.84								
10.89								
10.94		166		ND		ND	8.14	
10.99								
11.05								
11.10								
11.15								
11.20							8.17	
11.25								
11.30								
11.36								
11.41								
11.46		167		4.44		1.62	8.17	
11.51								
11.56								
11.61								
11.67		160		ND		ND		Stop

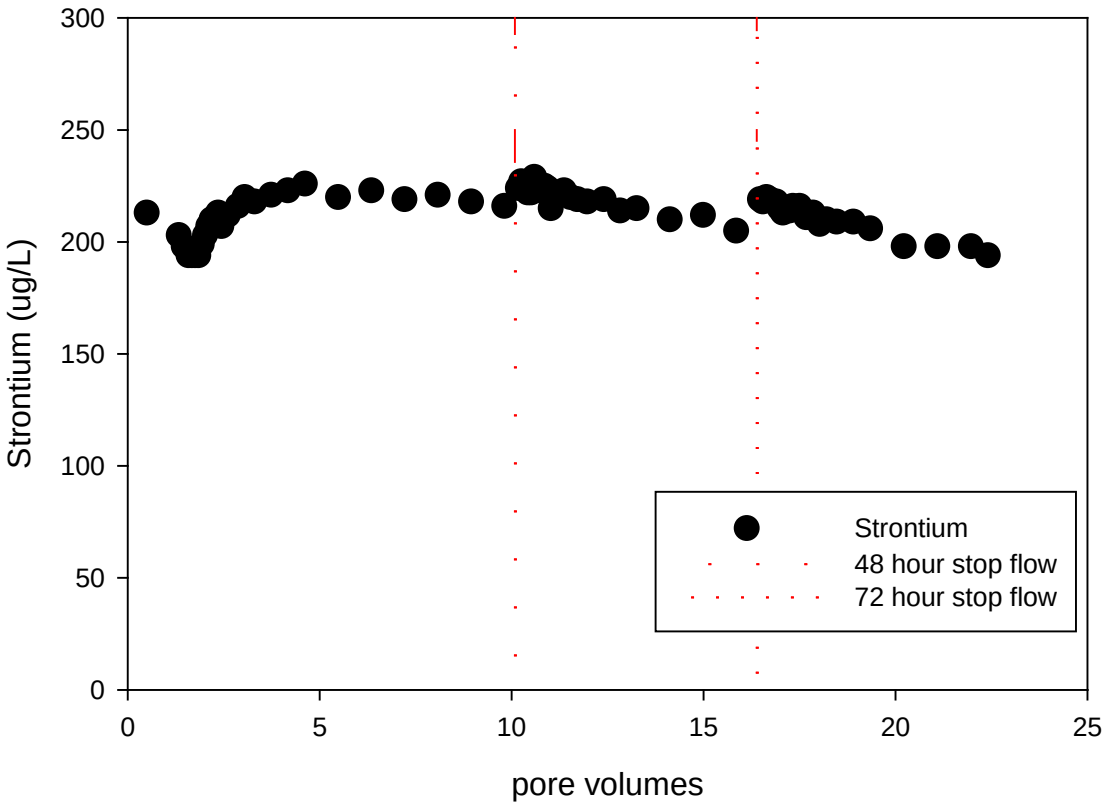

Figure 6.14. Strontium Concentration vs. Pore Volume for Intact Core B31VR1

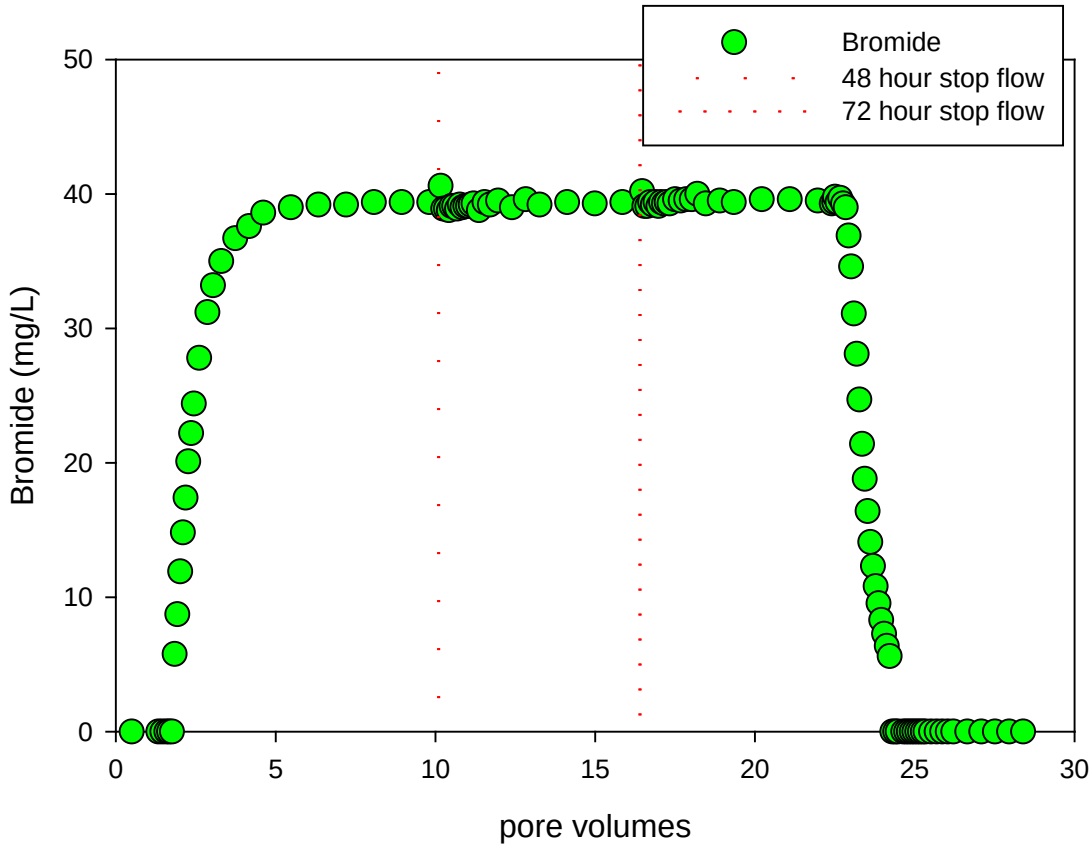

Figure 6.15. Bromide Concentration vs. Pore Volume for Intact Core B31VR1

Table 6.7. Leachate Sample Pore Volume, Strontium, Cesium, Chromium Concentrations, and pH for Intact Core B31VR1

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
0.10								Saturate column
0.20								
0.30								
0.40								
0.49		213		ND		1.73	8.29	
0.59								
0.69								
0.79								
0.89								
0.98								
1.08								
1.20								
1.33	<1.64	203	<1.22	ND	5.32	4.31	8.25	Start
1.46		198		ND		3.72		

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
1.58	<1.64	194	<1.22	ND		1.43	8.22	
1.67		194		ND		ND		
1.75		194	<1.22	ND		ND		
1.84		194		ND		ND		
1.93		199	<1.22	ND		ND		
2.01		203		ND		ND	8.23	
2.10		207	<1.22	ND		ND		
2.18		210		ND		ND		
2.27		211		ND		ND		
2.35		213		ND		ND		
2.44		207		ND		ND	8.17	
2.52								
2.61		212		ND		ND		
2.70								
2.79								
2.87		216	<1.22	ND		ND	8.19	
2.95								
3.04		220		ND		ND		
3.13								
3.21								
3.30		218		ND		ND	8.18	
3.39								
3.47								
3.56								
3.65								
3.73		221		ND		ND	8.17	
3.82								
3.91								
3.99								
4.08								
4.17		223		ND		ND	8.17	
4.25								
4.34								
4.43								
4.51								
4.61		226		ND		ND	8.18	
4.70								
4.78								
4.87								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
4.96								
5.04							8.12	
5.13								
5.22								
5.30								
5.39								
5.48		220		ND		ND	8.15	
5.56								
5.65								
5.74								
5.82								
5.91							8.16	
6.00								
6.08								
6.17								
6.25								
6.34		223		ND		ND	8.18	
6.43								
6.51								
6.60								
6.69								
6.77							8.14	
6.86								
6.95								
7.03								
7.12								
7.21		219		ND		ND	8.16	
7.29								
7.38								
7.47								
7.55								
7.64								
7.73								
7.81								
7.90								
7.99								
8.07		221		ND		ND	8.14	
8.16								
8.25								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
8.33								
8.42								
8.51								
8.59								
8.68								
8.77								
8.85								
8.94		218		ND		ND	8.14	
9.03								
9.11								
9.20								
9.29								
9.37								
9.46								
9.55								
9.64								
9.72								
9.81		216		ND		ND	8.15	
9.90								
9.98								
10.08								48 hour stop flow
10.16	<1.64	224	<1.22	ND	6.09	5.22		
10.25		227		ND		4.32	8.2	
10.33	<1.64	225	<1.22	ND	4.94	5.77		
10.42		222		ND		1.51		
10.50		222	<1.22	ND		ND		
10.59		229		ND		ND		
10.68		224	<1.22	ND		ND	8.28	
10.76		223		ND		ND		
10.85		225	<1.22	ND		ND		
10.93		224		ND		ND		
11.02		215		ND		ND		
11.10		222		ND		ND	8.21	
11.19		221		ND		ND		
11.28								
11.36		223		ND		ND		
11.45								
11.53		220	<1.22	ND		ND	8.18	
11.62								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
11.71		219		ND		ND		
11.79								
11.88								
11.96		218		ND		ND	8.13	
12.05								
12.14								
12.22								
12.31								
12.40		219		ND		ND	8.17	
12.48								
12.57								
12.65								
12.74								
12.83		214		ND		ND	8.19	
12.91								
13.00								
13.09								
13.17								
13.26		215		ND		ND	8.12	
13.34								
13.43								
13.52								
13.60								
13.69							8.17	
13.78								
13.86								
13.95								
14.04								
14.12		210		ND		ND	8.18	
14.21								
14.30								
14.38								
14.47								
14.55								
14.64								
14.73								
14.81								
14.90								
14.99		212		ND		ND	8.14	

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
15.07								
15.16								
15.25								
15.33								
15.42								
15.51								
15.59								
15.68								
15.77								
15.85		205		ND		ND	8.07	
15.94								
16.03								
16.11								
16.20								
16.29								
16.39								72 hour stop flow
16.47	<1.64	219	<1.22	ND	6.24	5.25		
16.55		218		ND		4.09		
16.64	<1.64	220	<1.22	ND	3.02	2.54		
16.72		219		ND		ND	8.01	
16.81		218	<1.22	ND		ND		
16.89		218		ND		ND		
16.98		215	<1.22	ND		ND		
17.07		213		ND		ND		
17.16		215	<1.22	ND		ND	8.2	
17.24		214		ND		ND		
17.33		216		ND		ND		
17.42								
17.50		216	<1.22	ND		ND		
17.59							8.19	
17.68		211		ND		ND		
17.77								
17.85		213		ND		ND		
17.94								
18.03		208		ND		ND	8.21	
18.11								
18.20		210		ND		ND		
18.29								
18.38								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
18.47		209	<1.22	ND		ND	8.21	
18.55								
18.64								
18.73								
18.82								
18.90		209		ND		ND	8.12	
18.99								
19.08								
19.17								
19.25								
19.34		206		ND		ND	8.16	
19.43								
19.52								
19.60								
19.69								
19.78							8.15	
19.87								
19.95								
20.04								
20.13								
20.22		198		ND		ND	8.17	
20.30								
20.39								
20.48								
20.57								
20.65							8.13	
20.74								
20.83								
20.92								
21.00								
21.09		198		ND		ND	8.24	
21.18								
21.27								
21.35								
21.44								
21.53								
21.62								
21.71								
21.79								

Pore Volume	Sr-90 (pCi/mL)	Strontium (ug/L)	Cs-137 (pCi/mL)	Cesium (ug/L)	Cr(VI) (ug/L)	chromium (ug/L)	pH	Comments
21.88								
21.97		198		ND		ND	8.17	
22.06								
22.14								
22.23								
22.32								
22.41		194		ND		ND	8.16	Stop

6.4 Batch Leach Results

The batch sorption tests on the composite sediment sample resulted in non-detects for Sr-90, Cs-137, and chromium. Sr-90 was detected in the batch sorption samples from B31VH2 and B31VN3, with concentrations in samples from B31VN3 twice as high as Sr-90 in batch samples from B31VH2. Neither set of Sr-90 displayed a discernible increase or decrease of Sr-90 activity with respect to contact time. Cs-137 was only detected in batch samples from B31VH2. The Cs-137 decreased as contact time increased. Total chromium was also measured in batch samples from B31VH2. Similar to the Sr-90 results, the chromium results did not show a trend over time and were consistent for each time sampling.

6.5 Physical Property Results

A summary of the hydraulic and physical property results is provided in Table 6.6.

Table 6.8. Summary of Hydraulic and Physical Property Results

Borehole	Sample ID	Saturated Hydraulic Conductivity (cm/s)	Particle Size				Particle Density (g/cm^3)	Moisture Content (wt%)
			% Gravel	% Sand	% Silt	% Clay		
C8796	B31F23	1.76E-04	--	--	--	--	2.67	--
	B31F24, F30RF3, B31F25, <2 mm composite	--	--	--	--	--	2.65	0.66
C8797	B31VH2	--	75.2	17.4	5.0	2.4	--	--
	B31VH2, <2 mm	--	--	--	--	--	2.87	9.57
	B31VM4	5.02E-05	56.9	29.2	12.9	1.0	2.68	--
	B31VN3	--	35.4	32.5	17.7	11.7	--	--
	B31VN3, <2 mm	--	--	--	--	--	2.73	1.82
	B31VR1	7.96E-05	73.1	23.6	3.1	0.2	2.65	--
-- = Not Performed.								

7.0 References

ASTM D2434, *Standard Test Method for Permeability of Granular Soils (Constant Head)*. ASTM International, West Conshohocken, Pennsylvania.

ASTM D5084, *Standard Test Methods for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter*. ASTM International, West Conshohocken, Pennsylvania.

Dressel PE, NP Qafoku, JP McKinley, JS Fruchter, CC Ainsworth, C Liu, ES Ilton, and JL Phillips. 2008. *Geochemical Characterization of Chromate Contamination in the 100 Area Vadose Zone at the Hanford Site*. PNNL-17674. Pacific Northwest National Laboratory, Richland, Washington.

Jacques D. 2014. *Sampling Instruction for Supplementary Characterization of UPR-100-K-I and 116-KE-3 Waste Sites*. SGW-54226, Rev 1, CH2M HILL Plateau Remediation Company, Richland, Washington.

Qafoku, NP, PE Dressel, JP McKinley, ES Ilton, W Um, CT Resch, RK Kukkadapu, and SW Petersen. 2011. *Geochemical Characterization of Chromate Contamination in the 100 Area Vadose Zone at the Hanford Site, Part 2*. PNNL-17865, Pacific Northwest National Laboratory, Richland, Washington.

Shearer JP. 2014. *Hanford Site Waste Management Units Report*. DOE/RL:-88-30, Rev 23, CH2M Hill Plateau Remediation Company, Richland, Washington.

Appendix A

Analytical and Quality Control Results

Appendix A
Analytical and Quality Control Results

Introduction

Between July 16, 2015 and December 10, 2015 samples were received from 116-KE-3 and UPR-100-K-1 for chemical analyses.

Analytical Results/Methodology

The analyses for this project were performed at the 331 building located in the 300 Area of the Hanford Site. The analyses were performed according to Pacific Northwest National Laboratory (PNNL) approved procedures and/or nationally recognized test procedures. The data sets include the sample identification numbers, analytical results, estimated quantification limits (EQL), and quality control data.

Quality Control

The preparatory and analytical quality control requirements, calibration requirements, acceptance criteria, and failure actions are defined in the on-line QA plan *Conducting Analytical Work in Support of Regulatory Programs* (CAWSRP). This QA plan implements the Hanford Analytical Services Quality Assurance Requirements Documents for PNNL.

Definitions

Dup	Duplicate
RPD	Relative Percent Difference
NR	No Recovery (percent recovery less than zero)
ND	Non-Detectable
%REC	Percent Recovery

Sample Receipt

Samples were received with a chain of custody (COC) and were analyzed according to the sample identification numbers supplied by the client. All Samples were refrigerated upon receipt until prepared for analysis.

All samples were received with custody seals intact unless noted in the Case Narrative.

Holding Times

Holding time is defined as the time from sample preparation to the time of analyses. The prescribed holding times were met for all analytes unless noted in the Case Narrative.

Analytical Results

All reported analytical results meet the requirements of the CAW or client specified SOW unless noted in the case narrative.

Case Narrative Report

Preparation Blank (PB):

Preparation Blanks for the special extracts (batch sorption experiment) were made up of simulated groundwater (the same solution used for the batch sorption experiments), so the Preparation Blank concentrations are not <EQL.

Preparation Blanks were prepared using the Simulated Groundwater solution that the tests were conducted with. Therefore, not all Preparation Blank analytes are <EQL.

The Preparation Blank for barium was greater than EQL for 6A04003-BLK1 for ICP-OES Vadose-CEC. The measured concentration in the preparation blank was less than 20 times the concentration measured in the sample. There should be no impact to data as reported.

The Preparation Blank for magnesium was greater than EQL for 6A04003-BLK1 for ICP-OES Vadose-CEC. The measured concentration in the preparation blank was less than 20 times the concentration measured in the sample. There should be no impact to data as reported.

The Preparation Blank for sodium was greater than EQL for 6A04003-BLK1 for ICP-OES Vadose-CEC. The measured concentration in the preparation blank was less than 20 times the concentration measured in the sample. There should be no impact to data as reported.

The Preparation Blank for chromium was greater than EQL in 6B11003-BLK1 for ICPMS-RCRA-AE. The measured concentration in the preparation blank is less than 20 times the concentration measured in the samples. There should be no impact to the sample data.

Duplicate (DUP):

Duplicate RPD for chloride for 6B04002-DUP3 (88%) was above the acceptance limit (35%) for Anions by IC-SE. All other duplicates and QC associateed with chloride in this batch were within limits. Duplicate failure may be due to sample heterogeneity.

Case Narrative Report

Laboratory Control Samples (LCS):

The Laboratory Control Samples recovery for calcium (157%) was outside acceptable limits (80-120%) for 6A04005-BS1 for ICP-OES Vadose-SE. Calcium is contained within the matrix of the simulated groundwater solution used for these extractions and for this blank spike. The post spike for calcium passed.

The Laboratory Control Samples recovery for calcium (167%) was outside acceptable limits (80-120%) for 6A04005-BS2 for ICP-OES Vadose-SE. Calcium is contained within the matrix of the simulated groundwater solution used for these extractions and for this blank spike. The post spike for calcium passed.

The Laboratory Control Samples recovery for calcium (157%) was outside acceptable limits (80-120%) for 6A04005-BS3 for ICP-OES Vadose-SE. Calcium is contained within the matrix of the simulated groundwater solution used for these extractions and for this blank spike. The post spike for calcium passed.

The Laboratory Control Samples recovery for magnesium (144%) was outside acceptable limits (80-120%) for 6A04005-BS1 for ICP-OES Vadose-SE. Magnesium is contained within the matrix of the simulated groundwater solution used for these extractions and for this blank spike. The post spike for magnesium passed.

The Laboratory Control Samples recovery for magnesium (142%) was outside acceptable limits (80-120%) for 6A04005-BS2 for ICP-OES Vadose-SE. Magnesium is contained within the matrix of the simulated groundwater solution used for these extractions and for this blank spike. The post spike for magnesium passed.

The Laboratory Control Samples recovery for magnesium (140%) was outside acceptable limits (80-120%) for 6A04005-BS3 for ICP-OES Vadose-SE. Magnesium is contained within the matrix of the simulated groundwater solution used for these extractions and for this blank spike. The post spike for magnesium passed.

Laboratory Control Sample recovery for Sulfate (76%) was outside acceptable limits (80-120%) for sample 6B04002-BS1. The native sample concentration of sulfate contained within the simulated groundwater solution is more than 3 times higher than the concentration of the spike. All other analytes for the Blank Spikes were within limits.

Post Spike (PS):

The Post Spike recovery for calcium (-15.2) was outside acceptable limits (75-125%) in 6A04003-PS1 for ICP-OES Vadose-CEC. The native sample concentration was greater than 5 times the spike concentration. There should be no impact to data as reported.

The Post-Spike recovery for Cesium for 6B11003-PS1 was outside of acceptable limitis (75-125%) for ICPMS-RCRA-AE. The native sample concentration was greater than 5 times the spike concentration. There should be no impact to data as reported.

Post-Spike recovery for calcium (1430%) was outside acceptable limits (75-125%) for sample 6B10011-PS1 for ICP-OES Vadose-AE. The concentration of the analyte in the original sample was greater than 5 times the spiked concentration. There should be no impact to the data as reported.

Post-Spike recovery for magnesium (1760%) was outside acceptable limits (75-125%) for sample 6B10011-PS1 for ICP-OES Vadose-AE. The concentration of the analyte in the original sample was greater than 5 times the spiked concentration. There should be no impact to the data as reported.

Post Spike (PS):

Post-Spike recovery for sodium (-56.1%) was outside acceptable limits (75-125%) for sample 6B10011-PS1 for ICP-OES Vadose-AE. The concentration of the analyte in the original sample was greater than 5 times the spiked concentration. There should be no impact to the data as reported.

The Post-Spike recovery for calcium (375%) was outside acceptable limits (75-125%) in 6B10009-PS1 for ICP-OES Vadose-CEC. The native sample concentration was greater than 5 times the spike concentration. There should be no impact to data as reported.

Other QC Criteria:

The Serial Dilution recovery for silicon (12.8%) was outside acceptable limits (within 10%) in E602032-SRD1 for ICP-OES Vadose-CEC. The sample concentration was not greater than 10 times the IDL after a 5-fold dilution. There should be no impact to data as reported.

Wet Chemistry

Alkalinity as CaCO3 (ug/g dry) by Standard Methods 2320B

Lab ID	Client ID.	Results	EQL	Analyzed	Batch
1512004-01	1507016-05 3 day	1.35E2	4.27E1	1/21/16	6A21002
1512004-02	1507016-05 7 day	1.36E2	4.27E1	1/21/16	6A21002
1512004-03	1507016-05 14 day	1.47E2	4.34E1	1/21/16	6A21002
1512004-04	B31VH2 <2mm 3 day	3.14E2	7.44E1	2/04/16	6B04003
1512004-05	B31VH2 <2mm 7 day	3.24E2	7.05E1	2/04/16	6B04003
1512004-06	B31VH2 <2mm 14 day	3.20E2	6.83E1	2/04/16	6B04003
1512004-07	B31VN3 <2mm 3 day	1.73E2	5.48E1	2/04/16	6B04003
1512004-08	B31VN3 <2mm 7 day	2.27E2	7.39E1	2/04/16	6B04003
1512004-09	B31VN3 <2mm 14 day	2.03E2	6.50E1	2/04/16	6B04003

Wet Chemistry

Moisture Content (% by Weight) by PNNL-ESL-WC

Lab ID	Client ID.	Results	EQL	Analyzed	Batch
1507016-05	composite <2mm	6.55E-1	N/A	10/16/15	5J07001
1507016-10	B31VH2 <2mm	9.57E0	N/A	2/18/16	6A07004
1507016-11	B31VN3 <2mm	1.82E0	N/A	2/18/16	6A07004

Wet Chemistry

pH (pH Units) by PNNL-ESL-pH

Lab ID	Client ID.	Results	EQL	Analyzed	Batch
1512004-01	1507016-05 3 day	8.33E0	N/A	12/11/15	5L10002
1512004-02	1507016-05 7 day	8.41E0	N/A	12/15/15	5L10002
1512004-03	1507016-05 14 day	8.36E0	N/A	12/22/15	5L10002
1512004-04	B31VH2 <2mm 3 day	1.07E1	N/A	1/12/16	6A14001
1512004-05	B31VH2 <2mm 7 day	1.08E1	N/A	1/27/16	6A14001
1512004-06	B31VH2 <2mm 14 day	1.09E1	N/A	1/27/16	6A14001
1512004-07	B31VN3 <2mm 3 day	8.70E0	N/A	1/12/16	6A14001
1512004-08	B31VN3 <2mm 7 day	8.46E0	N/A	1/27/16	6A14001
1512004-09	B31VN3 <2mm 14 day	8.67E0	N/A	1/27/16	6A14001

Anions by Ion Chromatography

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
Client ID.	**1507016-05 3 day**		**Lab ID:**	**1512004-01**			
16984-48-8	Fluoride	5.98E-1	ug/g dry	3.62E-1	1/06/16	6A05003	PNNL-ESL-IC
16887-00-6	Chloride	4.24E0	ug/g dry	9.06E-1	1/06/16	6A05003	PNNL-ESL-IC
14797-65-0	Nitrite	<1.81E0	ug/g dry	1.81E0	1/06/16	6A05003	PNNL-ESL-IC
24959-67-9	Bromide	<1.81E0	ug/g dry	1.81E0	1/06/16	6A05003	PNNL-ESL-IC
14797-55-8	Nitrate	6.28E1	ug/g dry	1.81E0	1/06/16	6A05003	PNNL-ESL-IC
14808-79-8	Sulfate	1.92E2	ug/g dry	2.72E0	1/06/16	6A05003	PNNL-ESL-IC
14265-44-2	Phosphate	<2.72E0	ug/g dry	2.72E0	1/06/16	6A05003	PNNL-ESL-IC
Client ID.	**1507016-05 7 day**		**Lab ID:**	**1512004-02**			
16984-48-8	Fluoride	6.88E-1	ug/g dry	3.62E-1	1/06/16	6A05003	PNNL-ESL-IC
16887-00-6	Chloride	4.33E0	ug/g dry	9.06E-1	1/06/16	6A05003	PNNL-ESL-IC
14797-65-0	Nitrite	<1.81E0	ug/g dry	1.81E0	1/06/16	6A05003	PNNL-ESL-IC
24959-67-9	Bromide	<1.81E0	ug/g dry	1.81E0	1/06/16	6A05003	PNNL-ESL-IC
14797-55-8	Nitrate	6.20E1	ug/g dry	1.81E0	1/06/16	6A05003	PNNL-ESL-IC
14808-79-8	Sulfate	1.88E2	ug/g dry	2.72E0	1/06/16	6A05003	PNNL-ESL-IC
14265-44-2	Phosphate	<2.72E0	ug/g dry	2.72E0	1/06/16	6A05003	PNNL-ESL-IC
Client ID.	**1507016-05 14 day**		**Lab ID:**	**1512004-03**			
16984-48-8	Fluoride	8.28E-1	ug/g dry	3.68E-1	1/06/16	6A05003	PNNL-ESL-IC
16887-00-6	Chloride	3.90E0	ug/g dry	9.20E-1	1/06/16	6A05003	PNNL-ESL-IC
14797-65-0	Nitrite	<1.84E0	ug/g dry	1.84E0	1/06/16	6A05003	PNNL-ESL-IC
24959-67-9	Bromide	<1.84E0	ug/g dry	1.84E0	1/06/16	6A05003	PNNL-ESL-IC
14797-55-8	Nitrate	6.27E1	ug/g dry	1.84E0	1/06/16	6A05003	PNNL-ESL-IC
14808-79-8	Sulfate	1.92E2	ug/g dry	2.76E0	1/06/16	6A05003	PNNL-ESL-IC
14265-44-2	Phosphate	<2.76E0	ug/g dry	2.76E0	1/06/16	6A05003	PNNL-ESL-IC
Client ID.	**B31VH2 <2mm 3 day**		**Lab ID:**	**1512004-04**			
16984-48-8	Fluoride	<6.14E-1	ug/g dry	6.14E-1	2/15/16	6B04002	PNNL-ESL-IC
16887-00-6	Chloride	2.53E1	ug/g dry	1.53E0	2/15/16	6B04002	PNNL-ESL-IC
14797-65-0	Nitrite	<3.07E0	ug/g dry	3.07E0	2/15/16	6B04002	PNNL-ESL-IC
24959-67-9	Bromide	<3.07E0	ug/g dry	3.07E0	2/15/16	6B04002	PNNL-ESL-IC
14797-55-8	Nitrate	1.36E2	ug/g dry	3.07E0	2/15/16	6B04002	PNNL-ESL-IC
14808-79-8	Sulfate	4.63E2	ug/g dry	4.60E0	2/15/16	6B04002	PNNL-ESL-IC
14265-44-2	Phosphate	<4.60E0	ug/g dry	4.60E0	2/15/16	6B04002	PNNL-ESL-IC
Client ID.	**B31VH2 <2mm 7 day**		**Lab ID:**	**1512004-05**			
16984-48-8	Fluoride	<5.81E-1	ug/g dry	5.81E-1	2/15/16	6B04002	PNNL-ESL-IC
16887-00-6	Chloride	1.63E1	ug/g dry	1.45E0	2/15/16	6B04002	PNNL-ESL-IC
14797-65-0	Nitrite	<2.90E0	ug/g dry	2.90E0	2/15/16	6B04002	PNNL-ESL-IC
24959-67-9	Bromide	<2.90E0	ug/g dry	2.90E0	2/15/16	6B04002	PNNL-ESL-IC
14797-55-8	Nitrate	1.30E2	ug/g dry	2.90E0	2/15/16	6B04002	PNNL-ESL-IC
14808-79-8	Sulfate	4.34E2	ug/g dry	4.36E0	2/15/16	6B04002	PNNL-ESL-IC
14265-44-2	Phosphate	<4.36E0	ug/g dry	4.36E0	2/15/16	6B04002	PNNL-ESL-IC
Client ID.	**B31VH2 <2mm 14 day**		**Lab ID:**	**1512004-06**			
16984-48-8	Fluoride	<5.62E-1	ug/g dry	5.62E-1	2/15/16	6B04002	PNNL-ESL-IC
16887-00-6	Chloride	1.39E1	ug/g dry	1.40E0	2/15/16	6B04002	PNNL-ESL-IC
14797-65-0	Nitrite	<2.81E0	ug/g dry	2.81E0	2/15/16	6B04002	PNNL-ESL-IC
24959-67-9	Bromide	<2.81E0	ug/g dry	2.81E0	2/15/16	6B04002	PNNL-ESL-IC
14797-55-8	Nitrate	1.26E2	ug/g dry	2.81E0	2/15/16	6B04002	PNNL-ESL-IC
14808-79-8	Sulfate	4.31E2	ug/g dry	4.21E0	2/15/16	6B04002	PNNL-ESL-IC
14265-44-2	Phosphate	<4.21E0	ug/g dry	4.21E0	2/15/16	6B04002	PNNL-ESL-IC
Client ID.	**B31VN3 <2mm 3 day**		**Lab ID:**	**1512004-07**			

Anions by Ion Chromatography

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
Client ID.	**B31VN3 <2mm 3 day**		**Lab ID:**	**1512004-07**			
16984-48-8	Fluoride	1.30E0	ug/g dry	4.63E-1	2/15/16	6B04002	PNNL-ESL-IC
16887-00-6	Chloride	8.75E0	ug/g dry	1.16E0	2/15/16	6B04002	PNNL-ESL-IC
14797-65-0	Nitrite	<2.31E0	ug/g dry	2.31E0	2/15/16	6B04002	PNNL-ESL-IC
24959-67-9	Bromide	<2.31E0	ug/g dry	2.31E0	2/15/16	6B04002	PNNL-ESL-IC
14797-55-8	Nitrate	9.41E1	ug/g dry	2.31E0	2/15/16	6B04002	PNNL-ESL-IC
14808-79-8	Sulfate	2.37E2	ug/g dry	3.47E0	2/15/16	6B04002	PNNL-ESL-IC
14265-44-2	Phosphate	<3.47E0	ug/g dry	3.47E0	2/15/16	6B04002	PNNL-ESL-IC
Client ID.	**B31VN3 <2mm 7 day**		**Lab ID:**	**1512004-08**			
16984-48-8	Fluoride	1.69E0	ug/g dry	6.25E-1	2/15/16	6B04002	PNNL-ESL-IC
16887-00-6	Chloride	1.34E1	ug/g dry	1.56E0	2/15/16	6B04002	PNNL-ESL-IC
14797-65-0	Nitrite	<3.12E0	ug/g dry	3.12E0	2/15/16	6B04002	PNNL-ESL-IC
24959-67-9	Bromide	<3.12E0	ug/g dry	3.12E0	2/15/16	6B04002	PNNL-ESL-IC
14797-55-8	Nitrate	1.26E2	ug/g dry	3.12E0	2/15/16	6B04002	PNNL-ESL-IC
14808-79-8	Sulfate	3.10E2	ug/g dry	4.69E0	2/15/16	6B04002	PNNL-ESL-IC
14265-44-2	Phosphate	<4.69E0	ug/g dry	4.69E0	2/15/16	6B04002	PNNL-ESL-IC
Client ID.	**B31VN3 <2mm 14 day**		**Lab ID:**	**1512004-09**			
16984-48-8	Fluoride	1.62E0	ug/g dry	5.50E-1	2/15/16	6B04002	PNNL-ESL-IC
16887-00-6	Chloride	2.20E1	ug/g dry	1.37E0	2/15/16	6B04002	PNNL-ESL-IC
14797-65-0	Nitrite	<2.75E0	ug/g dry	2.75E0	2/15/16	6B04002	PNNL-ESL-IC
24959-67-9	Bromide	<2.75E0	ug/g dry	2.75E0	2/15/16	6B04002	PNNL-ESL-IC
14797-55-8	Nitrate	1.09E2	ug/g dry	2.75E0	2/15/16	6B04002	PNNL-ESL-IC
14808-79-8	Sulfate	2.76E2	ug/g dry	4.12E0	2/15/16	6B04002	PNNL-ESL-IC
14265-44-2	Phosphate	<4.12E0	ug/g dry	4.12E0	2/15/16	6B04002	PNNL-ESL-IC

Total Metals by PNNL-ESL-ICP-AES/Special Extract

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
Client ID.	**1507016-05 3 day**		**Lab ID:**	**1512004-01**			
7440-70-2	Calcium	5.46E1	ug/g dry	2.73E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-09-7	Potassium	1.62E1	ug/g dry	7.80E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	1.14E1	ug/g dry	2.95E-1	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-24-6	Strontium	<4.84E-1	ug/g dry	4.84E-1	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-23-5	Sodium	8.31E1	ug/g dry	4.81E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.49E1	ug/g dry	2.68E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	6.58E1	ug/g dry	1.28E1	1/05/16	6A04005	PNNL-ESL-ICP-OES
Client ID.	**1507016-05 7 day**		**Lab ID:**	**1512004-02**			
7440-70-2	Calcium	5.27E1	ug/g dry	2.73E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-09-7	Potassium	1.61E1	ug/g dry	7.79E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	1.12E1	ug/g dry	2.95E-1	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-24-6	Strontium	<4.84E-1	ug/g dry	4.84E-1	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-23-5	Sodium	8.43E1	ug/g dry	4.81E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.45E1	ug/g dry	2.68E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	6.40E1	ug/g dry	1.28E1	1/05/16	6A04005	PNNL-ESL-ICP-OES
Client ID.	**1507016-05 14 day**		**Lab ID:**	**1512004-03**			
7440-70-2	Calcium	5.40E1	ug/g dry	2.77E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-09-7	Potassium	1.82E1	ug/g dry	7.92E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	1.19E1	ug/g dry	3.00E-1	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-24-6	Strontium	<4.92E-1	ug/g dry	4.92E-1	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-23-5	Sodium	8.75E1	ug/g dry	4.89E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.57E1	ug/g dry	2.72E0	1/05/16	6A04005	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	6.55E1	ug/g dry	1.30E1	1/05/16	6A04005	PNNL-ESL-ICP-OES
Client ID.	**B31VH2 <2mm 3 day**		**Lab ID:**	**1512004-04**			
7440-70-2	Calcium	9.08E1	ug/g dry	2.31E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-09-7	Potassium	4.34E1	ug/g dry	6.61E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	<2.50E-1	ug/g dry	2.50E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-24-6	Strontium	<4.10E-1	ug/g dry	4.10E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.12E2	ug/g dry	2.27E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	1.78E2	ug/g dry	1.08E1	2/10/16	6B10010	PNNL-ESL-ICP-OES
Client ID.	**B31VH2 <2mm 7 day**		**Lab ID:**	**1512004-05**			
7440-70-2	Calcium	8.83E1	ug/g dry	2.19E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-09-7	Potassium	3.26E1	ug/g dry	6.25E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	<2.37E-1	ug/g dry	2.37E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-24-6	Strontium	<3.88E-1	ug/g dry	3.88E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.18E2	ug/g dry	2.15E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	1.69E2	ug/g dry	1.03E1	2/10/16	6B10010	PNNL-ESL-ICP-OES
Client ID.	**B31VH2 <2mm 14 day**		**Lab ID:**	**1512004-06**			
7440-70-2	Calcium	8.90E1	ug/g dry	2.12E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-09-7	Potassium	3.12E1	ug/g dry	6.05E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	2.49E-1	ug/g dry	2.29E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-24-6	Strontium	<3.75E-1	ug/g dry	3.75E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.17E2	ug/g dry	2.08E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	1.67E2	ug/g dry	9.92E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
Client ID.	**B31VN3 <2mm 3 day**		**Lab ID:**	**1512004-07**			
7440-70-2	Calcium	5.10E1	ug/g dry	1.74E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-09-7	Potassium	3.16E1	ug/g dry	4.98E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	1.43E1	ug/g dry	1.88E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES

Total Metals by PNNL-ESL-ICP-AES/Special Extract

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
Client ID.	**B31VN3 <2mm 3 day**		**Lab ID:**	**1512004-07**			
7440-24-6	Strontium	3.20E-1	ug/g dry	3.09E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.52E1	ug/g dry	1.71E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	9.20E1	ug/g dry	8.17E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
Client ID.	**B31VN3 <2mm 7 day**		**Lab ID:**	**1512004-08**			
7440-70-2	Calcium	6.80E1	ug/g dry	2.36E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-09-7	Potassium	4.72E1	ug/g dry	6.72E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	2.04E1	ug/g dry	2.55E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-24-6	Strontium	4.23E-1	ug/g dry	4.17E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-21-3	Silicon	2.08E1	ug/g dry	2.31E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	1.21E2	ug/g dry	1.10E1	2/10/16	6B10010	PNNL-ESL-ICP-OES
Client ID.	**B31VN3 <2mm 14 day**		**Lab ID:**	**1512004-09**			
7440-70-2	Calcium	6.06E1	ug/g dry	2.07E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-09-7	Potassium	4.04E1	ug/g dry	5.91E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	1.76E1	ug/g dry	2.24E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-24-6	Strontium	3.80E-1	ug/g dry	3.67E-1	2/10/16	6B10010	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.90E1	ug/g dry	2.03E0	2/10/16	6B10010	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	1.08E2	ug/g dry	9.71E0	2/10/16	6B10010	PNNL-ESL-ICP-OES

Total Metals by PNNL-ESL-ICP-AES/Acid Extract

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
Client ID.	**composite <2mm**		**Lab ID:**	**1507016-05**			
7440-70-2	Calcium	5.15E3	ug/g dry	3.14E0	1/05/16	6A04001	PNNL-ESL-ICP-OES
7440-47-3	Chromium	1.01E1	ug/g dry	2.64E-1	1/05/16	6A04001	PNNL-ESL-ICP-OES
7440-09-7	Potassium	8.23E2	ug/g dry	1.16E1	1/05/16	6A04001	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	2.68E3	ug/g dry	8.60E0	1/05/16	6A04001	PNNL-ESL-ICP-OES
7440-24-6	Strontium	2.16E1	ug/g dry	1.97E-1	1/05/16	6A04001	PNNL-ESL-ICP-OES
7440-23-5	Sodium	3.16E2	ug/g dry	8.51E0	1/05/16	6A04001	PNNL-ESL-ICP-OES
Client ID.	**B31VH2 <2mm**		**Lab ID:**	**1507016-10**			
7440-70-2	Calcium	2.18E4	ug/g dry	4.85E1	2/17/16	6B10011	PNNL-ESL-ICP-OES
7440-09-7	Potassium	9.82E2	ug/g dry	1.79E1	2/17/16	6B10011	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	5.18E3	ug/g dry	1.33E1	2/17/16	6B10011	PNNL-ESL-ICP-OES
7440-24-6	Strontium	4.22E1	ug/g dry	3.05E-1	2/17/16	6B10011	PNNL-ESL-ICP-OES
7440-23-5	Sodium	8.51E2	ug/g dry	1.32E1	2/17/16	6B10011	PNNL-ESL-ICP-OES
Client ID.	**B31VN3 <2mm**		**Lab ID:**	**1507016-11**			
7440-70-2	Calcium	7.54E3	ug/g dry	4.71E1	2/17/16	6B10011	PNNL-ESL-ICP-OES
7440-09-7	Potassium	1.10E3	ug/g dry	1.74E1	2/17/16	6B10011	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	3.85E3	ug/g dry	1.29E1	2/17/16	6B10011	PNNL-ESL-ICP-OES
7440-24-6	Strontium	3.44E1	ug/g dry	2.96E-1	2/17/16	6B10011	PNNL-ESL-ICP-OES
7440-23-5	Sodium	7.94E2	ug/g dry	1.28E1	2/17/16	6B10011	PNNL-ESL-ICP-OES

Total Metals by PNNL-ESL-ICP-AES/CEC

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
Client ID.	**composite <2mm**		**Lab ID:**	**1507016-05**			
7440-39-3	Barium	1.76E-2	mg/g dry	1.06E-4	1/05/16	6A04003	PNNL-ESL-ICP-OES
7440-70-2	Calcium	1.26E0	mg/g dry	1.43E-3	1/05/16	6A04003	PNNL-ESL-ICP-OES
7440-09-7	Potassium	8.68E-2	mg/g dry	8.61E-3	1/05/16	6A04003	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	8.12E-2	mg/g dry	9.97E-5	1/05/16	6A04003	PNNL-ESL-ICP-OES
7440-23-5	Sodium	4.94E-2	mg/g dry	1.30E-3	1/05/16	6A04003	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.25E-2	mg/g dry	3.81E-3	1/05/16	6A04003	PNNL-ESL-ICP-OES
Client ID.	**B31VH2 <2mm**		**Lab ID:**	**1507016-10**			
7440-70-2	Calcium	7.50E0	mg/g dry	1.27E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES
7440-09-7	Potassium	2.98E-1	mg/g dry	7.69E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	5.77E-2	mg/g dry	8.92E-5	2/10/16	6B10009	PNNL-ESL-ICP-OES
7440-23-5	Sodium	4.06E-1	mg/g dry	1.16E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.31E-1	mg/g dry	3.40E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	1.03E-1	mg/g dry	8.64E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES
Client ID.	**B31VN3 <2mm**		**Lab ID:**	**1507016-11**			
7440-70-2	Calcium	1.77E0	mg/g dry	1.09E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES
7440-09-7	Potassium	1.94E-1	mg/g dry	6.56E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES
7439-95-4	Magnesium	1.25E-1	mg/g dry	7.61E-5	2/10/16	6B10009	PNNL-ESL-ICP-OES
7440-23-5	Sodium	1.14E-1	mg/g dry	9.91E-4	2/10/16	6B10009	PNNL-ESL-ICP-OES
7440-21-3	Silicon	1.46E-2	mg/g dry	2.90E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES
7704-34-9	Sulfur	1.17E-2	mg/g dry	7.37E-3	2/10/16	6B10009	PNNL-ESL-ICP-OES

RCRA Metals By PNNL-ESL-ICPMS/Special Extract

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
Client ID.	**1507016-05 3 day**		**Lab ID:**	**1512004-01**			
13981-78-7	Chromium	<2.64E-3	ug/g dry	2.64E-3	1/11/16	6A11005	PNNL-ESL-ICPMS
7440-46-2	Cesium	<4.62E-4	ug/g dry	4.62E-4	1/11/16	6A11005	PNNL-ESL-ICPMS
Client ID.	**1507016-05 7 day**		**Lab ID:**	**1512004-02**			
13981-78-7	Chromium	<2.64E-3	ug/g dry	2.64E-3	1/11/16	6A11005	PNNL-ESL-ICPMS
7440-46-2	Cesium	<4.62E-4	ug/g dry	4.62E-4	1/11/16	6A11005	PNNL-ESL-ICPMS
Client ID.	**1507016-05 14 day**		**Lab ID:**	**1512004-03**			
13981-78-7	Chromium	<2.69E-3	ug/g dry	2.69E-3	1/11/16	6A11005	PNNL-ESL-ICPMS
7440-46-2	Cesium	<4.69E-4	ug/g dry	4.69E-4	1/11/16	6A11005	PNNL-ESL-ICPMS
Client ID.	**B31VH2 <2mm 3 day**		**Lab ID:**	**1512004-04**			
14092-98-9	Chromium	2.55E-2	ug/g dry	4.25E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
7440-46-2	Cesium	<1.57E-3	ug/g dry	1.57E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
Client ID.	**B31VH2 <2mm 7 day**		**Lab ID:**	**1512004-05**			
14092-98-9	Chromium	2.45E-2	ug/g dry	4.02E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
7440-46-2	Cesium	<1.48E-3	ug/g dry	1.48E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
Client ID.	**B31VH2 <2mm 14 day**		**Lab ID:**	**1512004-06**			
14092-98-9	Chromium	2.91E-2	ug/g dry	3.89E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
7440-46-2	Cesium	<1.43E-3	ug/g dry	1.43E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
Client ID.	**B31VN3 <2mm 3 day**		**Lab ID:**	**1512004-07**			
14092-98-9	Chromium	6.64E-3	ug/g dry	3.20E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
7440-46-2	Cesium	2.30E-2	ug/g dry	1.18E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
Client ID.	**B31VN3 <2mm 7 day**		**Lab ID:**	**1512004-08**			
14092-98-9	Chromium	<4.32E-3	ug/g dry	4.32E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
7440-46-2	Cesium	<1.59E-3	ug/g dry	1.59E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
Client ID.	**B31VN3 <2mm 14 day**		**Lab ID:**	**1512004-09**			
14092-98-9	Chromium	<3.80E-3	ug/g dry	3.80E-3	2/11/16	6B11010	PNNL-ESL-ICPMS
7440-46-2	Cesium	<1.40E-3	ug/g dry	1.40E-3	2/11/16	6B11010	PNNL-ESL-ICPMS

RCRA Metals By PNNL-ESL-ICPMS/Acid Extract

CAS #	Analyte	Results	Units	EQL	Analyzed	Batch	Method
Client ID.	**B31VH2 <2mm**		**Lab ID:**	**1507016-10**			
14092-98-9	Chromium	1.04E1	ug/g dry	4.78E-2	2/11/16	6B11003	PNNL-ESL-ICPMS
7440-46-2	Cesium	9.86E-1	ug/g dry	1.76E-2	2/11/16	6B11003	PNNL-ESL-ICPMS
Client ID.	**B31VN3 <2mm**		**Lab ID:**	**1507016-11**			
14092-98-9	Chromium	1.74E1	ug/g dry	4.65E-2	2/11/16	6B11003	PNNL-ESL-ICPMS
7440-46-2	Cesium	7.51E-1	ug/g dry	1.71E-2	2/11/16	6B11003	PNNL-ESL-ICPMS

Wet Chemistry - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5L10002 - Special Extraction (pH_EC_Alk)										
Blank (5L10002-BLK1)				Prepared: 12/10/15 Analyzed: 12/11/15						
pH	8.01E0	N/A	pH Units							
Blank (5L10002-BLK2)				Prepared: 12/10/15 Analyzed: 12/15/15						
pH	7.95E0	N/A	pH Units							
Blank (5L10002-BLK3)				Prepared: 12/10/15 Analyzed: 12/22/15						
pH	7.89E0	N/A	pH Units							
Duplicate (5L10002-DUP1)	**Source: 1512004-01**			Prepared: 12/10/15 Analyzed: 12/11/15						
pH	8.25E0	N/A	pH Units		8.33E0			0.965	35	
Duplicate (5L10002-DUP2)	**Source: 1512004-02**			Prepared: 12/10/15 Analyzed: 12/15/15						
pH	8.30E0	N/A	pH Units		8.41E0			1.32	35	
Duplicate (5L10002-DUP3)	**Source: 1512004-03**			Prepared: 12/10/15 Analyzed: 12/22/15						
pH	8.37E0	N/A	pH Units		8.36E0			0.120	35	
Batch 6A14001 - Special Extraction (pH_EC_Alk)										
Blank (6A14001-BLK1)				Prepared & Analyzed: 01/12/16						
pH	7.94E0	N/A	pH Units							
Blank (6A14001-BLK2)				Prepared & Analyzed: 01/27/16						
pH	7.95E0	N/A	pH Units							
Blank (6A14001-BLK3)				Prepared: 01/11/16 Analyzed: 01/27/16						
pH	7.94E0	N/A	pH Units							

Wet Chemistry - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A14001 - Special Extraction (pH_EC_Alk)										
Duplicate (6A14001-DUP1)		**Source: 1512004-07**		Prepared & Analyzed: 01/12/16						
pH	8.53E0	N/A	pH Units		8.70E0			1.97	35	
Duplicate (6A14001-DUP2)		**Source: 1512004-08**		Prepared & Analyzed: 01/27/16						
pH	8.39E0	N/A	pH Units		8.46E0			0.831	35	
Duplicate (6A14001-DUP3)		**Source: 1512004-09**		Prepared: 01/11/16 Analyzed: 01/27/16						
pH	8.61E0	N/A	pH Units		8.67E0			0.694	35	
Batch 6A21002 - Special Extraction (pH_EC_Alk)										
Blank (6A21002-BLK1)				Prepared & Analyzed: 01/21/16						
Alkalinity as CaCO3	5.35E1	2.35E1	ug/g wet							
Blank (6A21002-BLK2)				Prepared & Analyzed: 01/21/16						
Alkalinity as CaCO3	5.39E1	2.35E1	ug/g wet							
Blank (6A21002-BLK3)				Prepared & Analyzed: 01/21/16						
Alkalinity as CaCO3	5.35E1	2.35E1	ug/g wet							
Duplicate (6A21002-DUP1)		**Source: 1512004-01**		Prepared & Analyzed: 01/21/16						
Alkalinity as CaCO3	1.44E2	4.50E1	ug/g dry		1.35E2			6.42	35	
Duplicate (6A21002-DUP2)		**Source: 1512004-02**		Prepared & Analyzed: 01/21/16						
Alkalinity as CaCO3	1.38E2	4.33E1	ug/g dry		1.36E2			1.65	35	
Duplicate (6A21002-DUP3)		**Source: 1512004-03**		Prepared & Analyzed: 01/21/16						
Alkalinity as CaCO3	1.53E2	4.49E1	ug/g dry		1.47E2			3.76	35	

Wet Chemistry - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B04003 - Special Extraction (pH_EC_Alk)										
Blank (6B04003-BLK1)				Prepared & Analyzed: 02/04/16						
Alkalinity as CaCO3	5.15E1	2.35E1	ug/g wet							
Blank (6B04003-BLK2)				Prepared & Analyzed: 02/04/16						
Alkalinity as CaCO3	5.17E1	2.35E1	ug/g wet							
Blank (6B04003-BLK3)				Prepared & Analyzed: 02/04/16						
Alkalinity as CaCO3	5.15E1	2.35E1	ug/g wet							
Duplicate (6B04003-DUP1)	**Source: 1512004-07**			Prepared & Analyzed: 02/04/16						
Alkalinity as CaCO3	2.09E2	6.97E1	ug/g dry		1.73E2			18.5	35	
Duplicate (6B04003-DUP2)	**Source: 1512004-08**			Prepared & Analyzed: 02/04/16						
Alkalinity as CaCO3	1.94E2	6.48E1	ug/g dry		2.27E2			15.8	35	
Duplicate (6B04003-DUP3)	**Source: 1512004-09**			Prepared & Analyzed: 02/04/16						
Alkalinity as CaCO3	2.09E2	6.58E1	ug/g dry		2.03E2			2.63	35	

Anions by Ion Chromatography - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A05003 - Special Extract (IC)										
Blank (6A05003-BLK1)				Prepared & Analyzed: 01/06/16						
Fluoride	<2.00E-1	2.00E-1	ug/g wet							
Chloride	7.10E-1	5.00E-1	"							
Nitrite	<1.00E0	1.00E0	"							
Bromide	<1.00E0	1.00E0	"							
Nitrate	3.45E1	1.00E0	"							
Sulfate	8.81E1	1.50E0	"							
Phosphate	<1.50E0	1.50E0	"							
Blank (6A05003-BLK2)				Prepared & Analyzed: 01/06/16						
Fluoride	<2.00E-1	2.00E-1	ug/g wet							
Chloride	7.20E-1	5.00E-1	"							
Nitrite	<1.00E0	1.00E0	"							
Bromide	<1.00E0	1.00E0	"							
Nitrate	3.44E1	1.00E0	"							
Sulfate	8.80E1	1.50E0	"							
Phosphate	<1.50E0	1.50E0	"							
Blank (6A05003-BLK3)				Prepared & Analyzed: 01/06/16						
Fluoride	<2.00E-1	2.00E-1	ug/g wet							
Chloride	7.20E-1	5.00E-1	"							
Nitrite	<1.00E0	1.00E0	"							
Bromide	<1.00E0	1.00E0	"							
Nitrate	3.45E1	1.00E0	"							
Sulfate	8.78E1	1.50E0	"							
Phosphate	<1.50E0	1.50E0	"							
LCS (6A05003-BS1)				Prepared & Analyzed: 01/06/16						
Fluoride	2.96E0	2.00E-1	ug/g wet	3.00E0		98.7	80-120			
Chloride	8.10E0	5.00E-1	"	7.50E0		108	80-120			
Nitrite	1.50E1	1.00E0	"	1.50E1		99.7	80-120			
Bromide	1.48E1	1.00E0	"	1.50E1		98.9	80-120			
Nitrate	4.81E1	1.00E0	"	1.50E1		321	80-120			
Sulfate	1.06E2	1.50E0	"	2.25E1		472	80-120			
Phosphate	2.22E1	1.50E0	"	2.25E1		98.6	80-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A05003 - Special Extract (IC)										
LCS (6A05003-BS2)				Prepared: 01/06/16 Analyzed: 01/07/16						
Fluoride	2.99E0	2.00E-1	ug/g wet	3.00E0		99.7	80-120			
Chloride	8.13E0	5.00E-1	"	7.50E0		108	80-120			
Nitrite	1.51E1	1.00E0	"	1.50E1		100	80-120			
Bromide	1.50E1	1.00E0	"	1.50E1		99.8	80-120			
Nitrate	4.83E1	1.00E0	"	1.50E1		322	80-120			
Sulfate	1.07E2	1.50E0	"	2.25E1		476	80-120			
Phosphate	2.24E1	1.50E0	"	2.25E1		99.7	80-120			
LCS (6A05003-BS3)				Prepared: 01/06/16 Analyzed: 01/07/16						
Fluoride	3.08E0	2.00E-1	ug/g wet	3.00E0		103	80-120			
Chloride	8.35E0	5.00E-1	"	7.50E0		111	80-120			
Nitrite	1.56E1	1.00E0	"	1.50E1		104	80-120			
Bromide	1.54E1	1.00E0	"	1.50E1		103	80-120			
Nitrate	4.84E1	1.00E0	"	1.50E1		323	80-120			
Sulfate	1.07E2	1.50E0	"	2.25E1		475	80-120			
Phosphate	2.31E1	1.50E0	"	2.25E1		103	80-120			
Duplicate (6A05003-DUP1)		**Source: 1512004-01**		Prepared & Analyzed: 01/06/16						
Fluoride	5.91E-1	3.82E-1	ug/g dry		5.98E-1			1.09	20	
Chloride	4.23E0	9.54E-1	"		4.24E0			0.0993	20	
Nitrite	<1.91E0	1.91E0	"		ND				20	
Bromide	<1.91E0	1.91E0	"		ND				20	
Nitrate	6.64E1	1.91E0	"		6.28E1			5.54	20	
Sulfate	1.97E2	2.86E0	"		1.92E2			2.61	20	
Phosphate	<2.86E0	2.86E0	"		ND				20	
Duplicate (6A05003-DUP2)		**Source: 1512004-02**		Prepared & Analyzed: 01/06/16						
Fluoride	6.98E-1	3.67E-1	ug/g dry		6.88E-1			1.36	20	
Chloride	4.24E0	9.18E-1	"		4.33E0			2.05	20	
Nitrite	<1.84E0	1.84E0	"		ND				20	
Bromide	<1.84E0	1.84E0	"		ND				20	
Nitrate	6.33E1	1.84E0	"		6.20E1			2.14	20	
Sulfate	1.90E2	2.75E0	"		1.88E2			1.43	20	
Phosphate	<2.75E0	2.75E0	"		ND				20	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A05003 - Special Extract (IC)										
Duplicate (6A05003-DUP3)		**Source: 1512004-03**		Prepared & Analyzed: 01/06/16						
Fluoride	8.95E-1	3.81E-1	ug/g dry		8.28E-1			7.84	20	
Chloride	4.15E0	9.52E-1	"		3.90E0			6.28	20	
Nitrite	<1.90E0	1.90E0	"		ND				20	
Bromide	<1.90E0	1.90E0	"		ND				20	
Nitrate	6.51E1	1.90E0	"		6.27E1			3.76	20	
Sulfate	1.99E2	2.86E0	"		1.92E2			3.78	20	
Phosphate	<2.86E0	2.86E0	"		ND				20	
Post Spike (6A05003-PS1)		**Source: 1512004-01**		Prepared: 01/06/16 Analyzed: 01/07/16						
Fluoride	8.01E-1	N/A	ug/mL	8.00E-1	3.30E-2	96	75-125			
Chloride	2.15E0	N/A	"	2.00E0	2.34E-1	95.9	75-125			
Nitrite	3.82E0	N/A	"	4.00E0	ND	95.6	75-125			
Bromide	3.85E0	N/A	"	4.00E0	ND	96.3	75-125			
Nitrate	7.22E0	N/A	"	4.00E0	3.47E0	93.7	75-125			
Sulfate	1.60E1	N/A	"	6.00E0	1.06E1	90.2	75-125			
Phosphate	5.75E0	N/A	"	6.00E0	ND	95.8	75-125			
Batch 6B04002 - Special Extract (IC)										
Blank (6B04002-BLK1)				Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	<2.00E-1	2.00E-1	ug/g wet							
Chloride	5.20E-1	5.00E-1	"							
Nitrite	<1.00E0	1.00E0	"							
Bromide	<1.00E0	1.00E0	"							
Nitrate	4.19E1	1.00E0	"							
Sulfate	8.78E1	1.50E0	"							
Phosphate	<1.50E0	1.50E0	"							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B04002 - Special Extract (IC)										
Blank (6B04002-BLK2)				Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	<2.00E-1	2.00E-1	ug/g wet							
Chloride	7.80E-1	5.00E-1	"							
Nitrite	<1.00E0	1.00E0	"							
Bromide	<1.00E0	1.00E0	"							
Nitrate	4.18E1	1.00E0	"							
Sulfate	8.80E1	1.50E0	"							
Phosphate	<1.50E0	1.50E0	"							
Blank (6B04002-BLK3)				Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	<2.00E-1	2.00E-1	ug/g wet							
Chloride	5.60E-1	5.00E-1	"							
Nitrite	<1.00E0	1.00E0	"							
Bromide	<1.00E0	1.00E0	"							
Nitrate	4.16E1	1.00E0	"							
Sulfate	8.79E1	1.50E0	"							
Phosphate	<1.50E0	1.50E0	"							
LCS (6B04002-BS1)				Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	2.96E0	2.00E-1	ug/g wet	3.00E0		98.7	80-120			
Chloride	7.93E0	5.00E-1	"	7.50E0		106	80-120			
Nitrite	1.52E1	1.00E0	"	1.50E1		101	80-120			
Bromide	1.50E1	1.00E0	"	1.50E1		100	80-120			
Nitrate	5.38E1	1.00E0	"	1.50E1		359	80-120			
Sulfate	1.05E2	1.50E0	"	2.25E1		467	80-120			
Phosphate	2.16E1	1.50E0	"	2.25E1		95.9	80-120			
LCS (6B04002-BS2)				Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	2.99E0	2.00E-1	ug/g wet	3.00E0		99.7	80-120			
Chloride	8.02E0	5.00E-1	"	7.50E0		107	80-120			
Nitrite	1.54E1	1.00E0	"	1.50E1		103	80-120			
Bromide	1.51E1	1.00E0	"	1.50E1		101	80-120			
Nitrate	5.43E1	1.00E0	"	1.50E1		362	80-120			
Sulfate	1.06E2	1.50E0	"	2.25E1		471	80-120			
Phosphate	2.18E1	1.50E0	"	2.25E1		97.0	80-120			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B04002 - Special Extract (IC)										
LCS (6B04002-BS3)				Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	3.01E0	2.00E-1	ug/g wet	3.00E0		100	80-120			
Chloride	7.99E0	5.00E-1	"	7.50E0		107	80-120			
Nitrite	1.52E1	1.00E0	"	1.50E1		101	80-120			
Bromide	1.50E1	1.00E0	"	1.50E1		100	80-120			
Nitrate	5.42E1	1.00E0	"	1.50E1		361	80-120			
Sulfate	1.06E2	1.50E0	"	2.25E1		470	80-120			
Phosphate	2.19E1	1.50E0	"	2.25E1		97.3	80-120			
Duplicate (6B04002-DUP1)		**Source: 1512004-07**		Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	1.33E0	5.89E-1	ug/g dry		1.30E0			2.28	20	
Chloride	1.03E1	1.47E0	"		8.75E0			16.7	20	
Nitrite	<2.95E0	2.95E0	"		ND				20	
Bromide	<2.95E0	2.95E0	"		ND				20	
Nitrate	1.21E2	2.95E0	"		9.41E1			25.0	20	
Sulfate	2.94E2	4.42E0	"		2.37E2			21.4	20	
Phosphate	<4.42E0	4.42E0	"		ND				20	
Duplicate (6B04002-DUP2)		**Source: 1512004-08**		Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	1.56E0	5.48E-1	ug/g dry		1.69E0			7.72	20	
Chloride	1.76E1	1.37E0	"		1.34E1			27.3	20	
Nitrite	<2.74E0	2.74E0	"		ND				20	
Bromide	<2.74E0	2.74E0	"		ND				20	
Nitrate	1.11E2	2.74E0	"		1.26E2			12.6	20	
Sulfate	2.79E2	4.11E0	"		3.10E2			10.5	20	
Phosphate	<4.11E0	4.11E0	"		ND				20	
Duplicate (6B04002-DUP3)		**Source: 1512004-09**		Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	1.64E0	5.56E-1	ug/g dry		1.62E0			1.15	20	
Chloride	8.56E0	1.39E0	"		2.20E1			88.0	20	
Nitrite	<2.78E0	2.78E0	"		ND				20	
Bromide	<2.78E0	2.78E0	"		ND				20	
Nitrate	1.11E2	2.78E0	"		1.09E2			1.40	20	
Sulfate	2.80E2	4.17E0	"		2.76E2			1.62	20	
Phosphate	<4.17E0	4.17E0	"		ND				20	

Anions by Ion Chromatography - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B04002 - Special Extract (IC)										
Post Spike (6B04002-PS1)		**Source: 1512004-04**		Prepared: 02/04/16 Analyzed: 02/15/16						
Fluoride	8.09E-1	N/A	ug/mL	7.69E-1	1.80E-2	103	75-125			
Chloride	2.75E0	N/A	"	1.92E0	8.24E-1	100	75-125			
Nitrite	3.86E0	N/A	"	3.85E0	ND	100	75-125			
Bromide	3.94E0	N/A	"	3.85E0	ND	102	75-125			
Nitrate	8.30E0	N/A	"	3.85E0	4.44E0	100	75-125			
Sulfate	2.04E1	N/A	"	5.77E0	1.51E1	92.4	75-125			
Phosphate	5.83E0	N/A	"	5.77E0	1.49E-1	98.5	75-125			

Total Metals by PNNL-ESL-ICP-AES/Special Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A04005 - Special Extract (ICP/ICPMS)										
Blank (6A04005-BLK1)				Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	8.29E0	7.54E-1	ug/g wet							
Potassium	1.17E1	2.15E0	"							
Magnesium	8.01E0	8.14E-2	"							
Strontium	<1.34E-1	1.34E-1	"							
Silicon	<7.40E-1	7.40E-1	"							
Sulfur	2.22E1	3.53E0	"							
Blank (6A04005-BLK2)				Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	5.81E0	7.54E-1	ug/g wet							
Potassium	8.20E0	2.15E0	"							
Magnesium	5.44E0	8.14E-2	"							
Strontium	<1.34E-1	1.34E-1	"							
Silicon	<7.40E-1	7.40E-1	"							
Sulfur	1.50E1	3.53E0	"							
Blank (6A04005-BLK3)				Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	1.01E1	7.54E-1	ug/g wet							
Potassium	1.45E1	2.15E0	"							
Magnesium	9.42E0	8.14E-2	"							
Strontium	<1.34E-1	1.34E-1	"							
Silicon	<7.40E-1	7.40E-1	"							
Sulfur	2.63E1	3.53E0	"							
LCS (6A04005-BS1)				Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	1.59E1	7.54E-1	ug/g wet	5.00E0		318	80-120			
Potassium	6.21E1	2.15E0	"	5.00E1		124	80-120			
Magnesium	1.48E1	8.14E-2	"	5.00E0		295	80-120			
Strontium	<1.34E-1	1.34E-1	"				80-120			
Silicon	5.35E0	7.40E-1	"	5.00E0		107	80-120			
Sulfur	2.63E1	3.53E0	"				80-120			

Total Metals by PNNL-ESL-ICP-AES/Special Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A04005 - Special Extract (ICP/ICPMS)										
LCS (6A04005-BS2)				Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	1.64E1	7.54E-1	ug/g wet	5.00E0		328	80-120			
Potassium	6.43E1	2.15E0	"	5.00E1		129	80-120			
Magnesium	1.47E1	8.14E-2	"	5.00E0		294	80-120			
Strontium	<1.34E-1	1.34E-1	"				80-120			
Silicon	5.34E0	7.40E-1	"	5.00E0		107	80-120			
Sulfur	2.66E1	3.53E0	"				80-120			
LCS (6A04005-BS3)				Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	1.59E1	7.54E-1	ug/g wet	5.00E0		317	80-120			
Potassium	6.26E1	2.15E0	"	5.00E1		125	80-120			
Magnesium	1.46E1	8.14E-2	"	5.00E0		292	80-120			
Strontium	<1.34E-1	1.34E-1	"				80-120			
Silicon	5.38E0	7.40E-1	"	5.00E0		108	80-120			
Sulfur	2.66E1	3.53E0	"				80-120			
Duplicate (6A04005-DUP1)		**Source: 1512004-01**		Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	5.94E1	2.88E0	ug/g dry		5.46E1			8.38	35	
Potassium	1.84E1	8.21E0	"		1.62E1			12.8	35	
Magnesium	1.18E1	3.11E-1	"		1.14E1			3.99	35	
Strontium	<5.10E-1	5.10E-1	"		ND				35	
Silicon	1.56E1	2.82E0	"		1.49E1			4.13	35	
Sulfur	6.77E1	1.35E1	"		6.58E1			2.84	35	
Duplicate (6A04005-DUP2)		**Source: 1512004-02**		Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	5.44E1	2.77E0	ug/g dry		5.27E1			3.18	35	
Potassium	1.72E1	7.90E0	"		1.61E1			6.83	35	
Magnesium	1.14E1	2.99E-1	"		1.12E1			1.91	35	
Strontium	<4.91E-1	4.91E-1	"		ND				35	
Silicon	1.56E1	2.72E0	"		1.45E1			7.40	35	
Sulfur	6.59E1	1.30E1	"		6.40E1			2.89	35	

Total Metals by PNNL-ESL-ICP-AES/Special Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A04005 - Special Extract (ICP/ICPMS)										
Duplicate (6A04005-DUP3)		**Source: 1512004-03**		Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	5.65E1	2.87E0	ug/g dry		5.40E1			4.57	35	
Potassium	1.84E1	8.20E0	"		1.82E1			0.917	35	
Magnesium	1.25E1	3.10E-1	"		1.19E1			4.90	35	
Strontium	<5.09E-1	5.09E-1	"		ND				35	
Silicon	1.64E1	2.82E0	"		1.57E1			4.29	35	
Sulfur	6.81E1	1.35E1	"		6.55E1			3.95	35	
Post Spike (6A04005-PS1)		**Source: 1512004-03**		Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	3.43E3	N/A	ug/L	5.00E2	2.93E3	99.6	75-125			
Potassium	2.29E3	N/A	"	1.25E3	9.92E2	104	75-125			
Magnesium	1.13E3	N/A	"	5.00E2	6.49E2	95.9	75-125			
Strontium	5.50E2	N/A	"	5.00E2	1.60E1	107	75-125			
Silicon	1.37E3	N/A	"	5.00E2	8.55E2	104	75-125			
Sulfur	4.65E3	N/A	"	1.00E3	3.56E3	109	75-125			
Batch 6B10010 - Special Extract (ICP/ICPMS)										
Blank (6B10010-BLK1)				Prepared & Analyzed: 02/10/16						
Calcium	1.13E1	7.54E-1	ug/g wet							
Potassium	1.53E1	2.15E0	"							
Magnesium	1.17E1	8.14E-2	"							
Strontium	<1.34E-1	1.34E-1	"							
Silicon	<7.40E-1	7.40E-1	"							
Sulfur	3.35E1	3.53E0	"							
Blank (6B10010-BLK2)				Prepared & Analyzed: 02/10/16						
Calcium	1.13E1	7.54E-1	ug/g wet							
Potassium	1.54E1	2.15E0	"							
Magnesium	1.17E1	8.14E-2	"							
Strontium	<1.34E-1	1.34E-1	"							
Silicon	<7.40E-1	7.40E-1	"							
Sulfur	3.41E1	3.53E0	"							

Total Metals by PNNL-ESL-ICP-AES/Special Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B10010 - Special Extract (ICP/ICPMS)										
Blank (6B10010-BLK3)				Prepared & Analyzed: 02/10/16						
Calcium	1.14E1	7.54E-1	ug/g wet							
Potassium	1.58E1	2.15E0	"							
Magnesium	1.18E1	8.14E-2	"							
Strontium	<1.34E-1	1.34E-1	"							
Silicon	<7.40E-1	7.40E-1	"							
Sulfur	3.39E1	3.53E0	"							
LCS (6B10010-BS1)				Prepared & Analyzed: 02/10/16						
Calcium	1.58E1	7.54E-1	ug/g wet	5.00E0		317	80-120			
Potassium	6.06E1	2.15E0	"	5.00E1		121	80-120			
Magnesium	1.61E1	8.14E-2	"	5.00E0		322	80-120			
Strontium	<1.34E-1	1.34E-1	"				80-120			
Silicon	5.11E0	7.40E-1	"	5.00E0		102	80-120			
Sulfur	3.06E1	3.53E0	"				80-120			
LCS (6B10010-BS2)				Prepared & Analyzed: 02/10/16						
Calcium	1.59E1	7.54E-1	ug/g wet	5.00E0		318	80-120			
Potassium	6.12E1	2.15E0	"	5.00E1		122	80-120			
Magnesium	1.61E1	8.14E-2	"	5.00E0		322	80-120			
Strontium	<1.34E-1	1.34E-1	"				80-120			
Silicon	5.14E0	7.40E-1	"	5.00E0		103	80-120			
Sulfur	3.06E1	3.53E0	"				80-120			
LCS (6B10010-BS3)				Prepared & Analyzed: 02/10/16						
Calcium	1.61E1	7.54E-1	ug/g wet	5.00E0		321	80-120			
Potassium	6.05E1	2.15E0	"	5.00E1		121	80-120			
Magnesium	1.59E1	8.14E-2	"	5.00E0		319	80-120			
Strontium	<1.34E-1	1.34E-1	"				80-120			
Silicon	5.05E0	7.40E-1	"	5.00E0		101	80-120			
Sulfur	3.00E1	3.53E0	"				80-120			

Total Metals by PNNL-ESL-ICP-AES/Special Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B10010 - Special Extract (ICP/ICPMS)										
Duplicate (6B10010-DUP1)		**Source: 1512004-07**		Prepared & Analyzed: 02/10/16						
Calcium	6.44E1	2.22E0	ug/g dry		5.10E1			23.2	35	
Potassium	4.06E1	6.34E0	"		3.16E1			24.8	35	
Magnesium	1.85E1	2.40E-1	"		1.43E1			25.5	35	
Strontium	3.96E-1	3.94E-1	"		3.20E-1			21.4	35	
Silicon	1.85E1	2.18E0	"		1.52E1			19.5	35	
Sulfur	1.15E2	1.04E1	"		9.20E1			21.8	35	
Duplicate (6B10010-DUP2)		**Source: 1512004-08**		Prepared & Analyzed: 02/10/16						
Calcium	5.86E1	2.07E0	ug/g dry		6.80E1			14.9	35	
Potassium	4.49E1	5.90E0	"		4.72E1			5.14	35	
Magnesium	1.72E1	2.23E-1	"		2.04E1			16.9	35	
Strontium	<3.66E-1	3.66E-1	"		4.23E-1				35	
Silicon	1.81E1	2.03E0	"		2.08E1			14.2	35	
Sulfur	1.08E2	9.68E0	"		1.21E2			11.4	35	
Duplicate (6B10010-DUP3)		**Source: 1512004-09**		Prepared & Analyzed: 02/10/16						
Calcium	5.91E1	2.10E0	ug/g dry		6.06E1			2.48	35	
Potassium	3.71E1	5.98E0	"		4.04E1			8.41	35	
Magnesium	1.74E1	2.26E-1	"		1.76E1			1.17	35	
Strontium	<3.71E-1	3.71E-1	"		3.80E-1				35	
Silicon	1.89E1	2.06E0	"		1.90E1			0.551	35	
Sulfur	1.08E2	9.82E0	"		1.08E2			0.850	35	
Post Spike (6B10010-PS1)		**Source: 1512004-09**		Prepared & Analyzed: 02/10/16						
Calcium	4.92E3	N/A	ug/L	5.00E2	4.41E3	102	75-125			
Potassium	4.19E3	N/A	"	1.25E3	2.94E3	100	75-125			
Magnesium	1.87E3	N/A	"	5.00E2	1.28E3	117	75-125			
Strontium	5.94E2	N/A	"	5.00E2	2.77E1	113	75-125			
Silicon	1.90E3	N/A	"	5.00E2	1.38E3	104	75-125			
Sulfur	8.84E3	N/A	"	1.00E3	7.83E3	102	75-125			

Total Metals by PNNL-ESL-ICP-AES/Acid Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A04001 - ASTM D 5198 (ICP/ICPMS)										
Blank (6A04001-BLK1)				Prepared: 01/04/16 Analyzed: 01/05/16						
Aluminum	<6.76E-1	6.76E-1	ug/g wet							
Barium	<4.12E-2	4.12E-2	"							
Calcium	<7.02E-1	7.02E-1	"							
Cobalt	<1.44E-1	1.44E-1	"							
Chromium	<5.90E-2	5.90E-2	"							
Copper	<1.93E-1	1.93E-1	"							
Iron	<1.82E-1	1.82E-1	"							
Potassium	<2.59E0	2.59E0	"							
Lithium	<6.28E-1	6.28E-1	"							
Magnesium	<1.92E-1	1.92E-1	"							
Manganese	<6.04E-2	6.04E-2	"							
Nickel	<1.40E-1	1.40E-1	"							
Phosphorus	<8.93E-1	8.93E-1	"							
Lead	<3.02E-1	3.02E-1	"							
Strontium	<4.40E-2	4.40E-2	"							
Vanadium	<1.21E-1	1.21E-1	"							
Zinc	<1.10E-1	1.10E-1	"							
Sodium	<1.90E0	1.90E0	"							
Sulfur	<3.22E0	3.22E0	"							
Titanium	<1.55E-1	1.55E-1	"							
Zirconium	<8.10E-2	8.10E-2	"							
Silver	<9.16E-2	9.16E-2	"							
Rhenium	<2.81E-1	2.81E-1	"							
Tin	<3.51E-1	3.51E-1	"							
LCS (6A04001-BS1)				Prepared: 01/04/16 Analyzed: 01/05/16						
Aluminum	5.36E0	6.76E-1	ug/g wet	6.57E0		81.7	80-120			
Barium	6.45E0	4.12E-2	"	6.57E0		98.2	80-120			
Calcium	6.45E0	7.02E-1	"	6.57E0		98.3	80-120			
Cobalt	5.95E0	1.44E-1	"	6.57E0		90.6	80-120			
Chromium	5.98E0	5.90E-2	"	6.57E0		91.0	80-120			
Copper	6.41E0	1.93E-1	"	6.57E0		97.6	80-120			
Iron	6.01E0	1.82E-1	"	6.57E0		91.5	80-120			
Potassium	5.95E1	2.59E0	"	6.57E1		90.6	80-120			
Lithium	<6.28E-1	6.28E-1	"				80-120			
Magnesium	5.65E0	1.92E-1	"	6.57E0		86.0	80-120			
Manganese	6.02E0	6.04E-2	"	6.57E0		91.7	80-120			
Nickel	5.95E0	1.40E-1	"	6.57E0		90.6	80-120			
Phosphorus	<8.93E-1	8.93E-1	"				80-120			
Lead	6.16E0	3.02E-1	"	6.57E0		93.8	80-120			
Strontium	<4.40E-2	4.40E-2	"				80-120			
Vanadium	6.18E0	1.21E-1	"	6.57E0		94.1	80-120			
Zinc	5.44E0	1.10E-1	"	6.57E0		82.9	80-120			
Sodium	7.44E0	1.90E0	"	6.57E0		113	80-120			
Sulfur	<3.22E0	3.22E0	"				80-120			
Titanium	5.93E0	1.55E-1	"	6.57E0		90.3	80-120			
Zirconium	<8.10E-2	8.10E-2	"				80-120			
Silver	6.01E0	9.16E-2	"	6.57E0		91.5	80-120			
Rhenium	6.02E0	2.81E-1	"	6.57E0		91.7	80-120			
Tin	<3.51E-1	3.51E-1	"				80-120			

Total Metals by PNNL-ESL-ICP-AES/Acid Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A04001 - ASTM D 5198 (ICP/ICPMS)										
Duplicate (6A04001-DUP1)	**Source: 1509005-88**			Prepared: 01/04/16 Analyzed: 01/05/16						
Aluminum	5.47E3	3.51E0	ug/g wet		5.40E3			1.27	35	
Barium	2.48E1	2.14E-1	"		2.47E1			0.746	35	
Calcium	2.61E3	3.65E0	"		2.67E3			2.21	35	
Cobalt	3.73E0	7.51E-1	"		3.87E0			3.68	35	
Chromium	5.57E0	3.06E-1	"		5.97E0			7.03	35	
Copper	5.91E0	1.00E0	"		6.00E0			1.62	35	
Iron	7.57E3	9.45E-1	"		1.01E4			28.9	35	
Potassium	6.70E2	1.34E1	"		6.60E2			1.48	35	
Lithium	6.41E0	3.26E0	"		6.36E0			0.830	35	
Magnesium	1.97E3	1.00E0	"		2.60E3			27.7	35	
Manganese	1.02E2	3.14E-1	"		1.05E2			3.47	35	
Nickel	8.08E0	7.28E-1	"		8.32E0			2.91	35	
Phosphorus	2.84E2	4.64E0	"		3.07E2			7.60	35	
Lead	1.98E0	1.57E0	"		2.33E0			16.3	35	
Strontium	1.49E1	2.29E-1	"		1.63E1			8.93	35	
Vanadium	2.20E1	6.28E-1	"		2.28E1			3.38	35	
Zinc	3.20E1	5.73E-1	"		3.37E1			5.17	35	
Sodium	1.61E2	9.90E0	"		1.66E2			3.36	35	
Sulfur	3.83E1	1.67E1	"		4.02E1			4.63	35	
Titanium	3.68E2	8.05E-1	"		3.83E2			4.12	35	
Zirconium	4.07E0	4.21E-1	"		4.22E0			3.52	35	
Silver	8.50E-1	4.76E-1	"		9.81E-1			14.3	35	
Rhenium	<1.46E0	1.46E0	"		ND				35	
Tin	2.05E1	1.82E0	"		2.12E1			3.39	35	
Duplicate (6A04001-DUP2)	**Source: 1507016-05**			Prepared: 01/04/16 Analyzed: 01/05/16						
Calcium	5.81E3	3.38E0	ug/g dry		5.15E3			12.0	35	
Chromium	1.09E1	2.84E-1	"		1.01E1			7.31	35	
Potassium	8.90E2	1.25E1	"		8.23E2			7.90	35	
Magnesium	2.11E3	9.28E-1	"		2.68E3			24.0	35	
Strontium	2.42E1	2.12E-1	"		2.16E1			11.4	35	
Sodium	3.36E2	9.18E0	"		3.16E2			6.10	35	

Total Metals by PNNL-ESL-ICP-AES/Acid Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A04001 - ASTM D 5198 (ICP/ICPMS)										
Duplicate (6A04001-DUP3)	**Source: 1512012-03**			Prepared: 01/04/16 Analyzed: 01/05/16						
Aluminum	<4.64E2	4.64E2	ug/g wet		ND				35	
Barium	<2.83E1	2.83E1	"		ND				35	
Calcium	1.08E3	4.82E2	"		8.13E2			28.3	35	
Cobalt	1.05E2	9.92E1	"		ND				35	
Chromium	1.33E2	4.05E1	"		1.31E2			1.73	35	
Copper	<1.33E2	1.33E2	"		ND				35	
Iron	2.19E2	1.25E2	"		ND				35	
Potassium	<1.78E3	1.78E3	"		ND				35	
Lithium	<4.31E2	4.31E2	"		ND				35	
Magnesium	2.74E2	1.32E2	"		ND				35	
Manganese	5.39E1	4.15E1	"		ND				35	
Nickel	1.84E2	9.62E1	"		1.80E2			2.35	35	
Phosphorus	<6.13E2	6.13E2	"		ND				35	
Lead	6.54E2	2.08E2	"		6.38E2			2.45	35	
Strontium	<3.02E1	3.02E1	"		ND				35	
Vanadium	4.80E2	8.30E1	"		4.44E2			7.83	35	
Zinc	<7.57E1	7.57E1	"		ND				35	
Sodium	<1.31E3	1.31E3	"		ND				35	
Sulfur	8.53E4	2.21E3	"		7.90E4			7.64	35	
Titanium	2.94E2	1.06E2	"		2.66E2			10.2	35	
Zirconium	<5.56E1	5.56E1	"		ND				35	
Silver	5.09E2	6.29E1	"		4.78E2			6.34	35	
Rhenium	<1.93E2	1.93E2	"		ND				35	
Tin	2.58E2	2.41E2	"		ND				35	
Batch 6B10011 - ASTM D 5198 (ICP/ICPMS)										
Blank (6B10011-BLK1)				Prepared: 02/10/16 Analyzed: 02/17/16						
Calcium	<7.02E-1	7.02E-1	ug/g wet							
Potassium	<2.59E0	2.59E0	"							
Magnesium	<1.92E-1	1.92E-1	"							
Strontium	<4.40E-2	4.40E-2	"							
Sodium	<1.90E0	1.90E0	"							

Total Metals by PNNL-ESL-ICP-AES/Acid Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B10011 - ASTM D 5198 (ICP/ICPMS)										
LCS (6B10011-BS1)				Prepared: 02/10/16 Analyzed: 02/17/16						
Calcium	6.07E0	7.02E-1	ug/g wet	6.16E0		98.4	80-120			
Potassium	5.88E1	2.59E0	"	6.16E1		95.4	80-120			
Magnesium	5.78E0	1.92E-1	"	6.16E0		93.8	80-120			
Strontium	<4.40E-2	4.40E-2	"				80-120			
Sodium	6.86E0	1.90E0	"	6.16E0		111	80-120			
Duplicate (6B10011-DUP1)	**Source: 1507016-11**			Prepared: 02/10/16 Analyzed: 02/17/16						
Calcium	7.46E3	5.01E1	ug/g dry		7.54E3			0.986	35	
Potassium	1.12E3	1.85E1	"		1.10E3			1.84	35	
Magnesium	4.03E3	1.37E1	"		3.85E3			4.45	35	
Strontium	3.41E1	3.14E-1	"		3.44E1			0.713	35	
Sodium	7.89E2	1.36E1	"		7.94E2			0.562	35	
Post Spike (6B10011-PS1)	**Source: 1507016-11**			Prepared: 02/10/16 Analyzed: 02/17/16						
Calcium	2.31E4	N/A	ug/L	5.00E1	2.24E4	NR	75-125			
Potassium	3.42E4	N/A	"	1.25E3	3.29E4	107	75-125			
Magnesium	1.23E4	N/A	"	5.00E1	1.15E4	NR	75-125			
Strontium	1.55E3	N/A	"	5.00E2	1.02E3	106	75-125			
Sodium	2.34E4	N/A	"	5.00E2	2.36E4	NR	75-125			

Total Metals by PNNL-ESL-ICP-AES - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A04003 - CEC Extract (ICP/ICPMS)										
Blank (6A04003-BLK1)				Prepared: 01/04/16 Analyzed: 01/05/16						
Barium	2.55E-5	1.82E-5	mg/g wet							
Calcium	<2.45E-4	2.45E-4	"							
Potassium	<1.48E-3	1.48E-3	"							
Magnesium	2.68E-5	1.72E-5	"							
Sodium	2.88E-4	2.23E-4	"							
Silicon	<6.55E-4	6.55E-4	"							
Duplicate (6A04003-DUP1)	**Source: 1507016-05**			Prepared: 01/04/16 Analyzed: 01/05/16						
Barium	1.70E-2	1.04E-4	mg/g dry		1.76E-2			3.55	35	
Calcium	1.21E0	1.40E-3	"		1.26E0			3.56	35	
Potassium	8.53E-2	8.45E-3	"		8.68E-2			1.84	35	
Magnesium	7.93E-2	9.79E-5	"		8.12E-2			2.40	35	
Sodium	4.72E-2	1.28E-3	"		4.94E-2			4.56	35	
Silicon	1.18E-2	3.74E-3	"		1.25E-2			5.34	35	
Post Spike (6A04003-PS1)	**Source: 1507016-05**			Prepared: 01/04/16 Analyzed: 01/05/16						
Barium	8.49E2	N/A	ug/L	2.50E2	6.04E2	98	75-125			
Calcium	4.32E4	N/A	"	5.00E2	4.32E4	NR	75-125			
Potassium	4.16E3	N/A	"	1.25E3	2.99E3	93.9	75-125			
Magnesium	3.27E3	N/A	"	5.00E2	2.79E3	96.3	75-125			
Sodium	2.25E3	N/A	"	5.00E2	1.70E3	111	75-125			
Silicon	9.42E2	N/A	"	5.00E2	4.29E2	103	75-125			
Batch 6B10009 - CEC Extract (ICP/ICPMS)										
Blank (6B10009-BLK1)				Prepared & Analyzed: 02/10/16						
Calcium	<2.45E-4	2.45E-4	mg/g wet							
Potassium	<1.48E-3	1.48E-3	"							
Magnesium	<1.72E-5	1.72E-5	"							
Sodium	<2.23E-4	2.23E-4	"							
Silicon	<6.55E-4	6.55E-4	"							
Sulfur	<1.66E-3	1.66E-3	"							

Total Metals by PNNL-ESL-ICP-AES - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B10009 - CEC Extract (ICP/ICPMS)										
LCS (6B10009-BS1)				Prepared & Analyzed: 02/10/16						
Calcium	5.64E-3	2.45E-4	mg/g wet	5.71E-3		98.7	80-120			
Potassium	5.06E-2	1.48E-3	"	5.71E-2		88.6	80-120			
Magnesium	5.48E-3	1.72E-5	"	5.71E-3		95.9	80-120			
Sodium	6.78E-3	2.23E-4	"	5.71E-3		119	80-120			
Silicon	5.45E-3	6.55E-4	"	5.71E-3		95.4	80-120			
Sulfur	<1.66E-3	1.66E-3	"				80-120			
Duplicate (6B10009-DUP1)	**Source: 1507016-11**			Prepared & Analyzed: 02/10/16						
Calcium	1.69E0	1.01E-3	mg/g dry		1.77E0			4.57	35	
Potassium	1.98E-1	6.08E-3	"		1.94E-1			2.16	35	
Magnesium	1.25E-1	7.05E-5	"		1.25E-1			0.213	35	
Sodium	1.09E-1	9.18E-4	"		1.14E-1			4.07	35	
Silicon	1.39E-2	2.69E-3	"		1.46E-2			4.84	35	
Sulfur	1.16E-2	6.83E-3	"		1.17E-2			1.10	35	
Post Spike (6B10009-PS1)	**Source: 1507016-11**			Prepared & Analyzed: 02/10/16						
Calcium	8.16E4	N/A	ug/L	5.00E2	7.97E4	375	75-125			
Potassium	9.91E3	N/A	"	1.25E3	8.73E3	94.8	75-125			
Magnesium	6.20E3	N/A	"	5.00E2	5.64E3	112	75-125			
Sodium	5.56E3	N/A	"	5.00E2	5.12E3	86.8	75-125			
Silicon	1.16E3	N/A	"	5.00E2	6.57E2	100	75-125			
Sulfur	1.58E3	N/A	"	1.00E3	5.28E2	106	75-125			

RCRA Metals By PNNL-ESL-ICPMS/Special Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A11005 - Special Extract (ICP/ICPMS)										
Blank (6A11005-BLK1)				Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	<1.46E-3	1.46E-3	ug/g wet							
Cesium	<2.55E-4	2.55E-4	"							
Blank (6A11005-BLK2)				Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	<1.46E-3	1.46E-3	ug/g wet							
Cesium	<2.55E-4	2.55E-4	"							
Blank (6A11005-BLK3)				Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	<1.46E-3	1.46E-3	ug/g wet							
Cesium	<2.55E-4	2.55E-4	"							
LCS (6A11005-BS1)				Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	4.60E0	2.92E-1	ug/g wet	5.00E0		92.1	80-120			
Cesium	<5.10E-2	5.10E-2	"				80-120			
LCS (6A11005-BS2)				Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	5.03E0	2.92E-1	ug/g wet	5.00E0		101	80-120			
Cesium	<5.10E-2	5.10E-2	"				80-120			
LCS (6A11005-BS3)				Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	5.07E0	2.92E-1	ug/g wet	5.00E0		101	80-120			
Cesium	<5.10E-2	5.10E-2	"				80-120			
Duplicate (6A11005-DUP1)	**Source: 1512004-01**			Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	<2.79E-3	2.79E-3	ug/g dry		ND				20	
Cesium	<4.86E-4	4.86E-4	"		ND				20	
Duplicate (6A11005-DUP2)	**Source: 1512004-02**			Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	<2.68E-3	2.68E-3	ug/g dry		ND				20	
Cesium	<4.68E-4	4.68E-4	"		ND				20	

RCRA Metals By PNNL-ESL-ICPMS/Special Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6A11005 - Special Extract (ICP/ICPMS)										
Duplicate (6A11005-DUP3)		**Source: 1512004-03**		Prepared: 12/08/15 Analyzed: 01/11/16						
Chromium	<2.78E-3	2.78E-3	ug/g dry		ND				20	
Cesium	<4.86E-4	4.86E-4	"		ND				20	
Post Spike (6A11005-PS1)		**Source: 1512004-01**		Prepared & Analyzed: 01/11/16						
Chromium	2.64E0	N/A	ug/L	2.50E0	3.36E-2	104	75-125			
Cesium	2.32E0	N/A	"	2.50E0	ND	92.8	75-125			
Batch 6B11010 - Special Extract (ICP/ICPMS)										
Blank (6B11010-BLK1)				Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	<1.38E-3	1.38E-3	ug/g wet							
Cesium	<5.10E-4	5.10E-4	"							
Blank (6B11010-BLK2)				Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	<1.38E-3	1.38E-3	ug/g wet							
Cesium	<5.10E-4	5.10E-4	"							
Blank (6B11010-BLK3)				Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	<1.38E-3	1.38E-3	ug/g wet							
Cesium	<5.10E-4	5.10E-4	"							
LCS (6B11010-BS1)				Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	6.58E0	1.38E-1	ug/g wet	5.00E0		132	0-200			
Cesium	<5.10E-2	5.10E-2	"				0-200			
LCS (6B11010-BS2)				Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	6.51E0	1.38E-1	ug/g wet	5.00E0		130	0-200			
Cesium	<5.10E-2	5.10E-2	"				0-200			

RCRA Metals By PNNL-ESL-ICPMS/Special Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B11010 - Special Extract (ICP/ICPMS)										
LCS (6B11010-BS3)				Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	6.50E0	1.38E-1	ug/g wet	5.00E0		130	0-200			
Cesium	<5.10E-2	5.10E-2	"				0-200			
Duplicate (6B11010-DUP1)		**Source: 1512004-07**		Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	<4.08E-3	4.08E-3	ug/g dry		6.64E-3				20	
Cesium	<1.50E-3	1.50E-3	"		2.30E-2				20	
Duplicate (6B11010-DUP2)		**Source: 1512004-08**		Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	<3.79E-3	3.79E-3	ug/g dry		ND				20	
Cesium	<1.40E-3	1.40E-3	"		ND				20	
Duplicate (6B11010-DUP3)		**Source: 1512004-09**		Prepared: 01/08/16 Analyzed: 02/11/16						
Chromium	<3.85E-3	3.85E-3	ug/g dry		ND				20	
Cesium	<1.42E-3	1.42E-3	"		ND				20	
Post Spike (6B11010-PS1)		**Source: 1512004-09**		Prepared & Analyzed: 02/11/16						
Chromium	2.35E0	N/A	ug/L	2.50E0	ND	94	75-125			
Cesium	2.55E0	N/A	"	2.50E0	6.86E-4	102	75-125			

RCRA Metals By PNNL-ESL-ICPMS/Acid Extract - Quality Control
Environmental Science Laboratory

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 6B11003 - ASTM D 5198 (ICP/ICPMS)										
Blank (6B11003-BLK1)				Prepared: 01/27/16 Analyzed: 02/11/16						
Chromium	1.54E-2	1.38E-2	ug/g wet							
Cesium	<5.10E-3	5.10E-3	"							
LCS (6B11003-BS1)				Prepared: 01/27/16 Analyzed: 02/11/16						
Chromium	2.55E0	1.38E-1	ug/g wet	3.08E0		82.8	80-120			
Cesium	<5.10E-2	5.10E-2	"				80-120			
Duplicate (6B11003-DUP1)	**Source: 1507016-11**			Prepared: 01/27/16 Analyzed: 02/11/16						
Chromium	1.68E1	4.94E-2	ug/g dry		1.74E1			3.45	20	
Cesium	7.25E-1	1.82E-2	"		7.51E-1			3.51	20	
Post Spike (6B11003-PS1)	**Source: 1507016-11**			Prepared & Analyzed: 02/11/16						
Chromium	2.58E1	N/A	ug/L	2.50E0	2.59E1	NR	75-125			
Cesium	3.40E0	N/A	"	2.50E0	1.12E0	91.1	75-125			

Analytical results from <2mm repacked column leachates

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-01	<2mm comp vial 1	Alkalinity as CaCO3	100	ug/mL	23.5	Alkalinity-NP
1510001-01	<2mm comp vial 1	Bromide	ND	ug/mL	5	Anions by IC-NP
1510001-01	<2mm comp vial 1	Calcium	77700	ug/L	168	ICP-OES Vadose-NP
1510001-01	<2mm comp vial 1	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-01	<2mm comp vial 1	Chloride	28.7	ug/mL	2.5	Anions by IC-NP
1510001-01	<2mm comp vial 1	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-01	<2mm comp vial 1	Magnesium	13400	ug/L	13.5	ICP-OES Vadose-NP
1510001-01	<2mm comp vial 1	Nitrate	45.7	ug/mL	5	Anions by IC-NP
1510001-01	<2mm comp vial 1	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-01	<2mm comp vial 1	pH	7.92	pH Units		pH-NP
1510001-01	<2mm comp vial 1	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-01	<2mm comp vial 1	Potassium	13100	ug/L	806	ICP-OES Vadose-NP
1510001-01	<2mm comp vial 1	Silicon	7610	ug/L	274	ICP-OES Vadose-NP
1510001-01	<2mm comp vial 1	Sodium	96000	ug/L	223	ICP-OES Vadose-NP
1510001-01	<2mm comp vial 1	Strontium	397	ug/L	31.4	ICP-OES Vadose-NP
1510001-01	<2mm comp vial 1	Sulfate	337	ug/mL	7.5	Anions by IC-NP
1510001-01	<2mm comp vial 1	Sulfur	96100	ug/L	239	ICP-OES Vadose-NP
1510001-02	<2mm comp vial 2	Bromide	ND	ug/mL	5	Anions by IC-NP
1510001-02	<2mm comp vial 2	Calcium	33600	ug/L	168	ICP-OES Vadose-NP
1510001-02	<2mm comp vial 2	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-02	<2mm comp vial 2	Chloride	6.15	ug/mL	2.5	Anions by IC-NP
1510001-02	<2mm comp vial 2	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-02	<2mm comp vial 2	Magnesium	6150	ug/L	13.5	ICP-OES Vadose-NP
1510001-02	<2mm comp vial 2	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1510001-02	<2mm comp vial 2	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-02	<2mm comp vial 2	pH	8.15	pH Units		pH-NP
1510001-02	<2mm comp vial 2	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-02	<2mm comp vial 2	Potassium	10300	ug/L	806	ICP-OES Vadose-NP
1510001-02	<2mm comp vial 2	Silicon	8900	ug/L	274	ICP-OES Vadose-NP
1510001-02	<2mm comp vial 2	Sodium	69000	ug/L	223	ICP-OES Vadose-NP
1510001-02	<2mm comp vial 2	Strontium	180	ug/L	31.4	ICP-OES Vadose-NP
1510001-02	<2mm comp vial 2	Sulfate	138	ug/mL	7.5	Anions by IC-NP
1510001-02	<2mm comp vial 2	Sulfur	45300	ug/L	239	ICP-OES Vadose-NP
1510001-03	<2mm comp vial 3	Bromide	33.3	ug/mL	5	Anions by IC-NP
1510001-03	<2mm comp vial 3	Calcium	30300	ug/L	168	ICP-OES Vadose-NP
1510001-03	<2mm comp vial 3	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-03	<2mm comp vial 3	Chloride	5.2	ug/mL	2.5	Anions by IC-NP
1510001-03	<2mm comp vial 3	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-03	<2mm comp vial 3	Magnesium	5460	ug/L	13.5	ICP-OES Vadose-NP
1510001-03	<2mm comp vial 3	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1510001-03	<2mm comp vial 3	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-03	<2mm comp vial 3	pH	8.18	pH Units		pH-NP
1510001-03	<2mm comp vial 3	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-03	<2mm comp vial 3	Potassium	10900	ug/L	806	ICP-OES Vadose-NP
1510001-03	<2mm comp vial 3	Silicon	8700	ug/L	274	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-03	<2mm comp vial 3	Sodium	62700	ug/L	223	ICP-OES Vadose-NP
1510001-03	<2mm comp vial 3	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1510001-03	<2mm comp vial 3	Sulfate	110	ug/mL	7.5	Anions by IC-NP
1510001-03	<2mm comp vial 3	Sulfur	35300	ug/L	239	ICP-OES Vadose-NP
1510001-04	<2mm comp vial 4	Bromide	39.4	ug/mL	5	Anions by IC-NP
1510001-04	<2mm comp vial 4	Calcium	28100	ug/L	168	ICP-OES Vadose-NP
1510001-04	<2mm comp vial 4	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-04	<2mm comp vial 4	Chloride	4.35	ug/mL	2.5	Anions by IC-NP
1510001-04	<2mm comp vial 4	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-04	<2mm comp vial 4	Magnesium	5140	ug/L	13.5	ICP-OES Vadose-NP
1510001-04	<2mm comp vial 4	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1510001-04	<2mm comp vial 4	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-04	<2mm comp vial 4	pH	8.13	pH Units		pH-NP
1510001-04	<2mm comp vial 4	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-04	<2mm comp vial 4	Potassium	10500	ug/L	806	ICP-OES Vadose-NP
1510001-04	<2mm comp vial 4	Silicon	8620	ug/L	274	ICP-OES Vadose-NP
1510001-04	<2mm comp vial 4	Sodium	58300	ug/L	223	ICP-OES Vadose-NP
1510001-04	<2mm comp vial 4	Strontium	155	ug/L	31.4	ICP-OES Vadose-NP
1510001-04	<2mm comp vial 4	Sulfate	97.1	ug/mL	7.5	Anions by IC-NP
1510001-04	<2mm comp vial 4	Sulfur	31400	ug/L	239	ICP-OES Vadose-NP
1510001-05	<2mm comp vial 5	Alkalinity as CaCO3	69.5	ug/mL	23.5	Alkalinity-NP
1510001-05	<2mm comp vial 5	Bromide	39.6	ug/mL	5	Anions by IC-NP
1510001-05	<2mm comp vial 5	Calcium	28800	ug/L	168	ICP-OES Vadose-NP
1510001-05	<2mm comp vial 5	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-05	<2mm comp vial 5	Chloride	5.69	ug/mL	2.5	Anions by IC-NP
1510001-05	<2mm comp vial 5	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-05	<2mm comp vial 5	Magnesium	5040	ug/L	13.5	ICP-OES Vadose-NP
1510001-05	<2mm comp vial 5	Nitrate	37.1	ug/mL	5	Anions by IC-NP
1510001-05	<2mm comp vial 5	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-05	<2mm comp vial 5	pH	8.13	pH Units		pH-NP
1510001-05	<2mm comp vial 5	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-05	<2mm comp vial 5	Potassium	11700	ug/L	806	ICP-OES Vadose-NP
1510001-05	<2mm comp vial 5	Silicon	8510	ug/L	274	ICP-OES Vadose-NP
1510001-05	<2mm comp vial 5	Sodium	56400	ug/L	223	ICP-OES Vadose-NP
1510001-05	<2mm comp vial 5	Strontium	159	ug/L	31.4	ICP-OES Vadose-NP
1510001-05	<2mm comp vial 5	Sulfate	93.9	ug/mL	7.5	Anions by IC-NP
1510001-05	<2mm comp vial 5	Sulfur	30600	ug/L	239	ICP-OES Vadose-NP
1510001-06	<2mm comp vial 6	Bromide	39.4	ug/mL	5	Anions by IC-NP
1510001-06	<2mm comp vial 6	Calcium	27900	ug/L	168	ICP-OES Vadose-NP
1510001-06	<2mm comp vial 6	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-06	<2mm comp vial 6	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1510001-06	<2mm comp vial 6	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-06	<2mm comp vial 6	Magnesium	5070	ug/L	13.5	ICP-OES Vadose-NP
1510001-06	<2mm comp vial 6	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1510001-06	<2mm comp vial 6	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-06	<2mm comp vial 6	pH	7.94	pH Units		pH-NP
1510001-06	<2mm comp vial 6	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-06	<2mm comp vial 6	Potassium	8020	ug/L	806	ICP-OES Vadose-NP
1510001-06	<2mm comp vial 6	Silicon	8360	ug/L	274	ICP-OES Vadose-NP
1510001-06	<2mm comp vial 6	Sodium	49700	ug/L	223	ICP-OES Vadose-NP
1510001-06	<2mm comp vial 6	Strontium	154	ug/L	31.4	ICP-OES Vadose-NP
1510001-06	<2mm comp vial 6	Sulfate	92.1	ug/mL	7.5	Anions by IC-NP
1510001-06	<2mm comp vial 6	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1510001-07	<2mm comp vial 7	Bromide	39.5	ug/mL	5	Anions by IC-NP
1510001-07	<2mm comp vial 7	Calcium	30900	ug/L	168	ICP-OES Vadose-NP
1510001-07	<2mm comp vial 7	Chloride	3.82	ug/mL	2.5	Anions by IC-NP
1510001-07	<2mm comp vial 7	Magnesium	5360	ug/L	13.5	ICP-OES Vadose-NP
1510001-07	<2mm comp vial 7	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1510001-07	<2mm comp vial 7	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-07	<2mm comp vial 7	pH	8.09	pH Units		pH-NP
1510001-07	<2mm comp vial 7	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-07	<2mm comp vial 7	Potassium	10200	ug/L	806	ICP-OES Vadose-NP
1510001-07	<2mm comp vial 7	Silicon	8330	ug/L	274	ICP-OES Vadose-NP
1510001-07	<2mm comp vial 7	Sodium	47300	ug/L	223	ICP-OES Vadose-NP
1510001-07	<2mm comp vial 7	Strontium	169	ug/L	31.4	ICP-OES Vadose-NP
1510001-07	<2mm comp vial 7	Sulfate	91.6	ug/mL	7.5	Anions by IC-NP
1510001-07	<2mm comp vial 7	Sulfur	29100	ug/L	239	ICP-OES Vadose-NP
1510001-07RE1	<2mm comp vial 7	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1510001-07RE1	<2mm comp vial 7	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1510001-08	<2mm comp vial 8	Bromide	39.6	ug/mL	5	Anions by IC-NP
1510001-08	<2mm comp vial 8	Calcium	31700	ug/L	168	ICP-OES Vadose-NP
1510001-08	<2mm comp vial 8	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-08	<2mm comp vial 8	Chloride	3.08	ug/mL	2.5	Anions by IC-NP
1510001-08	<2mm comp vial 8	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-08	<2mm comp vial 8	Magnesium	5710	ug/L	13.5	ICP-OES Vadose-NP
1510001-08	<2mm comp vial 8	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1510001-08	<2mm comp vial 8	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-08	<2mm comp vial 8	pH	8.07	pH Units		pH-NP
1510001-08	<2mm comp vial 8	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-08	<2mm comp vial 8	Potassium	9180	ug/L	806	ICP-OES Vadose-NP
1510001-08	<2mm comp vial 8	Silicon	8410	ug/L	274	ICP-OES Vadose-NP
1510001-08	<2mm comp vial 8	Sodium	42300	ug/L	223	ICP-OES Vadose-NP
1510001-08	<2mm comp vial 8	Strontium	173	ug/L	31.4	ICP-OES Vadose-NP
1510001-08	<2mm comp vial 8	Sulfate	91.5	ug/mL	7.5	Anions by IC-NP
1510001-08	<2mm comp vial 8	Sulfur	29500	ug/L	239	ICP-OES Vadose-NP
1510001-09	<2mm comp vial 9	Bromide	ND	ug/mL	50	Anions by IC-NP
1510001-09	<2mm comp vial 9	Calcium	ND	ug/L	168	ICP-OES Vadose-NP
1510001-09	<2mm comp vial 9	Chloride	ND	ug/mL	25	Anions by IC-NP
1510001-09	<2mm comp vial 9	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1510001-09	<2mm comp vial 9	Nitrate	ND	ug/mL	50	Anions by IC-NP
1510001-09	<2mm comp vial 9	Nitrite	ND	ug/mL	50	Anions by IC-NP
1510001-09	<2mm comp vial 9	pH	8.07	pH Units		pH-NP
1510001-09	<2mm comp vial 9	Phosphate	ND	ug/mL	75	Anions by IC-NP
1510001-09	<2mm comp vial 9	Potassium	ND	ug/L	806	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-09	<2mm comp vial 9	Silicon	ND	ug/L	274	ICP-OES Vadose-NP
1510001-09	<2mm comp vial 9	Sodium	ND	ug/L	223	ICP-OES Vadose-NP
1510001-09	<2mm comp vial 9	Strontium	ND	ug/L	31.4	ICP-OES Vadose-NP
1510001-09	<2mm comp vial 9	Sulfate	92.4	ug/mL	75	Anions by IC-NP
1510001-09	<2mm comp vial 9	Sulfur	ND	ug/L	239	ICP-OES Vadose-NP
1510001-10	<2mm comp vial 10	Alkalinity as CaCO3	58.7	ug/mL	23.5	Alkalinity-NP
1510001-10	<2mm comp vial 10	Bromide	39.5	ug/mL	5	Anions by IC-NP
1510001-10	<2mm comp vial 10	Calcium	33200	ug/L	168	ICP-OES Vadose-NP
1510001-10	<2mm comp vial 10	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-10	<2mm comp vial 10	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1510001-10	<2mm comp vial 10	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-10	<2mm comp vial 10	Magnesium	5990	ug/L	13.5	ICP-OES Vadose-NP
1510001-10	<2mm comp vial 10	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1510001-10	<2mm comp vial 10	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-10	<2mm comp vial 10	pH	8	pH Units		pH-NP
1510001-10	<2mm comp vial 10	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-10	<2mm comp vial 10	Potassium	8240	ug/L	806	ICP-OES Vadose-NP
1510001-10	<2mm comp vial 10	Silicon	8300	ug/L	274	ICP-OES Vadose-NP
1510001-10	<2mm comp vial 10	Sodium	38700	ug/L	223	ICP-OES Vadose-NP
1510001-10	<2mm comp vial 10	Strontium	181	ug/L	31.4	ICP-OES Vadose-NP
1510001-10	<2mm comp vial 10	Sulfate	91	ug/mL	7.5	Anions by IC-NP
1510001-10	<2mm comp vial 10	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1510001-11	<2mm comp vial 11	Bromide	40.5	ug/mL	5	Anions by IC-NP
1510001-11	<2mm comp vial 11	Calcium	34700	ug/L	168	ICP-OES Vadose-NP
1510001-11	<2mm comp vial 11	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-11	<2mm comp vial 11	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1510001-11	<2mm comp vial 11	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-11	<2mm comp vial 11	Magnesium	6310	ug/L	13.5	ICP-OES Vadose-NP
1510001-11	<2mm comp vial 11	Nitrate	37.8	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-11	<2mm comp vial 11	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-11	<2mm comp vial 11	pH	8.08	pH Units		pH-NP
1510001-11	<2mm comp vial 11	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-11	<2mm comp vial 11	Potassium	8500	ug/L	806	ICP-OES Vadose-NP
1510001-11	<2mm comp vial 11	Silicon	8510	ug/L	274	ICP-OES Vadose-NP
1510001-11	<2mm comp vial 11	Sodium	37600	ug/L	223	ICP-OES Vadose-NP
1510001-11	<2mm comp vial 11	Strontium	190	ug/L	31.4	ICP-OES Vadose-NP
1510001-11	<2mm comp vial 11	Sulfate	93.1	ug/mL	7.5	Anions by IC-NP
1510001-11	<2mm comp vial 11	Sulfur	30100	ug/L	239	ICP-OES Vadose-NP
1510001-12	<2mm comp vial 12	Bromide	40.5	ug/mL	5	Anions by IC-NP
1510001-12	<2mm comp vial 12	Calcium	35700	ug/L	168	ICP-OES Vadose-NP
1510001-12	<2mm comp vial 12	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-12	<2mm comp vial 12	Chloride	5.62	ug/mL	2.5	Anions by IC-NP
1510001-12	<2mm comp vial 12	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-12	<2mm comp vial 12	Magnesium	6470	ug/L	13.5	ICP-OES Vadose-NP
1510001-12	<2mm comp vial 12	Nitrate	37.8	ug/mL	5	Anions by IC-NP
1510001-12	<2mm comp vial 12	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-12	<2mm comp vial 12	pH	8.01	pH Units		pH-NP
1510001-12	<2mm comp vial 12	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-12	<2mm comp vial 12	Potassium	12200	ug/L	806	ICP-OES Vadose-NP
1510001-12	<2mm comp vial 12	Silicon	8740	ug/L	274	ICP-OES Vadose-NP
1510001-12	<2mm comp vial 12	Sodium	37600	ug/L	223	ICP-OES Vadose-NP
1510001-12	<2mm comp vial 12	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1510001-12	<2mm comp vial 12	Sulfate	92.8	ug/mL	7.5	Anions by IC-NP
1510001-12	<2mm comp vial 12	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1510001-13	<2mm comp vial 13	Bromide	40.4	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-13	<2mm comp vial 13	Calcium	35400	ug/L	168	ICP-OES Vadose-NP
1510001-13	<2mm comp vial 13	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-13	<2mm comp vial 13	Chloride	4.39	ug/mL	2.5	Anions by IC-NP
1510001-13	<2mm comp vial 13	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-13	<2mm comp vial 13	Magnesium	6350	ug/L	13.5	ICP-OES Vadose-NP
1510001-13	<2mm comp vial 13	Nitrate	37.7	ug/mL	5	Anions by IC-NP
1510001-13	<2mm comp vial 13	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-13	<2mm comp vial 13	pH	8.1	pH Units		pH-NP
1510001-13	<2mm comp vial 13	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-13	<2mm comp vial 13	Potassium	10700	ug/L	806	ICP-OES Vadose-NP
1510001-13	<2mm comp vial 13	Silicon	8630	ug/L	274	ICP-OES Vadose-NP
1510001-13	<2mm comp vial 13	Sodium	36200	ug/L	223	ICP-OES Vadose-NP
1510001-13	<2mm comp vial 13	Strontium	192	ug/L	31.4	ICP-OES Vadose-NP
1510001-13	<2mm comp vial 13	Sulfate	92.6	ug/mL	7.5	Anions by IC-NP
1510001-13	<2mm comp vial 13	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1510001-14	<2mm comp vial 14	Bromide	ND	ug/mL	50	Anions by IC-NP
1510001-14	<2mm comp vial 14	Calcium	ND	ug/L	168	ICP-OES Vadose-NP
1510001-14	<2mm comp vial 14	Chloride	ND	ug/mL	25	Anions by IC-NP
1510001-14	<2mm comp vial 14	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1510001-14	<2mm comp vial 14	Nitrate	ND	ug/mL	50	Anions by IC-NP
1510001-14	<2mm comp vial 14	Nitrite	ND	ug/mL	50	Anions by IC-NP
1510001-14	<2mm comp vial 14	pH	8.13	pH Units		pH-NP
1510001-14	<2mm comp vial 14	Phosphate	ND	ug/mL	75	Anions by IC-NP
1510001-14	<2mm comp vial 14	Potassium	ND	ug/L	806	ICP-OES Vadose-NP
1510001-14	<2mm comp vial 14	Silicon	ND	ug/L	274	ICP-OES Vadose-NP
1510001-14	<2mm comp vial 14	Sodium	ND	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-14	<2mm comp vial 14	Strontium	ND	ug/L	31.4	ICP-OES Vadose-NP
1510001-14	<2mm comp vial 14	Sulfate	98.2	ug/mL	75	Anions by IC-NP
1510001-14	<2mm comp vial 14	Sulfur	ND	ug/L	239	ICP-OES Vadose-NP
1510001-15	<2mm comp vial 15	Alkalinity as CaCO3	67.2	ug/mL	23.5	Alkalinity-NP
1510001-15	<2mm comp vial 15	Bromide	40	ug/mL	5	Anions by IC-NP
1510001-15	<2mm comp vial 15	Calcium	37600	ug/L	168	ICP-OES Vadose-NP
1510001-15	<2mm comp vial 15	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-15	<2mm comp vial 15	Chloride	5.55	ug/mL	2.5	Anions by IC-NP
1510001-15	<2mm comp vial 15	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-15	<2mm comp vial 15	Magnesium	6750	ug/L	13.5	ICP-OES Vadose-NP
1510001-15	<2mm comp vial 15	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1510001-15	<2mm comp vial 15	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-15	<2mm comp vial 15	pH	8.13	pH Units		pH-NP
1510001-15	<2mm comp vial 15	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-15	<2mm comp vial 15	Potassium	11600	ug/L	806	ICP-OES Vadose-NP
1510001-15	<2mm comp vial 15	Silicon	8500	ug/L	274	ICP-OES Vadose-NP
1510001-15	<2mm comp vial 15	Sodium	37400	ug/L	223	ICP-OES Vadose-NP
1510001-15	<2mm comp vial 15	Strontium	204	ug/L	31.4	ICP-OES Vadose-NP
1510001-15	<2mm comp vial 15	Sulfate	97.2	ug/mL	7.5	Anions by IC-NP
1510001-15	<2mm comp vial 15	Sulfur	31700	ug/L	239	ICP-OES Vadose-NP
1510001-16	<2mm comp vial 16	Bromide	40.2	ug/mL	5	Anions by IC-NP
1510001-16	<2mm comp vial 16	Calcium	37600	ug/L	168	ICP-OES Vadose-NP
1510001-16	<2mm comp vial 16	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-16	<2mm comp vial 16	Chloride	5.44	ug/mL	2.5	Anions by IC-NP
1510001-16	<2mm comp vial 16	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-16	<2mm comp vial 16	Magnesium	6730	ug/L	13.5	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-16	<2mm comp vial 16	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1510001-16	<2mm comp vial 16	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-16	<2mm comp vial 16	pH	8.12	pH Units		pH-NP
1510001-16	<2mm comp vial 16	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-16	<2mm comp vial 16	Potassium	11500	ug/L	806	ICP-OES Vadose-NP
1510001-16	<2mm comp vial 16	Silicon	8510	ug/L	274	ICP-OES Vadose-NP
1510001-16	<2mm comp vial 16	Sodium	37600	ug/L	223	ICP-OES Vadose-NP
1510001-16	<2mm comp vial 16	Strontium	204	ug/L	31.4	ICP-OES Vadose-NP
1510001-16	<2mm comp vial 16	Sulfate	95.8	ug/mL	7.5	Anions by IC-NP
1510001-16	<2mm comp vial 16	Sulfur	31000	ug/L	239	ICP-OES Vadose-NP
1510001-17	<2mm comp vial 17	Bromide	40.1	ug/mL	5	Anions by IC-NP
1510001-17	<2mm comp vial 17	Calcium	35600	ug/L	168	ICP-OES Vadose-NP
1510001-17	<2mm comp vial 17	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-17	<2mm comp vial 17	Chloride	3.89	ug/mL	2.5	Anions by IC-NP
1510001-17	<2mm comp vial 17	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-17	<2mm comp vial 17	Magnesium	6520	ug/L	13.5	ICP-OES Vadose-NP
1510001-17	<2mm comp vial 17	Nitrate	37.3	ug/mL	5	Anions by IC-NP
1510001-17	<2mm comp vial 17	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-17	<2mm comp vial 17	pH	8.07	pH Units		pH-NP
1510001-17	<2mm comp vial 17	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-17	<2mm comp vial 17	Potassium	9830	ug/L	806	ICP-OES Vadose-NP
1510001-17	<2mm comp vial 17	Silicon	8350	ug/L	274	ICP-OES Vadose-NP
1510001-17	<2mm comp vial 17	Sodium	35400	ug/L	223	ICP-OES Vadose-NP
1510001-17	<2mm comp vial 17	Strontium	193	ug/L	31.4	ICP-OES Vadose-NP
1510001-17	<2mm comp vial 17	Sulfate	92.8	ug/mL	7.5	Anions by IC-NP
1510001-17	<2mm comp vial 17	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-18	<2mm comp vial 18	Bromide	40.1	ug/mL	5	Anions by IC-NP
1510001-18	<2mm comp vial 18	Calcium	35600	ug/L	168	ICP-OES Vadose-NP
1510001-18	<2mm comp vial 18	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-18	<2mm comp vial 18	Chloride	2.59	ug/mL	2.5	Anions by IC-NP
1510001-18	<2mm comp vial 18	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-18	<2mm comp vial 18	Magnesium	6420	ug/L	13.5	ICP-OES Vadose-NP
1510001-18	<2mm comp vial 18	Nitrate	37.3	ug/mL	5	Anions by IC-NP
1510001-18	<2mm comp vial 18	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-18	<2mm comp vial 18	pH	8.06	pH Units		pH-NP
1510001-18	<2mm comp vial 18	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-18	<2mm comp vial 18	Potassium	8600	ug/L	806	ICP-OES Vadose-NP
1510001-18	<2mm comp vial 18	Silicon	8250	ug/L	274	ICP-OES Vadose-NP
1510001-18	<2mm comp vial 18	Sodium	35300	ug/L	223	ICP-OES Vadose-NP
1510001-18	<2mm comp vial 18	Strontium	193	ug/L	31.4	ICP-OES Vadose-NP
1510001-18	<2mm comp vial 18	Sulfate	91.4	ug/mL	7.5	Anions by IC-NP
1510001-18	<2mm comp vial 18	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1510001-19	<2mm comp vial 19	Bromide	40	ug/mL	5	Anions by IC-NP
1510001-19	<2mm comp vial 19	Calcium	35000	ug/L	168	ICP-OES Vadose-NP
1510001-19	<2mm comp vial 19	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-19	<2mm comp vial 19	Chloride	3.95	ug/mL	2.5	Anions by IC-NP
1510001-19	<2mm comp vial 19	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-19	<2mm comp vial 19	Magnesium	6340	ug/L	13.5	ICP-OES Vadose-NP
1510001-19	<2mm comp vial 19	Nitrate	37.1	ug/mL	5	Anions by IC-NP
1510001-19	<2mm comp vial 19	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-19	<2mm comp vial 19	pH	8.1	pH Units		pH-NP
1510001-19	<2mm comp vial 19	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-19	<2mm comp vial 19	Potassium	9940	ug/L	806	ICP-OES Vadose-NP
1510001-19	<2mm comp vial 19	Silicon	8100	ug/L	274	ICP-OES Vadose-NP
1510001-19	<2mm comp vial 19	Sodium	34500	ug/L	223	ICP-OES Vadose-NP
1510001-19	<2mm comp vial 19	Strontium	191	ug/L	31.4	ICP-OES Vadose-NP
1510001-19	<2mm comp vial 19	Sulfate	90.9	ug/mL	7.5	Anions by IC-NP
1510001-19	<2mm comp vial 19	Sulfur	29100	ug/L	239	ICP-OES Vadose-NP
1510001-20	<2mm comp vial 20	Alkalinity as CaCO3	59	ug/mL	23.5	Alkalinity-NP
1510001-20	<2mm comp vial 20	Bromide	40	ug/mL	5	Anions by IC-NP
1510001-20	<2mm comp vial 20	Calcium	35700	ug/L	168	ICP-OES Vadose-NP
1510001-20	<2mm comp vial 20	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-20	<2mm comp vial 20	Chloride	4.17	ug/mL	2.5	Anions by IC-NP
1510001-20	<2mm comp vial 20	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-20	<2mm comp vial 20	Magnesium	6460	ug/L	13.5	ICP-OES Vadose-NP
1510001-20	<2mm comp vial 20	Nitrate	37.2	ug/mL	5	Anions by IC-NP
1510001-20	<2mm comp vial 20	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-20	<2mm comp vial 20	pH	8.1	pH Units		pH-NP
1510001-20	<2mm comp vial 20	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-20	<2mm comp vial 20	Potassium	10200	ug/L	806	ICP-OES Vadose-NP
1510001-20	<2mm comp vial 20	Silicon	8200	ug/L	274	ICP-OES Vadose-NP
1510001-20	<2mm comp vial 20	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1510001-20	<2mm comp vial 20	Strontium	195	ug/L	31.4	ICP-OES Vadose-NP
1510001-20	<2mm comp vial 20	Sulfate	91.1	ug/mL	7.5	Anions by IC-NP
1510001-20	<2mm comp vial 20	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1510001-21	<2mm comp vial 21	Bromide	40.1	ug/mL	5	Anions by IC-NP
1510001-21	<2mm comp vial 21	Calcium	35400	ug/L	168	ICP-OES Vadose-NP
1510001-21	<2mm comp vial 21	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-21	<2mm comp vial 21	Chloride	4.13	ug/mL	2.5	Anions by IC-NP
1510001-21	<2mm comp vial 21	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-21	<2mm comp vial 21	Magnesium	6430	ug/L	13.5	ICP-OES Vadose-NP
1510001-21	<2mm comp vial 21	Nitrate	37.2	ug/mL	5	Anions by IC-NP
1510001-21	<2mm comp vial 21	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-21	<2mm comp vial 21	pH	8.09	pH Units		pH-NP
1510001-21	<2mm comp vial 21	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-21	<2mm comp vial 21	Potassium	10100	ug/L	806	ICP-OES Vadose-NP
1510001-21	<2mm comp vial 21	Silicon	7990	ug/L	274	ICP-OES Vadose-NP
1510001-21	<2mm comp vial 21	Sodium	34600	ug/L	223	ICP-OES Vadose-NP
1510001-21	<2mm comp vial 21	Strontium	192	ug/L	31.4	ICP-OES Vadose-NP
1510001-21	<2mm comp vial 21	Sulfate	91.1	ug/mL	7.5	Anions by IC-NP
1510001-21	<2mm comp vial 21	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1510001-22	<2mm comp vial 22	Bromide	39.8	ug/mL	5	Anions by IC-NP
1510001-22	<2mm comp vial 22	Calcium	35700	ug/L	168	ICP-OES Vadose-NP
1510001-22	<2mm comp vial 22	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-22	<2mm comp vial 22	Chloride	4.39	ug/mL	2.5	Anions by IC-NP
1510001-22	<2mm comp vial 22	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-22	<2mm comp vial 22	Magnesium	6460	ug/L	13.5	ICP-OES Vadose-NP
1510001-22	<2mm comp vial 22	Nitrate	37	ug/mL	5	Anions by IC-NP
1510001-22	<2mm comp vial 22	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-22	<2mm comp vial 22	pH	8.02	pH Units		pH-NP
1510001-22	<2mm comp vial 22	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-22	<2mm comp vial 22	Potassium	10400	ug/L	806	ICP-OES Vadose-NP
1510001-22	<2mm comp vial 22	Silicon	7970	ug/L	274	ICP-OES Vadose-NP
1510001-22	<2mm comp vial 22	Sodium	34700	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-22	<2mm comp vial 22	Strontium	193	ug/L	31.4	ICP-OES Vadose-NP
1510001-22	<2mm comp vial 22	Sulfate	90.6	ug/mL	7.5	Anions by IC-NP
1510001-22	<2mm comp vial 22	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1510001-23	<2mm comp vial 23	Bromide	39.8	ug/mL	5	Anions by IC-NP
1510001-23	<2mm comp vial 23	Calcium	35300	ug/L	168	ICP-OES Vadose-NP
1510001-23	<2mm comp vial 23	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-23	<2mm comp vial 23	Chloride	4.7	ug/mL	2.5	Anions by IC-NP
1510001-23	<2mm comp vial 23	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-23	<2mm comp vial 23	Magnesium	6350	ug/L	13.5	ICP-OES Vadose-NP
1510001-23	<2mm comp vial 23	Nitrate	37	ug/mL	5	Anions by IC-NP
1510001-23	<2mm comp vial 23	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-23	<2mm comp vial 23	pH	8.09	pH Units		pH-NP
1510001-23	<2mm comp vial 23	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-23	<2mm comp vial 23	Potassium	10600	ug/L	806	ICP-OES Vadose-NP
1510001-23	<2mm comp vial 23	Silicon	7820	ug/L	274	ICP-OES Vadose-NP
1510001-23	<2mm comp vial 23	Sodium	34300	ug/L	223	ICP-OES Vadose-NP
1510001-23	<2mm comp vial 23	Strontium	191	ug/L	31.4	ICP-OES Vadose-NP
1510001-23	<2mm comp vial 23	Sulfate	90.6	ug/mL	7.5	Anions by IC-NP
1510001-23	<2mm comp vial 23	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1510001-24	<2mm comp vial 24	Bromide	40	ug/mL	5	Anions by IC-NP
1510001-24	<2mm comp vial 24	Calcium	38200	ug/L	168	ICP-OES Vadose-NP
1510001-24	<2mm comp vial 24	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-24	<2mm comp vial 24	Chloride	2.94	ug/mL	2.5	Anions by IC-NP
1510001-24	<2mm comp vial 24	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-24	<2mm comp vial 24	Magnesium	6630	ug/L	13.5	ICP-OES Vadose-NP
1510001-24	<2mm comp vial 24	Nitrate	36.7	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-24	<2mm comp vial 24	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-24	<2mm comp vial 24	pH	8.05	pH Units		pH-NP
1510001-24	<2mm comp vial 24	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-24	<2mm comp vial 24	Potassium	9230	ug/L	806	ICP-OES Vadose-NP
1510001-24	<2mm comp vial 24	Silicon	8110	ug/L	274	ICP-OES Vadose-NP
1510001-24	<2mm comp vial 24	Sodium	36500	ug/L	223	ICP-OES Vadose-NP
1510001-24	<2mm comp vial 24	Strontium	209	ug/L	31.4	ICP-OES Vadose-NP
1510001-24	<2mm comp vial 24	Sulfate	93.9	ug/mL	7.5	Anions by IC-NP
1510001-24	<2mm comp vial 24	Sulfur	30700	ug/L	239	ICP-OES Vadose-NP
1510001-25	<2mm comp vial 25	Alkalinity as CaCO3	60.7	ug/mL	23.5	Alkalinity-NP
1510001-25	<2mm comp vial 25	Bromide	39.9	ug/mL	5	Anions by IC-NP
1510001-25	<2mm comp vial 25	Calcium	35700	ug/L	168	ICP-OES Vadose-NP
1510001-25	<2mm comp vial 25	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-25	<2mm comp vial 25	Chloride	6.15	ug/mL	2.5	Anions by IC-NP
1510001-25	<2mm comp vial 25	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-25	<2mm comp vial 25	Magnesium	6400	ug/L	13.5	ICP-OES Vadose-NP
1510001-25	<2mm comp vial 25	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1510001-25	<2mm comp vial 25	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-25	<2mm comp vial 25	pH	8.03	pH Units		pH-NP
1510001-25	<2mm comp vial 25	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-25	<2mm comp vial 25	Potassium	12100	ug/L	806	ICP-OES Vadose-NP
1510001-25	<2mm comp vial 25	Silicon	7950	ug/L	274	ICP-OES Vadose-NP
1510001-25	<2mm comp vial 25	Sodium	34700	ug/L	223	ICP-OES Vadose-NP
1510001-25	<2mm comp vial 25	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1510001-25	<2mm comp vial 25	Sulfate	92.8	ug/mL	7.5	Anions by IC-NP
1510001-25	<2mm comp vial 25	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-26	<2mm comp vial 26	Bromide	39.9	ug/mL	5	Anions by IC-NP
1510001-26	<2mm comp vial 26	Calcium	36000	ug/L	168	ICP-OES Vadose-NP
1510001-26	<2mm comp vial 26	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-26	<2mm comp vial 26	Chloride	4.37	ug/mL	2.5	Anions by IC-NP
1510001-26	<2mm comp vial 26	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-26	<2mm comp vial 26	Magnesium	6440	ug/L	13.5	ICP-OES Vadose-NP
1510001-26	<2mm comp vial 26	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1510001-26	<2mm comp vial 26	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-26	<2mm comp vial 26	pH	8.02	pH Units		pH-NP
1510001-26	<2mm comp vial 26	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-26	<2mm comp vial 26	Potassium	10600	ug/L	806	ICP-OES Vadose-NP
1510001-26	<2mm comp vial 26	Silicon	8080	ug/L	274	ICP-OES Vadose-NP
1510001-26	<2mm comp vial 26	Sodium	35200	ug/L	223	ICP-OES Vadose-NP
1510001-26	<2mm comp vial 26	Strontium	197	ug/L	31.4	ICP-OES Vadose-NP
1510001-26	<2mm comp vial 26	Sulfate	91.4	ug/mL	7.5	Anions by IC-NP
1510001-26	<2mm comp vial 26	Sulfur	30000	ug/L	239	ICP-OES Vadose-NP
1510001-27	<2mm comp vial 27	Bromide	39.9	ug/mL	5	Anions by IC-NP
1510001-27	<2mm comp vial 27	Calcium	34500	ug/L	168	ICP-OES Vadose-NP
1510001-27	<2mm comp vial 27	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-27	<2mm comp vial 27	Chloride	2.73	ug/mL	2.5	Anions by IC-NP
1510001-27	<2mm comp vial 27	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-27	<2mm comp vial 27	Magnesium	6250	ug/L	13.5	ICP-OES Vadose-NP
1510001-27	<2mm comp vial 27	Nitrate	37.1	ug/mL	5	Anions by IC-NP
1510001-27	<2mm comp vial 27	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-27	<2mm comp vial 27	pH	8.04	pH Units		pH-NP
1510001-27	<2mm comp vial 27	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-27	<2mm comp vial 27	Potassium	8700	ug/L	806	ICP-OES Vadose-NP
1510001-27	<2mm comp vial 27	Silicon	7930	ug/L	274	ICP-OES Vadose-NP
1510001-27	<2mm comp vial 27	Sodium	34000	ug/L	223	ICP-OES Vadose-NP
1510001-27	<2mm comp vial 27	Strontium	189	ug/L	31.4	ICP-OES Vadose-NP
1510001-27	<2mm comp vial 27	Sulfate	90.8	ug/mL	7.5	Anions by IC-NP
1510001-27	<2mm comp vial 27	Sulfur	29100	ug/L	239	ICP-OES Vadose-NP
1510001-28	<2mm comp vial 28	Bromide	39.8	ug/mL	5	Anions by IC-NP
1510001-28	<2mm comp vial 28	Calcium	36700	ug/L	168	ICP-OES Vadose-NP
1510001-28	<2mm comp vial 28	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-28	<2mm comp vial 28	Chloride	3.76	ug/mL	2.5	Anions by IC-NP
1510001-28	<2mm comp vial 28	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-28	<2mm comp vial 28	Magnesium	6350	ug/L	13.5	ICP-OES Vadose-NP
1510001-28	<2mm comp vial 28	Nitrate	37	ug/mL	5	Anions by IC-NP
1510001-28	<2mm comp vial 28	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-28	<2mm comp vial 28	pH	8.02	pH Units		pH-NP
1510001-28	<2mm comp vial 28	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-28	<2mm comp vial 28	Potassium	10300	ug/L	806	ICP-OES Vadose-NP
1510001-28	<2mm comp vial 28	Silicon	7960	ug/L	274	ICP-OES Vadose-NP
1510001-28	<2mm comp vial 28	Sodium	36200	ug/L	223	ICP-OES Vadose-NP
1510001-28	<2mm comp vial 28	Strontium	200	ug/L	31.4	ICP-OES Vadose-NP
1510001-28	<2mm comp vial 28	Sulfate	90.3	ug/mL	7.5	Anions by IC-NP
1510001-28	<2mm comp vial 28	Sulfur	29300	ug/L	239	ICP-OES Vadose-NP
1510001-29	<2mm comp vial 29	Bromide	39.7	ug/mL	5	Anions by IC-NP
1510001-29	<2mm comp vial 29	Calcium	35700	ug/L	168	ICP-OES Vadose-NP
1510001-29	<2mm comp vial 29	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-29	<2mm comp vial 29	Chloride	ND	ug/mL	2.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-29	<2mm comp vial 29	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-29	<2mm comp vial 29	Magnesium	6340	ug/L	13.5	ICP-OES Vadose-NP
1510001-29	<2mm comp vial 29	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1510001-29	<2mm comp vial 29	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-29	<2mm comp vial 29	pH	7.92	pH Units		pH-NP
1510001-29	<2mm comp vial 29	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-29	<2mm comp vial 29	Potassium	8290	ug/L	806	ICP-OES Vadose-NP
1510001-29	<2mm comp vial 29	Silicon	7800	ug/L	274	ICP-OES Vadose-NP
1510001-29	<2mm comp vial 29	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1510001-29	<2mm comp vial 29	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1510001-29	<2mm comp vial 29	Sulfate	90.1	ug/mL	7.5	Anions by IC-NP
1510001-29	<2mm comp vial 29	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1510001-30	<2mm comp vial 30	Alkalinity as CaCO3	58.7	ug/mL	23.5	Alkalinity-NP
1510001-30	<2mm comp vial 30	Bromide	39.8	ug/mL	5	Anions by IC-NP
1510001-30	<2mm comp vial 30	Calcium	35400	ug/L	168	ICP-OES Vadose-NP
1510001-30	<2mm comp vial 30	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-30	<2mm comp vial 30	Chloride	5.78	ug/mL	2.5	Anions by IC-NP
1510001-30	<2mm comp vial 30	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-30	<2mm comp vial 30	Magnesium	6280	ug/L	13.5	ICP-OES Vadose-NP
1510001-30	<2mm comp vial 30	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1510001-30	<2mm comp vial 30	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-30	<2mm comp vial 30	pH	8.02	pH Units		pH-NP
1510001-30	<2mm comp vial 30	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-30	<2mm comp vial 30	Potassium	11800	ug/L	806	ICP-OES Vadose-NP
1510001-30	<2mm comp vial 30	Silicon	7550	ug/L	274	ICP-OES Vadose-NP
1510001-30	<2mm comp vial 30	Sodium	34300	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-30	<2mm comp vial 30	Strontium	193	ug/L	31.4	ICP-OES Vadose-NP
1510001-30	<2mm comp vial 30	Sulfate	90.3	ug/mL	7.5	Anions by IC-NP
1510001-30	<2mm comp vial 30	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1510001-31	<2mm comp vial 31	Bromide	39.6	ug/mL	5	Anions by IC-NP
1510001-31	<2mm comp vial 31	Calcium	34800	ug/L	168	ICP-OES Vadose-NP
1510001-31	<2mm comp vial 31	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-31	<2mm comp vial 31	Chloride	3.28	ug/mL	2.5	Anions by IC-NP
1510001-31	<2mm comp vial 31	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-31	<2mm comp vial 31	Magnesium	6240	ug/L	13.5	ICP-OES Vadose-NP
1510001-31	<2mm comp vial 31	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1510001-31	<2mm comp vial 31	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-31	<2mm comp vial 31	pH	8.21	pH Units		pH-NP
1510001-31	<2mm comp vial 31	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-31	<2mm comp vial 31	Potassium	9120	ug/L	806	ICP-OES Vadose-NP
1510001-31	<2mm comp vial 31	Silicon	7390	ug/L	274	ICP-OES Vadose-NP
1510001-31	<2mm comp vial 31	Sodium	33800	ug/L	223	ICP-OES Vadose-NP
1510001-31	<2mm comp vial 31	Strontium	190	ug/L	31.4	ICP-OES Vadose-NP
1510001-31	<2mm comp vial 31	Sulfate	89.8	ug/mL	7.5	Anions by IC-NP
1510001-31	<2mm comp vial 31	Sulfur	29300	ug/L	239	ICP-OES Vadose-NP
1510001-32	<2mm comp vial 32	Bromide	39.6	ug/mL	5	Anions by IC-NP
1510001-32	<2mm comp vial 32	Calcium	35000	ug/L	168	ICP-OES Vadose-NP
1510001-32	<2mm comp vial 32	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-32	<2mm comp vial 32	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1510001-32	<2mm comp vial 32	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-32	<2mm comp vial 32	Magnesium	6290	ug/L	13.5	ICP-OES Vadose-NP
1510001-32	<2mm comp vial 32	Nitrate	36.8	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-32	<2mm comp vial 32	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-32	<2mm comp vial 32	pH	8	pH Units		pH-NP
1510001-32	<2mm comp vial 32	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-32	<2mm comp vial 32	Potassium	8100	ug/L	806	ICP-OES Vadose-NP
1510001-32	<2mm comp vial 32	Silicon	7300	ug/L	274	ICP-OES Vadose-NP
1510001-32	<2mm comp vial 32	Sodium	33900	ug/L	223	ICP-OES Vadose-NP
1510001-32	<2mm comp vial 32	Strontium	190	ug/L	31.4	ICP-OES Vadose-NP
1510001-32	<2mm comp vial 32	Sulfate	89.7	ug/mL	7.5	Anions by IC-NP
1510001-32	<2mm comp vial 32	Sulfur	29500	ug/L	239	ICP-OES Vadose-NP
1510001-33	<2mm comp vial 33	Bromide	39.5	ug/mL	5	Anions by IC-NP
1510001-33	<2mm comp vial 33	Calcium	34900	ug/L	168	ICP-OES Vadose-NP
1510001-33	<2mm comp vial 33	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-33	<2mm comp vial 33	Chloride	4.58	ug/mL	2.5	Anions by IC-NP
1510001-33	<2mm comp vial 33	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-33	<2mm comp vial 33	Magnesium	6310	ug/L	13.5	ICP-OES Vadose-NP
1510001-33	<2mm comp vial 33	Nitrate	36.7	ug/mL	5	Anions by IC-NP
1510001-33	<2mm comp vial 33	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-33	<2mm comp vial 33	pH	8	pH Units		pH-NP
1510001-33	<2mm comp vial 33	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-33	<2mm comp vial 33	Potassium	10500	ug/L	806	ICP-OES Vadose-NP
1510001-33	<2mm comp vial 33	Silicon	7150	ug/L	274	ICP-OES Vadose-NP
1510001-33	<2mm comp vial 33	Sodium	34300	ug/L	223	ICP-OES Vadose-NP
1510001-33	<2mm comp vial 33	Strontium	190	ug/L	31.4	ICP-OES Vadose-NP
1510001-33	<2mm comp vial 33	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1510001-33	<2mm comp vial 33	Sulfur	29300	ug/L	239	ICP-OES Vadose-NP
1510001-34	<2mm comp vial 34	Bromide	39.4	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-34	<2mm comp vial 34	Calcium	35500	ug/L	168	ICP-OES Vadose-NP
1510001-34	<2mm comp vial 34	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-34	<2mm comp vial 34	Chloride	2.63	ug/mL	2.5	Anions by IC-NP
1510001-34	<2mm comp vial 34	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-34	<2mm comp vial 34	Magnesium	6340	ug/L	13.5	ICP-OES Vadose-NP
1510001-34	<2mm comp vial 34	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1510001-34	<2mm comp vial 34	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-34	<2mm comp vial 34	pH	8	pH Units		pH-NP
1510001-34	<2mm comp vial 34	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1510001-34	<2mm comp vial 34	Potassium	8360	ug/L	806	ICP-OES Vadose-NP
1510001-34	<2mm comp vial 34	Silicon	7130	ug/L	274	ICP-OES Vadose-NP
1510001-34	<2mm comp vial 34	Sodium	34200	ug/L	223	ICP-OES Vadose-NP
1510001-34	<2mm comp vial 34	Strontium	193	ug/L	31.4	ICP-OES Vadose-NP
1510001-34	<2mm comp vial 34	Sulfate	89.3	ug/mL	7.5	Anions by IC-NP
1510001-34	<2mm comp vial 34	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1510001-35	<2mm comp vial 35	Alkalinity as CaCO3	60.7	ug/mL	23.5	Alkalinity-NP
1510001-35	<2mm comp vial 35	Bromide	39.5	ug/mL	5	Anions by IC-NP
1510001-35	<2mm comp vial 35	Calcium	36100	ug/L	168	ICP-OES Vadose-NP
1510001-35	<2mm comp vial 35	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1510001-35	<2mm comp vial 35	Chloride	3.92	ug/mL	2.5	Anions by IC-NP
1510001-35	<2mm comp vial 35	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1510001-35	<2mm comp vial 35	Magnesium	6430	ug/L	13.5	ICP-OES Vadose-NP
1510001-35	<2mm comp vial 35	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1510001-35	<2mm comp vial 35	Nitrite	ND	ug/mL	5	Anions by IC-NP
1510001-35	<2mm comp vial 35	pH	8.04	pH Units		pH-NP
1510001-35	<2mm comp vial 35	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-35	<2mm comp vial 35	Potassium	10200	ug/L	806	ICP-OES Vadose-NP
1510001-35	<2mm comp vial 35	Silicon	7150	ug/L	274	ICP-OES Vadose-NP
1510001-35	<2mm comp vial 35	Sodium	34700	ug/L	223	ICP-OES Vadose-NP
1510001-35	<2mm comp vial 35	Strontium	195	ug/L	31.4	ICP-OES Vadose-NP
1510001-35	<2mm comp vial 35	Sulfate	89.5	ug/mL	7.5	Anions by IC-NP
1510001-35	<2mm comp vial 35	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1510001-36	<2mm comp vial 36	Calcium	ND	ug/L	168	ICP-OES Vadose-NP
1510001-36	<2mm comp vial 36	Chloride	ND	ug/mL	25	Anions by IC-NP
1510001-36	<2mm comp vial 36	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1510001-36	<2mm comp vial 36	Nitrate	ND	ug/mL	50	Anions by IC-NP
1510001-36	<2mm comp vial 36	Nitrite	ND	ug/mL	50	Anions by IC-NP
1510001-36	<2mm comp vial 36	pH	7.94	pH Units		pH-NP
1510001-36	<2mm comp vial 36	Phosphate	ND	ug/mL	75	Anions by IC-NP
1510001-36	<2mm comp vial 36	Potassium	ND	ug/L	806	ICP-OES Vadose-NP
1510001-36	<2mm comp vial 36	Silicon	ND	ug/L	274	ICP-OES Vadose-NP
1510001-36	<2mm comp vial 36	Sodium	ND	ug/L	223	ICP-OES Vadose-NP
1510001-36	<2mm comp vial 36	Strontium	ND	ug/L	31.4	ICP-OES Vadose-NP
1510001-36	<2mm comp vial 36	Sulfate	89.8	ug/mL	75	Anions by IC-NP
1510001-36	<2mm comp vial 36	Sulfur	ND	ug/L	239	ICP-OES Vadose-NP
1510001-37	<2mm comp vial 37	Bromide	45.5	ug/mL	0.5	Anions by IC-NP
1510001-38	<2mm comp vial 38	Bromide	30	ug/mL	0.5	Anions by IC-NP
1510001-39	<2mm comp vial 39	Bromide	12.6	ug/mL	0.5	Anions by IC-NP
1510001-40	<2mm comp vial 40	Bromide	2.49	ug/mL	0.5	Anions by IC-NP
1510001-41	<2mm comp vial 41	Bromide	ND	ug/mL	0.5	Anions by IC-NP
1510001-42	<2mm comp vial 42	Bromide	ND	ug/mL	0.5	Anions by IC-NP
1510001-43	<2mm comp vial 43	Bromide	ND	ug/mL	0.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1510001-44	<2mm comp vial 44	Bromide	ND	ug/mL	0.5	Anions by IC-NP
1510001-45	<2mm comp vial 45	Bromide	ND	ug/mL	0.5	Anions by IC-NP
1510001-46	<2mm comp vial 46	Bromide	ND	ug/mL	0.5	Anions by IC-NP
1510001-47	<2mm comp vial 47	Bromide	ND	ug/mL	0.5	Anions by IC-NP
1510001-48	<2mm comp vial 48	Bromide	ND	ug/mL	0.5	Anions by IC-NP
1510001-49	<2mm comp vial 49	Bromide	ND	ug/mL	0.5	Anions by IC-NP
1601009-01	B31VN3 vial 1	Calcium	93100	ug/L	168	ICP-OES Vadose-NP
1601009-01	B31VN3 vial 1	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-01	B31VN3 vial 1	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-01	B31VN3 vial 1	Magnesium	21800	ug/L	13.5	ICP-OES Vadose-NP
1601009-01	B31VN3 vial 1	pH	8.3	pH Units		pH-NP
1601009-01	B31VN3 vial 1	Potassium	30500	ug/L	806	ICP-OES Vadose-NP
1601009-01	B31VN3 vial 1	Silicon	7980	ug/L	274	ICP-OES Vadose-NP
1601009-01	B31VN3 vial 1	Sodium	185000	ug/L	223	ICP-OES Vadose-NP
1601009-01	B31VN3 vial 1	Strontium	472	ug/L	31.4	ICP-OES Vadose-NP
1601009-01	B31VN3 vial 1	Sulfur	183000	ug/L	239	ICP-OES Vadose-NP
1601009-02	B31VN3 vial 2	Alkalinity as CaCO3	117	ug/mL	23.5	Alkalinity-NP
1601009-02	B31VN3 vial 2	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-02	B31VN3 vial 2	Calcium	21600	ug/L	168	ICP-OES Vadose-NP
1601009-02	B31VN3 vial 2	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-02	B31VN3 vial 2	Chloride	4.4	ug/mL	2.5	Anions by IC-NP
1601009-02	B31VN3 vial 2	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-02	B31VN3 vial 2	Fluoride	1.63	ug/mL	1	Anions by IC-NP
1601009-02	B31VN3 vial 2	Magnesium	5210	ug/L	13.5	ICP-OES Vadose-NP
1601009-02	B31VN3 vial 2	Nitrate	42.8	ug/mL	5	Anions by IC-NP
1601009-02	B31VN3 vial 2	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-02	B31VN3 vial 2	pH	8.46	pH Units		pH-NP
1601009-02	B31VN3 vial 2	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-02	B31VN3 vial 2	Potassium	12400	ug/L	806	ICP-OES Vadose-NP
1601009-02	B31VN3 vial 2	Silicon	7330	ug/L	274	ICP-OES Vadose-NP
1601009-02	B31VN3 vial 2	Sodium	95900	ug/L	223	ICP-OES Vadose-NP
1601009-02	B31VN3 vial 2	Strontium	121	ug/L	31.4	ICP-OES Vadose-NP
1601009-02	B31VN3 vial 2	Sulfate	149	ug/mL	7.5	Anions by IC-NP
1601009-02	B31VN3 vial 2	Sulfur	50800	ug/L	239	ICP-OES Vadose-NP
1601009-03	B31VN3 vial 3	Bromide	34.5	ug/mL	5	Anions by IC-NP
1601009-03	B31VN3 vial 3	Calcium	18400	ug/L	168	ICP-OES Vadose-NP
1601009-03	B31VN3 vial 3	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-03	B31VN3 vial 3	Chloride	4.05	ug/mL	2.5	Anions by IC-NP
1601009-03	B31VN3 vial 3	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-03	B31VN3 vial 3	Fluoride	1.79	ug/mL	1	Anions by IC-NP
1601009-03	B31VN3 vial 3	Magnesium	4420	ug/L	13.5	ICP-OES Vadose-NP
1601009-03	B31VN3 vial 3	Nitrate	38.8	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-03	B31VN3 vial 3	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-03	B31VN3 vial 3	pH	8.35	pH Units		pH-NP
1601009-03	B31VN3 vial 3	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-03	B31VN3 vial 3	Potassium	11000	ug/L	806	ICP-OES Vadose-NP
1601009-03	B31VN3 vial 3	Silicon	6920	ug/L	274	ICP-OES Vadose-NP
1601009-03	B31VN3 vial 3	Sodium	87900	ug/L	223	ICP-OES Vadose-NP
1601009-03	B31VN3 vial 3	Strontium	107	ug/L	31.4	ICP-OES Vadose-NP
1601009-03	B31VN3 vial 3	Sulfate	119	ug/mL	7.5	Anions by IC-NP
1601009-03	B31VN3 vial 3	Sulfur	39200	ug/L	239	ICP-OES Vadose-NP
1601009-04	B31VN3 vial 4	Bromide	40.7	ug/mL	5	Anions by IC-NP
1601009-04	B31VN3 vial 4	Calcium	16800	ug/L	168	ICP-OES Vadose-NP
1601009-04	B31VN3 vial 4	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-04	B31VN3 vial 4	Chloride	3.03	ug/mL	2.5	Anions by IC-NP
1601009-04	B31VN3 vial 4	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-04	B31VN3 vial 4	Fluoride	2	ug/mL	1	Anions by IC-NP
1601009-04	B31VN3 vial 4	Magnesium	4020	ug/L	13.5	ICP-OES Vadose-NP
1601009-04	B31VN3 vial 4	Nitrate	38.2	ug/mL	5	Anions by IC-NP
1601009-04	B31VN3 vial 4	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-04	B31VN3 vial 4	pH	8.36	pH Units		pH-NP
1601009-04	B31VN3 vial 4	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-04	B31VN3 vial 4	Potassium	10600	ug/L	806	ICP-OES Vadose-NP
1601009-04	B31VN3 vial 4	Silicon	6860	ug/L	274	ICP-OES Vadose-NP
1601009-04	B31VN3 vial 4	Sodium	82900	ug/L	223	ICP-OES Vadose-NP
1601009-04	B31VN3 vial 4	Strontium	99.5	ug/L	31.4	ICP-OES Vadose-NP
1601009-04	B31VN3 vial 4	Sulfate	103	ug/mL	7.5	Anions by IC-NP
1601009-04	B31VN3 vial 4	Sulfur	34700	ug/L	239	ICP-OES Vadose-NP
1601009-05	B31VN3 vial 5	Alkalinity as CaCO3	86.2	ug/mL	23.5	Alkalinity-NP
1601009-05	B31VN3 vial 5	Bromide	40.7	ug/mL	5	Anions by IC-NP
1601009-05	B31VN3 vial 5	Calcium	16300	ug/L	168	ICP-OES Vadose-NP
1601009-05	B31VN3 vial 5	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-05	B31VN3 vial 5	Chloride	2.6	ug/mL	2.5	Anions by IC-NP
1601009-05	B31VN3 vial 5	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-05	B31VN3 vial 5	Fluoride	2.05	ug/mL	1	Anions by IC-NP
1601009-05	B31VN3 vial 5	Magnesium	3750	ug/L	13.5	ICP-OES Vadose-NP
1601009-05	B31VN3 vial 5	Nitrate	37.8	ug/mL	5	Anions by IC-NP
1601009-05	B31VN3 vial 5	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-05	B31VN3 vial 5	pH	8.32	pH Units		pH-NP
1601009-05	B31VN3 vial 5	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-05	B31VN3 vial 5	Potassium	10300	ug/L	806	ICP-OES Vadose-NP
1601009-05	B31VN3 vial 5	Silicon	6710	ug/L	274	ICP-OES Vadose-NP
1601009-05	B31VN3 vial 5	Sodium	80700	ug/L	223	ICP-OES Vadose-NP
1601009-05	B31VN3 vial 5	Strontium	98.2	ug/L	31.4	ICP-OES Vadose-NP
1601009-05	B31VN3 vial 5	Sulfate	99.8	ug/mL	7.5	Anions by IC-NP
1601009-05	B31VN3 vial 5	Sulfur	32800	ug/L	239	ICP-OES Vadose-NP
1601009-06	B31VN3 vial 6	Bromide	40.6	ug/mL	5	Anions by IC-NP
1601009-06	B31VN3 vial 6	Calcium	15200	ug/L	168	ICP-OES Vadose-NP
1601009-06	B31VN3 vial 6	Cesium 133	1.06	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-06	B31VN3 vial 6	Chloride	4.37	ug/mL	2.5	Anions by IC-NP
1601009-06	B31VN3 vial 6	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-06	B31VN3 vial 6	Fluoride	1.71	ug/mL	1	Anions by IC-NP
1601009-06	B31VN3 vial 6	Magnesium	3620	ug/L	13.5	ICP-OES Vadose-NP
1601009-06	B31VN3 vial 6	Nitrate	38	ug/mL	5	Anions by IC-NP
1601009-06	B31VN3 vial 6	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-06	B31VN3 vial 6	pH	8.31	pH Units		pH-NP
1601009-06	B31VN3 vial 6	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-06	B31VN3 vial 6	Potassium	11400	ug/L	806	ICP-OES Vadose-NP
1601009-06	B31VN3 vial 6	Silicon	6800	ug/L	274	ICP-OES Vadose-NP
1601009-06	B31VN3 vial 6	Sodium	74500	ug/L	223	ICP-OES Vadose-NP
1601009-06	B31VN3 vial 6	Strontium	91.4	ug/L	31.4	ICP-OES Vadose-NP
1601009-06	B31VN3 vial 6	Sulfate	95.9	ug/mL	7.5	Anions by IC-NP
1601009-06	B31VN3 vial 6	Sulfur	32500	ug/L	239	ICP-OES Vadose-NP
1601009-07	B31VN3 vial 7	Bromide	40.5	ug/mL	5	Anions by IC-NP
1601009-07	B31VN3 vial 7	Calcium	14900	ug/L	168	ICP-OES Vadose-NP
1601009-07	B31VN3 vial 7	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-07	B31VN3 vial 7	Chloride	6.34	ug/mL	2.5	Anions by IC-NP
1601009-07	B31VN3 vial 7	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-07	B31VN3 vial 7	Fluoride	1.33	ug/mL	1	Anions by IC-NP
1601009-07	B31VN3 vial 7	Magnesium	3470	ug/L	13.5	ICP-OES Vadose-NP
1601009-07	B31VN3 vial 7	Nitrate	37.5	ug/mL	5	Anions by IC-NP
1601009-07	B31VN3 vial 7	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-07	B31VN3 vial 7	pH	8.29	pH Units		pH-NP
1601009-07	B31VN3 vial 7	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-07	B31VN3 vial 7	Potassium	13100	ug/L	806	ICP-OES Vadose-NP
1601009-07	B31VN3 vial 7	Silicon	6680	ug/L	274	ICP-OES Vadose-NP
1601009-07	B31VN3 vial 7	Sodium	70900	ug/L	223	ICP-OES Vadose-NP
1601009-07	B31VN3 vial 7	Strontium	89.1	ug/L	31.4	ICP-OES Vadose-NP
1601009-07	B31VN3 vial 7	Sulfate	95.2	ug/mL	7.5	Anions by IC-NP
1601009-07	B31VN3 vial 7	Sulfur	31800	ug/L	239	ICP-OES Vadose-NP
1601009-08	B31VN3 vial 8	Bromide	40.8	ug/mL	5	Anions by IC-NP
1601009-08	B31VN3 vial 8	Calcium	14900	ug/L	168	ICP-OES Vadose-NP
1601009-08	B31VN3 vial 8	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-08	B31VN3 vial 8	Chloride	13	ug/mL	2.5	Anions by IC-NP
1601009-08	B31VN3 vial 8	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-08	B31VN3 vial 8	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-08	B31VN3 vial 8	Magnesium	3520	ug/L	13.5	ICP-OES Vadose-NP
1601009-08	B31VN3 vial 8	Nitrate	37.8	ug/mL	5	Anions by IC-NP
1601009-08	B31VN3 vial 8	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-08	B31VN3 vial 8	pH	8.31	pH Units		pH-NP
1601009-08	B31VN3 vial 8	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-08	B31VN3 vial 8	Potassium	19600	ug/L	806	ICP-OES Vadose-NP
1601009-08	B31VN3 vial 8	Silicon	6820	ug/L	274	ICP-OES Vadose-NP
1601009-08	B31VN3 vial 8	Sodium	68800	ug/L	223	ICP-OES Vadose-NP
1601009-08	B31VN3 vial 8	Strontium	88.8	ug/L	31.4	ICP-OES Vadose-NP
1601009-08	B31VN3 vial 8	Sulfate	93.1	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-08	B31VN3 vial 8	Sulfur	32200	ug/L	239	ICP-OES Vadose-NP
1601009-09	B31VN3 vial 9	Calcium	15000	ug/L	168	ICP-OES Vadose-NP
1601009-09	B31VN3 vial 9	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-09	B31VN3 vial 9	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-09	B31VN3 vial 9	Magnesium	3480	ug/L	13.5	ICP-OES Vadose-NP
1601009-09	B31VN3 vial 9	pH	8.22	pH Units		pH-NP
1601009-09	B31VN3 vial 9	Potassium	12700	ug/L	806	ICP-OES Vadose-NP
1601009-09	B31VN3 vial 9	Silicon	6900	ug/L	274	ICP-OES Vadose-NP
1601009-09	B31VN3 vial 9	Sodium	69000	ug/L	223	ICP-OES Vadose-NP
1601009-09	B31VN3 vial 9	Strontium	89.1	ug/L	31.4	ICP-OES Vadose-NP
1601009-09	B31VN3 vial 9	Sulfur	32300	ug/L	239	ICP-OES Vadose-NP
1601009-10	B31VN3 vial 10	Alkalinity as CaCO3	65.3	ug/mL	23.5	Alkalinity-NP
1601009-10	B31VN3 vial 10	Bromide	40.4	ug/mL	5	Anions by IC-NP
1601009-10	B31VN3 vial 10	Calcium	14500	ug/L	168	ICP-OES Vadose-NP
1601009-10	B31VN3 vial 10	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-10	B31VN3 vial 10	Chloride	4.4	ug/mL	2.5	Anions by IC-NP
1601009-10	B31VN3 vial 10	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-10	B31VN3 vial 10	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-10	B31VN3 vial 10	Magnesium	3420	ug/L	13.5	ICP-OES Vadose-NP
1601009-10	B31VN3 vial 10	Nitrate	37.4	ug/mL	5	Anions by IC-NP
1601009-10	B31VN3 vial 10	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-10	B31VN3 vial 10	pH	8.18	pH Units		pH-NP
1601009-10	B31VN3 vial 10	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-10	B31VN3 vial 10	Potassium	10800	ug/L	806	ICP-OES Vadose-NP
1601009-10	B31VN3 vial 10	Silicon	6580	ug/L	274	ICP-OES Vadose-NP
1601009-10	B31VN3 vial 10	Sodium	64300	ug/L	223	ICP-OES Vadose-NP
1601009-10	B31VN3 vial 10	Strontium	85.7	ug/L	31.4	ICP-OES Vadose-NP
1601009-10	B31VN3 vial 10	Sulfate	91.3	ug/mL	7.5	Anions by IC-NP
1601009-10	B31VN3 vial 10	Sulfur	30700	ug/L	239	ICP-OES Vadose-NP
1601009-11	B31VN3 vial 11	Calcium	15800	ug/L	168	ICP-OES Vadose-NP
1601009-11	B31VN3 vial 11	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-11	B31VN3 vial 11	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-11	B31VN3 vial 11	Magnesium	3660	ug/L	13.5	ICP-OES Vadose-NP
1601009-11	B31VN3 vial 11	pH	8.06	pH Units		pH-NP
1601009-11	B31VN3 vial 11	Potassium	40300	ug/L	806	ICP-OES Vadose-NP
1601009-11	B31VN3 vial 11	Silicon	7420	ug/L	274	ICP-OES Vadose-NP
1601009-11	B31VN3 vial 11	Sodium	72600	ug/L	223	ICP-OES Vadose-NP
1601009-11	B31VN3 vial 11	Strontium	94.4	ug/L	31.4	ICP-OES Vadose-NP
1601009-11	B31VN3 vial 11	Sulfur	35300	ug/L	239	ICP-OES Vadose-NP
1601009-12	B31VN3 vial 12	Bromide	40.1	ug/mL	5	Anions by IC-NP
1601009-12	B31VN3 vial 12	Calcium	17400	ug/L	168	ICP-OES Vadose-NP
1601009-12	B31VN3 vial 12	Cesium 133	2.55	ug/L	0.51	ICPMS-RCRA-NP
1601009-12	B31VN3 vial 12	Chloride	6.05	ug/mL	2.5	Anions by IC-NP
1601009-12	B31VN3 vial 12	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-12	B31VN3 vial 12	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-12	B31VN3 vial 12	Magnesium	3980	ug/L	13.5	ICP-OES Vadose-NP
1601009-12	B31VN3 vial 12	Nitrate	36.5	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-12	B31VN3 vial 12	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-12	B31VN3 vial 12	pH	8.19	pH Units		pH-NP
1601009-12	B31VN3 vial 12	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-12	B31VN3 vial 12	Potassium	12900	ug/L	806	ICP-OES Vadose-NP
1601009-12	B31VN3 vial 12	Silicon	7100	ug/L	274	ICP-OES Vadose-NP
1601009-12	B31VN3 vial 12	Sodium	68400	ug/L	223	ICP-OES Vadose-NP
1601009-12	B31VN3 vial 12	Strontium	106	ug/L	31.4	ICP-OES Vadose-NP
1601009-12	B31VN3 vial 12	Sulfate	99.8	ug/mL	7.5	Anions by IC-NP
1601009-12	B31VN3 vial 12	Sulfur	34700	ug/L	239	ICP-OES Vadose-NP
1601009-13	B31VN3 vial 13	Bromide	39.9	ug/mL	5	Anions by IC-NP
1601009-13	B31VN3 vial 13	Calcium	16100	ug/L	168	ICP-OES Vadose-NP
1601009-13	B31VN3 vial 13	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-13	B31VN3 vial 13	Chloride	4.12	ug/mL	2.5	Anions by IC-NP
1601009-13	B31VN3 vial 13	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-13	B31VN3 vial 13	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-13	B31VN3 vial 13	Magnesium	3680	ug/L	13.5	ICP-OES Vadose-NP
1601009-13	B31VN3 vial 13	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1601009-13	B31VN3 vial 13	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-13	B31VN3 vial 13	pH	8.09	pH Units		pH-NP
1601009-13	B31VN3 vial 13	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-13	B31VN3 vial 13	Potassium	10600	ug/L	806	ICP-OES Vadose-NP
1601009-13	B31VN3 vial 13	Silicon	6660	ug/L	274	ICP-OES Vadose-NP
1601009-13	B31VN3 vial 13	Sodium	63100	ug/L	223	ICP-OES Vadose-NP
1601009-13	B31VN3 vial 13	Strontium	95.8	ug/L	31.4	ICP-OES Vadose-NP
1601009-13	B31VN3 vial 13	Sulfate	97.2	ug/mL	7.5	Anions by IC-NP
1601009-13	B31VN3 vial 13	Sulfur	32700	ug/L	239	ICP-OES Vadose-NP
1601009-14	B31VN3 vial 14	Bromide	40	ug/mL	5	Anions by IC-NP
1601009-14	B31VN3 vial 14	Calcium	17100	ug/L	168	ICP-OES Vadose-NP
1601009-14	B31VN3 vial 14	Cesium 133	2.73	ug/L	0.51	ICPMS-RCRA-NP
1601009-14	B31VN3 vial 14	Chloride	4.91	ug/mL	2.5	Anions by IC-NP
1601009-14	B31VN3 vial 14	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-14	B31VN3 vial 14	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-14	B31VN3 vial 14	Magnesium	3740	ug/L	13.5	ICP-OES Vadose-NP
1601009-14	B31VN3 vial 14	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601009-14	B31VN3 vial 14	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-14	B31VN3 vial 14	pH	8.09	pH Units		pH-NP
1601009-14	B31VN3 vial 14	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-14	B31VN3 vial 14	Potassium	12400	ug/L	806	ICP-OES Vadose-NP
1601009-14	B31VN3 vial 14	Silicon	6650	ug/L	274	ICP-OES Vadose-NP
1601009-14	B31VN3 vial 14	Sodium	61200	ug/L	223	ICP-OES Vadose-NP
1601009-14	B31VN3 vial 14	Strontium	103	ug/L	31.4	ICP-OES Vadose-NP
1601009-14	B31VN3 vial 14	Sulfate	90.2	ug/mL	7.5	Anions by IC-NP
1601009-14	B31VN3 vial 14	Sulfur	30600	ug/L	239	ICP-OES Vadose-NP
1601009-15	B31VN3 vial 15	Alkalinity as CaCO3	61.6	ug/mL	23.5	Alkalinity-NP
1601009-15	B31VN3 vial 15	Bromide	40.3	ug/mL	5	Anions by IC-NP
1601009-15	B31VN3 vial 15	Calcium	18700	ug/L	168	ICP-OES Vadose-NP
1601009-15	B31VN3 vial 15	Cesium 133	5.94	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-15	B31VN3 vial 15	Chloride	5.44	ug/mL	2.5	Anions by IC-NP
1601009-15	B31VN3 vial 15	Chromium 52	1.76	ug/L	1.38	ICPMS-RCRA-NP
1601009-15	B31VN3 vial 15	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-15	B31VN3 vial 15	Magnesium	4340	ug/L	13.5	ICP-OES Vadose-NP
1601009-15	B31VN3 vial 15	Nitrate	37.1	ug/mL	5	Anions by IC-NP
1601009-15	B31VN3 vial 15	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-15	B31VN3 vial 15	pH	8.16	pH Units		pH-NP
1601009-15	B31VN3 vial 15	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-15	B31VN3 vial 15	Potassium	12700	ug/L	806	ICP-OES Vadose-NP
1601009-15	B31VN3 vial 15	Silicon	6630	ug/L	274	ICP-OES Vadose-NP
1601009-15	B31VN3 vial 15	Sodium	53700	ug/L	223	ICP-OES Vadose-NP
1601009-15	B31VN3 vial 15	Strontium	112	ug/L	31.4	ICP-OES Vadose-NP
1601009-15	B31VN3 vial 15	Sulfate	92.1	ug/mL	7.5	Anions by IC-NP
1601009-15	B31VN3 vial 15	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1601009-16	B31VN3 vial 16	Bromide	39.8	ug/mL	5	Anions by IC-NP
1601009-16	B31VN3 vial 16	Calcium	21900	ug/L	168	ICP-OES Vadose-NP
1601009-16	B31VN3 vial 16	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-16	B31VN3 vial 16	Chloride	5.74	ug/mL	2.5	Anions by IC-NP
1601009-16	B31VN3 vial 16	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-16	B31VN3 vial 16	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-16	B31VN3 vial 16	Magnesium	5060	ug/L	13.5	ICP-OES Vadose-NP
1601009-16	B31VN3 vial 16	Nitrate	36.7	ug/mL	5	Anions by IC-NP
1601009-16	B31VN3 vial 16	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-16	B31VN3 vial 16	pH	8.16	pH Units		pH-NP
1601009-16	B31VN3 vial 16	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-16	B31VN3 vial 16	Potassium	13600	ug/L	806	ICP-OES Vadose-NP
1601009-16	B31VN3 vial 16	Silicon	6570	ug/L	274	ICP-OES Vadose-NP
1601009-16	B31VN3 vial 16	Sodium	48400	ug/L	223	ICP-OES Vadose-NP
1601009-16	B31VN3 vial 16	Strontium	129	ug/L	31.4	ICP-OES Vadose-NP
1601009-16	B31VN3 vial 16	Sulfate	88.7	ug/mL	7.5	Anions by IC-NP
1601009-16	B31VN3 vial 16	Sulfur	30700	ug/L	239	ICP-OES Vadose-NP
1601009-17	B31VN3 vial 17	Bromide	39.9	ug/mL	5	Anions by IC-NP
1601009-17	B31VN3 vial 17	Calcium	24600	ug/L	168	ICP-OES Vadose-NP
1601009-17	B31VN3 vial 17	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-17	B31VN3 vial 17	Chloride	3.88	ug/mL	2.5	Anions by IC-NP
1601009-17	B31VN3 vial 17	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-17	B31VN3 vial 17	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-17	B31VN3 vial 17	Magnesium	5580	ug/L	13.5	ICP-OES Vadose-NP
1601009-17	B31VN3 vial 17	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601009-17	B31VN3 vial 17	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-17	B31VN3 vial 17	pH	8.14	pH Units		pH-NP
1601009-17	B31VN3 vial 17	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-17	B31VN3 vial 17	Potassium	12400	ug/L	806	ICP-OES Vadose-NP
1601009-17	B31VN3 vial 17	Silicon	6560	ug/L	274	ICP-OES Vadose-NP
1601009-17	B31VN3 vial 17	Sodium	45600	ug/L	223	ICP-OES Vadose-NP
1601009-17	B31VN3 vial 17	Strontium	144	ug/L	31.4	ICP-OES Vadose-NP
1601009-17	B31VN3 vial 17	Sulfate	90.7	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-17	B31VN3 vial 17	Sulfur	30600	ug/L	239	ICP-OES Vadose-NP
1601009-18	B31VN3 vial 18	Bromide	41	ug/mL	5	Anions by IC-NP
1601009-18	B31VN3 vial 18	Calcium	25500	ug/L	168	ICP-OES Vadose-NP
1601009-18	B31VN3 vial 18	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-18	B31VN3 vial 18	Chloride	6.38	ug/mL	2.5	Anions by IC-NP
1601009-18	B31VN3 vial 18	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-18	B31VN3 vial 18	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-18	B31VN3 vial 18	Magnesium	5900	ug/L	13.5	ICP-OES Vadose-NP
1601009-18	B31VN3 vial 18	Nitrate	38	ug/mL	5	Anions by IC-NP
1601009-18	B31VN3 vial 18	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-18	B31VN3 vial 18	pH	8.07	pH Units		pH-NP
1601009-18	B31VN3 vial 18	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-18	B31VN3 vial 18	Potassium	14500	ug/L	806	ICP-OES Vadose-NP
1601009-18	B31VN3 vial 18	Silicon	6800	ug/L	274	ICP-OES Vadose-NP
1601009-18	B31VN3 vial 18	Sodium	44300	ug/L	223	ICP-OES Vadose-NP
1601009-18	B31VN3 vial 18	Strontium	148	ug/L	31.4	ICP-OES Vadose-NP
1601009-18	B31VN3 vial 18	Sulfate	91.3	ug/mL	7.5	Anions by IC-NP
1601009-18	B31VN3 vial 18	Sulfur	31500	ug/L	239	ICP-OES Vadose-NP
1601009-19	B31VN3 vial 19	Bromide	39.9	ug/mL	5	Anions by IC-NP
1601009-19	B31VN3 vial 19	Calcium	24800	ug/L	168	ICP-OES Vadose-NP
1601009-19	B31VN3 vial 19	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-19	B31VN3 vial 19	Chloride	5.15	ug/mL	2.5	Anions by IC-NP
1601009-19	B31VN3 vial 19	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-19	B31VN3 vial 19	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-19	B31VN3 vial 19	Magnesium	5770	ug/L	13.5	ICP-OES Vadose-NP
1601009-19	B31VN3 vial 19	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1601009-19	B31VN3 vial 19	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-19	B31VN3 vial 19	pH	8.1	pH Units		pH-NP
1601009-19	B31VN3 vial 19	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-19	B31VN3 vial 19	Potassium	12400	ug/L	806	ICP-OES Vadose-NP
1601009-19	B31VN3 vial 19	Silicon	6330	ug/L	274	ICP-OES Vadose-NP
1601009-19	B31VN3 vial 19	Sodium	43300	ug/L	223	ICP-OES Vadose-NP
1601009-19	B31VN3 vial 19	Strontium	145	ug/L	31.4	ICP-OES Vadose-NP
1601009-19	B31VN3 vial 19	Sulfate	95.6	ug/mL	7.5	Anions by IC-NP
1601009-19	B31VN3 vial 19	Sulfur	31300	ug/L	239	ICP-OES Vadose-NP
1601009-20	B31VN3 vial 20	Alkalinity as CaCO3	56.1	ug/mL	23.5	Alkalinity-NP
1601009-20	B31VN3 vial 20	Bromide	39.8	ug/mL	5	Anions by IC-NP
1601009-20	B31VN3 vial 20	Calcium	26500	ug/L	168	ICP-OES Vadose-NP
1601009-20	B31VN3 vial 20	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-20	B31VN3 vial 20	Chloride	5.68	ug/mL	2.5	Anions by IC-NP
1601009-20	B31VN3 vial 20	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-20	B31VN3 vial 20	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-20	B31VN3 vial 20	Magnesium	5940	ug/L	13.5	ICP-OES Vadose-NP
1601009-20	B31VN3 vial 20	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1601009-20	B31VN3 vial 20	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-20	B31VN3 vial 20	pH	8.11	pH Units		pH-NP
1601009-20	B31VN3 vial 20	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-20	B31VN3 vial 20	Potassium	14000	ug/L	806	ICP-OES Vadose-NP
1601009-20	B31VN3 vial 20	Silicon	6240	ug/L	274	ICP-OES Vadose-NP
1601009-20	B31VN3 vial 20	Sodium	44500	ug/L	223	ICP-OES Vadose-NP
1601009-20	B31VN3 vial 20	Strontium	155	ug/L	31.4	ICP-OES Vadose-NP
1601009-20	B31VN3 vial 20	Sulfate	93	ug/mL	7.5	Anions by IC-NP
1601009-20	B31VN3 vial 20	Sulfur	31700	ug/L	239	ICP-OES Vadose-NP
1601009-21	B31VN3 vial 21	Bromide	39.8	ug/mL	5	Anions by IC-NP
1601009-21	B31VN3 vial 21	Calcium	26100	ug/L	168	ICP-OES Vadose-NP
1601009-21	B31VN3 vial 21	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-21	B31VN3 vial 21	Chloride	3.24	ug/mL	2.5	Anions by IC-NP
1601009-21	B31VN3 vial 21	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-21	B31VN3 vial 21	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-21	B31VN3 vial 21	Magnesium	6060	ug/L	13.5	ICP-OES Vadose-NP
1601009-21	B31VN3 vial 21	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1601009-21	B31VN3 vial 21	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-21	B31VN3 vial 21	pH	8.1	pH Units		pH-NP
1601009-21	B31VN3 vial 21	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-21	B31VN3 vial 21	Potassium	11400	ug/L	806	ICP-OES Vadose-NP
1601009-21	B31VN3 vial 21	Silicon	6340	ug/L	274	ICP-OES Vadose-NP
1601009-21	B31VN3 vial 21	Sodium	41000	ug/L	223	ICP-OES Vadose-NP
1601009-21	B31VN3 vial 21	Strontium	151	ug/L	31.4	ICP-OES Vadose-NP
1601009-21	B31VN3 vial 21	Sulfate	91	ug/mL	7.5	Anions by IC-NP
1601009-21	B31VN3 vial 21	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1601009-22	B31VN3 vial 22	Bromide	39.8	ug/mL	5	Anions by IC-NP
1601009-22	B31VN3 vial 22	Calcium	28000	ug/L	168	ICP-OES Vadose-NP
1601009-22	B31VN3 vial 22	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-22	B31VN3 vial 22	Chloride	3.2	ug/mL	2.5	Anions by IC-NP
1601009-22	B31VN3 vial 22	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-22	B31VN3 vial 22	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-22	B31VN3 vial 22	Magnesium	6250	ug/L	13.5	ICP-OES Vadose-NP
1601009-22	B31VN3 vial 22	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1601009-22	B31VN3 vial 22	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-22	B31VN3 vial 22	pH	8.27	pH Units		pH-NP
1601009-22	B31VN3 vial 22	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-22	B31VN3 vial 22	Potassium	12100	ug/L	806	ICP-OES Vadose-NP
1601009-22	B31VN3 vial 22	Silicon	6340	ug/L	274	ICP-OES Vadose-NP
1601009-22	B31VN3 vial 22	Sodium	41000	ug/L	223	ICP-OES Vadose-NP
1601009-22	B31VN3 vial 22	Strontium	162	ug/L	31.4	ICP-OES Vadose-NP
1601009-22	B31VN3 vial 22	Sulfate	88.6	ug/mL	7.5	Anions by IC-NP
1601009-22	B31VN3 vial 22	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1601009-23	B31VN3 vial 23	Bromide	39.7	ug/mL	5	Anions by IC-NP
1601009-23	B31VN3 vial 23	Calcium	27400	ug/L	168	ICP-OES Vadose-NP
1601009-23	B31VN3 vial 23	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-23	B31VN3 vial 23	Chloride	4.16	ug/mL	2.5	Anions by IC-NP
1601009-23	B31VN3 vial 23	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-23	B31VN3 vial 23	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-23	B31VN3 vial 23	Magnesium	6410	ug/L	13.5	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-23	B31VN3 vial 23	Nitrate	36.7	ug/mL	5	Anions by IC-NP
1601009-23	B31VN3 vial 23	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-23	B31VN3 vial 23	pH	8.16	pH Units		pH-NP
1601009-23	B31VN3 vial 23	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-23	B31VN3 vial 23	Potassium	12500	ug/L	806	ICP-OES Vadose-NP
1601009-23	B31VN3 vial 23	Silicon	6340	ug/L	274	ICP-OES Vadose-NP
1601009-23	B31VN3 vial 23	Sodium	38200	ug/L	223	ICP-OES Vadose-NP
1601009-23	B31VN3 vial 23	Strontium	158	ug/L	31.4	ICP-OES Vadose-NP
1601009-23	B31VN3 vial 23	Sulfate	90.3	ug/mL	7.5	Anions by IC-NP
1601009-23	B31VN3 vial 23	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1601009-24	B31VN3 vial 24	Bromide	40	ug/mL	5	Anions by IC-NP
1601009-24	B31VN3 vial 24	Calcium	29000	ug/L	168	ICP-OES Vadose-NP
1601009-24	B31VN3 vial 24	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-24	B31VN3 vial 24	Chloride	4.02	ug/mL	2.5	Anions by IC-NP
1601009-24	B31VN3 vial 24	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-24	B31VN3 vial 24	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-24	B31VN3 vial 24	Magnesium	6580	ug/L	13.5	ICP-OES Vadose-NP
1601009-24	B31VN3 vial 24	Nitrate	38.4	ug/mL	5	Anions by IC-NP
1601009-24	B31VN3 vial 24	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-24	B31VN3 vial 24	pH	8.15	pH Units		pH-NP
1601009-24	B31VN3 vial 24	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-24	B31VN3 vial 24	Potassium	13000	ug/L	806	ICP-OES Vadose-NP
1601009-24	B31VN3 vial 24	Silicon	6410	ug/L	274	ICP-OES Vadose-NP
1601009-24	B31VN3 vial 24	Sodium	38900	ug/L	223	ICP-OES Vadose-NP
1601009-24	B31VN3 vial 24	Strontium	167	ug/L	31.4	ICP-OES Vadose-NP
1601009-24	B31VN3 vial 24	Sulfate	89	ug/mL	7.5	Anions by IC-NP
1601009-24	B31VN3 vial 24	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1601009-25	B31VN3 vial 25	Alkalinity as CaCO3	56.1	ug/mL	23.5	Alkalinity-NP
1601009-25	B31VN3 vial 25	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601009-25	B31VN3 vial 25	Calcium	28200	ug/L	168	ICP-OES Vadose-NP
1601009-25	B31VN3 vial 25	Cesium 133	4.63	ug/L	0.51	ICPMS-RCRA-NP
1601009-25	B31VN3 vial 25	Chloride	4.47	ug/mL	2.5	Anions by IC-NP
1601009-25	B31VN3 vial 25	Chromium 52	1.94	ug/L	1.38	ICPMS-RCRA-NP
1601009-25	B31VN3 vial 25	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-25	B31VN3 vial 25	Magnesium	6610	ug/L	13.5	ICP-OES Vadose-NP
1601009-25	B31VN3 vial 25	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1601009-25	B31VN3 vial 25	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-25	B31VN3 vial 25	pH	8.12	pH Units		pH-NP
1601009-25	B31VN3 vial 25	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-25	B31VN3 vial 25	Potassium	12900	ug/L	806	ICP-OES Vadose-NP
1601009-25	B31VN3 vial 25	Silicon	6420	ug/L	274	ICP-OES Vadose-NP
1601009-25	B31VN3 vial 25	Sodium	36900	ug/L	223	ICP-OES Vadose-NP
1601009-25	B31VN3 vial 25	Strontium	163	ug/L	31.4	ICP-OES Vadose-NP
1601009-25	B31VN3 vial 25	Sulfate	89.8	ug/mL	7.5	Anions by IC-NP
1601009-25	B31VN3 vial 25	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1601009-26	B31VN3 vial 26	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601009-26	B31VN3 vial 26	Calcium	28300	ug/L	168	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601009-26	B31VN3 vial 26	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601009-26	B31VN3 vial 26	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601009-26	B31VN3 vial 26	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601009-26	B31VN3 vial 26	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-26	B31VN3 vial 26	Magnesium	6630	ug/L	13.5	ICP-OES Vadose-NP
1601009-26	B31VN3 vial 26	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1601009-26	B31VN3 vial 26	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-26	B31VN3 vial 26	pH	8.04	pH Units		pH-NP
1601009-26	B31VN3 vial 26	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-26	B31VN3 vial 26	Potassium	10800	ug/L	806	ICP-OES Vadose-NP
1601009-26	B31VN3 vial 26	Silicon	6190	ug/L	274	ICP-OES Vadose-NP
1601009-26	B31VN3 vial 26	Sodium	36500	ug/L	223	ICP-OES Vadose-NP
1601009-26	B31VN3 vial 26	Strontium	162	ug/L	31.4	ICP-OES Vadose-NP
1601009-26	B31VN3 vial 26	Sulfate	87.8	ug/mL	7.5	Anions by IC-NP
1601009-26	B31VN3 vial 26	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601009-28	B31VN3 vial 28	Bromide	40.3	ug/mL	5	Anions by IC-NP
1601009-28	B31VN3 vial 28	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601009-28	B31VN3 vial 28	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601009-28	B31VN3 vial 28	Nitrate	34.2	ug/mL	5	Anions by IC-NP
1601009-28	B31VN3 vial 28	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601009-28	B31VN3 vial 28	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601009-28	B31VN3 vial 28	Sulfate	93.3	ug/mL	7.5	Anions by IC-NP
1601009-29	B31VN3 vial 29	Bromide	29	ug/mL	5	Anions by IC-NP
1601009-30	B31VN3 vial 30	Bromide	10.2	ug/mL	5	Anions by IC-NP
1601009-31	B31VN3 vial 31	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-32	B31VN3 vial 32	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-33	B31VN3 vial 33	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-34	B31VN3 vial 34	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-35	B31VN3 vial 35	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-36	B31VN3 vial 36	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-37	B31VN3 vial 37	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-38	B31VN3 vial 38	Bromide	ND	ug/mL	5	Anions by IC-NP
1601009-39	B31VN3 vial 39	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-01	B31VH2 vial 1	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-01	B31VH2 vial 1	Calcium	77500	ug/L	168	ICP-OES Vadose-NP
1601011-01	B31VH2 vial 1	Cesium 133	9.05	ug/L	0.51	ICPMS-RCRA-NP
1601011-01	B31VH2 vial 1	Chloride	55.9	ug/mL	2.5	Anions by IC-NP
1601011-01	B31VH2 vial 1	Chromium 52	190	ug/L	1.38	ICPMS-RCRA-NP
1601011-01	B31VH2 vial 1	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-01	B31VH2 vial 1	Magnesium	189	ug/L	13.5	ICP-OES Vadose-NP
1601011-01	B31VH2 vial 1	Nitrate	96.8	ug/mL	5	Anions by IC-NP
1601011-01	B31VH2 vial 1	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-01	B31VH2 vial 1	pH	8.12	pH Units		pH-NP
1601011-01	B31VH2 vial 1	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-01	B31VH2 vial 1	Potassium	16000	ug/L	806	ICP-OES Vadose-NP
1601011-01	B31VH2 vial 1	Silicon	36100	ug/L	274	ICP-OES Vadose-NP
1601011-01	B31VH2 vial 1	Sodium	291000	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-01	B31VH2 vial 1	Strontium	290	ug/L	31.4	ICP-OES Vadose-NP
1601011-01	B31VH2 vial 1	Sulfate	592	ug/mL	7.5	Anions by IC-NP
1601011-01	B31VH2 vial 1	Sulfur	214000	ug/L	239	ICP-OES Vadose-NP
1601011-02	B31VH2 vial 2	Alkalinity as CaCO3	97.9	ug/mL	23.5	Alkalinity-NP
1601011-02	B31VH2 vial 2	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-02	B31VH2 vial 2	Calcium	29700	ug/L	168	ICP-OES Vadose-NP
1601011-02	B31VH2 vial 2	Cesium 133	60.3	ug/L	0.51	ICPMS-RCRA-NP
1601011-02	B31VH2 vial 2	Chloride	19.6	ug/mL	2.5	Anions by IC-NP
1601011-02	B31VH2 vial 2	Chromium 52	91	ug/L	1.38	ICPMS-RCRA-NP
1601011-02	B31VH2 vial 2	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-02	B31VH2 vial 2	Magnesium	38	ug/L	13.5	ICP-OES Vadose-NP
1601011-02	B31VH2 vial 2	Nitrate	62.5	ug/mL	5	Anions by IC-NP
1601011-02	B31VH2 vial 2	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-02	B31VH2 vial 2	pH	8.35	pH Units		pH-NP
1601011-02	B31VH2 vial 2	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-02	B31VH2 vial 2	Potassium	9630	ug/L	806	ICP-OES Vadose-NP
1601011-02	B31VH2 vial 2	Silicon	43900	ug/L	274	ICP-OES Vadose-NP
1601011-02	B31VH2 vial 2	Sodium	189000	ug/L	223	ICP-OES Vadose-NP
1601011-02	B31VH2 vial 2	Strontium	116	ug/L	31.4	ICP-OES Vadose-NP
1601011-02	B31VH2 vial 2	Sulfate	317	ug/mL	7.5	Anions by IC-NP
1601011-02	B31VH2 vial 2	Sulfur	108000	ug/L	239	ICP-OES Vadose-NP
1601011-03	B31VH2 vial 3	Bromide	24	ug/mL	5	Anions by IC-NP
1601011-03	B31VH2 vial 3	Calcium	13100	ug/L	168	ICP-OES Vadose-NP
1601011-03	B31VH2 vial 3	Cesium 133	5.34	ug/L	0.51	ICPMS-RCRA-NP
1601011-03	B31VH2 vial 3	Chloride	7.37	ug/mL	2.5	Anions by IC-NP
1601011-03	B31VH2 vial 3	Chromium 52	28.9	ug/L	1.38	ICPMS-RCRA-NP
1601011-03	B31VH2 vial 3	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-03	B31VH2 vial 3	Magnesium	15.5	ug/L	13.5	ICP-OES Vadose-NP
1601011-03	B31VH2 vial 3	Nitrate	46.2	ug/mL	5	Anions by IC-NP
1601011-03	B31VH2 vial 3	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-03	B31VH2 vial 3	pH	8.48	pH Units		pH-NP
1601011-03	B31VH2 vial 3	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-03	B31VH2 vial 3	Potassium	7440	ug/L	806	ICP-OES Vadose-NP
1601011-03	B31VH2 vial 3	Silicon	50000	ug/L	274	ICP-OES Vadose-NP
1601011-03	B31VH2 vial 3	Sodium	142000	ug/L	223	ICP-OES Vadose-NP
1601011-03	B31VH2 vial 3	Strontium	59.5	ug/L	31.4	ICP-OES Vadose-NP
1601011-03	B31VH2 vial 3	Sulfate	182	ug/mL	7.5	Anions by IC-NP
1601011-03	B31VH2 vial 3	Sulfur	61000	ug/L	239	ICP-OES Vadose-NP
1601011-04	B31VH2 vial 4	Bromide	36.9	ug/mL	5	Anions by IC-NP
1601011-04	B31VH2 vial 4	Calcium	10300	ug/L	168	ICP-OES Vadose-NP
1601011-04	B31VH2 vial 4	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-04	B31VH2 vial 4	Chloride	4.46	ug/mL	2.5	Anions by IC-NP
1601011-04	B31VH2 vial 4	Chromium 52	9.9	ug/L	1.38	ICPMS-RCRA-NP
1601011-04	B31VH2 vial 4	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-04	B31VH2 vial 4	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-04	B31VH2 vial 4	Nitrate	40.5	ug/mL	5	Anions by IC-NP
1601011-04	B31VH2 vial 4	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-04	B31VH2 vial 4	pH	8.79	pH Units		pH-NP
1601011-04	B31VH2 vial 4	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-04	B31VH2 vial 4	Potassium	7350	ug/L	806	ICP-OES Vadose-NP
1601011-04	B31VH2 vial 4	Silicon	54100	ug/L	274	ICP-OES Vadose-NP
1601011-04	B31VH2 vial 4	Sodium	130000	ug/L	223	ICP-OES Vadose-NP
1601011-04	B31VH2 vial 4	Strontium	46.5	ug/L	31.4	ICP-OES Vadose-NP
1601011-04	B31VH2 vial 4	Sulfate	137	ug/mL	7.5	Anions by IC-NP
1601011-04	B31VH2 vial 4	Sulfur	46400	ug/L	239	ICP-OES Vadose-NP
1601011-05	B31VH2 vial 5	Alkalinity as CaCO3	125	ug/mL	23.5	Alkalinity-NP
1601011-05	B31VH2 vial 5	Bromide	40.6	ug/mL	5	Anions by IC-NP
1601011-05	B31VH2 vial 5	Calcium	8570	ug/L	168	ICP-OES Vadose-NP
1601011-05	B31VH2 vial 5	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-05	B31VH2 vial 5	Chloride	4.47	ug/mL	2.5	Anions by IC-NP
1601011-05	B31VH2 vial 5	Chromium 52	5.71	ug/L	1.38	ICPMS-RCRA-NP
1601011-05	B31VH2 vial 5	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-05	B31VH2 vial 5	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-05	B31VH2 vial 5	Nitrate	39.3	ug/mL	5	Anions by IC-NP
1601011-05	B31VH2 vial 5	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-05	B31VH2 vial 5	pH	8.74	pH Units		pH-NP
1601011-05	B31VH2 vial 5	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-05	B31VH2 vial 5	Potassium	7730	ug/L	806	ICP-OES Vadose-NP
1601011-05	B31VH2 vial 5	Silicon	54800	ug/L	274	ICP-OES Vadose-NP
1601011-05	B31VH2 vial 5	Sodium	124000	ug/L	223	ICP-OES Vadose-NP
1601011-05	B31VH2 vial 5	Strontium	41.8	ug/L	31.4	ICP-OES Vadose-NP
1601011-05	B31VH2 vial 5	Sulfate	123	ug/mL	7.5	Anions by IC-NP
1601011-05	B31VH2 vial 5	Sulfur	41500	ug/L	239	ICP-OES Vadose-NP
1601011-06	B31VH2 vial 6	Bromide	40.5	ug/mL	5	Anions by IC-NP
1601011-06	B31VH2 vial 6	Calcium	9000	ug/L	168	ICP-OES Vadose-NP
1601011-06	B31VH2 vial 6	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-06	B31VH2 vial 6	Chloride	3.34	ug/mL	2.5	Anions by IC-NP
1601011-06	B31VH2 vial 6	Chromium 52	4.82	ug/L	1.38	ICPMS-RCRA-NP
1601011-06	B31VH2 vial 6	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-06	B31VH2 vial 6	Magnesium	14.2	ug/L	13.5	ICP-OES Vadose-NP
1601011-06	B31VH2 vial 6	Nitrate	38.5	ug/mL	5	Anions by IC-NP
1601011-06	B31VH2 vial 6	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-06	B31VH2 vial 6	pH	8.93	pH Units		pH-NP
1601011-06	B31VH2 vial 6	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-06	B31VH2 vial 6	Potassium	6840	ug/L	806	ICP-OES Vadose-NP
1601011-06	B31VH2 vial 6	Silicon	54200	ug/L	274	ICP-OES Vadose-NP
1601011-06	B31VH2 vial 6	Sodium	123000	ug/L	223	ICP-OES Vadose-NP
1601011-06	B31VH2 vial 6	Strontium	41.8	ug/L	31.4	ICP-OES Vadose-NP
1601011-06	B31VH2 vial 6	Sulfate	118	ug/mL	7.5	Anions by IC-NP
1601011-06	B31VH2 vial 6	Sulfur	39200	ug/L	239	ICP-OES Vadose-NP
1601011-07	B31VH2 vial 7	Bromide	41	ug/mL	5	Anions by IC-NP
1601011-07	B31VH2 vial 7	Calcium	10000	ug/L	168	ICP-OES Vadose-NP
1601011-07	B31VH2 vial 7	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-07	B31VH2 vial 7	Chloride	2.87	ug/mL	2.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-07	B31VH2 vial 7	Chromium 52	4.39	ug/L	1.38	ICPMS-RCRA-NP
1601011-07	B31VH2 vial 7	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-07	B31VH2 vial 7	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-07	B31VH2 vial 7	Nitrate	38.8	ug/mL	5	Anions by IC-NP
1601011-07	B31VH2 vial 7	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-07	B31VH2 vial 7	pH	8.63	pH Units		pH-NP
1601011-07	B31VH2 vial 7	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-07	B31VH2 vial 7	Potassium	6470	ug/L	806	ICP-OES Vadose-NP
1601011-07	B31VH2 vial 7	Silicon	56100	ug/L	274	ICP-OES Vadose-NP
1601011-07	B31VH2 vial 7	Sodium	124000	ug/L	223	ICP-OES Vadose-NP
1601011-07	B31VH2 vial 7	Strontium	42.7	ug/L	31.4	ICP-OES Vadose-NP
1601011-07	B31VH2 vial 7	Sulfate	115	ug/mL	7.5	Anions by IC-NP
1601011-07	B31VH2 vial 7	Sulfur	39400	ug/L	239	ICP-OES Vadose-NP
1601011-08	B31VH2 vial 8	Bromide	40.6	ug/mL	5	Anions by IC-NP
1601011-08	B31VH2 vial 8	Calcium	9820	ug/L	168	ICP-OES Vadose-NP
1601011-08	B31VH2 vial 8	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-08	B31VH2 vial 8	Chloride	5.96	ug/mL	2.5	Anions by IC-NP
1601011-08	B31VH2 vial 8	Chromium 52	4.72	ug/L	1.38	ICPMS-RCRA-NP
1601011-08	B31VH2 vial 8	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-08	B31VH2 vial 8	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-08	B31VH2 vial 8	Nitrate	38.2	ug/mL	5	Anions by IC-NP
1601011-08	B31VH2 vial 8	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-08	B31VH2 vial 8	pH	8.91	pH Units		pH-NP
1601011-08	B31VH2 vial 8	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-08	B31VH2 vial 8	Potassium	9410	ug/L	806	ICP-OES Vadose-NP
1601011-08	B31VH2 vial 8	Silicon	56100	ug/L	274	ICP-OES Vadose-NP
1601011-08	B31VH2 vial 8	Sodium	122000	ug/L	223	ICP-OES Vadose-NP
1601011-08	B31VH2 vial 8	Strontium	42.1	ug/L	31.4	ICP-OES Vadose-NP
1601011-08	B31VH2 vial 8	Sulfate	113	ug/mL	7.5	Anions by IC-NP
1601011-08	B31VH2 vial 8	Sulfur	38400	ug/L	239	ICP-OES Vadose-NP
1601011-09	B31VH2 vial 9	Alkalinity as CaCO3	127	ug/mL	23.5	Alkalinity-NP
1601011-09	B31VH2 vial 9	Bromide	40.7	ug/mL	5	Anions by IC-NP
1601011-09	B31VH2 vial 9	Calcium	9790	ug/L	168	ICP-OES Vadose-NP
1601011-09	B31VH2 vial 9	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-09	B31VH2 vial 9	Chloride	4.47	ug/mL	2.5	Anions by IC-NP
1601011-09	B31VH2 vial 9	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-09	B31VH2 vial 9	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-09	B31VH2 vial 9	Nitrate	38.4	ug/mL	5	Anions by IC-NP
1601011-09	B31VH2 vial 9	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-09	B31VH2 vial 9	pH	8.61	pH Units		pH-NP
1601011-09	B31VH2 vial 9	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-09	B31VH2 vial 9	Potassium	7930	ug/L	806	ICP-OES Vadose-NP
1601011-09	B31VH2 vial 9	Silicon	55500	ug/L	274	ICP-OES Vadose-NP
1601011-09	B31VH2 vial 9	Sodium	120000	ug/L	223	ICP-OES Vadose-NP
1601011-09	B31VH2 vial 9	Strontium	42.4	ug/L	31.4	ICP-OES Vadose-NP
1601011-09	B31VH2 vial 9	Sulfate	111	ug/mL	7.5	Anions by IC-NP
1601011-09	B31VH2 vial 9	Sulfur	38000	ug/L	239	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-09RE1	B31VH2 vial 9	Chromium 52	4.02	ug/L	0.692	ICPMS-RCRA-NP
1601011-10	B31VH2 vial 10	Bromide	41.4	ug/mL	5	Anions by IC-NP
1601011-10	B31VH2 vial 10	Calcium	12300	ug/L	168	ICP-OES Vadose-NP
1601011-10	B31VH2 vial 10	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-10	B31VH2 vial 10	Chloride	5.04	ug/mL	2.5	Anions by IC-NP
1601011-10	B31VH2 vial 10	Chromium 52	2.35	ug/L	1.38	ICPMS-RCRA-NP
1601011-10	B31VH2 vial 10	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-10	B31VH2 vial 10	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-10	B31VH2 vial 10	Nitrate	38.9	ug/mL	5	Anions by IC-NP
1601011-10	B31VH2 vial 10	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-10	B31VH2 vial 10	pH	8.52	pH Units		pH-NP
1601011-10	B31VH2 vial 10	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-10	B31VH2 vial 10	Potassium	8410	ug/L	806	ICP-OES Vadose-NP
1601011-10	B31VH2 vial 10	Silicon	54400	ug/L	274	ICP-OES Vadose-NP
1601011-10	B31VH2 vial 10	Sodium	118000	ug/L	223	ICP-OES Vadose-NP
1601011-10	B31VH2 vial 10	Strontium	43	ug/L	31.4	ICP-OES Vadose-NP
1601011-10	B31VH2 vial 10	Sulfate	113	ug/mL	7.5	Anions by IC-NP
1601011-10	B31VH2 vial 10	Sulfur	37500	ug/L	239	ICP-OES Vadose-NP
1601011-11	B31VH2 vial 11	Bromide	39.5	ug/mL	5	Anions by IC-NP
1601011-11	B31VH2 vial 11	Calcium	12300	ug/L	168	ICP-OES Vadose-NP
1601011-11	B31VH2 vial 11	Cesium 133	12.1	ug/L	0.51	ICPMS-RCRA-NP
1601011-11	B31VH2 vial 11	Chloride	17.6	ug/mL	2.5	Anions by IC-NP
1601011-11	B31VH2 vial 11	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-11	B31VH2 vial 11	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-11	B31VH2 vial 11	Nitrate	38.8	ug/mL	5	Anions by IC-NP
1601011-11	B31VH2 vial 11	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-11	B31VH2 vial 11	pH	8.79	pH Units		pH-NP
1601011-11	B31VH2 vial 11	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-11	B31VH2 vial 11	Potassium	19900	ug/L	806	ICP-OES Vadose-NP
1601011-11	B31VH2 vial 11	Silicon	52500	ug/L	274	ICP-OES Vadose-NP
1601011-11	B31VH2 vial 11	Sodium	134000	ug/L	223	ICP-OES Vadose-NP
1601011-11	B31VH2 vial 11	Strontium	60.2	ug/L	31.4	ICP-OES Vadose-NP
1601011-11	B31VH2 vial 11	Sulfate	167	ug/mL	7.5	Anions by IC-NP
1601011-11	B31VH2 vial 11	Sulfur	55500	ug/L	239	ICP-OES Vadose-NP
1601011-11RE1	B31VH2 vial 11	Chromium 52	22.3	ug/L	0.692	ICPMS-RCRA-NP
1601011-12	B31VH2 vial 12	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601011-12	B31VH2 vial 12	Calcium	12600	ug/L	168	ICP-OES Vadose-NP
1601011-12	B31VH2 vial 12	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-12	B31VH2 vial 12	Chloride	4.29	ug/mL	2.5	Anions by IC-NP
1601011-12	B31VH2 vial 12	Chromium 52	15.6	ug/L	1.38	ICPMS-RCRA-NP
1601011-12	B31VH2 vial 12	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-12	B31VH2 vial 12	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-12	B31VH2 vial 12	Nitrate	38	ug/mL	5	Anions by IC-NP
1601011-12	B31VH2 vial 12	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-12	B31VH2 vial 12	pH	8.95	pH Units		pH-NP
1601011-12	B31VH2 vial 12	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-12	B31VH2 vial 12	Potassium	7700	ug/L	806	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-12	B31VH2 vial 12	Silicon	53000	ug/L	274	ICP-OES Vadose-NP
1601011-12	B31VH2 vial 12	Sodium	134000	ug/L	223	ICP-OES Vadose-NP
1601011-12	B31VH2 vial 12	Strontium	57.5	ug/L	31.4	ICP-OES Vadose-NP
1601011-12	B31VH2 vial 12	Sulfate	149	ug/mL	7.5	Anions by IC-NP
1601011-12	B31VH2 vial 12	Sulfur	50600	ug/L	239	ICP-OES Vadose-NP
1601011-13	B31VH2 vial 13	Bromide	39.5	ug/mL	5	Anions by IC-NP
1601011-13	B31VH2 vial 13	Calcium	13200	ug/L	168	ICP-OES Vadose-NP
1601011-13	B31VH2 vial 13	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-13	B31VH2 vial 13	Chloride	4.54	ug/mL	2.5	Anions by IC-NP
1601011-13	B31VH2 vial 13	Chromium 52	8.24	ug/L	1.38	ICPMS-RCRA-NP
1601011-13	B31VH2 vial 13	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-13	B31VH2 vial 13	Magnesium	27.7	ug/L	13.5	ICP-OES Vadose-NP
1601011-13	B31VH2 vial 13	Nitrate	37.6	ug/mL	5	Anions by IC-NP
1601011-13	B31VH2 vial 13	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-13	B31VH2 vial 13	pH	9.74	pH Units		pH-NP
1601011-13	B31VH2 vial 13	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-13	B31VH2 vial 13	Potassium	8100	ug/L	806	ICP-OES Vadose-NP
1601011-13	B31VH2 vial 13	Silicon	53100	ug/L	274	ICP-OES Vadose-NP
1601011-13	B31VH2 vial 13	Sodium	119000	ug/L	223	ICP-OES Vadose-NP
1601011-13	B31VH2 vial 13	Strontium	47.9	ug/L	31.4	ICP-OES Vadose-NP
1601011-13	B31VH2 vial 13	Sulfate	116	ug/mL	7.5	Anions by IC-NP
1601011-13	B31VH2 vial 13	Sulfur	39600	ug/L	239	ICP-OES Vadose-NP
1601011-14	B31VH2 vial 14	Bromide	40.7	ug/mL	5	Anions by IC-NP
1601011-14	B31VH2 vial 14	Calcium	10900	ug/L	168	ICP-OES Vadose-NP
1601011-14	B31VH2 vial 14	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-14	B31VH2 vial 14	Chloride	3.11	ug/mL	2.5	Anions by IC-NP
1601011-14	B31VH2 vial 14	Chromium 52	3.69	ug/L	1.38	ICPMS-RCRA-NP
1601011-14	B31VH2 vial 14	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-14	B31VH2 vial 14	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-14	B31VH2 vial 14	Nitrate	38.1	ug/mL	5	Anions by IC-NP
1601011-14	B31VH2 vial 14	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-14	B31VH2 vial 14	pH	9.24	pH Units		pH-NP
1601011-14	B31VH2 vial 14	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-14	B31VH2 vial 14	Potassium	6740	ug/L	806	ICP-OES Vadose-NP
1601011-14	B31VH2 vial 14	Silicon	55000	ug/L	274	ICP-OES Vadose-NP
1601011-14	B31VH2 vial 14	Sodium	115000	ug/L	223	ICP-OES Vadose-NP
1601011-14	B31VH2 vial 14	Strontium	42.6	ug/L	31.4	ICP-OES Vadose-NP
1601011-14	B31VH2 vial 14	Sulfate	103	ug/mL	7.5	Anions by IC-NP
1601011-14	B31VH2 vial 14	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601011-15	B31VH2 vial 15	Bromide	40.2	ug/mL	5	Anions by IC-NP
1601011-15	B31VH2 vial 15	Calcium	11400	ug/L	168	ICP-OES Vadose-NP
1601011-15	B31VH2 vial 15	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-15	B31VH2 vial 15	Chloride	14.8	ug/mL	2.5	Anions by IC-NP
1601011-15	B31VH2 vial 15	Chromium 52	2.41	ug/L	1.38	ICPMS-RCRA-NP
1601011-15	B31VH2 vial 15	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-15	B31VH2 vial 15	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-15	B31VH2 vial 15	Nitrate	37.6	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-15	B31VH2 vial 15	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-15	B31VH2 vial 15	pH	9.24	pH Units		pH-NP
1601011-15	B31VH2 vial 15	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-15	B31VH2 vial 15	Potassium	18000	ug/L	806	ICP-OES Vadose-NP
1601011-15	B31VH2 vial 15	Silicon	53000	ug/L	274	ICP-OES Vadose-NP
1601011-15	B31VH2 vial 15	Sodium	110000	ug/L	223	ICP-OES Vadose-NP
1601011-15	B31VH2 vial 15	Strontium	41.7	ug/L	31.4	ICP-OES Vadose-NP
1601011-15	B31VH2 vial 15	Sulfate	95.4	ug/mL	7.5	Anions by IC-NP
1601011-15	B31VH2 vial 15	Sulfur	32200	ug/L	239	ICP-OES Vadose-NP
1601011-16	B31VH2 vial 16	Alkalinity as CaCO3	128	ug/mL	23.5	Alkalinity-NP
1601011-16	B31VH2 vial 16	Bromide	40.6	ug/mL	5	Anions by IC-NP
1601011-16	B31VH2 vial 16	Calcium	11800	ug/L	168	ICP-OES Vadose-NP
1601011-16	B31VH2 vial 16	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-16	B31VH2 vial 16	Chloride	3.91	ug/mL	2.5	Anions by IC-NP
1601011-16	B31VH2 vial 16	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-16	B31VH2 vial 16	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-16	B31VH2 vial 16	Nitrate	37.8	ug/mL	5	Anions by IC-NP
1601011-16	B31VH2 vial 16	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-16	B31VH2 vial 16	pH	8.64	pH Units		pH-NP
1601011-16	B31VH2 vial 16	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-16	B31VH2 vial 16	Potassium	7740	ug/L	806	ICP-OES Vadose-NP
1601011-16	B31VH2 vial 16	Silicon	53600	ug/L	274	ICP-OES Vadose-NP
1601011-16	B31VH2 vial 16	Sodium	110000	ug/L	223	ICP-OES Vadose-NP
1601011-16	B31VH2 vial 16	Strontium	42.6	ug/L	31.4	ICP-OES Vadose-NP
1601011-16	B31VH2 vial 16	Sulfate	96.7	ug/mL	7.5	Anions by IC-NP
1601011-16	B31VH2 vial 16	Sulfur	31900	ug/L	239	ICP-OES Vadose-NP
1601011-16RE1	B31VH2 vial 16	Chromium 52	1.92	ug/L	0.692	ICPMS-RCRA-NP
1601011-17	B31VH2 vial 17	Bromide	41	ug/mL	5	Anions by IC-NP
1601011-17	B31VH2 vial 17	Calcium	12200	ug/L	168	ICP-OES Vadose-NP
1601011-17	B31VH2 vial 17	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-17	B31VH2 vial 17	Chloride	69	ug/mL	2.5	Anions by IC-NP
1601011-17	B31VH2 vial 17	Chromium 52	1.44	ug/L	1.38	ICPMS-RCRA-NP
1601011-17	B31VH2 vial 17	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-17	B31VH2 vial 17	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-17	B31VH2 vial 17	Nitrate	38.3	ug/mL	5	Anions by IC-NP
1601011-17	B31VH2 vial 17	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-17	B31VH2 vial 17	pH	8.43	pH Units		pH-NP
1601011-17	B31VH2 vial 17	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-17	B31VH2 vial 17	Potassium	70500	ug/L	806	ICP-OES Vadose-NP
1601011-17	B31VH2 vial 17	Silicon	51800	ug/L	274	ICP-OES Vadose-NP
1601011-17	B31VH2 vial 17	Sodium	108000	ug/L	223	ICP-OES Vadose-NP
1601011-17	B31VH2 vial 17	Strontium	42.6	ug/L	31.4	ICP-OES Vadose-NP
1601011-17	B31VH2 vial 17	Sulfate	96.5	ug/mL	7.5	Anions by IC-NP
1601011-17	B31VH2 vial 17	Sulfur	32000	ug/L	239	ICP-OES Vadose-NP
1601011-18	B31VH2 vial 18	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601011-18	B31VH2 vial 18	Calcium	16500	ug/L	168	ICP-OES Vadose-NP
1601011-18	B31VH2 vial 18	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-18	B31VH2 vial 18	Chloride	5.1	ug/mL	2.5	Anions by IC-NP
1601011-18	B31VH2 vial 18	Chromium 52	17.5	ug/L	1.38	ICPMS-RCRA-NP
1601011-18	B31VH2 vial 18	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-18	B31VH2 vial 18	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-18	B31VH2 vial 18	Nitrate	37.7	ug/mL	5	Anions by IC-NP
1601011-18	B31VH2 vial 18	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-18	B31VH2 vial 18	pH	9.7	pH Units		pH-NP
1601011-18	B31VH2 vial 18	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-18	B31VH2 vial 18	Potassium	8340	ug/L	806	ICP-OES Vadose-NP
1601011-18	B31VH2 vial 18	Silicon	51100	ug/L	274	ICP-OES Vadose-NP
1601011-18	B31VH2 vial 18	Sodium	123000	ug/L	223	ICP-OES Vadose-NP
1601011-18	B31VH2 vial 18	Strontium	57.1	ug/L	31.4	ICP-OES Vadose-NP
1601011-18	B31VH2 vial 18	Sulfate	134	ug/mL	7.5	Anions by IC-NP
1601011-18	B31VH2 vial 18	Sulfur	44100	ug/L	239	ICP-OES Vadose-NP
1601011-19	B31VH2 vial 19	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601011-19	B31VH2 vial 19	Calcium	15200	ug/L	168	ICP-OES Vadose-NP
1601011-19	B31VH2 vial 19	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-19	B31VH2 vial 19	Chloride	5.61	ug/mL	2.5	Anions by IC-NP
1601011-19	B31VH2 vial 19	Chromium 52	11.6	ug/L	1.38	ICPMS-RCRA-NP
1601011-19	B31VH2 vial 19	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-19	B31VH2 vial 19	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-19	B31VH2 vial 19	Nitrate	37.3	ug/mL	5	Anions by IC-NP
1601011-19	B31VH2 vial 19	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-19	B31VH2 vial 19	pH	9.98	pH Units		pH-NP
1601011-19	B31VH2 vial 19	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-19	B31VH2 vial 19	Potassium	8660	ug/L	806	ICP-OES Vadose-NP
1601011-19	B31VH2 vial 19	Silicon	49700	ug/L	274	ICP-OES Vadose-NP
1601011-19	B31VH2 vial 19	Sodium	114000	ug/L	223	ICP-OES Vadose-NP
1601011-19	B31VH2 vial 19	Strontium	52.4	ug/L	31.4	ICP-OES Vadose-NP
1601011-19	B31VH2 vial 19	Sulfate	122	ug/mL	7.5	Anions by IC-NP
1601011-19	B31VH2 vial 19	Sulfur	40700	ug/L	239	ICP-OES Vadose-NP
1601011-20	B31VH2 vial 20	Alkalinity as CaCO3	128	ug/mL	23.5	Alkalinity-NP
1601011-20	B31VH2 vial 20	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601011-20	B31VH2 vial 20	Calcium	14700	ug/L	168	ICP-OES Vadose-NP
1601011-20	B31VH2 vial 20	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-20	B31VH2 vial 20	Chloride	3.77	ug/mL	2.5	Anions by IC-NP
1601011-20	B31VH2 vial 20	Chromium 52	23.8	ug/L	1.38	ICPMS-RCRA-NP
1601011-20	B31VH2 vial 20	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-20	B31VH2 vial 20	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-20	B31VH2 vial 20	Nitrate	36.7	ug/mL	5	Anions by IC-NP
1601011-20	B31VH2 vial 20	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-20	B31VH2 vial 20	pH	9.86	pH Units		pH-NP
1601011-20	B31VH2 vial 20	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-20	B31VH2 vial 20	Potassium	7480	ug/L	806	ICP-OES Vadose-NP
1601011-20	B31VH2 vial 20	Silicon	49600	ug/L	274	ICP-OES Vadose-NP
1601011-20	B31VH2 vial 20	Sodium	113000	ug/L	223	ICP-OES Vadose-NP
1601011-20	B31VH2 vial 20	Strontium	50.7	ug/L	31.4	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-20	B31VH2 vial 20	Sulfate	106	ug/mL	7.5	Anions by IC-NP
1601011-20	B31VH2 vial 20	Sulfur	35300	ug/L	239	ICP-OES Vadose-NP
1601011-21	B31VH2 vial 21	Bromide	40.3	ug/mL	5	Anions by IC-NP
1601011-21	B31VH2 vial 21	Calcium	13200	ug/L	168	ICP-OES Vadose-NP
1601011-21	B31VH2 vial 21	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-21	B31VH2 vial 21	Chloride	3	ug/mL	2.5	Anions by IC-NP
1601011-21	B31VH2 vial 21	Chromium 52	2.31	ug/L	1.38	ICPMS-RCRA-NP
1601011-21	B31VH2 vial 21	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-21	B31VH2 vial 21	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-21	B31VH2 vial 21	Nitrate	37.6	ug/mL	5	Anions by IC-NP
1601011-21	B31VH2 vial 21	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-21	B31VH2 vial 21	pH	10.2	pH Units		pH-NP
1601011-21	B31VH2 vial 21	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-21	B31VH2 vial 21	Potassium	6580	ug/L	806	ICP-OES Vadose-NP
1601011-21	B31VH2 vial 21	Silicon	48300	ug/L	274	ICP-OES Vadose-NP
1601011-21	B31VH2 vial 21	Sodium	101000	ug/L	223	ICP-OES Vadose-NP
1601011-21	B31VH2 vial 21	Strontium	45.4	ug/L	31.4	ICP-OES Vadose-NP
1601011-21	B31VH2 vial 21	Sulfate	96.6	ug/mL	7.5	Anions by IC-NP
1601011-21	B31VH2 vial 21	Sulfur	31500	ug/L	239	ICP-OES Vadose-NP
1601011-22	B31VH2 vial 22	Bromide	39.8	ug/mL	5	Anions by IC-NP
1601011-22	B31VH2 vial 22	Calcium	13800	ug/L	168	ICP-OES Vadose-NP
1601011-22	B31VH2 vial 22	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-22	B31VH2 vial 22	Chloride	3.74	ug/mL	2.5	Anions by IC-NP
1601011-22	B31VH2 vial 22	Chromium 52	17.2	ug/L	1.38	ICPMS-RCRA-NP
1601011-22	B31VH2 vial 22	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-22	B31VH2 vial 22	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-22	B31VH2 vial 22	Nitrate	37	ug/mL	5	Anions by IC-NP
1601011-22	B31VH2 vial 22	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-22	B31VH2 vial 22	pH	10.3	pH Units		pH-NP
1601011-22	B31VH2 vial 22	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-22	B31VH2 vial 22	Potassium	7720	ug/L	806	ICP-OES Vadose-NP
1601011-22	B31VH2 vial 22	Silicon	47000	ug/L	274	ICP-OES Vadose-NP
1601011-22	B31VH2 vial 22	Sodium	102000	ug/L	223	ICP-OES Vadose-NP
1601011-22	B31VH2 vial 22	Strontium	47.4	ug/L	31.4	ICP-OES Vadose-NP
1601011-22	B31VH2 vial 22	Sulfate	91.9	ug/mL	7.5	Anions by IC-NP
1601011-22	B31VH2 vial 22	Sulfur	30400	ug/L	239	ICP-OES Vadose-NP
1601011-23	B31VH2 vial 23	Bromide	39.9	ug/mL	5	Anions by IC-NP
1601011-23	B31VH2 vial 23	Calcium	13900	ug/L	168	ICP-OES Vadose-NP
1601011-23	B31VH2 vial 23	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-23	B31VH2 vial 23	Chloride	4.04	ug/mL	2.5	Anions by IC-NP
1601011-23	B31VH2 vial 23	Chromium 52	2.21	ug/L	1.38	ICPMS-RCRA-NP
1601011-23	B31VH2 vial 23	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-23	B31VH2 vial 23	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-23	B31VH2 vial 23	Nitrate	37	ug/mL	5	Anions by IC-NP
1601011-23	B31VH2 vial 23	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-23	B31VH2 vial 23	pH	9.83	pH Units		pH-NP
1601011-23	B31VH2 vial 23	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-23	B31VH2 vial 23	Potassium	8050	ug/L	806	ICP-OES Vadose-NP
1601011-23	B31VH2 vial 23	Silicon	45900	ug/L	274	ICP-OES Vadose-NP
1601011-23	B31VH2 vial 23	Sodium	99300	ug/L	223	ICP-OES Vadose-NP
1601011-23	B31VH2 vial 23	Strontium	48.7	ug/L	31.4	ICP-OES Vadose-NP
1601011-23	B31VH2 vial 23	Sulfate	91.1	ug/mL	7.5	Anions by IC-NP
1601011-23	B31VH2 vial 23	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1601011-24	B31VH2 vial 24	Bromide	39.5	ug/mL	5	Anions by IC-NP
1601011-24	B31VH2 vial 24	Calcium	14100	ug/L	168	ICP-OES Vadose-NP
1601011-24	B31VH2 vial 24	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-24	B31VH2 vial 24	Chloride	4.07	ug/mL	2.5	Anions by IC-NP
1601011-24	B31VH2 vial 24	Chromium 52	1.76	ug/L	1.38	ICPMS-RCRA-NP
1601011-24	B31VH2 vial 24	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-24	B31VH2 vial 24	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-24	B31VH2 vial 24	Nitrate	36.7	ug/mL	5	Anions by IC-NP
1601011-24	B31VH2 vial 24	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-24	B31VH2 vial 24	pH	9.5	pH Units		pH-NP
1601011-24	B31VH2 vial 24	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-24	B31VH2 vial 24	Potassium	7680	ug/L	806	ICP-OES Vadose-NP
1601011-24	B31VH2 vial 24	Silicon	43300	ug/L	274	ICP-OES Vadose-NP
1601011-24	B31VH2 vial 24	Sodium	93600	ug/L	223	ICP-OES Vadose-NP
1601011-24	B31VH2 vial 24	Strontium	51.1	ug/L	31.4	ICP-OES Vadose-NP
1601011-24	B31VH2 vial 24	Sulfate	91.2	ug/mL	7.5	Anions by IC-NP
1601011-24	B31VH2 vial 24	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1601011-25	B31VH2 vial 25	Alkalinity as CaCO3	106	ug/mL	23.5	Alkalinity-NP
1601011-25	B31VH2 vial 25	Bromide	39.8	ug/mL	5	Anions by IC-NP
1601011-25	B31VH2 vial 25	Calcium	14700	ug/L	168	ICP-OES Vadose-NP
1601011-25	B31VH2 vial 25	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-25	B31VH2 vial 25	Chloride	2.83	ug/mL	2.5	Anions by IC-NP
1601011-25	B31VH2 vial 25	Chromium 52	1.65	ug/L	1.38	ICPMS-RCRA-NP
1601011-25	B31VH2 vial 25	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-25	B31VH2 vial 25	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-25	B31VH2 vial 25	Nitrate	37	ug/mL	5	Anions by IC-NP
1601011-25	B31VH2 vial 25	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-25	B31VH2 vial 25	pH	10.3	pH Units		pH-NP
1601011-25	B31VH2 vial 25	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-25	B31VH2 vial 25	Potassium	6730	ug/L	806	ICP-OES Vadose-NP
1601011-25	B31VH2 vial 25	Silicon	41700	ug/L	274	ICP-OES Vadose-NP
1601011-25	B31VH2 vial 25	Sodium	92500	ug/L	223	ICP-OES Vadose-NP
1601011-25	B31VH2 vial 25	Strontium	50.5	ug/L	31.4	ICP-OES Vadose-NP
1601011-25	B31VH2 vial 25	Sulfate	91.2	ug/mL	7.5	Anions by IC-NP
1601011-25	B31VH2 vial 25	Sulfur	30400	ug/L	239	ICP-OES Vadose-NP
1601011-26	B31VH2 vial 26	Calcium	ND	ug/L	168	ICP-OES Vadose-NP
1601011-26	B31VH2 vial 26	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601011-26	B31VH2 vial 26	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601011-26	B31VH2 vial 26	Magnesium	ND	ug/L	13.5	ICP-OES Vadose-NP
1601011-26	B31VH2 vial 26	pH	8.46	pH Units		pH-NP
1601011-26	B31VH2 vial 26	Potassium	ND	ug/L	806	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601011-26	B31VH2 vial 26	Silicon	ND	ug/L	274	ICP-OES Vadose-NP
1601011-26	B31VH2 vial 26	Sodium	ND	ug/L	223	ICP-OES Vadose-NP
1601011-26	B31VH2 vial 26	Strontium	ND	ug/L	31.4	ICP-OES Vadose-NP
1601011-26	B31VH2 vial 26	Sulfur	ND	ug/L	239	ICP-OES Vadose-NP
1601011-27	B31VH2 vial 27	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601011-27	B31VH2 vial 27	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601011-27	B31VH2 vial 27	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601011-27	B31VH2 vial 27	Nitrate	37.4	ug/mL	5	Anions by IC-NP
1601011-27	B31VH2 vial 27	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601011-27	B31VH2 vial 27	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601011-27	B31VH2 vial 27	Sulfate	118	ug/mL	7.5	Anions by IC-NP
1601011-28	B31VH2 vial 28	Bromide	36.9	ug/mL	5	Anions by IC-NP
1601011-29	B31VH2 vial 29	Bromide	18.4	ug/mL	5	Anions by IC-NP
1601011-30	B31VH2 vial 30	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-31	B31VH2 vial 31	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-32	B31VH2 vial 32	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-33	B31VH2 vial 33	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-34	B31VH2 vial 34	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-35	B31VH2 vial 35	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-36	B31VH2 vial 36	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-37	B31VH2 vial 37	Bromide	ND	ug/mL	5	Anions by IC-NP
1601011-38	B31VH2 vial 38	Bromide	ND	ug/mL	5	Anions by IC-NP

Analytical results from the intact column leachates.

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-01	B31F23 column, vial 1	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-01	B31F23 column, vial 1	Calcium	112000	ug/L	168	ICP-OES Vadose-NP
1511002-01	B31F23 column, vial 1	Chloride	76.8	ug/mL	2.5	Anions by IC-NP
1511002-01	B31F23 column, vial 1	Magnesium	20100	ug/L	13.5	ICP-OES Vadose-NP
1511002-01	B31F23 column, vial 1	Nitrate	53.2	ug/mL	5	Anions by IC-NP
1511002-01	B31F23 column, vial 1	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-01	B31F23 column, vial 1	pH	8.19	pH Units		pH-NP
1511002-01	B31F23 column, vial 1	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-01	B31F23 column, vial 1	Potassium	13200	ug/L	806	ICP-OES Vadose-NP
1511002-01	B31F23 column, vial 1	Silicon	14100	ug/L	274	ICP-OES Vadose-NP
1511002-01	B31F23 column, vial 1	Sodium	176000	ug/L	223	ICP-OES Vadose-NP
1511002-01	B31F23 column, vial 1	Strontium	513	ug/L	31.4	ICP-OES Vadose-NP
1511002-01	B31F23 column, vial 1	Sulfate	480	ug/mL	7.5	Anions by IC-NP
1511002-01	B31F23 column, vial 1	Sulfur	169000	ug/L	239	ICP-OES Vadose-NP
1511002-01RE1	B31F23 column, vial 1	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1511002-01RE1	B31F23 column, vial 1	Chromium 52	17.2	ug/L	1.38	ICPMS-RCRA-NP
1511002-02	B31F23 column, vial 2	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-02	B31F23 column, vial 2	Calcium	95700	ug/L	168	ICP-OES Vadose-NP
1511002-02	B31F23 column, vial 2	Chloride	67.1	ug/mL	2.5	Anions by IC-NP
1511002-02	B31F23 column, vial 2	Magnesium	16800	ug/L	13.5	ICP-OES Vadose-NP
1511002-02	B31F23 column, vial 2	Nitrate	42.9	ug/mL	5	Anions by IC-NP
1511002-02	B31F23 column, vial 2	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-02	B31F23 column, vial 2	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-02	B31F23 column, vial 2	Potassium	11600	ug/L	806	ICP-OES Vadose-NP
1511002-02	B31F23 column, vial 2	Silicon	12300	ug/L	274	ICP-OES Vadose-NP
1511002-02	B31F23 column, vial 2	Sodium	160000	ug/L	223	ICP-OES Vadose-NP
1511002-02	B31F23 column, vial 2	Strontium	434	ug/L	31.4	ICP-OES Vadose-NP
1511002-02	B31F23 column, vial 2	Sulfate	422	ug/mL	7.5	Anions by IC-NP
1511002-02	B31F23 column, vial 2	Sulfur	145000	ug/L	239	ICP-OES Vadose-NP
1511002-02RE1	B31F23 column, vial 2	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1511002-02RE1	B31F23 column, vial 2	Chromium 52	15.9	ug/L	1.38	ICPMS-RCRA-NP
1511002-03	B31F23 column, vial 3	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-03	B31F23 column, vial 3	Calcium	75700	ug/L	168	ICP-OES Vadose-NP
1511002-03	B31F23 column, vial 3	Chloride	53.2	ug/mL	2.5	Anions by IC-NP
1511002-03	B31F23 column, vial 3	Magnesium	13000	ug/L	13.5	ICP-OES Vadose-NP
1511002-03	B31F23 column, vial 3	Nitrate	34.8	ug/mL	5	Anions by IC-NP
1511002-03	B31F23 column, vial 3	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-03	B31F23 column, vial 3	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-03	B31F23 column, vial 3	Potassium	10500	ug/L	806	ICP-OES Vadose-NP
1511002-03	B31F23 column, vial 3	Silicon	10900	ug/L	274	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-03	B31F23 column, vial 3	Sodium	145000	ug/L	223	ICP-OES Vadose-NP
1511002-03	B31F23 column, vial 3	Strontium	340	ug/L	31.4	ICP-OES Vadose-NP
1511002-03	B31F23 column, vial 3	Sulfate	333	ug/mL	7.5	Anions by IC-NP
1511002-03	B31F23 column, vial 3	Sulfur	114000	ug/L	239	ICP-OES Vadose-NP
1511002-03RE1	B31F23 column, vial 3	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1511002-03RE1	B31F23 column, vial 3	Chromium 52	9.9	ug/L	1.38	ICPMS-RCRA-NP
1511002-04	B31F23 column, vial 4	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-04	B31F23 column, vial 4	Calcium	61900	ug/L	168	ICP-OES Vadose-NP
1511002-04	B31F23 column, vial 4	Chloride	41.8	ug/mL	2.5	Anions by IC-NP
1511002-04	B31F23 column, vial 4	Magnesium	10400	ug/L	13.5	ICP-OES Vadose-NP
1511002-04	B31F23 column, vial 4	Nitrate	30.8	ug/mL	5	Anions by IC-NP
1511002-04	B31F23 column, vial 4	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-04	B31F23 column, vial 4	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-04	B31F23 column, vial 4	Potassium	9700	ug/L	806	ICP-OES Vadose-NP
1511002-04	B31F23 column, vial 4	Silicon	10200	ug/L	274	ICP-OES Vadose-NP
1511002-04	B31F23 column, vial 4	Sodium	131000	ug/L	223	ICP-OES Vadose-NP
1511002-04	B31F23 column, vial 4	Strontium	283	ug/L	31.4	ICP-OES Vadose-NP
1511002-04	B31F23 column, vial 4	Sulfate	268	ug/mL	7.5	Anions by IC-NP
1511002-04	B31F23 column, vial 4	Sulfur	92200	ug/L	239	ICP-OES Vadose-NP
1511002-04RE1	B31F23 column, vial 4	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1511002-04RE1	B31F23 column, vial 4	Chromium 52	7.36	ug/L	1.38	ICPMS-RCRA-NP
1511002-05	B31F23 column, vial 5	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-05	B31F23 column, vial 5	Calcium	49500	ug/L	168	ICP-OES Vadose-NP
1511002-05	B31F23 column, vial 5	Chloride	32.8	ug/mL	2.5	Anions by IC-NP
1511002-05	B31F23 column, vial 5	Magnesium	8600	ug/L	13.5	ICP-OES Vadose-NP
1511002-05	B31F23 column, vial 5	Nitrate	28.4	ug/mL	5	Anions by IC-NP
1511002-05	B31F23 column, vial 5	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-05	B31F23 column, vial 5	pH	8.4	pH Units		pH-NP
1511002-05	B31F23 column, vial 5	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-05	B31F23 column, vial 5	Potassium	8650	ug/L	806	ICP-OES Vadose-NP
1511002-05	B31F23 column, vial 5	Silicon	9820	ug/L	274	ICP-OES Vadose-NP
1511002-05	B31F23 column, vial 5	Sodium	115000	ug/L	223	ICP-OES Vadose-NP
1511002-05	B31F23 column, vial 5	Strontium	231	ug/L	31.4	ICP-OES Vadose-NP
1511002-05	B31F23 column, vial 5	Sulfate	222	ug/mL	7.5	Anions by IC-NP
1511002-05	B31F23 column, vial 5	Sulfur	76500	ug/L	239	ICP-OES Vadose-NP
1511002-05RE1	B31F23 column, vial 5	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1511002-05RE1	B31F23 column, vial 5	Chromium 52	5.66	ug/L	1.38	ICPMS-RCRA-NP
1511002-06	B31F23 column, vial 6	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-06	B31F23 column, vial 6	Calcium	40600	ug/L	168	ICP-OES Vadose-NP
1511002-06	B31F23 column, vial 6	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-06	B31F23 column, vial 6	Chloride	25.2	ug/mL	2.5	Anions by IC-NP
1511002-06	B31F23 column, vial 6	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-06	B31F23 column, vial 6	Magnesium	6940	ug/L	13.5	ICP-OES Vadose-NP
1511002-06	B31F23 column, vial 6	Nitrate	27.1	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-06	B31F23 column, vial 6	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-06	B31F23 column, vial 6	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-06	B31F23 column, vial 6	Potassium	8000	ug/L	806	ICP-OES Vadose-NP
1511002-06	B31F23 column, vial 6	Silicon	9370	ug/L	274	ICP-OES Vadose-NP
1511002-06	B31F23 column, vial 6	Sodium	104000	ug/L	223	ICP-OES Vadose-NP
1511002-06	B31F23 column, vial 6	Strontium	192	ug/L	31.4	ICP-OES Vadose-NP
1511002-06	B31F23 column, vial 6	Sulfate	183	ug/mL	7.5	Anions by IC-NP
1511002-06	B31F23 column, vial 6	Sulfur	61800	ug/L	239	ICP-OES Vadose-NP
1511002-07	B31F23 column, vial 7	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-07	B31F23 column, vial 7	Calcium	34200	ug/L	168	ICP-OES Vadose-NP
1511002-07	B31F23 column, vial 7	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-07	B31F23 column, vial 7	Chloride	18.7	ug/mL	2.5	Anions by IC-NP
1511002-07	B31F23 column, vial 7	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-07	B31F23 column, vial 7	Magnesium	5880	ug/L	13.5	ICP-OES Vadose-NP
1511002-07	B31F23 column, vial 7	Nitrate	26.7	ug/mL	5	Anions by IC-NP
1511002-07	B31F23 column, vial 7	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-07	B31F23 column, vial 7	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-07	B31F23 column, vial 7	Potassium	7320	ug/L	806	ICP-OES Vadose-NP
1511002-07	B31F23 column, vial 7	Silicon	9140	ug/L	274	ICP-OES Vadose-NP
1511002-07	B31F23 column, vial 7	Sodium	95100	ug/L	223	ICP-OES Vadose-NP
1511002-07	B31F23 column, vial 7	Strontium	163	ug/L	31.4	ICP-OES Vadose-NP
1511002-07	B31F23 column, vial 7	Sulfate	155	ug/mL	7.5	Anions by IC-NP
1511002-07	B31F23 column, vial 7	Sulfur	51300	ug/L	239	ICP-OES Vadose-NP
1511002-08	B31F23 column, vial 8	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-08	B31F23 column, vial 8	Calcium	30000	ug/L	168	ICP-OES Vadose-NP
1511002-08	B31F23 column, vial 8	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-08	B31F23 column, vial 8	Chloride	13.7	ug/mL	2.5	Anions by IC-NP
1511002-08	B31F23 column, vial 8	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-08	B31F23 column, vial 8	Magnesium	5150	ug/L	13.5	ICP-OES Vadose-NP
1511002-08	B31F23 column, vial 8	Nitrate	27.3	ug/mL	5	Anions by IC-NP
1511002-08	B31F23 column, vial 8	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-08	B31F23 column, vial 8	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-08	B31F23 column, vial 8	Potassium	6950	ug/L	806	ICP-OES Vadose-NP
1511002-08	B31F23 column, vial 8	Silicon	9040	ug/L	274	ICP-OES Vadose-NP
1511002-08	B31F23 column, vial 8	Sodium	88400	ug/L	223	ICP-OES Vadose-NP
1511002-08	B31F23 column, vial 8	Strontium	144	ug/L	31.4	ICP-OES Vadose-NP
1511002-08	B31F23 column, vial 8	Sulfate	135	ug/mL	7.5	Anions by IC-NP
1511002-08	B31F23 column, vial 8	Sulfur	45000	ug/L	239	ICP-OES Vadose-NP
1511002-09	B31F23 column, vial 9	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-09	B31F23 column, vial 9	Calcium	27600	ug/L	168	ICP-OES Vadose-NP
1511002-09	B31F23 column, vial 9	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-09	B31F23 column, vial 9	Chloride	9.88	ug/mL	2.5	Anions by IC-NP
1511002-09	B31F23 column, vial 9	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-09	B31F23 column, vial 9	Magnesium	4580	ug/L	13.5	ICP-OES Vadose-NP
1511002-09	B31F23 column, vial 9	Nitrate	28.1	ug/mL	5	Anions by IC-NP
1511002-09	B31F23 column, vial 9	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-09	B31F23 column, vial 9	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-09	B31F23 column, vial 9	Potassium	6670	ug/L	806	ICP-OES Vadose-NP
1511002-09	B31F23 column, vial 9	Silicon	8940	ug/L	274	ICP-OES Vadose-NP
1511002-09	B31F23 column, vial 9	Sodium	87900	ug/L	223	ICP-OES Vadose-NP
1511002-09	B31F23 column, vial 9	Strontium	135	ug/L	31.4	ICP-OES Vadose-NP
1511002-09	B31F23 column, vial 9	Sulfate	120	ug/mL	7.5	Anions by IC-NP
1511002-09	B31F23 column, vial 9	Sulfur	40000	ug/L	239	ICP-OES Vadose-NP
1511002-10	B31F23 column, vial 10	Alkalinity as CaCO3	106	ug/mL	23.5	Alkalinity-NP
1511002-10	B31F23 column, vial 10	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-10	B31F23 column, vial 10	Calcium	24100	ug/L	168	ICP-OES Vadose-NP
1511002-10	B31F23 column, vial 10	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-10	B31F23 column, vial 10	Chloride	7.19	ug/mL	2.5	Anions by IC-NP
1511002-10	B31F23 column, vial 10	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-10	B31F23 column, vial 10	Magnesium	4120	ug/L	13.5	ICP-OES Vadose-NP
1511002-10	B31F23 column, vial 10	Nitrate	29	ug/mL	5	Anions by IC-NP
1511002-10	B31F23 column, vial 10	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-10	B31F23 column, vial 10	pH	8.45	pH Units		pH-NP
1511002-10	B31F23 column, vial 10	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-10	B31F23 column, vial 10	Potassium	6000	ug/L	806	ICP-OES Vadose-NP
1511002-10	B31F23 column, vial 10	Silicon	8630	ug/L	274	ICP-OES Vadose-NP
1511002-10	B31F23 column, vial 10	Sodium	79600	ug/L	223	ICP-OES Vadose-NP
1511002-10	B31F23 column, vial 10	Strontium	118	ug/L	31.4	ICP-OES Vadose-NP
1511002-10	B31F23 column, vial 10	Sulfate	110	ug/mL	7.5	Anions by IC-NP
1511002-10	B31F23 column, vial 10	Sulfur	35400	ug/L	239	ICP-OES Vadose-NP
1511002-11	B31F23 column, vial 11	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-11	B31F23 column, vial 11	Calcium	24000	ug/L	168	ICP-OES Vadose-NP
1511002-11	B31F23 column, vial 11	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-11	B31F23 column, vial 11	Chloride	5.31	ug/mL	2.5	Anions by IC-NP
1511002-11	B31F23 column, vial 11	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-11	B31F23 column, vial 11	Magnesium	3970	ug/L	13.5	ICP-OES Vadose-NP
1511002-11	B31F23 column, vial 11	Nitrate	29.8	ug/mL	5	Anions by IC-NP
1511002-11	B31F23 column, vial 11	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-11	B31F23 column, vial 11	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-11	B31F23 column, vial 11	Potassium	6270	ug/L	806	ICP-OES Vadose-NP
1511002-11	B31F23 column, vial 11	Silicon	8740	ug/L	274	ICP-OES Vadose-NP
1511002-11	B31F23 column, vial 11	Sodium	81000	ug/L	223	ICP-OES Vadose-NP
1511002-11	B31F23 column, vial 11	Strontium	120	ug/L	31.4	ICP-OES Vadose-NP
1511002-11	B31F23 column, vial 11	Sulfate	102	ug/mL	7.5	Anions by IC-NP
1511002-11	B31F23 column, vial 11	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1511002-12	B31F23 column, vial 12	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-12	B31F23 column, vial 12	Calcium	22500	ug/L	168	ICP-OES Vadose-NP
1511002-12	B31F23 column, vial 12	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-12	B31F23 column, vial 12	Chloride	4.08	ug/mL	2.5	Anions by IC-NP
1511002-12	B31F23 column, vial 12	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-12	B31F23 column, vial 12	Magnesium	3850	ug/L	13.5	ICP-OES Vadose-NP
1511002-12	B31F23 column, vial 12	Nitrate	30.8	ug/mL	5	Anions by IC-NP
1511002-12	B31F23 column, vial 12	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-12	B31F23 column, vial 12	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-12	B31F23 column, vial 12	Potassium	5880	ug/L	806	ICP-OES Vadose-NP
1511002-12	B31F23 column, vial 12	Silicon	8850	ug/L	274	ICP-OES Vadose-NP
1511002-12	B31F23 column, vial 12	Sodium	77200	ug/L	223	ICP-OES Vadose-NP
1511002-12	B31F23 column, vial 12	Strontium	111	ug/L	31.4	ICP-OES Vadose-NP
1511002-12	B31F23 column, vial 12	Sulfate	98.4	ug/mL	7.5	Anions by IC-NP
1511002-12	B31F23 column, vial 12	Sulfur	32600	ug/L	239	ICP-OES Vadose-NP
1511002-13	B31F23 column, vial 13	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-13	B31F23 column, vial 13	Calcium	21700	ug/L	168	ICP-OES Vadose-NP
1511002-13	B31F23 column, vial 13	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-13	B31F23 column, vial 13	Chloride	3.26	ug/mL	2.5	Anions by IC-NP
1511002-13	B31F23 column, vial 13	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-13	B31F23 column, vial 13	Magnesium	3660	ug/L	13.5	ICP-OES Vadose-NP
1511002-13	B31F23 column, vial 13	Nitrate	31.4	ug/mL	5	Anions by IC-NP
1511002-13	B31F23 column, vial 13	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-13	B31F23 column, vial 13	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-13	B31F23 column, vial 13	Potassium	5840	ug/L	806	ICP-OES Vadose-NP
1511002-13	B31F23 column, vial 13	Silicon	8710	ug/L	274	ICP-OES Vadose-NP
1511002-13	B31F23 column, vial 13	Sodium	76400	ug/L	223	ICP-OES Vadose-NP
1511002-13	B31F23 column, vial 13	Strontium	108	ug/L	31.4	ICP-OES Vadose-NP
1511002-13	B31F23 column, vial 13	Sulfate	95.8	ug/mL	7.5	Anions by IC-NP
1511002-13	B31F23 column, vial 13	Sulfur	31900	ug/L	239	ICP-OES Vadose-NP
1511002-14	B31F23 column, vial 14	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-14	B31F23 column, vial 14	Calcium	21300	ug/L	168	ICP-OES Vadose-NP
1511002-14	B31F23 column, vial 14	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-14	B31F23 column, vial 14	Chloride	2.68	ug/mL	2.5	Anions by IC-NP
1511002-14	B31F23 column, vial 14	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-14	B31F23 column, vial 14	Magnesium	3620	ug/L	13.5	ICP-OES Vadose-NP
1511002-14	B31F23 column, vial 14	Nitrate	32.1	ug/mL	5	Anions by IC-NP
1511002-14	B31F23 column, vial 14	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-14	B31F23 column, vial 14	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-14	B31F23 column, vial 14	Potassium	5880	ug/L	806	ICP-OES Vadose-NP
1511002-14	B31F23 column, vial 14	Silicon	8800	ug/L	274	ICP-OES Vadose-NP
1511002-14	B31F23 column, vial 14	Sodium	75100	ug/L	223	ICP-OES Vadose-NP
1511002-14	B31F23 column, vial 14	Strontium	108	ug/L	31.4	ICP-OES Vadose-NP
1511002-14	B31F23 column, vial 14	Sulfate	94.1	ug/mL	7.5	Anions by IC-NP
1511002-14	B31F23 column, vial 14	Sulfur	31100	ug/L	239	ICP-OES Vadose-NP
1511002-15	B31F23 column, vial 15	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-15	B31F23 column, vial 15	Calcium	21100	ug/L	168	ICP-OES Vadose-NP
1511002-15	B31F23 column, vial 15	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-15	B31F23 column, vial 15	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-15	B31F23 column, vial 15	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-15	B31F23 column, vial 15	Magnesium	3570	ug/L	13.5	ICP-OES Vadose-NP
1511002-15	B31F23 column, vial 15	Nitrate	32.7	ug/mL	5	Anions by IC-NP
1511002-15	B31F23 column, vial 15	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-15	B31F23 column, vial 15	pH	8.4	pH Units		pH-NP
1511002-15	B31F23 column, vial 15	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-15	B31F23 column, vial 15	Potassium	5870	ug/L	806	ICP-OES Vadose-NP
1511002-15	B31F23 column, vial 15	Silicon	8860	ug/L	274	ICP-OES Vadose-NP
1511002-15	B31F23 column, vial 15	Sodium	74800	ug/L	223	ICP-OES Vadose-NP
1511002-15	B31F23 column, vial 15	Strontium	107	ug/L	31.4	ICP-OES Vadose-NP
1511002-15	B31F23 column, vial 15	Sulfate	93.5	ug/mL	7.5	Anions by IC-NP
1511002-15	B31F23 column, vial 15	Sulfur	31100	ug/L	239	ICP-OES Vadose-NP
1511002-16	B31F23 column, vial 16	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-16	B31F23 column, vial 16	Calcium	20600	ug/L	168	ICP-OES Vadose-NP
1511002-16	B31F23 column, vial 16	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-16	B31F23 column, vial 16	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-16	B31F23 column, vial 16	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-16	B31F23 column, vial 16	Magnesium	3500	ug/L	13.5	ICP-OES Vadose-NP
1511002-16	B31F23 column, vial 16	Nitrate	33	ug/mL	5	Anions by IC-NP
1511002-16	B31F23 column, vial 16	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-16	B31F23 column, vial 16	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-16	B31F23 column, vial 16	Potassium	5790	ug/L	806	ICP-OES Vadose-NP
1511002-16	B31F23 column, vial 16	Silicon	8760	ug/L	274	ICP-OES Vadose-NP
1511002-16	B31F23 column, vial 16	Sodium	73500	ug/L	223	ICP-OES Vadose-NP
1511002-16	B31F23 column, vial 16	Strontium	105	ug/L	31.4	ICP-OES Vadose-NP
1511002-16	B31F23 column, vial 16	Sulfate	92.5	ug/mL	7.5	Anions by IC-NP
1511002-16	B31F23 column, vial 16	Sulfur	30700	ug/L	239	ICP-OES Vadose-NP
1511002-17	B31F23 column, vial 17	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-17	B31F23 column, vial 17	Calcium	20300	ug/L	168	ICP-OES Vadose-NP
1511002-17	B31F23 column, vial 17	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-17	B31F23 column, vial 17	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-17	B31F23 column, vial 17	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-17	B31F23 column, vial 17	Magnesium	3450	ug/L	13.5	ICP-OES Vadose-NP
1511002-17	B31F23 column, vial 17	Nitrate	33.4	ug/mL	5	Anions by IC-NP
1511002-17	B31F23 column, vial 17	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-17	B31F23 column, vial 17	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-17	B31F23 column, vial 17	Potassium	5560	ug/L	806	ICP-OES Vadose-NP
1511002-17	B31F23 column, vial 17	Silicon	8680	ug/L	274	ICP-OES Vadose-NP
1511002-17	B31F23 column, vial 17	Sodium	72200	ug/L	223	ICP-OES Vadose-NP
1511002-17	B31F23 column, vial 17	Strontium	104	ug/L	31.4	ICP-OES Vadose-NP
1511002-17	B31F23 column, vial 17	Sulfate	92.5	ug/mL	7.5	Anions by IC-NP
1511002-17	B31F23 column, vial 17	Sulfur	30600	ug/L	239	ICP-OES Vadose-NP
1511002-18	B31F23 column, vial 18	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-18	B31F23 column, vial 18	Calcium	21000	ug/L	168	ICP-OES Vadose-NP
1511002-18	B31F23 column, vial 18	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-18	B31F23 column, vial 18	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-18	B31F23 column, vial 18	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-18	B31F23 column, vial 18	Magnesium	3420	ug/L	13.5	ICP-OES Vadose-NP
1511002-18	B31F23 column, vial 18	Nitrate	33.8	ug/mL	5	Anions by IC-NP
1511002-18	B31F23 column, vial 18	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-18	B31F23 column, vial 18	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-18	B31F23 column, vial 18	Potassium	5920	ug/L	806	ICP-OES Vadose-NP
1511002-18	B31F23 column, vial 18	Silicon	8600	ug/L	274	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-18	B31F23 column, vial 18	Sodium	74400	ug/L	223	ICP-OES Vadose-NP
1511002-18	B31F23 column, vial 18	Strontium	108	ug/L	31.4	ICP-OES Vadose-NP
1511002-18	B31F23 column, vial 18	Sulfate	92.1	ug/mL	7.5	Anions by IC-NP
1511002-18	B31F23 column, vial 18	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1511002-19	B31F23 column, vial 19	Bromide	6.99	ug/mL	5	Anions by IC-NP
1511002-19	B31F23 column, vial 19	Calcium	21100	ug/L	168	ICP-OES Vadose-NP
1511002-19	B31F23 column, vial 19	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-19	B31F23 column, vial 19	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-19	B31F23 column, vial 19	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-19	B31F23 column, vial 19	Magnesium	3430	ug/L	13.5	ICP-OES Vadose-NP
1511002-19	B31F23 column, vial 19	Nitrate	34	ug/mL	5	Anions by IC-NP
1511002-19	B31F23 column, vial 19	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-19	B31F23 column, vial 19	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-19	B31F23 column, vial 19	Potassium	5920	ug/L	806	ICP-OES Vadose-NP
1511002-19	B31F23 column, vial 19	Silicon	8590	ug/L	274	ICP-OES Vadose-NP
1511002-19	B31F23 column, vial 19	Sodium	74200	ug/L	223	ICP-OES Vadose-NP
1511002-19	B31F23 column, vial 19	Strontium	110	ug/L	31.4	ICP-OES Vadose-NP
1511002-19	B31F23 column, vial 19	Sulfate	91.9	ug/mL	7.5	Anions by IC-NP
1511002-19	B31F23 column, vial 19	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1511002-20	B31F23 column, vial 20	Alkalinity as CaCO3	85.4	ug/mL	23.5	Alkalinity-NP
1511002-20	B31F23 column, vial 20	Bromide	9.75	ug/mL	5	Anions by IC-NP
1511002-20	B31F23 column, vial 20	Calcium	21000	ug/L	168	ICP-OES Vadose-NP
1511002-20	B31F23 column, vial 20	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-20	B31F23 column, vial 20	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-20	B31F23 column, vial 20	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-20	B31F23 column, vial 20	Magnesium	3480	ug/L	13.5	ICP-OES Vadose-NP
1511002-20	B31F23 column, vial 20	Nitrate	34.3	ug/mL	5	Anions by IC-NP
1511002-20	B31F23 column, vial 20	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-20	B31F23 column, vial 20	pH	8.47	pH Units		pH-NP
1511002-20	B31F23 column, vial 20	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-20	B31F23 column, vial 20	Potassium	5960	ug/L	806	ICP-OES Vadose-NP
1511002-20	B31F23 column, vial 20	Silicon	8710	ug/L	274	ICP-OES Vadose-NP
1511002-20	B31F23 column, vial 20	Sodium	73700	ug/L	223	ICP-OES Vadose-NP
1511002-20	B31F23 column, vial 20	Strontium	110	ug/L	31.4	ICP-OES Vadose-NP
1511002-20	B31F23 column, vial 20	Sulfate	91.9	ug/mL	7.5	Anions by IC-NP
1511002-20	B31F23 column, vial 20	Sulfur	30500	ug/L	239	ICP-OES Vadose-NP
1511002-21	B31F23 column, vial 21	Bromide	12.6	ug/mL	5	Anions by IC-NP
1511002-21	B31F23 column, vial 21	Calcium	20600	ug/L	168	ICP-OES Vadose-NP
1511002-21	B31F23 column, vial 21	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-21	B31F23 column, vial 21	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-21	B31F23 column, vial 21	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-21	B31F23 column, vial 21	Magnesium	3460	ug/L	13.5	ICP-OES Vadose-NP
1511002-21	B31F23 column, vial 21	Nitrate	34.5	ug/mL	5	Anions by IC-NP
1511002-21	B31F23 column, vial 21	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-21	B31F23 column, vial 21	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-21	B31F23 column, vial 21	Potassium	5770	ug/L	806	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-21	B31F23 column, vial 21	Silicon	8550	ug/L	274	ICP-OES Vadose-NP
1511002-21	B31F23 column, vial 21	Sodium	71900	ug/L	223	ICP-OES Vadose-NP
1511002-21	B31F23 column, vial 21	Strontium	107	ug/L	31.4	ICP-OES Vadose-NP
1511002-21	B31F23 column, vial 21	Sulfate	91.5	ug/mL	7.5	Anions by IC-NP
1511002-21	B31F23 column, vial 21	Sulfur	30400	ug/L	239	ICP-OES Vadose-NP
1511002-22	B31F23 column, vial 22	Bromide	15.6	ug/mL	5	Anions by IC-NP
1511002-22	B31F23 column, vial 22	Calcium	21000	ug/L	168	ICP-OES Vadose-NP
1511002-22	B31F23 column, vial 22	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-22	B31F23 column, vial 22	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-22	B31F23 column, vial 22	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-22	B31F23 column, vial 22	Magnesium	3510	ug/L	13.5	ICP-OES Vadose-NP
1511002-22	B31F23 column, vial 22	Nitrate	34.8	ug/mL	5	Anions by IC-NP
1511002-22	B31F23 column, vial 22	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-22	B31F23 column, vial 22	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-22	B31F23 column, vial 22	Potassium	5830	ug/L	806	ICP-OES Vadose-NP
1511002-22	B31F23 column, vial 22	Silicon	8640	ug/L	274	ICP-OES Vadose-NP
1511002-22	B31F23 column, vial 22	Sodium	73900	ug/L	223	ICP-OES Vadose-NP
1511002-22	B31F23 column, vial 22	Strontium	109	ug/L	31.4	ICP-OES Vadose-NP
1511002-22	B31F23 column, vial 22	Sulfate	91.5	ug/mL	7.5	Anions by IC-NP
1511002-22	B31F23 column, vial 22	Sulfur	30700	ug/L	239	ICP-OES Vadose-NP
1511002-23	B31F23 column, vial 23	Bromide	18.5	ug/mL	5	Anions by IC-NP
1511002-23	B31F23 column, vial 23	Calcium	20700	ug/L	168	ICP-OES Vadose-NP
1511002-23	B31F23 column, vial 23	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-23	B31F23 column, vial 23	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-23	B31F23 column, vial 23	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-23	B31F23 column, vial 23	Magnesium	3450	ug/L	13.5	ICP-OES Vadose-NP
1511002-23	B31F23 column, vial 23	Nitrate	35	ug/mL	5	Anions by IC-NP
1511002-23	B31F23 column, vial 23	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-23	B31F23 column, vial 23	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-23	B31F23 column, vial 23	Potassium	5790	ug/L	806	ICP-OES Vadose-NP
1511002-23	B31F23 column, vial 23	Silicon	8480	ug/L	274	ICP-OES Vadose-NP
1511002-23	B31F23 column, vial 23	Sodium	71400	ug/L	223	ICP-OES Vadose-NP
1511002-23	B31F23 column, vial 23	Strontium	108	ug/L	31.4	ICP-OES Vadose-NP
1511002-23	B31F23 column, vial 23	Sulfate	91.3	ug/mL	7.5	Anions by IC-NP
1511002-23	B31F23 column, vial 23	Sulfur	30000	ug/L	239	ICP-OES Vadose-NP
1511002-24	B31F23 column, vial 24	Bromide	21.1	ug/mL	5	Anions by IC-NP
1511002-24	B31F23 column, vial 24	Calcium	20600	ug/L	168	ICP-OES Vadose-NP
1511002-24	B31F23 column, vial 24	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-24	B31F23 column, vial 24	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-24	B31F23 column, vial 24	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-24	B31F23 column, vial 24	Magnesium	3450	ug/L	13.5	ICP-OES Vadose-NP
1511002-24	B31F23 column, vial 24	Nitrate	35.2	ug/mL	5	Anions by IC-NP
1511002-24	B31F23 column, vial 24	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-24	B31F23 column, vial 24	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-24	B31F23 column, vial 24	Potassium	5600	ug/L	806	ICP-OES Vadose-NP
1511002-24	B31F23 column, vial 24	Silicon	8460	ug/L	274	ICP-OES Vadose-NP
1511002-24	B31F23 column, vial 24	Sodium	70900	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-24	B31F23 column, vial 24	Strontium	108	ug/L	31.4	ICP-OES Vadose-NP
1511002-24	B31F23 column, vial 24	Sulfate	91.3	ug/mL	7.5	Anions by IC-NP
1511002-24	B31F23 column, vial 24	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1511002-25	B31F23 column, vial 25	Bromide	23.5	ug/mL	5	Anions by IC-NP
1511002-25	B31F23 column, vial 25	Calcium	20800	ug/L	168	ICP-OES Vadose-NP
1511002-25	B31F23 column, vial 25	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-25	B31F23 column, vial 25	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-25	B31F23 column, vial 25	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-25	B31F23 column, vial 25	Magnesium	3480	ug/L	13.5	ICP-OES Vadose-NP
1511002-25	B31F23 column, vial 25	Nitrate	35.4	ug/mL	5	Anions by IC-NP
1511002-25	B31F23 column, vial 25	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-25	B31F23 column, vial 25	pH	8.38	pH Units		pH-NP
1511002-25	B31F23 column, vial 25	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-25	B31F23 column, vial 25	Potassium	5790	ug/L	806	ICP-OES Vadose-NP
1511002-25	B31F23 column, vial 25	Silicon	8510	ug/L	274	ICP-OES Vadose-NP
1511002-25	B31F23 column, vial 25	Sodium	71000	ug/L	223	ICP-OES Vadose-NP
1511002-25	B31F23 column, vial 25	Strontium	110	ug/L	31.4	ICP-OES Vadose-NP
1511002-25	B31F23 column, vial 25	Sulfate	91.3	ug/mL	7.5	Anions by IC-NP
1511002-25	B31F23 column, vial 25	Sulfur	30000	ug/L	239	ICP-OES Vadose-NP
1511002-30	B31F23 column, vial 30	Alkalinity as CaCO3	74.4	ug/mL	23.5	Alkalinity-NP
1511002-30	B31F23 column, vial 30	Bromide	31.6	ug/mL	5	Anions by IC-NP
1511002-30	B31F23 column, vial 30	Calcium	21500	ug/L	168	ICP-OES Vadose-NP
1511002-30	B31F23 column, vial 30	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-30	B31F23 column, vial 30	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-30	B31F23 column, vial 30	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-30	B31F23 column, vial 30	Magnesium	3580	ug/L	13.5	ICP-OES Vadose-NP
1511002-30	B31F23 column, vial 30	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1511002-30	B31F23 column, vial 30	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-30	B31F23 column, vial 30	pH	8.43	pH Units		pH-NP
1511002-30	B31F23 column, vial 30	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-30	B31F23 column, vial 30	Potassium	5880	ug/L	806	ICP-OES Vadose-NP
1511002-30	B31F23 column, vial 30	Silicon	8580	ug/L	274	ICP-OES Vadose-NP
1511002-30	B31F23 column, vial 30	Sodium	71200	ug/L	223	ICP-OES Vadose-NP
1511002-30	B31F23 column, vial 30	Strontium	115	ug/L	31.4	ICP-OES Vadose-NP
1511002-30	B31F23 column, vial 30	Sulfate	90.7	ug/mL	7.5	Anions by IC-NP
1511002-30	B31F23 column, vial 30	Sulfur	30400	ug/L	239	ICP-OES Vadose-NP
1511002-35	B31F23 column, vial 35	Bromide	35.3	ug/mL	5	Anions by IC-NP
1511002-35	B31F23 column, vial 35	Calcium	21900	ug/L	168	ICP-OES Vadose-NP
1511002-35	B31F23 column, vial 35	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-35	B31F23 column, vial 35	Magnesium	3640	ug/L	13.5	ICP-OES Vadose-NP
1511002-35	B31F23 column, vial 35	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-35	B31F23 column, vial 35	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-35	B31F23 column, vial 35	pH	8.29	pH Units		pH-NP
1511002-35	B31F23 column, vial 35	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-35	B31F23 column, vial 35	Potassium	6020	ug/L	806	ICP-OES Vadose-NP
1511002-35	B31F23 column, vial 35	Silicon	8610	ug/L	274	ICP-OES Vadose-NP
1511002-35	B31F23 column, vial 35	Sodium	70200	ug/L	223	ICP-OES Vadose-NP
1511002-35	B31F23 column, vial 35	Strontium	117	ug/L	31.4	ICP-OES Vadose-NP
1511002-35	B31F23 column, vial 35	Sulfate	90.7	ug/mL	7.5	Anions by IC-NP
1511002-35	B31F23 column, vial 35	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1511002-35RE1	B31F23 column, vial 35	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1511002-35RE1	B31F23 column, vial 35	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1511002-40	B31F23 column, vial 40	Alkalinity as CaCO3	64	ug/mL	23.5	Alkalinity-NP
1511002-40	B31F23 column, vial 40	Bromide	37.1	ug/mL	5	Anions by IC-NP
1511002-40	B31F23 column, vial 40	Calcium	23000	ug/L	168	ICP-OES Vadose-NP
1511002-40	B31F23 column, vial 40	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-40	B31F23 column, vial 40	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-40	B31F23 column, vial 40	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-40	B31F23 column, vial 40	Magnesium	3650	ug/L	13.5	ICP-OES Vadose-NP
1511002-40	B31F23 column, vial 40	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-40	B31F23 column, vial 40	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-40	B31F23 column, vial 40	pH	8.23	pH Units		pH-NP
1511002-40	B31F23 column, vial 40	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-40	B31F23 column, vial 40	Potassium	6200	ug/L	806	ICP-OES Vadose-NP
1511002-40	B31F23 column, vial 40	Silicon	8440	ug/L	274	ICP-OES Vadose-NP
1511002-40	B31F23 column, vial 40	Sodium	71000	ug/L	223	ICP-OES Vadose-NP
1511002-40	B31F23 column, vial 40	Strontium	124	ug/L	31.4	ICP-OES Vadose-NP
1511002-40	B31F23 column, vial 40	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1511002-40	B31F23 column, vial 40	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1511002-45	B31F23 column, vial 45	Bromide	37.9	ug/mL	5	Anions by IC-NP
1511002-45	B31F23 column, vial 45	Calcium	22600	ug/L	168	ICP-OES Vadose-NP
1511002-45	B31F23 column, vial 45	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-45	B31F23 column, vial 45	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-45	B31F23 column, vial 45	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-45	B31F23 column, vial 45	Magnesium	3720	ug/L	13.5	ICP-OES Vadose-NP
1511002-45	B31F23 column, vial 45	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-45	B31F23 column, vial 45	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-45	B31F23 column, vial 45	pH	8.37	pH Units		pH-NP
1511002-45	B31F23 column, vial 45	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-45	B31F23 column, vial 45	Potassium	5700	ug/L	806	ICP-OES Vadose-NP
1511002-45	B31F23 column, vial 45	Silicon	8300	ug/L	274	ICP-OES Vadose-NP
1511002-45	B31F23 column, vial 45	Sodium	64000	ug/L	223	ICP-OES Vadose-NP
1511002-45	B31F23 column, vial 45	Strontium	121	ug/L	31.4	ICP-OES Vadose-NP
1511002-45	B31F23 column, vial 45	Sulfate	89.7	ug/mL	7.5	Anions by IC-NP
1511002-45	B31F23 column, vial 45	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1511002-50	B31F23 column, vial 50	Alkalinity as CaCO3	66.8	ug/mL	23.5	Alkalinity-NP
1511002-50	B31F23 column, vial 50	Bromide	38.5	ug/mL	5	Anions by IC-NP
1511002-50	B31F23 column, vial 50	Calcium	23300	ug/L	168	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-50	B31F23 column, vial 50	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-50	B31F23 column, vial 50	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-50	B31F23 column, vial 50	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-50	B31F23 column, vial 50	Magnesium	3840	ug/L	13.5	ICP-OES Vadose-NP
1511002-50	B31F23 column, vial 50	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-50	B31F23 column, vial 50	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-50	B31F23 column, vial 50	pH	8.2	pH Units		pH-NP
1511002-50	B31F23 column, vial 50	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-50	B31F23 column, vial 50	Potassium	5830	ug/L	806	ICP-OES Vadose-NP
1511002-50	B31F23 column, vial 50	Silicon	8220	ug/L	274	ICP-OES Vadose-NP
1511002-50	B31F23 column, vial 50	Sodium	63700	ug/L	223	ICP-OES Vadose-NP
1511002-50	B31F23 column, vial 50	Strontium	127	ug/L	31.4	ICP-OES Vadose-NP
1511002-50	B31F23 column, vial 50	Sulfate	90.1	ug/mL	7.5	Anions by IC-NP
1511002-50	B31F23 column, vial 50	Sulfur	29800	ug/L	239	ICP-OES Vadose-NP
1511002-55	B31F23 column, vial 55	Bromide	38.7	ug/mL	5	Anions by IC-NP
1511002-55	B31F23 column, vial 55	Calcium	24600	ug/L	168	ICP-OES Vadose-NP
1511002-55	B31F23 column, vial 55	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-55	B31F23 column, vial 55	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-55	B31F23 column, vial 55	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-55	B31F23 column, vial 55	Magnesium	4040	ug/L	13.5	ICP-OES Vadose-NP
1511002-55	B31F23 column, vial 55	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1511002-55	B31F23 column, vial 55	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-55	B31F23 column, vial 55	pH	8.22	pH Units		pH-NP
1511002-55	B31F23 column, vial 55	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-55	B31F23 column, vial 55	Potassium	6010	ug/L	806	ICP-OES Vadose-NP
1511002-55	B31F23 column, vial 55	Silicon	8230	ug/L	274	ICP-OES Vadose-NP
1511002-55	B31F23 column, vial 55	Sodium	61800	ug/L	223	ICP-OES Vadose-NP
1511002-55	B31F23 column, vial 55	Strontium	132	ug/L	31.4	ICP-OES Vadose-NP
1511002-55	B31F23 column, vial 55	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1511002-55	B31F23 column, vial 55	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1511002-60	B31F23 column, vial 60	Alkalinity as CaCO3	59	ug/mL	23.5	Alkalinity-NP
1511002-60	B31F23 column, vial 60	Bromide	38.8	ug/mL	5	Anions by IC-NP
1511002-60	B31F23 column, vial 60	Calcium	25600	ug/L	168	ICP-OES Vadose-NP
1511002-60	B31F23 column, vial 60	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-60	B31F23 column, vial 60	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-60	B31F23 column, vial 60	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-60	B31F23 column, vial 60	Magnesium	4220	ug/L	13.5	ICP-OES Vadose-NP
1511002-60	B31F23 column, vial 60	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-60	B31F23 column, vial 60	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-60	B31F23 column, vial 60	pH	8.27	pH Units		pH-NP
1511002-60	B31F23 column, vial 60	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-60	B31F23 column, vial 60	Potassium	6000	ug/L	806	ICP-OES Vadose-NP
1511002-60	B31F23 column, vial 60	Silicon	8290	ug/L	274	ICP-OES Vadose-NP
1511002-60	B31F23 column, vial 60	Sodium	57800	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-60	B31F23 column, vial 60	Strontium	137	ug/L	31.4	ICP-OES Vadose-NP
1511002-60	B31F23 column, vial 60	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1511002-60	B31F23 column, vial 60	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1511002-65	B31F23 column, vial 65	Bromide	38.9	ug/mL	5	Anions by IC-NP
1511002-65	B31F23 column, vial 65	Calcium	26600	ug/L	168	ICP-OES Vadose-NP
1511002-65	B31F23 column, vial 65	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-65	B31F23 column, vial 65	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-65	B31F23 column, vial 65	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-65	B31F23 column, vial 65	Magnesium	4370	ug/L	13.5	ICP-OES Vadose-NP
1511002-65	B31F23 column, vial 65	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-65	B31F23 column, vial 65	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-65	B31F23 column, vial 65	pH	8.23	pH Units		pH-NP
1511002-65	B31F23 column, vial 65	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-65	B31F23 column, vial 65	Potassium	5890	ug/L	806	ICP-OES Vadose-NP
1511002-65	B31F23 column, vial 65	Silicon	7970	ug/L	274	ICP-OES Vadose-NP
1511002-65	B31F23 column, vial 65	Sodium	55600	ug/L	223	ICP-OES Vadose-NP
1511002-65	B31F23 column, vial 65	Strontium	142	ug/L	31.4	ICP-OES Vadose-NP
1511002-65	B31F23 column, vial 65	Sulfate	89.7	ug/mL	7.5	Anions by IC-NP
1511002-65	B31F23 column, vial 65	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1511002-70	B31F23 column, vial 70	Alkalinity as CaCO3	59	ug/mL	23.5	Alkalinity-NP
1511002-70	B31F23 column, vial 70	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-70	B31F23 column, vial 70	Calcium	28000	ug/L	168	ICP-OES Vadose-NP
1511002-70	B31F23 column, vial 70	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-70	B31F23 column, vial 70	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-70	B31F23 column, vial 70	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-70	B31F23 column, vial 70	Magnesium	4550	ug/L	13.5	ICP-OES Vadose-NP
1511002-70	B31F23 column, vial 70	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1511002-70	B31F23 column, vial 70	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-70	B31F23 column, vial 70	pH	8.14	pH Units		pH-NP
1511002-70	B31F23 column, vial 70	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-70	B31F23 column, vial 70	Potassium	6270	ug/L	806	ICP-OES Vadose-NP
1511002-70	B31F23 column, vial 70	Silicon	7970	ug/L	274	ICP-OES Vadose-NP
1511002-70	B31F23 column, vial 70	Sodium	54500	ug/L	223	ICP-OES Vadose-NP
1511002-70	B31F23 column, vial 70	Strontium	149	ug/L	31.4	ICP-OES Vadose-NP
1511002-70	B31F23 column, vial 70	Sulfate	90.3	ug/mL	7.5	Anions by IC-NP
1511002-70	B31F23 column, vial 70	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1511002-73	B31F23 column, vial 73	Bromide	39.5	ug/mL	5	Anions by IC-NP
1511002-73	B31F23 column, vial 73	Calcium	31100	ug/L	168	ICP-OES Vadose-NP
1511002-73	B31F23 column, vial 73	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-73	B31F23 column, vial 73	Magnesium	5120	ug/L	13.5	ICP-OES Vadose-NP
1511002-73	B31F23 column, vial 73	Nitrate	37.3	ug/mL	5	Anions by IC-NP
1511002-73	B31F23 column, vial 73	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-73	B31F23 column, vial 73	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-73	B31F23 column, vial 73	Potassium	6820	ug/L	806	ICP-OES Vadose-NP
1511002-73	B31F23 column, vial 73	Silicon	8130	ug/L	274	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-73	B31F23 column, vial 73	Sodium	61400	ug/L	223	ICP-OES Vadose-NP
1511002-73	B31F23 column, vial 73	Strontium	168	ug/L	31.4	ICP-OES Vadose-NP
1511002-73	B31F23 column, vial 73	Sulfate	95.3	ug/mL	7.5	Anions by IC-NP
1511002-73	B31F23 column, vial 73	Sulfur	31500	ug/L	239	ICP-OES Vadose-NP
1511002-73RE1	B31F23 column, vial 73	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1511002-73RE1	B31F23 column, vial 73	Chromium 52	9.77	ug/L	1.38	ICPMS-RCRA-NP
1511002-74	B31F23 column, vial 74	Bromide	39.4	ug/mL	5	Anions by IC-NP
1511002-74	B31F23 column, vial 74	Calcium	32800	ug/L	168	ICP-OES Vadose-NP
1511002-74	B31F23 column, vial 74	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-74	B31F23 column, vial 74	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-74	B31F23 column, vial 74	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-74	B31F23 column, vial 74	Magnesium	5120	ug/L	13.5	ICP-OES Vadose-NP
1511002-74	B31F23 column, vial 74	Nitrate	37	ug/mL	5	Anions by IC-NP
1511002-74	B31F23 column, vial 74	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-74	B31F23 column, vial 74	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-74	B31F23 column, vial 74	Potassium	6650	ug/L	806	ICP-OES Vadose-NP
1511002-74	B31F23 column, vial 74	Silicon	8140	ug/L	274	ICP-OES Vadose-NP
1511002-74	B31F23 column, vial 74	Sodium	59200	ug/L	223	ICP-OES Vadose-NP
1511002-74	B31F23 column, vial 74	Strontium	178	ug/L	31.4	ICP-OES Vadose-NP
1511002-74	B31F23 column, vial 74	Sulfate	97.2	ug/mL	7.5	Anions by IC-NP
1511002-74	B31F23 column, vial 74	Sulfur	31700	ug/L	239	ICP-OES Vadose-NP
1511002-75	B31F23 column, vial 75	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-75	B31F23 column, vial 75	Calcium	31100	ug/L	168	ICP-OES Vadose-NP
1511002-75	B31F23 column, vial 75	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-75	B31F23 column, vial 75	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-75	B31F23 column, vial 75	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-75	B31F23 column, vial 75	Magnesium	5080	ug/L	13.5	ICP-OES Vadose-NP
1511002-75	B31F23 column, vial 75	Nitrate	36.7	ug/mL	5	Anions by IC-NP
1511002-75	B31F23 column, vial 75	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-75	B31F23 column, vial 75	pH	8.25	pH Units		pH-NP
1511002-75	B31F23 column, vial 75	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-75	B31F23 column, vial 75	Potassium	6350	ug/L	806	ICP-OES Vadose-NP
1511002-75	B31F23 column, vial 75	Silicon	8100	ug/L	274	ICP-OES Vadose-NP
1511002-75	B31F23 column, vial 75	Sodium	56200	ug/L	223	ICP-OES Vadose-NP
1511002-75	B31F23 column, vial 75	Strontium	169	ug/L	31.4	ICP-OES Vadose-NP
1511002-75	B31F23 column, vial 75	Sulfate	96.5	ug/mL	7.5	Anions by IC-NP
1511002-75	B31F23 column, vial 75	Sulfur	31500	ug/L	239	ICP-OES Vadose-NP
1511002-76	B31F23 column, vial 76	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-76	B31F23 column, vial 76	Calcium	32200	ug/L	168	ICP-OES Vadose-NP
1511002-76	B31F23 column, vial 76	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-76	B31F23 column, vial 76	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-76	B31F23 column, vial 76	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-76	B31F23 column, vial 76	Magnesium	5050	ug/L	13.5	ICP-OES Vadose-NP
1511002-76	B31F23 column, vial 76	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1511002-76	B31F23 column, vial 76	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-76	B31F23 column, vial 76	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-76	B31F23 column, vial 76	Potassium	6770	ug/L	806	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-76	B31F23 column, vial 76	Silicon	8090	ug/L	274	ICP-OES Vadose-NP
1511002-76	B31F23 column, vial 76	Sodium	58100	ug/L	223	ICP-OES Vadose-NP
1511002-76	B31F23 column, vial 76	Strontium	175	ug/L	31.4	ICP-OES Vadose-NP
1511002-76	B31F23 column, vial 76	Sulfate	96.3	ug/mL	7.5	Anions by IC-NP
1511002-76	B31F23 column, vial 76	Sulfur	32000	ug/L	239	ICP-OES Vadose-NP
1511002-77	B31F23 column, vial 77	Bromide	38.9	ug/mL	5	Anions by IC-NP
1511002-77	B31F23 column, vial 77	Calcium	30400	ug/L	168	ICP-OES Vadose-NP
1511002-77	B31F23 column, vial 77	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-77	B31F23 column, vial 77	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-77	B31F23 column, vial 77	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-77	B31F23 column, vial 77	Magnesium	5000	ug/L	13.5	ICP-OES Vadose-NP
1511002-77	B31F23 column, vial 77	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1511002-77	B31F23 column, vial 77	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-77	B31F23 column, vial 77	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-77	B31F23 column, vial 77	Potassium	6330	ug/L	806	ICP-OES Vadose-NP
1511002-77	B31F23 column, vial 77	Silicon	7960	ug/L	274	ICP-OES Vadose-NP
1511002-77	B31F23 column, vial 77	Sodium	54900	ug/L	223	ICP-OES Vadose-NP
1511002-77	B31F23 column, vial 77	Strontium	167	ug/L	31.4	ICP-OES Vadose-NP
1511002-77	B31F23 column, vial 77	Sulfate	95.4	ug/mL	7.5	Anions by IC-NP
1511002-77	B31F23 column, vial 77	Sulfur	31800	ug/L	239	ICP-OES Vadose-NP
1511002-78	B31F23 column, vial 78	Bromide	39	ug/mL	5	Anions by IC-NP
1511002-78	B31F23 column, vial 78	Calcium	30700	ug/L	168	ICP-OES Vadose-NP
1511002-78	B31F23 column, vial 78	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-78	B31F23 column, vial 78	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-78	B31F23 column, vial 78	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-78	B31F23 column, vial 78	Magnesium	5000	ug/L	13.5	ICP-OES Vadose-NP
1511002-78	B31F23 column, vial 78	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1511002-78	B31F23 column, vial 78	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-78	B31F23 column, vial 78	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-78	B31F23 column, vial 78	Potassium	6410	ug/L	806	ICP-OES Vadose-NP
1511002-78	B31F23 column, vial 78	Silicon	8030	ug/L	274	ICP-OES Vadose-NP
1511002-78	B31F23 column, vial 78	Sodium	55600	ug/L	223	ICP-OES Vadose-NP
1511002-78	B31F23 column, vial 78	Strontium	168	ug/L	31.4	ICP-OES Vadose-NP
1511002-78	B31F23 column, vial 78	Sulfate	94.8	ug/mL	7.5	Anions by IC-NP
1511002-78	B31F23 column, vial 78	Sulfur	31700	ug/L	239	ICP-OES Vadose-NP
1511002-79	B31F23 column, vial 79	Bromide	38.8	ug/mL	5	Anions by IC-NP
1511002-79	B31F23 column, vial 79	Calcium	30500	ug/L	168	ICP-OES Vadose-NP
1511002-79	B31F23 column, vial 79	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-79	B31F23 column, vial 79	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-79	B31F23 column, vial 79	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-79	B31F23 column, vial 79	Magnesium	4990	ug/L	13.5	ICP-OES Vadose-NP
1511002-79	B31F23 column, vial 79	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-79	B31F23 column, vial 79	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-79	B31F23 column, vial 79	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-79	B31F23 column, vial 79	Potassium	6450	ug/L	806	ICP-OES Vadose-NP
1511002-79	B31F23 column, vial 79	Silicon	7990	ug/L	274	ICP-OES Vadose-NP
1511002-79	B31F23 column, vial 79	Sodium	55300	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-79	B31F23 column, vial 79	Strontium	166	ug/L	31.4	ICP-OES Vadose-NP
1511002-79	B31F23 column, vial 79	Sulfate	93.7	ug/mL	7.5	Anions by IC-NP
1511002-79	B31F23 column, vial 79	Sulfur	31400	ug/L	239	ICP-OES Vadose-NP
1511002-80	B31F23 column, vial 80	Alkalinity as CaCO3	66.8	ug/mL	23.5	Alkalinity-NP
1511002-80	B31F23 column, vial 80	Bromide	38.8	ug/mL	5	Anions by IC-NP
1511002-80	B31F23 column, vial 80	Calcium	30500	ug/L	168	ICP-OES Vadose-NP
1511002-80	B31F23 column, vial 80	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-80	B31F23 column, vial 80	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-80	B31F23 column, vial 80	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-80	B31F23 column, vial 80	Magnesium	4980	ug/L	13.5	ICP-OES Vadose-NP
1511002-80	B31F23 column, vial 80	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-80	B31F23 column, vial 80	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-80	B31F23 column, vial 80	pH	8.3	pH Units		pH-NP
1511002-80	B31F23 column, vial 80	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-80	B31F23 column, vial 80	Potassium	6340	ug/L	806	ICP-OES Vadose-NP
1511002-80	B31F23 column, vial 80	Silicon	7990	ug/L	274	ICP-OES Vadose-NP
1511002-80	B31F23 column, vial 80	Sodium	55100	ug/L	223	ICP-OES Vadose-NP
1511002-80	B31F23 column, vial 80	Strontium	167	ug/L	31.4	ICP-OES Vadose-NP
1511002-80	B31F23 column, vial 80	Sulfate	93.1	ug/mL	7.5	Anions by IC-NP
1511002-80	B31F23 column, vial 80	Sulfur	31100	ug/L	239	ICP-OES Vadose-NP
1511002-81	B31F23 column, vial 81	Bromide	39	ug/mL	5	Anions by IC-NP
1511002-81	B31F23 column, vial 81	Calcium	30700	ug/L	168	ICP-OES Vadose-NP
1511002-81	B31F23 column, vial 81	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-81	B31F23 column, vial 81	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-81	B31F23 column, vial 81	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-81	B31F23 column, vial 81	Magnesium	4950	ug/L	13.5	ICP-OES Vadose-NP
1511002-81	B31F23 column, vial 81	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-81	B31F23 column, vial 81	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-81	B31F23 column, vial 81	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-81	B31F23 column, vial 81	Potassium	6440	ug/L	806	ICP-OES Vadose-NP
1511002-81	B31F23 column, vial 81	Silicon	7940	ug/L	274	ICP-OES Vadose-NP
1511002-81	B31F23 column, vial 81	Sodium	54400	ug/L	223	ICP-OES Vadose-NP
1511002-81	B31F23 column, vial 81	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1511002-81	B31F23 column, vial 81	Sulfate	92.6	ug/mL	7.5	Anions by IC-NP
1511002-81	B31F23 column, vial 81	Sulfur	30500	ug/L	239	ICP-OES Vadose-NP
1511002-82	B31F23 column, vial 82	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-82	B31F23 column, vial 82	Calcium	31100	ug/L	168	ICP-OES Vadose-NP
1511002-82	B31F23 column, vial 82	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-82	B31F23 column, vial 82	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-82	B31F23 column, vial 82	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-82	B31F23 column, vial 82	Magnesium	4920	ug/L	13.5	ICP-OES Vadose-NP
1511002-82	B31F23 column, vial 82	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-82	B31F23 column, vial 82	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-82	B31F23 column, vial 82	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-82	B31F23 column, vial 82	Potassium	6560	ug/L	806	ICP-OES Vadose-NP
1511002-82	B31F23 column, vial 82	Silicon	7980	ug/L	274	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-82	B31F23 column, vial 82	Sodium	55900	ug/L	223	ICP-OES Vadose-NP
1511002-82	B31F23 column, vial 82	Strontium	170	ug/L	31.4	ICP-OES Vadose-NP
1511002-82	B31F23 column, vial 82	Sulfate	92.2	ug/mL	7.5	Anions by IC-NP
1511002-82	B31F23 column, vial 82	Sulfur	30400	ug/L	239	ICP-OES Vadose-NP
1511002-83	B31F23 column, vial 83	Bromide	39	ug/mL	5	Anions by IC-NP
1511002-83	B31F23 column, vial 83	Calcium	29800	ug/L	168	ICP-OES Vadose-NP
1511002-83	B31F23 column, vial 83	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-83	B31F23 column, vial 83	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-83	B31F23 column, vial 83	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-83	B31F23 column, vial 83	Magnesium	4890	ug/L	13.5	ICP-OES Vadose-NP
1511002-83	B31F23 column, vial 83	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-83	B31F23 column, vial 83	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-83	B31F23 column, vial 83	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-83	B31F23 column, vial 83	Potassium	6390	ug/L	806	ICP-OES Vadose-NP
1511002-83	B31F23 column, vial 83	Silicon	7920	ug/L	274	ICP-OES Vadose-NP
1511002-83	B31F23 column, vial 83	Sodium	52800	ug/L	223	ICP-OES Vadose-NP
1511002-83	B31F23 column, vial 83	Strontium	162	ug/L	31.4	ICP-OES Vadose-NP
1511002-83	B31F23 column, vial 83	Sulfate	91.5	ug/mL	7.5	Anions by IC-NP
1511002-83	B31F23 column, vial 83	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1511002-84	B31F23 column, vial 84	Bromide	38.9	ug/mL	5	Anions by IC-NP
1511002-84	B31F23 column, vial 84	Calcium	29800	ug/L	168	ICP-OES Vadose-NP
1511002-84	B31F23 column, vial 84	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-84	B31F23 column, vial 84	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-84	B31F23 column, vial 84	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-84	B31F23 column, vial 84	Magnesium	4880	ug/L	13.5	ICP-OES Vadose-NP
1511002-84	B31F23 column, vial 84	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-84	B31F23 column, vial 84	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-84	B31F23 column, vial 84	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-84	B31F23 column, vial 84	Potassium	6250	ug/L	806	ICP-OES Vadose-NP
1511002-84	B31F23 column, vial 84	Silicon	7900	ug/L	274	ICP-OES Vadose-NP
1511002-84	B31F23 column, vial 84	Sodium	52600	ug/L	223	ICP-OES Vadose-NP
1511002-84	B31F23 column, vial 84	Strontium	163	ug/L	31.4	ICP-OES Vadose-NP
1511002-84	B31F23 column, vial 84	Sulfate	91.1	ug/mL	7.5	Anions by IC-NP
1511002-84	B31F23 column, vial 84	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1511002-85	B31F23 column, vial 85	Bromide	39	ug/mL	5	Anions by IC-NP
1511002-85	B31F23 column, vial 85	Calcium	30100	ug/L	168	ICP-OES Vadose-NP
1511002-85	B31F23 column, vial 85	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-85	B31F23 column, vial 85	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-85	B31F23 column, vial 85	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-85	B31F23 column, vial 85	Magnesium	4920	ug/L	13.5	ICP-OES Vadose-NP
1511002-85	B31F23 column, vial 85	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-85	B31F23 column, vial 85	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-85	B31F23 column, vial 85	pH	8.22	pH Units		pH-NP
1511002-85	B31F23 column, vial 85	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-85	B31F23 column, vial 85	Potassium	6350	ug/L	806	ICP-OES Vadose-NP
1511002-85	B31F23 column, vial 85	Silicon	7860	ug/L	274	ICP-OES Vadose-NP
1511002-85	B31F23 column, vial 85	Sodium	52900	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-85	B31F23 column, vial 85	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1511002-85	B31F23 column, vial 85	Sulfate	90.9	ug/mL	7.5	Anions by IC-NP
1511002-85	B31F23 column, vial 85	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1511002-86	B31F23 column, vial 86	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-86	B31F23 column, vial 86	Calcium	30100	ug/L	168	ICP-OES Vadose-NP
1511002-86	B31F23 column, vial 86	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-86	B31F23 column, vial 86	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-86	B31F23 column, vial 86	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-86	B31F23 column, vial 86	Magnesium	4930	ug/L	13.5	ICP-OES Vadose-NP
1511002-86	B31F23 column, vial 86	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-86	B31F23 column, vial 86	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-86	B31F23 column, vial 86	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-86	B31F23 column, vial 86	Potassium	6320	ug/L	806	ICP-OES Vadose-NP
1511002-86	B31F23 column, vial 86	Silicon	7910	ug/L	274	ICP-OES Vadose-NP
1511002-86	B31F23 column, vial 86	Sodium	52500	ug/L	223	ICP-OES Vadose-NP
1511002-86	B31F23 column, vial 86	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1511002-86	B31F23 column, vial 86	Sulfate	90.7	ug/mL	7.5	Anions by IC-NP
1511002-86	B31F23 column, vial 86	Sulfur	30000	ug/L	239	ICP-OES Vadose-NP
1511002-87	B31F23 column, vial 87	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-87	B31F23 column, vial 87	Calcium	29900	ug/L	168	ICP-OES Vadose-NP
1511002-87	B31F23 column, vial 87	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-87	B31F23 column, vial 87	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-87	B31F23 column, vial 87	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-87	B31F23 column, vial 87	Magnesium	4910	ug/L	13.5	ICP-OES Vadose-NP
1511002-87	B31F23 column, vial 87	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-87	B31F23 column, vial 87	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-87	B31F23 column, vial 87	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-87	B31F23 column, vial 87	Potassium	6170	ug/L	806	ICP-OES Vadose-NP
1511002-87	B31F23 column, vial 87	Silicon	7860	ug/L	274	ICP-OES Vadose-NP
1511002-87	B31F23 column, vial 87	Sodium	51800	ug/L	223	ICP-OES Vadose-NP
1511002-87	B31F23 column, vial 87	Strontium	163	ug/L	31.4	ICP-OES Vadose-NP
1511002-87	B31F23 column, vial 87	Sulfate	90.5	ug/mL	7.5	Anions by IC-NP
1511002-87	B31F23 column, vial 87	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1511002-88	B31F23 column, vial 88	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-88	B31F23 column, vial 88	Calcium	30200	ug/L	168	ICP-OES Vadose-NP
1511002-88	B31F23 column, vial 88	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-88	B31F23 column, vial 88	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-88	B31F23 column, vial 88	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-88	B31F23 column, vial 88	Magnesium	4910	ug/L	13.5	ICP-OES Vadose-NP
1511002-88	B31F23 column, vial 88	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-88	B31F23 column, vial 88	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-88	B31F23 column, vial 88	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-88	B31F23 column, vial 88	Potassium	6150	ug/L	806	ICP-OES Vadose-NP
1511002-88	B31F23 column, vial 88	Silicon	7830	ug/L	274	ICP-OES Vadose-NP
1511002-88	B31F23 column, vial 88	Sodium	51700	ug/L	223	ICP-OES Vadose-NP
1511002-88	B31F23 column, vial 88	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1511002-88	B31F23 column, vial 88	Sulfate	90.4	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-88	B31F23 column, vial 88	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1511002-89	B31F23 column, vial 89	Bromide	39	ug/mL	5	Anions by IC-NP
1511002-89	B31F23 column, vial 89	Calcium	31100	ug/L	168	ICP-OES Vadose-NP
1511002-89	B31F23 column, vial 89	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-89	B31F23 column, vial 89	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-89	B31F23 column, vial 89	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-89	B31F23 column, vial 89	Magnesium	4920	ug/L	13.5	ICP-OES Vadose-NP
1511002-89	B31F23 column, vial 89	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-89	B31F23 column, vial 89	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-89	B31F23 column, vial 89	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-89	B31F23 column, vial 89	Potassium	6410	ug/L	806	ICP-OES Vadose-NP
1511002-89	B31F23 column, vial 89	Silicon	7950	ug/L	274	ICP-OES Vadose-NP
1511002-89	B31F23 column, vial 89	Sodium	54000	ug/L	223	ICP-OES Vadose-NP
1511002-89	B31F23 column, vial 89	Strontium	169	ug/L	31.4	ICP-OES Vadose-NP
1511002-89	B31F23 column, vial 89	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1511002-89	B31F23 column, vial 89	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1511002-90	B31F23 column, vial 90	Alkalinity as CaCO3	64	ug/mL	23.5	Alkalinity-NP
1511002-90	B31F23 column, vial 90	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-90	B31F23 column, vial 90	Calcium	30900	ug/L	168	ICP-OES Vadose-NP
1511002-90	B31F23 column, vial 90	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-90	B31F23 column, vial 90	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-90	B31F23 column, vial 90	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-90	B31F23 column, vial 90	Magnesium	5030	ug/L	13.5	ICP-OES Vadose-NP
1511002-90	B31F23 column, vial 90	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-90	B31F23 column, vial 90	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-90	B31F23 column, vial 90	pH	8.2	pH Units		pH-NP
1511002-90	B31F23 column, vial 90	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-90	B31F23 column, vial 90	Potassium	6330	ug/L	806	ICP-OES Vadose-NP
1511002-90	B31F23 column, vial 90	Silicon	8060	ug/L	274	ICP-OES Vadose-NP
1511002-90	B31F23 column, vial 90	Sodium	52000	ug/L	223	ICP-OES Vadose-NP
1511002-90	B31F23 column, vial 90	Strontium	167	ug/L	31.4	ICP-OES Vadose-NP
1511002-90	B31F23 column, vial 90	Sulfate	90.1	ug/mL	7.5	Anions by IC-NP
1511002-90	B31F23 column, vial 90	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1511002-91	B31F23 column, vial 91	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-91	B31F23 column, vial 91	Calcium	29900	ug/L	168	ICP-OES Vadose-NP
1511002-91	B31F23 column, vial 91	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-91	B31F23 column, vial 91	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-91	B31F23 column, vial 91	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-91	B31F23 column, vial 91	Magnesium	4890	ug/L	13.5	ICP-OES Vadose-NP
1511002-91	B31F23 column, vial 91	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-91	B31F23 column, vial 91	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-91	B31F23 column, vial 91	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-91	B31F23 column, vial 91	Potassium	6110	ug/L	806	ICP-OES Vadose-NP
1511002-91	B31F23 column, vial 91	Silicon	7670	ug/L	274	ICP-OES Vadose-NP
1511002-91	B31F23 column, vial 91	Sodium	49800	ug/L	223	ICP-OES Vadose-NP
1511002-91	B31F23 column, vial 91	Strontium	162	ug/L	31.4	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-91	B31F23 column, vial 91	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1511002-91	B31F23 column, vial 91	Sulfur	29200	ug/L	239	ICP-OES Vadose-NP
1511002-92	B31F23 column, vial 92	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-92	B31F23 column, vial 92	Calcium	30600	ug/L	168	ICP-OES Vadose-NP
1511002-92	B31F23 column, vial 92	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-92	B31F23 column, vial 92	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-92	B31F23 column, vial 92	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-92	B31F23 column, vial 92	Magnesium	4990	ug/L	13.5	ICP-OES Vadose-NP
1511002-92	B31F23 column, vial 92	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-92	B31F23 column, vial 92	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-92	B31F23 column, vial 92	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-92	B31F23 column, vial 92	Potassium	6330	ug/L	806	ICP-OES Vadose-NP
1511002-92	B31F23 column, vial 92	Silicon	8010	ug/L	274	ICP-OES Vadose-NP
1511002-92	B31F23 column, vial 92	Sodium	50800	ug/L	223	ICP-OES Vadose-NP
1511002-92	B31F23 column, vial 92	Strontium	166	ug/L	31.4	ICP-OES Vadose-NP
1511002-92	B31F23 column, vial 92	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1511002-92	B31F23 column, vial 92	Sulfur	29500	ug/L	239	ICP-OES Vadose-NP
1511002-93	B31F23 column, vial 93	Bromide	39.4	ug/mL	5	Anions by IC-NP
1511002-93	B31F23 column, vial 93	Calcium	31000	ug/L	168	ICP-OES Vadose-NP
1511002-93	B31F23 column, vial 93	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-93	B31F23 column, vial 93	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-93	B31F23 column, vial 93	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-93	B31F23 column, vial 93	Magnesium	4980	ug/L	13.5	ICP-OES Vadose-NP
1511002-93	B31F23 column, vial 93	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-93	B31F23 column, vial 93	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-93	B31F23 column, vial 93	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-93	B31F23 column, vial 93	Potassium	6370	ug/L	806	ICP-OES Vadose-NP
1511002-93	B31F23 column, vial 93	Silicon	7770	ug/L	274	ICP-OES Vadose-NP
1511002-93	B31F23 column, vial 93	Sodium	50900	ug/L	223	ICP-OES Vadose-NP
1511002-93	B31F23 column, vial 93	Strontium	168	ug/L	31.4	ICP-OES Vadose-NP
1511002-93	B31F23 column, vial 93	Sulfate	90.3	ug/mL	7.5	Anions by IC-NP
1511002-93	B31F23 column, vial 93	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1511002-95	B31F23 column, vial 95	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-95	B31F23 column, vial 95	Calcium	30800	ug/L	168	ICP-OES Vadose-NP
1511002-95	B31F23 column, vial 95	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-95	B31F23 column, vial 95	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-95	B31F23 column, vial 95	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-95	B31F23 column, vial 95	Magnesium	5040	ug/L	13.5	ICP-OES Vadose-NP
1511002-95	B31F23 column, vial 95	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-95	B31F23 column, vial 95	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-95	B31F23 column, vial 95	pH	8.22	pH Units		pH-NP
1511002-95	B31F23 column, vial 95	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-95	B31F23 column, vial 95	Potassium	6320	ug/L	806	ICP-OES Vadose-NP
1511002-95	B31F23 column, vial 95	Silicon	7770	ug/L	274	ICP-OES Vadose-NP
1511002-95	B31F23 column, vial 95	Sodium	49900	ug/L	223	ICP-OES Vadose-NP
1511002-95	B31F23 column, vial 95	Strontium	167	ug/L	31.4	ICP-OES Vadose-NP
1511002-95	B31F23 column, vial 95	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-95	B31F23 column, vial 95	Sulfur	29500	ug/L	239	ICP-OES Vadose-NP
1511002-AA	B31F23 column, vial 100	Alkalinity as CaCO3	53.5	ug/mL	23.5	Alkalinity-NP
1511002-AA	B31F23 column, vial 100	Bromide	41.2	ug/mL	5	Anions by IC-NP
1511002-AA	B31F23 column, vial 100	Calcium	30800	ug/L	168	ICP-OES Vadose-NP
1511002-AA	B31F23 column, vial 100	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-AA	B31F23 column, vial 100	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-AA	B31F23 column, vial 100	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-AA	B31F23 column, vial 100	Magnesium	5050	ug/L	13.5	ICP-OES Vadose-NP
1511002-AA	B31F23 column, vial 100	Nitrate	38.3	ug/mL	5	Anions by IC-NP
1511002-AA	B31F23 column, vial 100	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-AA	B31F23 column, vial 100	pH	8.36	pH Units		pH-NP
1511002-AA	B31F23 column, vial 100	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-AA	B31F23 column, vial 100	Potassium	6260	ug/L	806	ICP-OES Vadose-NP
1511002-AA	B31F23 column, vial 100	Silicon	7550	ug/L	274	ICP-OES Vadose-NP
1511002-AA	B31F23 column, vial 100	Sodium	47700	ug/L	223	ICP-OES Vadose-NP
1511002-AA	B31F23 column, vial 100	Strontium	166	ug/L	31.4	ICP-OES Vadose-NP
1511002-AA	B31F23 column, vial 100	Sulfate	93.8	ug/mL	7.5	Anions by IC-NP
1511002-AA	B31F23 column, vial 100	Sulfur	29300	ug/L	239	ICP-OES Vadose-NP
1511002-AF	B31F23 column, vial 105	Bromide	39.4	ug/mL	5	Anions by IC-NP
1511002-AF	B31F23 column, vial 105	Calcium	32200	ug/L	168	ICP-OES Vadose-NP
1511002-AF	B31F23 column, vial 105	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-AF	B31F23 column, vial 105	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-AF	B31F23 column, vial 105	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-AF	B31F23 column, vial 105	Magnesium	5230	ug/L	13.5	ICP-OES Vadose-NP
1511002-AF	B31F23 column, vial 105	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-AF	B31F23 column, vial 105	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-AF	B31F23 column, vial 105	pH	8.25	pH Units		pH-NP
1511002-AF	B31F23 column, vial 105	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-AF	B31F23 column, vial 105	Potassium	6620	ug/L	806	ICP-OES Vadose-NP
1511002-AF	B31F23 column, vial 105	Silicon	7650	ug/L	274	ICP-OES Vadose-NP
1511002-AF	B31F23 column, vial 105	Sodium	47600	ug/L	223	ICP-OES Vadose-NP
1511002-AF	B31F23 column, vial 105	Strontium	174	ug/L	31.4	ICP-OES Vadose-NP
1511002-AF	B31F23 column, vial 105	Sulfate	89.5	ug/mL	7.5	Anions by IC-NP
1511002-AF	B31F23 column, vial 105	Sulfur	29800	ug/L	239	ICP-OES Vadose-NP
1511002-AK	B31F23 column, vial 110	Alkalinity as CaCO3	58.7	ug/mL	23.5	Alkalinity-NP
1511002-AK	B31F23 column, vial 110	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-AK	B31F23 column, vial 110	Calcium	32500	ug/L	168	ICP-OES Vadose-NP
1511002-AK	B31F23 column, vial 110	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-AK	B31F23 column, vial 110	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-AK	B31F23 column, vial 110	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-AK	B31F23 column, vial 110	Magnesium	5340	ug/L	13.5	ICP-OES Vadose-NP
1511002-AK	B31F23 column, vial 110	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-AK	B31F23 column, vial 110	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-AK	B31F23 column, vial 110	pH	8.24	pH Units		pH-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-AK	B31F23 column, vial 110	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-AK	B31F23 column, vial 110	Potassium	6380	ug/L	806	ICP-OES Vadose-NP
1511002-AK	B31F23 column, vial 110	Silicon	7640	ug/L	274	ICP-OES Vadose-NP
1511002-AK	B31F23 column, vial 110	Sodium	47500	ug/L	223	ICP-OES Vadose-NP
1511002-AK	B31F23 column, vial 110	Strontium	177	ug/L	31.4	ICP-OES Vadose-NP
1511002-AK	B31F23 column, vial 110	Sulfate	89.2	ug/mL	7.5	Anions by IC-NP
1511002-AK	B31F23 column, vial 110	Sulfur	29800	ug/L	239	ICP-OES Vadose-NP
1511002-AP	B31F23 column, vial 115	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-AP	B31F23 column, vial 115	Calcium	32900	ug/L	168	ICP-OES Vadose-NP
1511002-AP	B31F23 column, vial 115	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-AP	B31F23 column, vial 115	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-AP	B31F23 column, vial 115	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-AP	B31F23 column, vial 115	Magnesium	5400	ug/L	13.5	ICP-OES Vadose-NP
1511002-AP	B31F23 column, vial 115	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-AP	B31F23 column, vial 115	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-AP	B31F23 column, vial 115	pH	8.22	pH Units		pH-NP
1511002-AP	B31F23 column, vial 115	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-AP	B31F23 column, vial 115	Potassium	6480	ug/L	806	ICP-OES Vadose-NP
1511002-AP	B31F23 column, vial 115	Silicon	7530	ug/L	274	ICP-OES Vadose-NP
1511002-AP	B31F23 column, vial 115	Sodium	45000	ug/L	223	ICP-OES Vadose-NP
1511002-AP	B31F23 column, vial 115	Strontium	176	ug/L	31.4	ICP-OES Vadose-NP
1511002-AP	B31F23 column, vial 115	Sulfate	89.5	ug/mL	7.5	Anions by IC-NP
1511002-AP	B31F23 column, vial 115	Sulfur	29800	ug/L	239	ICP-OES Vadose-NP
1511002-AU	B31F23 column, vial 120	Alkalinity as CaCO3	58.7	ug/mL	23.5	Alkalinity-NP
1511002-AU	B31F23 column, vial 120	Bromide	39.4	ug/mL	5	Anions by IC-NP
1511002-AU	B31F23 column, vial 120	Calcium	32800	ug/L	168	ICP-OES Vadose-NP
1511002-AU	B31F23 column, vial 120	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-AU	B31F23 column, vial 120	Magnesium	5370	ug/L	13.5	ICP-OES Vadose-NP
1511002-AU	B31F23 column, vial 120	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1511002-AU	B31F23 column, vial 120	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-AU	B31F23 column, vial 120	pH	8.21	pH Units		pH-NP
1511002-AU	B31F23 column, vial 120	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-AU	B31F23 column, vial 120	Potassium	6420	ug/L	806	ICP-OES Vadose-NP
1511002-AU	B31F23 column, vial 120	Silicon	7260	ug/L	274	ICP-OES Vadose-NP
1511002-AU	B31F23 column, vial 120	Sodium	43700	ug/L	223	ICP-OES Vadose-NP
1511002-AU	B31F23 column, vial 120	Strontium	175	ug/L	31.4	ICP-OES Vadose-NP
1511002-AU	B31F23 column, vial 120	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1511002-AU	B31F23 column, vial 120	Sulfur	29200	ug/L	239	ICP-OES Vadose-NP
1511002-AURE1	B31F23 column, vial 120	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1511002-AURE1	B31F23 column, vial 120	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1511002-AZ	B31F23 column, vial 125	Bromide	40.2	ug/mL	5	Anions by IC-NP
1511002-AZ	B31F23 column, vial 125	Calcium	38900	ug/L	168	ICP-OES Vadose-NP
1511002-AZ	B31F23 column, vial 125	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-AZ	B31F23 column, vial 125	Chloride	ND	ug/mL	2.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-AZ	B31F23 column, vial 125	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-AZ	B31F23 column, vial 125	Magnesium	6420	ug/L	13.5	ICP-OES Vadose-NP
1511002-AZ	B31F23 column, vial 125	Nitrate	33.8	ug/mL	5	Anions by IC-NP
1511002-AZ	B31F23 column, vial 125	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-AZ	B31F23 column, vial 125	pH	8.34	pH Units		pH-NP
1511002-AZ	B31F23 column, vial 125	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-AZ	B31F23 column, vial 125	Potassium	7170	ug/L	806	ICP-OES Vadose-NP
1511002-AZ	B31F23 column, vial 125	Silicon	7800	ug/L	274	ICP-OES Vadose-NP
1511002-AZ	B31F23 column, vial 125	Sodium	49000	ug/L	223	ICP-OES Vadose-NP
1511002-AZ	B31F23 column, vial 125	Strontium	207	ug/L	31.4	ICP-OES Vadose-NP
1511002-AZ	B31F23 column, vial 125	Sulfate	92.6	ug/mL	7.5	Anions by IC-NP
1511002-AZ	B31F23 column, vial 125	Sulfur	30600	ug/L	239	ICP-OES Vadose-NP
1511002-BA	B31F23 column, vial 126	Bromide	39.6	ug/mL	5	Anions by IC-NP
1511002-BA	B31F23 column, vial 126	Calcium	40200	ug/L	168	ICP-OES Vadose-NP
1511002-BA	B31F23 column, vial 126	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BA	B31F23 column, vial 126	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BA	B31F23 column, vial 126	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BA	B31F23 column, vial 126	Magnesium	6330	ug/L	13.5	ICP-OES Vadose-NP
1511002-BA	B31F23 column, vial 126	Nitrate	33.5	ug/mL	5	Anions by IC-NP
1511002-BA	B31F23 column, vial 126	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BA	B31F23 column, vial 126	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BA	B31F23 column, vial 126	Potassium	7370	ug/L	806	ICP-OES Vadose-NP
1511002-BA	B31F23 column, vial 126	Silicon	7950	ug/L	274	ICP-OES Vadose-NP
1511002-BA	B31F23 column, vial 126	Sodium	48500	ug/L	223	ICP-OES Vadose-NP
1511002-BA	B31F23 column, vial 126	Strontium	213	ug/L	31.4	ICP-OES Vadose-NP
1511002-BA	B31F23 column, vial 126	Sulfate	92.5	ug/mL	7.5	Anions by IC-NP
1511002-BA	B31F23 column, vial 126	Sulfur	30500	ug/L	239	ICP-OES Vadose-NP
1511002-BB	B31F23 column, vial 127	Bromide	39.8	ug/mL	5	Anions by IC-NP
1511002-BB	B31F23 column, vial 127	Calcium	37700	ug/L	168	ICP-OES Vadose-NP
1511002-BB	B31F23 column, vial 127	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BB	B31F23 column, vial 127	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BB	B31F23 column, vial 127	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BB	B31F23 column, vial 127	Magnesium	6080	ug/L	13.5	ICP-OES Vadose-NP
1511002-BB	B31F23 column, vial 127	Nitrate	34.9	ug/mL	5	Anions by IC-NP
1511002-BB	B31F23 column, vial 127	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BB	B31F23 column, vial 127	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BB	B31F23 column, vial 127	Potassium	7020	ug/L	806	ICP-OES Vadose-NP
1511002-BB	B31F23 column, vial 127	Silicon	7840	ug/L	274	ICP-OES Vadose-NP
1511002-BB	B31F23 column, vial 127	Sodium	46400	ug/L	223	ICP-OES Vadose-NP
1511002-BB	B31F23 column, vial 127	Strontium	200	ug/L	31.4	ICP-OES Vadose-NP
1511002-BB	B31F23 column, vial 127	Sulfate	92.6	ug/mL	7.5	Anions by IC-NP
1511002-BB	B31F23 column, vial 127	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1511002-BC	B31F23 column, vial 128	Bromide	39.6	ug/mL	5	Anions by IC-NP
1511002-BC	B31F23 column, vial 128	Calcium	37300	ug/L	168	ICP-OES Vadose-NP
1511002-BC	B31F23 column, vial 128	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BC	B31F23 column, vial 128	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BC	B31F23 column, vial 128	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-BC	B31F23 column, vial 128	Magnesium	6020	ug/L	13.5	ICP-OES Vadose-NP
1511002-BC	B31F23 column, vial 128	Nitrate	35.5	ug/mL	5	Anions by IC-NP
1511002-BC	B31F23 column, vial 128	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BC	B31F23 column, vial 128	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BC	B31F23 column, vial 128	Potassium	6970	ug/L	806	ICP-OES Vadose-NP
1511002-BC	B31F23 column, vial 128	Silicon	7760	ug/L	274	ICP-OES Vadose-NP
1511002-BC	B31F23 column, vial 128	Sodium	46500	ug/L	223	ICP-OES Vadose-NP
1511002-BC	B31F23 column, vial 128	Strontium	199	ug/L	31.4	ICP-OES Vadose-NP
1511002-BC	B31F23 column, vial 128	Sulfate	92.6	ug/mL	7.5	Anions by IC-NP
1511002-BC	B31F23 column, vial 128	Sulfur	30500	ug/L	239	ICP-OES Vadose-NP
1511002-BD	B31F23 column, vial 129	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-BD	B31F23 column, vial 129	Calcium	36400	ug/L	168	ICP-OES Vadose-NP
1511002-BD	B31F23 column, vial 129	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BD	B31F23 column, vial 129	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BD	B31F23 column, vial 129	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BD	B31F23 column, vial 129	Magnesium	5870	ug/L	13.5	ICP-OES Vadose-NP
1511002-BD	B31F23 column, vial 129	Nitrate	35.6	ug/mL	5	Anions by IC-NP
1511002-BD	B31F23 column, vial 129	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BD	B31F23 column, vial 129	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BD	B31F23 column, vial 129	Potassium	6880	ug/L	806	ICP-OES Vadose-NP
1511002-BD	B31F23 column, vial 129	Silicon	7680	ug/L	274	ICP-OES Vadose-NP
1511002-BD	B31F23 column, vial 129	Sodium	45900	ug/L	223	ICP-OES Vadose-NP
1511002-BD	B31F23 column, vial 129	Strontium	193	ug/L	31.4	ICP-OES Vadose-NP
1511002-BD	B31F23 column, vial 129	Sulfate	92.4	ug/mL	7.5	Anions by IC-NP
1511002-BD	B31F23 column, vial 129	Sulfur	30500	ug/L	239	ICP-OES Vadose-NP
1511002-BE	B31F23 column, vial 130	Alkalinity as CaCO3	64.2	ug/mL	23.5	Alkalinity-NP
1511002-BE	B31F23 column, vial 130	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-BE	B31F23 column, vial 130	Calcium	36600	ug/L	168	ICP-OES Vadose-NP
1511002-BE	B31F23 column, vial 130	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BE	B31F23 column, vial 130	Chloride	7.02	ug/mL	2.5	Anions by IC-NP
1511002-BE	B31F23 column, vial 130	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BE	B31F23 column, vial 130	Magnesium	5860	ug/L	13.5	ICP-OES Vadose-NP
1511002-BE	B31F23 column, vial 130	Nitrate	35.9	ug/mL	5	Anions by IC-NP
1511002-BE	B31F23 column, vial 130	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BE	B31F23 column, vial 130	pH	8.23	pH Units		pH-NP
1511002-BE	B31F23 column, vial 130	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BE	B31F23 column, vial 130	Potassium	7000	ug/L	806	ICP-OES Vadose-NP
1511002-BE	B31F23 column, vial 130	Silicon	7650	ug/L	274	ICP-OES Vadose-NP
1511002-BE	B31F23 column, vial 130	Sodium	46700	ug/L	223	ICP-OES Vadose-NP
1511002-BE	B31F23 column, vial 130	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1511002-BE	B31F23 column, vial 130	Sulfate	92.6	ug/mL	7.5	Anions by IC-NP
1511002-BE	B31F23 column, vial 130	Sulfur	30700	ug/L	239	ICP-OES Vadose-NP
1511002-BF	B31F23 column, vial 131	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-BF	B31F23 column, vial 131	Calcium	35700	ug/L	168	ICP-OES Vadose-NP
1511002-BF	B31F23 column, vial 131	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BF	B31F23 column, vial 131	Chloride	ND	ug/mL	2.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-BF	B31F23 column, vial 131	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BF	B31F23 column, vial 131	Magnesium	5790	ug/L	13.5	ICP-OES Vadose-NP
1511002-BF	B31F23 column, vial 131	Nitrate	35.9	ug/mL	5	Anions by IC-NP
1511002-BF	B31F23 column, vial 131	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BF	B31F23 column, vial 131	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BF	B31F23 column, vial 131	Potassium	6750	ug/L	806	ICP-OES Vadose-NP
1511002-BF	B31F23 column, vial 131	Silicon	7640	ug/L	274	ICP-OES Vadose-NP
1511002-BF	B31F23 column, vial 131	Sodium	45900	ug/L	223	ICP-OES Vadose-NP
1511002-BF	B31F23 column, vial 131	Strontium	189	ug/L	31.4	ICP-OES Vadose-NP
1511002-BF	B31F23 column, vial 131	Sulfate	92.3	ug/mL	7.5	Anions by IC-NP
1511002-BF	B31F23 column, vial 131	Sulfur	30400	ug/L	239	ICP-OES Vadose-NP
1511002-BG	B31F23 column, vial 132	Bromide	38.9	ug/mL	5	Anions by IC-NP
1511002-BG	B31F23 column, vial 132	Calcium	35700	ug/L	168	ICP-OES Vadose-NP
1511002-BG	B31F23 column, vial 132	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BG	B31F23 column, vial 132	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BG	B31F23 column, vial 132	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BG	B31F23 column, vial 132	Magnesium	5710	ug/L	13.5	ICP-OES Vadose-NP
1511002-BG	B31F23 column, vial 132	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1511002-BG	B31F23 column, vial 132	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BG	B31F23 column, vial 132	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BG	B31F23 column, vial 132	Potassium	6770	ug/L	806	ICP-OES Vadose-NP
1511002-BG	B31F23 column, vial 132	Silicon	7580	ug/L	274	ICP-OES Vadose-NP
1511002-BG	B31F23 column, vial 132	Sodium	45700	ug/L	223	ICP-OES Vadose-NP
1511002-BG	B31F23 column, vial 132	Strontium	189	ug/L	31.4	ICP-OES Vadose-NP
1511002-BG	B31F23 column, vial 132	Sulfate	91.2	ug/mL	7.5	Anions by IC-NP
1511002-BG	B31F23 column, vial 132	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1511002-BH	B31F23 column, vial 133	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-BH	B31F23 column, vial 133	Calcium	36300	ug/L	168	ICP-OES Vadose-NP
1511002-BH	B31F23 column, vial 133	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BH	B31F23 column, vial 133	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BH	B31F23 column, vial 133	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BH	B31F23 column, vial 133	Magnesium	5840	ug/L	13.5	ICP-OES Vadose-NP
1511002-BH	B31F23 column, vial 133	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1511002-BH	B31F23 column, vial 133	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BH	B31F23 column, vial 133	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BH	B31F23 column, vial 133	Potassium	6940	ug/L	806	ICP-OES Vadose-NP
1511002-BH	B31F23 column, vial 133	Silicon	7770	ug/L	274	ICP-OES Vadose-NP
1511002-BH	B31F23 column, vial 133	Sodium	46300	ug/L	223	ICP-OES Vadose-NP
1511002-BH	B31F23 column, vial 133	Strontium	191	ug/L	31.4	ICP-OES Vadose-NP
1511002-BH	B31F23 column, vial 133	Sulfate	91.6	ug/mL	7.5	Anions by IC-NP
1511002-BH	B31F23 column, vial 133	Sulfur	30900	ug/L	239	ICP-OES Vadose-NP
1511002-BI	B31F23 column, vial 134	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-BI	B31F23 column, vial 134	Calcium	35700	ug/L	168	ICP-OES Vadose-NP
1511002-BI	B31F23 column, vial 134	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BI	B31F23 column, vial 134	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BI	B31F23 column, vial 134	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BI	B31F23 column, vial 134	Magnesium	5770	ug/L	13.5	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-BI	B31F23 column, vial 134	Nitrate	36	ug/mL	5	Anions by IC-NP
1511002-BI	B31F23 column, vial 134	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BI	B31F23 column, vial 134	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BI	B31F23 column, vial 134	Potassium	6880	ug/L	806	ICP-OES Vadose-NP
1511002-BI	B31F23 column, vial 134	Silicon	7660	ug/L	274	ICP-OES Vadose-NP
1511002-BI	B31F23 column, vial 134	Sodium	46100	ug/L	223	ICP-OES Vadose-NP
1511002-BI	B31F23 column, vial 134	Strontium	190	ug/L	31.4	ICP-OES Vadose-NP
1511002-BI	B31F23 column, vial 134	Sulfate	91	ug/mL	7.5	Anions by IC-NP
1511002-BI	B31F23 column, vial 134	Sulfur	30400	ug/L	239	ICP-OES Vadose-NP
1511002-BJ	B31F23 column, vial 135	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-BJ	B31F23 column, vial 135	Calcium	34100	ug/L	168	ICP-OES Vadose-NP
1511002-BJ	B31F23 column, vial 135	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BJ	B31F23 column, vial 135	Chloride	8.21	ug/mL	2.5	Anions by IC-NP
1511002-BJ	B31F23 column, vial 135	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BJ	B31F23 column, vial 135	Magnesium	5600	ug/L	13.5	ICP-OES Vadose-NP
1511002-BJ	B31F23 column, vial 135	Nitrate	36	ug/mL	5	Anions by IC-NP
1511002-BJ	B31F23 column, vial 135	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BJ	B31F23 column, vial 135	pH	8.2	pH Units		pH-NP
1511002-BJ	B31F23 column, vial 135	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BJ	B31F23 column, vial 135	Potassium	6430	ug/L	806	ICP-OES Vadose-NP
1511002-BJ	B31F23 column, vial 135	Silicon	7470	ug/L	274	ICP-OES Vadose-NP
1511002-BJ	B31F23 column, vial 135	Sodium	43800	ug/L	223	ICP-OES Vadose-NP
1511002-BJ	B31F23 column, vial 135	Strontium	181	ug/L	31.4	ICP-OES Vadose-NP
1511002-BJ	B31F23 column, vial 135	Sulfate	90.8	ug/mL	7.5	Anions by IC-NP
1511002-BJ	B31F23 column, vial 135	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1511002-BK	B31F23 column, vial 136	Bromide	38.9	ug/mL	5	Anions by IC-NP
1511002-BK	B31F23 column, vial 136	Calcium	35100	ug/L	168	ICP-OES Vadose-NP
1511002-BK	B31F23 column, vial 136	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BK	B31F23 column, vial 136	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BK	B31F23 column, vial 136	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BK	B31F23 column, vial 136	Magnesium	5700	ug/L	13.5	ICP-OES Vadose-NP
1511002-BK	B31F23 column, vial 136	Nitrate	35.7	ug/mL	5	Anions by IC-NP
1511002-BK	B31F23 column, vial 136	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BK	B31F23 column, vial 136	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BK	B31F23 column, vial 136	Potassium	6660	ug/L	806	ICP-OES Vadose-NP
1511002-BK	B31F23 column, vial 136	Silicon	7610	ug/L	274	ICP-OES Vadose-NP
1511002-BK	B31F23 column, vial 136	Sodium	45300	ug/L	223	ICP-OES Vadose-NP
1511002-BK	B31F23 column, vial 136	Strontium	186	ug/L	31.4	ICP-OES Vadose-NP
1511002-BK	B31F23 column, vial 136	Sulfate	89.9	ug/mL	7.5	Anions by IC-NP
1511002-BK	B31F23 column, vial 136	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1511002-BL	B31F23 column, vial 137	Bromide	38.9	ug/mL	5	Anions by IC-NP
1511002-BL	B31F23 column, vial 137	Calcium	35000	ug/L	168	ICP-OES Vadose-NP
1511002-BL	B31F23 column, vial 137	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BL	B31F23 column, vial 137	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BL	B31F23 column, vial 137	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BL	B31F23 column, vial 137	Magnesium	5680	ug/L	13.5	ICP-OES Vadose-NP
1511002-BL	B31F23 column, vial 137	Nitrate	35.7	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-BL	B31F23 column, vial 137	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BL	B31F23 column, vial 137	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BL	B31F23 column, vial 137	Potassium	6740	ug/L	806	ICP-OES Vadose-NP
1511002-BL	B31F23 column, vial 137	Silicon	7610	ug/L	274	ICP-OES Vadose-NP
1511002-BL	B31F23 column, vial 137	Sodium	45600	ug/L	223	ICP-OES Vadose-NP
1511002-BL	B31F23 column, vial 137	Strontium	186	ug/L	31.4	ICP-OES Vadose-NP
1511002-BL	B31F23 column, vial 137	Sulfate	89.8	ug/mL	7.5	Anions by IC-NP
1511002-BL	B31F23 column, vial 137	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1511002-BM	B31F23 column, vial 138	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-BM	B31F23 column, vial 138	Calcium	35000	ug/L	168	ICP-OES Vadose-NP
1511002-BM	B31F23 column, vial 138	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BM	B31F23 column, vial 138	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BM	B31F23 column, vial 138	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BM	B31F23 column, vial 138	Magnesium	5660	ug/L	13.5	ICP-OES Vadose-NP
1511002-BM	B31F23 column, vial 138	Nitrate	35.9	ug/mL	5	Anions by IC-NP
1511002-BM	B31F23 column, vial 138	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BM	B31F23 column, vial 138	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BM	B31F23 column, vial 138	Potassium	6570	ug/L	806	ICP-OES Vadose-NP
1511002-BM	B31F23 column, vial 138	Silicon	7500	ug/L	274	ICP-OES Vadose-NP
1511002-BM	B31F23 column, vial 138	Sodium	44900	ug/L	223	ICP-OES Vadose-NP
1511002-BM	B31F23 column, vial 138	Strontium	187	ug/L	31.4	ICP-OES Vadose-NP
1511002-BM	B31F23 column, vial 138	Sulfate	90.1	ug/mL	7.5	Anions by IC-NP
1511002-BM	B31F23 column, vial 138	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1511002-BN	B31F23 column, vial 139	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-BN	B31F23 column, vial 139	Calcium	34700	ug/L	168	ICP-OES Vadose-NP
1511002-BN	B31F23 column, vial 139	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BN	B31F23 column, vial 139	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BN	B31F23 column, vial 139	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BN	B31F23 column, vial 139	Magnesium	5660	ug/L	13.5	ICP-OES Vadose-NP
1511002-BN	B31F23 column, vial 139	Nitrate	35.9	ug/mL	5	Anions by IC-NP
1511002-BN	B31F23 column, vial 139	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BN	B31F23 column, vial 139	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BN	B31F23 column, vial 139	Potassium	6550	ug/L	806	ICP-OES Vadose-NP
1511002-BN	B31F23 column, vial 139	Silicon	7500	ug/L	274	ICP-OES Vadose-NP
1511002-BN	B31F23 column, vial 139	Sodium	44400	ug/L	223	ICP-OES Vadose-NP
1511002-BN	B31F23 column, vial 139	Strontium	184	ug/L	31.4	ICP-OES Vadose-NP
1511002-BN	B31F23 column, vial 139	Sulfate	90.1	ug/mL	7.5	Anions by IC-NP
1511002-BN	B31F23 column, vial 139	Sulfur	29200	ug/L	239	ICP-OES Vadose-NP
1511002-BO	B31F23 column, vial 140	Alkalinity as CaCO3	64.2	ug/mL	23.5	Alkalinity-NP
1511002-BO	B31F23 column, vial 140	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-BO	B31F23 column, vial 140	Calcium	35600	ug/L	168	ICP-OES Vadose-NP
1511002-BO	B31F23 column, vial 140	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BO	B31F23 column, vial 140	Chloride	5.49	ug/mL	2.5	Anions by IC-NP
1511002-BO	B31F23 column, vial 140	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BO	B31F23 column, vial 140	Magnesium	5760	ug/L	13.5	ICP-OES Vadose-NP
1511002-BO	B31F23 column, vial 140	Nitrate	36	ug/mL	5	Anions by IC-NP
1511002-BO	B31F23 column, vial 140	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-BO	B31F23 column, vial 140	pH	8.43	pH Units		pH-NP
1511002-BO	B31F23 column, vial 140	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BO	B31F23 column, vial 140	Potassium	6770	ug/L	806	ICP-OES Vadose-NP
1511002-BO	B31F23 column, vial 140	Silicon	7670	ug/L	274	ICP-OES Vadose-NP
1511002-BO	B31F23 column, vial 140	Sodium	45400	ug/L	223	ICP-OES Vadose-NP
1511002-BO	B31F23 column, vial 140	Strontium	189	ug/L	31.4	ICP-OES Vadose-NP
1511002-BO	B31F23 column, vial 140	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1511002-BO	B31F23 column, vial 140	Sulfur	30100	ug/L	239	ICP-OES Vadose-NP
1511002-BP	B31F23 column, vial 141	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-BP	B31F23 column, vial 141	Calcium	35400	ug/L	168	ICP-OES Vadose-NP
1511002-BP	B31F23 column, vial 141	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BP	B31F23 column, vial 141	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BP	B31F23 column, vial 141	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BP	B31F23 column, vial 141	Magnesium	5790	ug/L	13.5	ICP-OES Vadose-NP
1511002-BP	B31F23 column, vial 141	Nitrate	36	ug/mL	5	Anions by IC-NP
1511002-BP	B31F23 column, vial 141	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BP	B31F23 column, vial 141	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BP	B31F23 column, vial 141	Potassium	6820	ug/L	806	ICP-OES Vadose-NP
1511002-BP	B31F23 column, vial 141	Silicon	7670	ug/L	274	ICP-OES Vadose-NP
1511002-BP	B31F23 column, vial 141	Sodium	44700	ug/L	223	ICP-OES Vadose-NP
1511002-BP	B31F23 column, vial 141	Strontium	187	ug/L	31.4	ICP-OES Vadose-NP
1511002-BP	B31F23 column, vial 141	Sulfate	89.9	ug/mL	7.5	Anions by IC-NP
1511002-BP	B31F23 column, vial 141	Sulfur	30000	ug/L	239	ICP-OES Vadose-NP
1511002-BQ	B31F23 column, vial 142	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-BQ	B31F23 column, vial 142	Calcium	35400	ug/L	168	ICP-OES Vadose-NP
1511002-BQ	B31F23 column, vial 142	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BQ	B31F23 column, vial 142	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BQ	B31F23 column, vial 142	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BQ	B31F23 column, vial 142	Magnesium	5670	ug/L	13.5	ICP-OES Vadose-NP
1511002-BQ	B31F23 column, vial 142	Nitrate	36	ug/mL	5	Anions by IC-NP
1511002-BQ	B31F23 column, vial 142	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BQ	B31F23 column, vial 142	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BQ	B31F23 column, vial 142	Potassium	6750	ug/L	806	ICP-OES Vadose-NP
1511002-BQ	B31F23 column, vial 142	Silicon	7500	ug/L	274	ICP-OES Vadose-NP
1511002-BQ	B31F23 column, vial 142	Sodium	44700	ug/L	223	ICP-OES Vadose-NP
1511002-BQ	B31F23 column, vial 142	Strontium	186	ug/L	31.4	ICP-OES Vadose-NP
1511002-BQ	B31F23 column, vial 142	Sulfate	89.7	ug/mL	7.5	Anions by IC-NP
1511002-BQ	B31F23 column, vial 142	Sulfur	29100	ug/L	239	ICP-OES Vadose-NP
1511002-BR	B31F23 column, vial 143	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-BR	B31F23 column, vial 143	Calcium	37100	ug/L	168	ICP-OES Vadose-NP
1511002-BR	B31F23 column, vial 143	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BR	B31F23 column, vial 143	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BR	B31F23 column, vial 143	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BR	B31F23 column, vial 143	Magnesium	5780	ug/L	13.5	ICP-OES Vadose-NP
1511002-BR	B31F23 column, vial 143	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1511002-BR	B31F23 column, vial 143	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BR	B31F23 column, vial 143	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-BR	B31F23 column, vial 143	Potassium	7200	ug/L	806	ICP-OES Vadose-NP
1511002-BR	B31F23 column, vial 143	Silicon	7650	ug/L	274	ICP-OES Vadose-NP
1511002-BR	B31F23 column, vial 143	Sodium	46600	ug/L	223	ICP-OES Vadose-NP
1511002-BR	B31F23 column, vial 143	Strontium	196	ug/L	31.4	ICP-OES Vadose-NP
1511002-BR	B31F23 column, vial 143	Sulfate	89.7	ug/mL	7.5	Anions by IC-NP
1511002-BR	B31F23 column, vial 143	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1511002-BS	B31F23 column, vial 144	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-BS	B31F23 column, vial 144	Calcium	35100	ug/L	168	ICP-OES Vadose-NP
1511002-BS	B31F23 column, vial 144	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BS	B31F23 column, vial 144	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1511002-BS	B31F23 column, vial 144	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BS	B31F23 column, vial 144	Magnesium	5730	ug/L	13.5	ICP-OES Vadose-NP
1511002-BS	B31F23 column, vial 144	Nitrate	36	ug/mL	5	Anions by IC-NP
1511002-BS	B31F23 column, vial 144	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BS	B31F23 column, vial 144	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BS	B31F23 column, vial 144	Potassium	6840	ug/L	806	ICP-OES Vadose-NP
1511002-BS	B31F23 column, vial 144	Silicon	7510	ug/L	274	ICP-OES Vadose-NP
1511002-BS	B31F23 column, vial 144	Sodium	45400	ug/L	223	ICP-OES Vadose-NP
1511002-BS	B31F23 column, vial 144	Strontium	186	ug/L	31.4	ICP-OES Vadose-NP
1511002-BS	B31F23 column, vial 144	Sulfate	89.2	ug/mL	7.5	Anions by IC-NP
1511002-BS	B31F23 column, vial 144	Sulfur	29100	ug/L	239	ICP-OES Vadose-NP
1511002-BT	B31F23 column, vial 145	Bromide	38.8	ug/mL	5	Anions by IC-NP
1511002-BT	B31F23 column, vial 145	Calcium	35300	ug/L	168	ICP-OES Vadose-NP
1511002-BT	B31F23 column, vial 145	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BT	B31F23 column, vial 145	Chloride	7.37	ug/mL	2.5	Anions by IC-NP
1511002-BT	B31F23 column, vial 145	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BT	B31F23 column, vial 145	Magnesium	5760	ug/L	13.5	ICP-OES Vadose-NP
1511002-BT	B31F23 column, vial 145	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1511002-BT	B31F23 column, vial 145	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-BT	B31F23 column, vial 145	pH	8.33	pH Units		pH-NP
1511002-BT	B31F23 column, vial 145	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BT	B31F23 column, vial 145	Potassium	6810	ug/L	806	ICP-OES Vadose-NP
1511002-BT	B31F23 column, vial 145	Silicon	7620	ug/L	274	ICP-OES Vadose-NP
1511002-BT	B31F23 column, vial 145	Sodium	44300	ug/L	223	ICP-OES Vadose-NP
1511002-BT	B31F23 column, vial 145	Strontium	188	ug/L	31.4	ICP-OES Vadose-NP
1511002-BT	B31F23 column, vial 145	Sulfate	88.3	ug/mL	7.5	Anions by IC-NP
1511002-BT	B31F23 column, vial 145	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1511002-BY	B31F23 column, vial 150	Alkalinity as CaCO3	61.8	ug/mL	23.5	Alkalinity-NP
1511002-BY	B31F23 column, vial 150	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-BY	B31F23 column, vial 150	Calcium	35200	ug/L	168	ICP-OES Vadose-NP
1511002-BY	B31F23 column, vial 150	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-BY	B31F23 column, vial 150	Chloride	7.56	ug/mL	2.5	Anions by IC-NP
1511002-BY	B31F23 column, vial 150	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-BY	B31F23 column, vial 150	Magnesium	5750	ug/L	13.5	ICP-OES Vadose-NP
1511002-BY	B31F23 column, vial 150	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-BY	B31F23 column, vial 150	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-BY	B31F23 column, vial 150	pH	8.21	pH Units		pH-NP
1511002-BY	B31F23 column, vial 150	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-BY	B31F23 column, vial 150	Potassium	6870	ug/L	806	ICP-OES Vadose-NP
1511002-BY	B31F23 column, vial 150	Silicon	7440	ug/L	274	ICP-OES Vadose-NP
1511002-BY	B31F23 column, vial 150	Sodium	43400	ug/L	223	ICP-OES Vadose-NP
1511002-BY	B31F23 column, vial 150	Strontium	187	ug/L	31.4	ICP-OES Vadose-NP
1511002-BY	B31F23 column, vial 150	Sulfate	89.1	ug/mL	7.5	Anions by IC-NP
1511002-BY	B31F23 column, vial 150	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1511002-CD	B31F23 column, vial 155	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-CD	B31F23 column, vial 155	Calcium	35600	ug/L	168	ICP-OES Vadose-NP
1511002-CD	B31F23 column, vial 155	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-CD	B31F23 column, vial 155	Chloride	7.62	ug/mL	2.5	Anions by IC-NP
1511002-CD	B31F23 column, vial 155	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-CD	B31F23 column, vial 155	Magnesium	5850	ug/L	13.5	ICP-OES Vadose-NP
1511002-CD	B31F23 column, vial 155	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-CD	B31F23 column, vial 155	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-CD	B31F23 column, vial 155	pH	8.14	pH Units		pH-NP
1511002-CD	B31F23 column, vial 155	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-CD	B31F23 column, vial 155	Potassium	6900	ug/L	806	ICP-OES Vadose-NP
1511002-CD	B31F23 column, vial 155	Silicon	7500	ug/L	274	ICP-OES Vadose-NP
1511002-CD	B31F23 column, vial 155	Sodium	43400	ug/L	223	ICP-OES Vadose-NP
1511002-CD	B31F23 column, vial 155	Strontium	189	ug/L	31.4	ICP-OES Vadose-NP
1511002-CD	B31F23 column, vial 155	Sulfate	89.2	ug/mL	7.5	Anions by IC-NP
1511002-CD	B31F23 column, vial 155	Sulfur	29800	ug/L	239	ICP-OES Vadose-NP
1511002-CI	B31F23 column, vial 160	Alkalinity as CaCO3	58.7	ug/mL	23.5	Alkalinity-NP
1511002-CI	B31F23 column, vial 160	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-CI	B31F23 column, vial 160	Calcium	34500	ug/L	168	ICP-OES Vadose-NP
1511002-CI	B31F23 column, vial 160	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-CI	B31F23 column, vial 160	Chloride	8.19	ug/mL	2.5	Anions by IC-NP
1511002-CI	B31F23 column, vial 160	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-CI	B31F23 column, vial 160	Magnesium	5750	ug/L	13.5	ICP-OES Vadose-NP
1511002-CI	B31F23 column, vial 160	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-CI	B31F23 column, vial 160	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-CI	B31F23 column, vial 160	pH	8.2	pH Units		pH-NP
1511002-CI	B31F23 column, vial 160	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-CI	B31F23 column, vial 160	Potassium	6790	ug/L	806	ICP-OES Vadose-NP
1511002-CI	B31F23 column, vial 160	Silicon	7280	ug/L	274	ICP-OES Vadose-NP
1511002-CI	B31F23 column, vial 160	Sodium	41200	ug/L	223	ICP-OES Vadose-NP
1511002-CI	B31F23 column, vial 160	Strontium	182	ug/L	31.4	ICP-OES Vadose-NP
1511002-CI	B31F23 column, vial 160	Sulfate	89.2	ug/mL	7.5	Anions by IC-NP
1511002-CI	B31F23 column, vial 160	Sulfur	29100	ug/L	239	ICP-OES Vadose-NP
1511002-CN	B31F23 column, vial 165	Bromide	39.4	ug/mL	5	Anions by IC-NP
1511002-CN	B31F23 column, vial 165	Calcium	36000	ug/L	168	ICP-OES Vadose-NP
1511002-CN	B31F23 column, vial 165	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-CN	B31F23 column, vial 165	Chloride	6.03	ug/mL	2.5	Anions by IC-NP
1511002-CN	B31F23 column, vial 165	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-CN	B31F23 column, vial 165	Magnesium	5820	ug/L	13.5	ICP-OES Vadose-NP
1511002-CN	B31F23 column, vial 165	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1511002-CN	B31F23 column, vial 165	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-CN	B31F23 column, vial 165	pH	8.25	pH Units		pH-NP
1511002-CN	B31F23 column, vial 165	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-CN	B31F23 column, vial 165	Potassium	6990	ug/L	806	ICP-OES Vadose-NP
1511002-CN	B31F23 column, vial 165	Silicon	7240	ug/L	274	ICP-OES Vadose-NP
1511002-CN	B31F23 column, vial 165	Sodium	43100	ug/L	223	ICP-OES Vadose-NP
1511002-CN	B31F23 column, vial 165	Strontium	189	ug/L	31.4	ICP-OES Vadose-NP
1511002-CN	B31F23 column, vial 165	Sulfate	89.5	ug/mL	7.5	Anions by IC-NP
1511002-CN	B31F23 column, vial 165	Sulfur	29800	ug/L	239	ICP-OES Vadose-NP
1511002-CS	B31F23 column, vial 170	Alkalinity as CaCO3	58.5	ug/mL	23.5	Alkalinity-NP
1511002-CS	B31F23 column, vial 170	Bromide	39.1	ug/mL	5	Anions by IC-NP
1511002-CS	B31F23 column, vial 170	Calcium	35200	ug/L	168	ICP-OES Vadose-NP
1511002-CS	B31F23 column, vial 170	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-CS	B31F23 column, vial 170	Chloride	7.28	ug/mL	2.5	Anions by IC-NP
1511002-CS	B31F23 column, vial 170	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-CS	B31F23 column, vial 170	Magnesium	5780	ug/L	13.5	ICP-OES Vadose-NP
1511002-CS	B31F23 column, vial 170	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1511002-CS	B31F23 column, vial 170	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-CS	B31F23 column, vial 170	pH	8.23	pH Units		pH-NP
1511002-CS	B31F23 column, vial 170	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-CS	B31F23 column, vial 170	Potassium	6810	ug/L	806	ICP-OES Vadose-NP
1511002-CS	B31F23 column, vial 170	Silicon	7060	ug/L	274	ICP-OES Vadose-NP
1511002-CS	B31F23 column, vial 170	Sodium	41600	ug/L	223	ICP-OES Vadose-NP
1511002-CS	B31F23 column, vial 170	Strontium	185	ug/L	31.4	ICP-OES Vadose-NP
1511002-CS	B31F23 column, vial 170	Sulfate	88.9	ug/mL	7.5	Anions by IC-NP
1511002-CS	B31F23 column, vial 170	Sulfur	29200	ug/L	239	ICP-OES Vadose-NP
1511002-CX	B31F23 column, vial 175	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-CX	B31F23 column, vial 175	Calcium	36600	ug/L	168	ICP-OES Vadose-NP
1511002-CX	B31F23 column, vial 175	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-CX	B31F23 column, vial 175	Chloride	7.66	ug/mL	2.5	Anions by IC-NP
1511002-CX	B31F23 column, vial 175	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-CX	B31F23 column, vial 175	Magnesium	5940	ug/L	13.5	ICP-OES Vadose-NP
1511002-CX	B31F23 column, vial 175	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-CX	B31F23 column, vial 175	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-CX	B31F23 column, vial 175	pH	8.19	pH Units		pH-NP
1511002-CX	B31F23 column, vial 175	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-CX	B31F23 column, vial 175	Potassium	7180	ug/L	806	ICP-OES Vadose-NP
1511002-CX	B31F23 column, vial 175	Silicon	7270	ug/L	274	ICP-OES Vadose-NP
1511002-CX	B31F23 column, vial 175	Sodium	41900	ug/L	223	ICP-OES Vadose-NP
1511002-CX	B31F23 column, vial 175	Strontium	192	ug/L	31.4	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-CX	B31F23 column, vial 175	Sulfate	89.5	ug/mL	7.5	Anions by IC-NP
1511002-CX	B31F23 column, vial 175	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1511002-DC	B31F23 column, vial 180	Alkalinity as CaCO3	58.7	ug/mL	23.5	Alkalinity-NP
1511002-DC	B31F23 column, vial 180	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-DC	B31F23 column, vial 180	Calcium	36200	ug/L	168	ICP-OES Vadose-NP
1511002-DC	B31F23 column, vial 180	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-DC	B31F23 column, vial 180	Chloride	7.16	ug/mL	2.5	Anions by IC-NP
1511002-DC	B31F23 column, vial 180	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-DC	B31F23 column, vial 180	Magnesium	5900	ug/L	13.5	ICP-OES Vadose-NP
1511002-DC	B31F23 column, vial 180	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-DC	B31F23 column, vial 180	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-DC	B31F23 column, vial 180	pH	8.15	pH Units		pH-NP
1511002-DC	B31F23 column, vial 180	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-DC	B31F23 column, vial 180	Potassium	6990	ug/L	806	ICP-OES Vadose-NP
1511002-DC	B31F23 column, vial 180	Silicon	7000	ug/L	274	ICP-OES Vadose-NP
1511002-DC	B31F23 column, vial 180	Sodium	41200	ug/L	223	ICP-OES Vadose-NP
1511002-DC	B31F23 column, vial 180	Strontium	191	ug/L	31.4	ICP-OES Vadose-NP
1511002-DC	B31F23 column, vial 180	Sulfate	89.2	ug/mL	7.5	Anions by IC-NP
1511002-DC	B31F23 column, vial 180	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1511002-DH	B31F23 column, vial 185	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-DH	B31F23 column, vial 185	Calcium	36300	ug/L	168	ICP-OES Vadose-NP
1511002-DH	B31F23 column, vial 185	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-DH	B31F23 column, vial 185	Chloride	4.57	ug/mL	2.5	Anions by IC-NP
1511002-DH	B31F23 column, vial 185	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-DH	B31F23 column, vial 185	Magnesium	5960	ug/L	13.5	ICP-OES Vadose-NP
1511002-DH	B31F23 column, vial 185	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1511002-DH	B31F23 column, vial 185	Nitrite	ND	ug/mL	5	Anions by IC-NP
1511002-DH	B31F23 column, vial 185	pH	8.11	pH Units		pH-NP
1511002-DH	B31F23 column, vial 185	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-DH	B31F23 column, vial 185	Potassium	6990	ug/L	806	ICP-OES Vadose-NP
1511002-DH	B31F23 column, vial 185	Silicon	6970	ug/L	274	ICP-OES Vadose-NP
1511002-DH	B31F23 column, vial 185	Sodium	40300	ug/L	223	ICP-OES Vadose-NP
1511002-DH	B31F23 column, vial 185	Strontium	191	ug/L	31.4	ICP-OES Vadose-NP
1511002-DH	B31F23 column, vial 185	Sulfate	89.3	ug/mL	7.5	Anions by IC-NP
1511002-DH	B31F23 column, vial 185	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1511002-DM	B31F23 column, vial 190	Alkalinity as CaCO3	53.9	ug/mL	23.5	Alkalinity-NP
1511002-DM	B31F23 column, vial 190	Bromide	39.2	ug/mL	5	Anions by IC-NP
1511002-DM	B31F23 column, vial 190	Calcium	36300	ug/L	168	ICP-OES Vadose-NP
1511002-DM	B31F23 column, vial 190	Cesium 133	ND	ug/L	2.55	ICPMS-RCRA-NP
1511002-DM	B31F23 column, vial 190	Chloride	9.1	ug/mL	2.5	Anions by IC-NP
1511002-DM	B31F23 column, vial 190	Chromium 52	ND	ug/L	6.92	ICPMS-RCRA-NP
1511002-DM	B31F23 column, vial 190	Magnesium	5960	ug/L	13.5	ICP-OES Vadose-NP
1511002-DM	B31F23 column, vial 190	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1511002-DM	B31F23 column, vial 190	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1511002-DM	B31F23 column, vial 190	pH	8.16	pH Units		pH-NP
1511002-DM	B31F23 column, vial 190	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1511002-DM	B31F23 column, vial 190	Potassium	7030	ug/L	806	ICP-OES Vadose-NP
1511002-DM	B31F23 column, vial 190	Silicon	6840	ug/L	274	ICP-OES Vadose-NP
1511002-DM	B31F23 column, vial 190	Sodium	40000	ug/L	223	ICP-OES Vadose-NP
1511002-DM	B31F23 column, vial 190	Strontium	190	ug/L	31.4	ICP-OES Vadose-NP
1511002-DM	B31F23 column, vial 190	Sulfate	89.2	ug/mL	7.5	Anions by IC-NP
1511002-DM	B31F23 column, vial 190	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1511002-DN	B31F23 column, vial 191	Bromide	39.8	ug/mL	5	Anions by IC-NP
1511002-DO	B31F23 column, vial 192	Bromide	39.8	ug/mL	5	Anions by IC-NP
1511002-DP	B31F23 column, vial 193	Bromide	39.5	ug/mL	5	Anions by IC-NP
1511002-DQ	B31F23 column, vial 194	Bromide	39.6	ug/mL	5	Anions by IC-NP
1511002-DR	B31F23 column, vial 195	Bromide	39.6	ug/mL	5	Anions by IC-NP
1511002-DS	B31F23 column, vial 196	Bromide	39.6	ug/mL	5	Anions by IC-NP
1511002-DT	B31F23 column, vial 197	Bromide	39.5	ug/mL	5	Anions by IC-NP
1511002-DU	B31F23 column, vial 198	Bromide	39.6	ug/mL	5	Anions by IC-NP
1511002-DV	B31F23 column, vial 199	Bromide	39.5	ug/mL	5	Anions by IC-NP
1511002-DW	B31F23 column, vial 200	Bromide	39.3	ug/mL	5	Anions by IC-NP
1511002-DX	B31F23 column, vial 201	Bromide	38.8	ug/mL	5	Anions by IC-NP
1511002-DY	B31F23 column, vial 202	Bromide	37.8	ug/mL	5	Anions by IC-NP
1511002-DZ	B31F23 column, vial 203	Bromide	35.9	ug/mL	5	Anions by IC-NP
1511002-EA	B31F23 column, vial 204	Bromide	33.4	ug/mL	5	Anions by IC-NP
1511002-EB	B31F23 column, vial 205	Bromide	30.7	ug/mL	5	Anions by IC-NP
1511002-EC	B31F23 column, vial 206	Bromide	27.6	ug/mL	5	Anions by IC-NP
1511002-ED	B31F23 column, vial 207	Bromide	24.6	ug/mL	5	Anions by IC-NP
1511002-EE	B31F23 column, vial 208	Bromide	21.2	ug/mL	5	Anions by IC-NP
1511002-EF	B31F23 column, vial 209	Bromide	18	ug/mL	5	Anions by IC-NP
1511002-EG	B31F23 column, vial 210	Bromide	15.2	ug/mL	5	Anions by IC-NP
1511002-EI	B31F23 column, vial 212	Bromide	10.4	ug/mL	5	Anions by IC-NP
1511002-EL	B31F23 column, vial 215	Bromide	6.04	ug/mL	5	Anions by IC-NP
1511002-EQ	B31F23 column, vial 220	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-EV	B31F23 column, vial 225	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-FA	B31F23 column, vial 230	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-FF	B31F23 column, vial 235	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-FK	B31F23 column, vial 240	Bromide	ND	ug/mL	5	Anions by IC-NP
1511002-FN	B31F23 column, vials 5 & 6	Alkalinity as CaCO3	102	ug/mL	23.5	Alkalinity-NP
1601008-01	B31VM4 vial 1	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-01	B31VM4 vial 1	Calcium	25900	ug/L	168	ICP-OES Vadose-NP
1601008-01	B31VM4 vial 1	Cesium 133	0.655	ug/L	0.51	ICPMS-RCRA-NP
1601008-01	B31VM4 vial 1	Chloride	11.2	ug/mL	2.5	Anions by IC-NP
1601008-01	B31VM4 vial 1	Chromium 52	18.5	ug/L	1.38	ICPMS-RCRA-NP
1601008-01	B31VM4 vial 1	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-01	B31VM4 vial 1	Magnesium	4610	ug/L	13.5	ICP-OES Vadose-NP
1601008-01	B31VM4 vial 1	Nitrate	23.1	ug/mL	5	Anions by IC-NP
1601008-01	B31VM4 vial 1	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-01	B31VM4 vial 1	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-01	B31VM4 vial 1	Potassium	6800	ug/L	806	ICP-OES Vadose-NP
1601008-01	B31VM4 vial 1	Silicon	9060	ug/L	274	ICP-OES Vadose-NP
1601008-01	B31VM4 vial 1	Sodium	57500	ug/L	223	ICP-OES Vadose-NP
1601008-01	B31VM4 vial 1	Strontium	134	ug/L	31.4	ICP-OES Vadose-NP
1601008-01	B31VM4 vial 1	Sulfate	101	ug/mL	7.5	Anions by IC-NP
1601008-01	B31VM4 vial 1	Sulfur	34100	ug/L	239	ICP-OES Vadose-NP
1601008-05	B31VM4 vial 5	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-05	B31VM4 vial 5	Calcium	23300	ug/L	168	ICP-OES Vadose-NP
1601008-05	B31VM4 vial 5	Cesium 133	1.9	ug/L	0.51	ICPMS-RCRA-NP
1601008-05	B31VM4 vial 5	Chloride	47.2	ug/mL	2.5	Anions by IC-NP
1601008-05	B31VM4 vial 5	Chromium 52	15.9	ug/L	1.38	ICPMS-RCRA-NP
1601008-05	B31VM4 vial 5	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-05	B31VM4 vial 5	Magnesium	4300	ug/L	13.5	ICP-OES Vadose-NP
1601008-05	B31VM4 vial 5	Nitrate	24.1	ug/mL	5	Anions by IC-NP
1601008-05	B31VM4 vial 5	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-05	B31VM4 vial 5	pH	8.13	pH Units		pH-NP
1601008-05	B31VM4 vial 5	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-05	B31VM4 vial 5	Potassium	44200	ug/L	806	ICP-OES Vadose-NP
1601008-05	B31VM4 vial 5	Silicon	8980	ug/L	274	ICP-OES Vadose-NP
1601008-05	B31VM4 vial 5	Sodium	58000	ug/L	223	ICP-OES Vadose-NP
1601008-05	B31VM4 vial 5	Strontium	121	ug/L	31.4	ICP-OES Vadose-NP
1601008-05	B31VM4 vial 5	Sulfate	99.2	ug/mL	7.5	Anions by IC-NP
1601008-05	B31VM4 vial 5	Sulfur	33600	ug/L	239	ICP-OES Vadose-NP
1601008-10	B31VM4 vial 10	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-10	B31VM4 vial 10	Calcium	23700	ug/L	168	ICP-OES Vadose-NP
1601008-10	B31VM4 vial 10	Cesium 133	1.36	ug/L	0.51	ICPMS-RCRA-NP
1601008-10	B31VM4 vial 10	Chloride	11.2	ug/mL	2.5	Anions by IC-NP
1601008-10	B31VM4 vial 10	Chromium 52	14.3	ug/L	1.38	ICPMS-RCRA-NP
1601008-10	B31VM4 vial 10	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-10	B31VM4 vial 10	Magnesium	4280	ug/L	13.5	ICP-OES Vadose-NP
1601008-10	B31VM4 vial 10	Nitrate	26.4	ug/mL	5	Anions by IC-NP
1601008-10	B31VM4 vial 10	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-10	B31VM4 vial 10	pH	8.26	pH Units		pH-NP
1601008-10	B31VM4 vial 10	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-10	B31VM4 vial 10	Potassium	11500	ug/L	806	ICP-OES Vadose-NP
1601008-10	B31VM4 vial 10	Silicon	9060	ug/L	274	ICP-OES Vadose-NP
1601008-10	B31VM4 vial 10	Sodium	54500	ug/L	223	ICP-OES Vadose-NP
1601008-10	B31VM4 vial 10	Strontium	123	ug/L	31.4	ICP-OES Vadose-NP
1601008-10	B31VM4 vial 10	Sulfate	94.8	ug/mL	7.5	Anions by IC-NP
1601008-10	B31VM4 vial 10	Sulfur	32500	ug/L	239	ICP-OES Vadose-NP
1601008-17	B31VM4 vial 17	Alkalinity as CaCO3	91.7	ug/mL	23.5	Alkalinity-NP
1601008-17	B31VM4 vial 17	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-17	B31VM4 vial 17	Calcium	24900	ug/L	168	ICP-OES Vadose-NP
1601008-17	B31VM4 vial 17	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-17	B31VM4 vial 17	Chloride	7.66	ug/mL	2.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-17	B31VM4 vial 17	Chromium 52	17.9	ug/L	1.38	ICPMS-RCRA-NP
1601008-17	B31VM4 vial 17	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-17	B31VM4 vial 17	Magnesium	4510	ug/L	13.5	ICP-OES Vadose-NP
1601008-17	B31VM4 vial 17	Nitrate	24.6	ug/mL	5	Anions by IC-NP
1601008-17	B31VM4 vial 17	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-17	B31VM4 vial 17	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-17	B31VM4 vial 17	Potassium	7620	ug/L	806	ICP-OES Vadose-NP
1601008-17	B31VM4 vial 17	Silicon	8790	ug/L	274	ICP-OES Vadose-NP
1601008-17	B31VM4 vial 17	Sodium	58100	ug/L	223	ICP-OES Vadose-NP
1601008-17	B31VM4 vial 17	Strontium	129	ug/L	31.4	ICP-OES Vadose-NP
1601008-17	B31VM4 vial 17	Sulfate	96.8	ug/mL	7.5	Anions by IC-NP
1601008-17	B31VM4 vial 17	Sulfur	33400	ug/L	239	ICP-OES Vadose-NP
1601008-18	B31VM4 vial 18	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-18	B31VM4 vial 18	Calcium	25300	ug/L	168	ICP-OES Vadose-NP
1601008-18	B31VM4 vial 18	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-18	B31VM4 vial 18	Chloride	5.63	ug/mL	2.5	Anions by IC-NP
1601008-18	B31VM4 vial 18	Chromium 52	13.2	ug/L	1.38	ICPMS-RCRA-NP
1601008-18	B31VM4 vial 18	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-18	B31VM4 vial 18	Magnesium	4500	ug/L	13.5	ICP-OES Vadose-NP
1601008-18	B31VM4 vial 18	Nitrate	26.9	ug/mL	5	Anions by IC-NP
1601008-18	B31VM4 vial 18	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-18	B31VM4 vial 18	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-18	B31VM4 vial 18	Potassium	7540	ug/L	806	ICP-OES Vadose-NP
1601008-18	B31VM4 vial 18	Silicon	8870	ug/L	274	ICP-OES Vadose-NP
1601008-18	B31VM4 vial 18	Sodium	52800	ug/L	223	ICP-OES Vadose-NP
1601008-18	B31VM4 vial 18	Strontium	131	ug/L	31.4	ICP-OES Vadose-NP
1601008-18	B31VM4 vial 18	Sulfate	92.9	ug/mL	7.5	Anions by IC-NP
1601008-18	B31VM4 vial 18	Sulfur	31500	ug/L	239	ICP-OES Vadose-NP
1601008-19	B31VM4 vial 19	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-19	B31VM4 vial 19	Calcium	24900	ug/L	168	ICP-OES Vadose-NP
1601008-19	B31VM4 vial 19	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-19	B31VM4 vial 19	Chloride	4.75	ug/mL	2.5	Anions by IC-NP
1601008-19	B31VM4 vial 19	Chromium 52	11.5	ug/L	1.38	ICPMS-RCRA-NP
1601008-19	B31VM4 vial 19	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-19	B31VM4 vial 19	Magnesium	4560	ug/L	13.5	ICP-OES Vadose-NP
1601008-19	B31VM4 vial 19	Nitrate	28.4	ug/mL	5	Anions by IC-NP
1601008-19	B31VM4 vial 19	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-19	B31VM4 vial 19	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-19	B31VM4 vial 19	Potassium	7220	ug/L	806	ICP-OES Vadose-NP
1601008-19	B31VM4 vial 19	Silicon	8820	ug/L	274	ICP-OES Vadose-NP
1601008-19	B31VM4 vial 19	Sodium	48000	ug/L	223	ICP-OES Vadose-NP
1601008-19	B31VM4 vial 19	Strontium	128	ug/L	31.4	ICP-OES Vadose-NP
1601008-19	B31VM4 vial 19	Sulfate	91.4	ug/mL	7.5	Anions by IC-NP
1601008-19	B31VM4 vial 19	Sulfur	30900	ug/L	239	ICP-OES Vadose-NP
1601008-20	B31VM4 vial 20	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-20	B31VM4 vial 20	Calcium	25300	ug/L	168	ICP-OES Vadose-NP
1601008-20	B31VM4 vial 20	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-20	B31VM4 vial 20	Chloride	6.2	ug/mL	2.5	Anions by IC-NP
1601008-20	B31VM4 vial 20	Chromium 52	9.75	ug/L	1.38	ICPMS-RCRA-NP
1601008-20	B31VM4 vial 20	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-20	B31VM4 vial 20	Magnesium	4660	ug/L	13.5	ICP-OES Vadose-NP
1601008-20	B31VM4 vial 20	Nitrate	28.7	ug/mL	5	Anions by IC-NP
1601008-20	B31VM4 vial 20	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-20	B31VM4 vial 20	pH	8.1	pH Units		pH-NP
1601008-20	B31VM4 vial 20	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-20	B31VM4 vial 20	Potassium	9530	ug/L	806	ICP-OES Vadose-NP
1601008-20	B31VM4 vial 20	Silicon	9040	ug/L	274	ICP-OES Vadose-NP
1601008-20	B31VM4 vial 20	Sodium	46200	ug/L	223	ICP-OES Vadose-NP
1601008-20	B31VM4 vial 20	Strontium	130	ug/L	31.4	ICP-OES Vadose-NP
1601008-20	B31VM4 vial 20	Sulfate	89.3	ug/mL	7.5	Anions by IC-NP
1601008-20	B31VM4 vial 20	Sulfur	31200	ug/L	239	ICP-OES Vadose-NP
1601008-21	B31VM4 vial 21	Alkalinity as CaCO3	79.6	ug/mL	23.5	Alkalinity-NP
1601008-21	B31VM4 vial 21	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-21	B31VM4 vial 21	Calcium	25800	ug/L	168	ICP-OES Vadose-NP
1601008-21	B31VM4 vial 21	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-21	B31VM4 vial 21	Chloride	3.34	ug/mL	2.5	Anions by IC-NP
1601008-21	B31VM4 vial 21	Chromium 52	8.87	ug/L	1.38	ICPMS-RCRA-NP
1601008-21	B31VM4 vial 21	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-21	B31VM4 vial 21	Magnesium	4730	ug/L	13.5	ICP-OES Vadose-NP
1601008-21	B31VM4 vial 21	Nitrate	30	ug/mL	5	Anions by IC-NP
1601008-21	B31VM4 vial 21	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-21	B31VM4 vial 21	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-21	B31VM4 vial 21	Potassium	7110	ug/L	806	ICP-OES Vadose-NP
1601008-21	B31VM4 vial 21	Silicon	9030	ug/L	274	ICP-OES Vadose-NP
1601008-21	B31VM4 vial 21	Sodium	45200	ug/L	223	ICP-OES Vadose-NP
1601008-21	B31VM4 vial 21	Strontium	132	ug/L	31.4	ICP-OES Vadose-NP
1601008-21	B31VM4 vial 21	Sulfate	90.3	ug/mL	7.5	Anions by IC-NP
1601008-21	B31VM4 vial 21	Sulfur	31100	ug/L	239	ICP-OES Vadose-NP
1601008-22	B31VM4 vial 22	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-22	B31VM4 vial 22	Calcium	25500	ug/L	168	ICP-OES Vadose-NP
1601008-22	B31VM4 vial 22	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-22	B31VM4 vial 22	Chloride	3.06	ug/mL	2.5	Anions by IC-NP
1601008-22	B31VM4 vial 22	Chromium 52	8.47	ug/L	1.38	ICPMS-RCRA-NP
1601008-22	B31VM4 vial 22	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-22	B31VM4 vial 22	Magnesium	4670	ug/L	13.5	ICP-OES Vadose-NP
1601008-22	B31VM4 vial 22	Nitrate	30.4	ug/mL	5	Anions by IC-NP
1601008-22	B31VM4 vial 22	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-22	B31VM4 vial 22	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-22	B31VM4 vial 22	Potassium	7030	ug/L	806	ICP-OES Vadose-NP
1601008-22	B31VM4 vial 22	Silicon	8790	ug/L	274	ICP-OES Vadose-NP
1601008-22	B31VM4 vial 22	Sodium	43600	ug/L	223	ICP-OES Vadose-NP
1601008-22	B31VM4 vial 22	Strontium	130	ug/L	31.4	ICP-OES Vadose-NP
1601008-22	B31VM4 vial 22	Sulfate	89.9	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-22	B31VM4 vial 22	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1601008-23	B31VM4 vial 23	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-23	B31VM4 vial 23	Calcium	26300	ug/L	168	ICP-OES Vadose-NP
1601008-23	B31VM4 vial 23	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-23	B31VM4 vial 23	Chloride	2.84	ug/mL	2.5	Anions by IC-NP
1601008-23	B31VM4 vial 23	Chromium 52	7.95	ug/L	1.38	ICPMS-RCRA-NP
1601008-23	B31VM4 vial 23	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-23	B31VM4 vial 23	Magnesium	4810	ug/L	13.5	ICP-OES Vadose-NP
1601008-23	B31VM4 vial 23	Nitrate	30.8	ug/mL	5	Anions by IC-NP
1601008-23	B31VM4 vial 23	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-23	B31VM4 vial 23	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-23	B31VM4 vial 23	Potassium	7020	ug/L	806	ICP-OES Vadose-NP
1601008-23	B31VM4 vial 23	Silicon	8880	ug/L	274	ICP-OES Vadose-NP
1601008-23	B31VM4 vial 23	Sodium	43600	ug/L	223	ICP-OES Vadose-NP
1601008-23	B31VM4 vial 23	Strontium	134	ug/L	31.4	ICP-OES Vadose-NP
1601008-23	B31VM4 vial 23	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1601008-23	B31VM4 vial 23	Sulfur	30700	ug/L	239	ICP-OES Vadose-NP
1601008-24	B31VM4 vial 24	Bromide	7.29	ug/mL	5	Anions by IC-NP
1601008-24	B31VM4 vial 24	Calcium	26900	ug/L	168	ICP-OES Vadose-NP
1601008-24	B31VM4 vial 24	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-24	B31VM4 vial 24	Chloride	2.75	ug/mL	2.5	Anions by IC-NP
1601008-24	B31VM4 vial 24	Chromium 52	7.54	ug/L	1.38	ICPMS-RCRA-NP
1601008-24	B31VM4 vial 24	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-24	B31VM4 vial 24	Magnesium	4900	ug/L	13.5	ICP-OES Vadose-NP
1601008-24	B31VM4 vial 24	Nitrate	31.4	ug/mL	5	Anions by IC-NP
1601008-24	B31VM4 vial 24	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-24	B31VM4 vial 24	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-24	B31VM4 vial 24	Potassium	7140	ug/L	806	ICP-OES Vadose-NP
1601008-24	B31VM4 vial 24	Silicon	8820	ug/L	274	ICP-OES Vadose-NP
1601008-24	B31VM4 vial 24	Sodium	43200	ug/L	223	ICP-OES Vadose-NP
1601008-24	B31VM4 vial 24	Strontium	137	ug/L	31.4	ICP-OES Vadose-NP
1601008-24	B31VM4 vial 24	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1601008-24	B31VM4 vial 24	Sulfur	30500	ug/L	239	ICP-OES Vadose-NP
1601008-25	B31VM4 vial 25	Bromide	10.5	ug/mL	5	Anions by IC-NP
1601008-25	B31VM4 vial 25	Calcium	28200	ug/L	168	ICP-OES Vadose-NP
1601008-25	B31VM4 vial 25	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-25	B31VM4 vial 25	Chloride	4.08	ug/mL	2.5	Anions by IC-NP
1601008-25	B31VM4 vial 25	Chromium 52	6.75	ug/L	1.38	ICPMS-RCRA-NP
1601008-25	B31VM4 vial 25	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-25	B31VM4 vial 25	Magnesium	5010	ug/L	13.5	ICP-OES Vadose-NP
1601008-25	B31VM4 vial 25	Nitrate	31.8	ug/mL	5	Anions by IC-NP
1601008-25	B31VM4 vial 25	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-25	B31VM4 vial 25	pH	8.16	pH Units		pH-NP
1601008-25	B31VM4 vial 25	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-25	B31VM4 vial 25	Potassium	9080	ug/L	806	ICP-OES Vadose-NP
1601008-25	B31VM4 vial 25	Silicon	8770	ug/L	274	ICP-OES Vadose-NP
1601008-25	B31VM4 vial 25	Sodium	44300	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-25	B31VM4 vial 25	Strontium	143	ug/L	31.4	ICP-OES Vadose-NP
1601008-25	B31VM4 vial 25	Sulfate	89.8	ug/mL	7.5	Anions by IC-NP
1601008-25	B31VM4 vial 25	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1601008-26	B31VM4 vial 26	Bromide	13.2	ug/mL	5	Anions by IC-NP
1601008-26	B31VM4 vial 26	Calcium	27700	ug/L	168	ICP-OES Vadose-NP
1601008-26	B31VM4 vial 26	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-26	B31VM4 vial 26	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-26	B31VM4 vial 26	Chromium 52	6.6	ug/L	1.38	ICPMS-RCRA-NP
1601008-26	B31VM4 vial 26	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-26	B31VM4 vial 26	Magnesium	5040	ug/L	13.5	ICP-OES Vadose-NP
1601008-26	B31VM4 vial 26	Nitrate	32.1	ug/mL	5	Anions by IC-NP
1601008-26	B31VM4 vial 26	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-26	B31VM4 vial 26	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-26	B31VM4 vial 26	Potassium	7150	ug/L	806	ICP-OES Vadose-NP
1601008-26	B31VM4 vial 26	Silicon	8660	ug/L	274	ICP-OES Vadose-NP
1601008-26	B31VM4 vial 26	Sodium	42500	ug/L	223	ICP-OES Vadose-NP
1601008-26	B31VM4 vial 26	Strontium	141	ug/L	31.4	ICP-OES Vadose-NP
1601008-26	B31VM4 vial 26	Sulfate	89.4	ug/mL	7.5	Anions by IC-NP
1601008-26	B31VM4 vial 26	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1601008-28	B31VM4 vial 28	Bromide	17.5	ug/mL	5	Anions by IC-NP
1601008-28	B31VM4 vial 28	Calcium	28400	ug/L	168	ICP-OES Vadose-NP
1601008-28	B31VM4 vial 28	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-28	B31VM4 vial 28	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-28	B31VM4 vial 28	Chromium 52	5.39	ug/L	1.38	ICPMS-RCRA-NP
1601008-28	B31VM4 vial 28	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-28	B31VM4 vial 28	Magnesium	5180	ug/L	13.5	ICP-OES Vadose-NP
1601008-28	B31VM4 vial 28	Nitrate	32.8	ug/mL	5	Anions by IC-NP
1601008-28	B31VM4 vial 28	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-28	B31VM4 vial 28	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-28	B31VM4 vial 28	Potassium	7140	ug/L	806	ICP-OES Vadose-NP
1601008-28	B31VM4 vial 28	Silicon	8630	ug/L	274	ICP-OES Vadose-NP
1601008-28	B31VM4 vial 28	Sodium	41900	ug/L	223	ICP-OES Vadose-NP
1601008-28	B31VM4 vial 28	Strontium	144	ug/L	31.4	ICP-OES Vadose-NP
1601008-28	B31VM4 vial 28	Sulfate	89.4	ug/mL	7.5	Anions by IC-NP
1601008-28	B31VM4 vial 28	Sulfur	30400	ug/L	239	ICP-OES Vadose-NP
1601008-30	B31VM4 vial 30	Alkalinity as CaCO3	67.7	ug/mL	23.5	Alkalinity-NP
1601008-30	B31VM4 vial 30	Bromide	20.7	ug/mL	5	Anions by IC-NP
1601008-30	B31VM4 vial 30	Calcium	28600	ug/L	168	ICP-OES Vadose-NP
1601008-30	B31VM4 vial 30	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-30	B31VM4 vial 30	Chloride	3.65	ug/mL	2.5	Anions by IC-NP
1601008-30	B31VM4 vial 30	Chromium 52	5.12	ug/L	1.38	ICPMS-RCRA-NP
1601008-30	B31VM4 vial 30	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-30	B31VM4 vial 30	Magnesium	5210	ug/L	13.5	ICP-OES Vadose-NP
1601008-30	B31VM4 vial 30	Nitrate	33.2	ug/mL	5	Anions by IC-NP
1601008-30	B31VM4 vial 30	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-30	B31VM4 vial 30	pH	8.22	pH Units		pH-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-30	B31VM4 vial 30	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-30	B31VM4 vial 30	Potassium	8720	ug/L	806	ICP-OES Vadose-NP
1601008-30	B31VM4 vial 30	Silicon	8390	ug/L	274	ICP-OES Vadose-NP
1601008-30	B31VM4 vial 30	Sodium	41000	ug/L	223	ICP-OES Vadose-NP
1601008-30	B31VM4 vial 30	Strontium	145	ug/L	31.4	ICP-OES Vadose-NP
1601008-30	B31VM4 vial 30	Sulfate	89.2	ug/mL	7.5	Anions by IC-NP
1601008-30	B31VM4 vial 30	Sulfur	30000	ug/L	239	ICP-OES Vadose-NP
1601008-35	B31VM4 vial 35	Bromide	26.2	ug/mL	5	Anions by IC-NP
1601008-35	B31VM4 vial 35	Calcium	29900	ug/L	168	ICP-OES Vadose-NP
1601008-35	B31VM4 vial 35	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-35	B31VM4 vial 35	Chloride	5.02	ug/mL	2.5	Anions by IC-NP
1601008-35	B31VM4 vial 35	Chromium 52	3.72	ug/L	1.38	ICPMS-RCRA-NP
1601008-35	B31VM4 vial 35	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-35	B31VM4 vial 35	Magnesium	5430	ug/L	13.5	ICP-OES Vadose-NP
1601008-35	B31VM4 vial 35	Nitrate	34.1	ug/mL	5	Anions by IC-NP
1601008-35	B31VM4 vial 35	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-35	B31VM4 vial 35	pH	8.2	pH Units		pH-NP
1601008-35	B31VM4 vial 35	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-35	B31VM4 vial 35	Potassium	10800	ug/L	806	ICP-OES Vadose-NP
1601008-35	B31VM4 vial 35	Silicon	8750	ug/L	274	ICP-OES Vadose-NP
1601008-35	B31VM4 vial 35	Sodium	40400	ug/L	223	ICP-OES Vadose-NP
1601008-35	B31VM4 vial 35	Strontium	151	ug/L	31.4	ICP-OES Vadose-NP
1601008-35	B31VM4 vial 35	Sulfate	88.6	ug/mL	7.5	Anions by IC-NP
1601008-35	B31VM4 vial 35	Sulfur	30300	ug/L	239	ICP-OES Vadose-NP
1601008-40	B31VM4 vial 40	Alkalinity as CaCO3	65.6	ug/mL	23.5	Alkalinity-NP
1601008-40	B31VM4 vial 40	Bromide	29.7	ug/mL	5	Anions by IC-NP
1601008-40	B31VM4 vial 40	Calcium	30100	ug/L	168	ICP-OES Vadose-NP
1601008-40	B31VM4 vial 40	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-40	B31VM4 vial 40	Chloride	4.03	ug/mL	2.5	Anions by IC-NP
1601008-40	B31VM4 vial 40	Chromium 52	2.97	ug/L	1.38	ICPMS-RCRA-NP
1601008-40	B31VM4 vial 40	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-40	B31VM4 vial 40	Magnesium	5460	ug/L	13.5	ICP-OES Vadose-NP
1601008-40	B31VM4 vial 40	Nitrate	34.8	ug/mL	5	Anions by IC-NP
1601008-40	B31VM4 vial 40	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-40	B31VM4 vial 40	pH	8.19	pH Units		pH-NP
1601008-40	B31VM4 vial 40	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-40	B31VM4 vial 40	Potassium	9710	ug/L	806	ICP-OES Vadose-NP
1601008-40	B31VM4 vial 40	Silicon	8240	ug/L	274	ICP-OES Vadose-NP
1601008-40	B31VM4 vial 40	Sodium	39300	ug/L	223	ICP-OES Vadose-NP
1601008-40	B31VM4 vial 40	Strontium	151	ug/L	31.4	ICP-OES Vadose-NP
1601008-40	B31VM4 vial 40	Sulfate	88.7	ug/mL	7.5	Anions by IC-NP
1601008-40	B31VM4 vial 40	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601008-45	B31VM4 vial 45	pH	8.18	pH Units		pH-NP
1601008-50	B31VM4 vial 50	Alkalinity as CaCO3	65.8	ug/mL	23.5	Alkalinity-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-50	B31VM4 vial 50	Bromide	33.9	ug/mL	5	Anions by IC-NP
1601008-50	B31VM4 vial 50	Calcium	31300	ug/L	168	ICP-OES Vadose-NP
1601008-50	B31VM4 vial 50	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-50	B31VM4 vial 50	Chloride	4.79	ug/mL	2.5	Anions by IC-NP
1601008-50	B31VM4 vial 50	Chromium 52	1.85	ug/L	1.38	ICPMS-RCRA-NP
1601008-50	B31VM4 vial 50	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-50	B31VM4 vial 50	Magnesium	5500	ug/L	13.5	ICP-OES Vadose-NP
1601008-50	B31VM4 vial 50	Nitrate	35.6	ug/mL	5	Anions by IC-NP
1601008-50	B31VM4 vial 50	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-50	B31VM4 vial 50	pH	8.19	pH Units		pH-NP
1601008-50	B31VM4 vial 50	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-50	B31VM4 vial 50	Potassium	11200	ug/L	806	ICP-OES Vadose-NP
1601008-50	B31VM4 vial 50	Silicon	7830	ug/L	274	ICP-OES Vadose-NP
1601008-50	B31VM4 vial 50	Sodium	39500	ug/L	223	ICP-OES Vadose-NP
1601008-50	B31VM4 vial 50	Strontium	157	ug/L	31.4	ICP-OES Vadose-NP
1601008-50	B31VM4 vial 50	Sulfate	88.9	ug/mL	7.5	Anions by IC-NP
1601008-50	B31VM4 vial 50	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1601008-60	B31VM4 vial 60	Alkalinity as CaCO3	60.9	ug/mL	23.5	Alkalinity-NP
1601008-60	B31VM4 vial 60	Bromide	35.8	ug/mL	5	Anions by IC-NP
1601008-60	B31VM4 vial 60	Calcium	30800	ug/L	168	ICP-OES Vadose-NP
1601008-60	B31VM4 vial 60	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-60	B31VM4 vial 60	Chloride	5.8	ug/mL	2.5	Anions by IC-NP
1601008-60	B31VM4 vial 60	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-60	B31VM4 vial 60	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-60	B31VM4 vial 60	Magnesium	5610	ug/L	13.5	ICP-OES Vadose-NP
1601008-60	B31VM4 vial 60	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1601008-60	B31VM4 vial 60	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-60	B31VM4 vial 60	pH	8.13	pH Units		pH-NP
1601008-60	B31VM4 vial 60	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-60	B31VM4 vial 60	Potassium	11700	ug/L	806	ICP-OES Vadose-NP
1601008-60	B31VM4 vial 60	Silicon	7450	ug/L	274	ICP-OES Vadose-NP
1601008-60	B31VM4 vial 60	Sodium	38000	ug/L	223	ICP-OES Vadose-NP
1601008-60	B31VM4 vial 60	Strontium	155	ug/L	31.4	ICP-OES Vadose-NP
1601008-60	B31VM4 vial 60	Sulfate	88.4	ug/mL	7.5	Anions by IC-NP
1601008-60	B31VM4 vial 60	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601008-65	B31VM4 vial 65	pH	8.17	pH Units		pH-NP
1601008-70	B31VM4 vial 70	Alkalinity as CaCO3	60.9	ug/mL	23.5	Alkalinity-NP
1601008-70	B31VM4 vial 70	Bromide	36.8	ug/mL	5	Anions by IC-NP
1601008-70	B31VM4 vial 70	Calcium	31200	ug/L	168	ICP-OES Vadose-NP
1601008-70	B31VM4 vial 70	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-70	B31VM4 vial 70	Chloride	4.8	ug/mL	2.5	Anions by IC-NP
1601008-70	B31VM4 vial 70	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-70	B31VM4 vial 70	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-70	B31VM4 vial 70	Magnesium	5660	ug/L	13.5	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-70	B31VM4 vial 70	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1601008-70	B31VM4 vial 70	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-70	B31VM4 vial 70	pH	8.15	pH Units		pH-NP
1601008-70	B31VM4 vial 70	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-70	B31VM4 vial 70	Potassium	11000	ug/L	806	ICP-OES Vadose-NP
1601008-70	B31VM4 vial 70	Silicon	7130	ug/L	274	ICP-OES Vadose-NP
1601008-70	B31VM4 vial 70	Sodium	37700	ug/L	223	ICP-OES Vadose-NP
1601008-70	B31VM4 vial 70	Strontium	158	ug/L	31.4	ICP-OES Vadose-NP
1601008-70	B31VM4 vial 70	Sulfate	87.8	ug/mL	7.5	Anions by IC-NP
1601008-70	B31VM4 vial 70	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1601008-75	B31VM4 vial 75	pH	8.13	pH Units		pH-NP
1601008-80	B31VM4 vial 80	Alkalinity as CaCO3	60.9	ug/mL	23.5	Alkalinity-NP
1601008-80	B31VM4 vial 80	Bromide	37.7	ug/mL	5	Anions by IC-NP
1601008-80	B31VM4 vial 80	Calcium	31200	ug/L	168	ICP-OES Vadose-NP
1601008-80	B31VM4 vial 80	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-80	B31VM4 vial 80	Chloride	24.3	ug/mL	2.5	Anions by IC-NP
1601008-80	B31VM4 vial 80	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-80	B31VM4 vial 80	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-80	B31VM4 vial 80	Magnesium	5670	ug/L	13.5	ICP-OES Vadose-NP
1601008-80	B31VM4 vial 80	Nitrate	36	ug/mL	5	Anions by IC-NP
1601008-80	B31VM4 vial 80	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-80	B31VM4 vial 80	pH	8.24	pH Units		pH-NP
1601008-80	B31VM4 vial 80	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-80	B31VM4 vial 80	Potassium	29900	ug/L	806	ICP-OES Vadose-NP
1601008-80	B31VM4 vial 80	Silicon	6810	ug/L	274	ICP-OES Vadose-NP
1601008-80	B31VM4 vial 80	Sodium	37100	ug/L	223	ICP-OES Vadose-NP
1601008-80	B31VM4 vial 80	Strontium	156	ug/L	31.4	ICP-OES Vadose-NP
1601008-80	B31VM4 vial 80	Sulfate	88.3	ug/mL	7.5	Anions by IC-NP
1601008-80	B31VM4 vial 80	Sulfur	29800	ug/L	239	ICP-OES Vadose-NP
1601008-85	B31VM4 vial 85	pH	8.22	pH Units		pH-NP
1601008-90	B31VM4 vial 90	Alkalinity as CaCO3	61.2	ug/mL	23.5	Alkalinity-NP
1601008-90	B31VM4 vial 90	Bromide	38.2	ug/mL	5	Anions by IC-NP
1601008-90	B31VM4 vial 90	Calcium	31600	ug/L	168	ICP-OES Vadose-NP
1601008-90	B31VM4 vial 90	Cesium 133	1.54	ug/L	0.51	ICPMS-RCRA-NP
1601008-90	B31VM4 vial 90	Chloride	4.56	ug/mL	2.5	Anions by IC-NP
1601008-90	B31VM4 vial 90	Chromium 52	1.47	ug/L	1.38	ICPMS-RCRA-NP
1601008-90	B31VM4 vial 90	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-90	B31VM4 vial 90	Magnesium	5740	ug/L	13.5	ICP-OES Vadose-NP
1601008-90	B31VM4 vial 90	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1601008-90	B31VM4 vial 90	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-90	B31VM4 vial 90	pH	8.2	pH Units		pH-NP
1601008-90	B31VM4 vial 90	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-90	B31VM4 vial 90	Potassium	10800	ug/L	806	ICP-OES Vadose-NP
1601008-90	B31VM4 vial 90	Silicon	6620	ug/L	274	ICP-OES Vadose-NP
1601008-90	B31VM4 vial 90	Sodium	36800	ug/L	223	ICP-OES Vadose-NP
1601008-90	B31VM4 vial 90	Strontium	158	ug/L	31.4	ICP-OES Vadose-NP
1601008-90	B31VM4 vial 90	Sulfate	88.3	ug/mL	7.5	Anions by IC-NP
1601008-90	B31VM4 vial 90	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1601008-95	B31VM4 vial 95	pH	8.2	pH Units		pH-NP
1601008-AA	B31VM4 vial 100	pH	8.13	pH Units		pH-NP
1601008-AC	B31VM4 vial 102	Alkalinity as CaCO3	65.8	ug/mL	23.5	Alkalinity-NP
1601008-AC	B31VM4 vial 102	Bromide	39	ug/mL	5	Anions by IC-NP
1601008-AC	B31VM4 vial 102	Calcium	31400	ug/L	168	ICP-OES Vadose-NP
1601008-AC	B31VM4 vial 102	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AC	B31VM4 vial 102	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-AC	B31VM4 vial 102	Chromium 52	4.37	ug/L	1.38	ICPMS-RCRA-NP
1601008-AC	B31VM4 vial 102	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AC	B31VM4 vial 102	Magnesium	5740	ug/L	13.5	ICP-OES Vadose-NP
1601008-AC	B31VM4 vial 102	Nitrate	36.2	ug/mL	5	Anions by IC-NP
1601008-AC	B31VM4 vial 102	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AC	B31VM4 vial 102	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AC	B31VM4 vial 102	Potassium	7140	ug/L	806	ICP-OES Vadose-NP
1601008-AC	B31VM4 vial 102	Silicon	7120	ug/L	274	ICP-OES Vadose-NP
1601008-AC	B31VM4 vial 102	Sodium	38800	ug/L	223	ICP-OES Vadose-NP
1601008-AC	B31VM4 vial 102	Strontium	156	ug/L	31.4	ICP-OES Vadose-NP
1601008-AC	B31VM4 vial 102	Sulfate	89.4	ug/mL	7.5	Anions by IC-NP
1601008-AC	B31VM4 vial 102	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1601008-AD	B31VM4 vial 103	Bromide	37.9	ug/mL	5	Anions by IC-NP
1601008-AD	B31VM4 vial 103	Calcium	32500	ug/L	168	ICP-OES Vadose-NP
1601008-AD	B31VM4 vial 103	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AD	B31VM4 vial 103	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-AD	B31VM4 vial 103	Chromium 52	3.79	ug/L	1.38	ICPMS-RCRA-NP
1601008-AD	B31VM4 vial 103	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AD	B31VM4 vial 103	Magnesium	5690	ug/L	13.5	ICP-OES Vadose-NP
1601008-AD	B31VM4 vial 103	Nitrate	35.6	ug/mL	5	Anions by IC-NP
1601008-AD	B31VM4 vial 103	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AD	B31VM4 vial 103	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AD	B31VM4 vial 103	Potassium	7660	ug/L	806	ICP-OES Vadose-NP
1601008-AD	B31VM4 vial 103	Silicon	7290	ug/L	274	ICP-OES Vadose-NP
1601008-AD	B31VM4 vial 103	Sodium	40300	ug/L	223	ICP-OES Vadose-NP
1601008-AD	B31VM4 vial 103	Strontium	163	ug/L	31.4	ICP-OES Vadose-NP
1601008-AD	B31VM4 vial 103	Sulfate	87.6	ug/mL	7.5	Anions by IC-NP
1601008-AD	B31VM4 vial 103	Sulfur	29500	ug/L	239	ICP-OES Vadose-NP
1601008-AE	B31VM4 vial 104	Bromide	38.1	ug/mL	5	Anions by IC-NP
1601008-AE	B31VM4 vial 104	Calcium	31300	ug/L	168	ICP-OES Vadose-NP
1601008-AE	B31VM4 vial 104	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AE	B31VM4 vial 104	Chloride	ND	ug/mL	2.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-AE	B31VM4 vial 104	Chromium 52	3.16	ug/L	1.38	ICPMS-RCRA-NP
1601008-AE	B31VM4 vial 104	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AE	B31VM4 vial 104	Magnesium	5660	ug/L	13.5	ICP-OES Vadose-NP
1601008-AE	B31VM4 vial 104	Nitrate	35.7	ug/mL	5	Anions by IC-NP
1601008-AE	B31VM4 vial 104	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AE	B31VM4 vial 104	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AE	B31VM4 vial 104	Potassium	7350	ug/L	806	ICP-OES Vadose-NP
1601008-AE	B31VM4 vial 104	Silicon	7250	ug/L	274	ICP-OES Vadose-NP
1601008-AE	B31VM4 vial 104	Sodium	38300	ug/L	223	ICP-OES Vadose-NP
1601008-AE	B31VM4 vial 104	Strontium	156	ug/L	31.4	ICP-OES Vadose-NP
1601008-AE	B31VM4 vial 104	Sulfate	87.9	ug/mL	7.5	Anions by IC-NP
1601008-AE	B31VM4 vial 104	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1601008-AF	B31VM4 vial 105	Bromide	38.4	ug/mL	5	Anions by IC-NP
1601008-AF	B31VM4 vial 105	Calcium	33100	ug/L	168	ICP-OES Vadose-NP
1601008-AF	B31VM4 vial 105	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AF	B31VM4 vial 105	Chloride	4.69	ug/mL	2.5	Anions by IC-NP
1601008-AF	B31VM4 vial 105	Chromium 52	2.52	ug/L	1.38	ICPMS-RCRA-NP
1601008-AF	B31VM4 vial 105	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AF	B31VM4 vial 105	Magnesium	5770	ug/L	13.5	ICP-OES Vadose-NP
1601008-AF	B31VM4 vial 105	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1601008-AF	B31VM4 vial 105	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AF	B31VM4 vial 105	pH	8.26	pH Units		pH-NP
1601008-AF	B31VM4 vial 105	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AF	B31VM4 vial 105	Potassium	11200	ug/L	806	ICP-OES Vadose-NP
1601008-AF	B31VM4 vial 105	Silicon	7260	ug/L	274	ICP-OES Vadose-NP
1601008-AF	B31VM4 vial 105	Sodium	40000	ug/L	223	ICP-OES Vadose-NP
1601008-AF	B31VM4 vial 105	Strontium	166	ug/L	31.4	ICP-OES Vadose-NP
1601008-AF	B31VM4 vial 105	Sulfate	88.4	ug/mL	7.5	Anions by IC-NP
1601008-AF	B31VM4 vial 105	Sulfur	30000	ug/L	239	ICP-OES Vadose-NP
1601008-AG	B31VM4 vial 106	Bromide	38.4	ug/mL	5	Anions by IC-NP
1601008-AG	B31VM4 vial 106	Calcium	31700	ug/L	168	ICP-OES Vadose-NP
1601008-AG	B31VM4 vial 106	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AG	B31VM4 vial 106	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-AG	B31VM4 vial 106	Chromium 52	1.84	ug/L	1.38	ICPMS-RCRA-NP
1601008-AG	B31VM4 vial 106	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AG	B31VM4 vial 106	Magnesium	5780	ug/L	13.5	ICP-OES Vadose-NP
1601008-AG	B31VM4 vial 106	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1601008-AG	B31VM4 vial 106	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AG	B31VM4 vial 106	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AG	B31VM4 vial 106	Potassium	7370	ug/L	806	ICP-OES Vadose-NP
1601008-AG	B31VM4 vial 106	Silicon	7270	ug/L	274	ICP-OES Vadose-NP
1601008-AG	B31VM4 vial 106	Sodium	37800	ug/L	223	ICP-OES Vadose-NP
1601008-AG	B31VM4 vial 106	Strontium	158	ug/L	31.4	ICP-OES Vadose-NP
1601008-AG	B31VM4 vial 106	Sulfate	88.4	ug/mL	7.5	Anions by IC-NP
1601008-AG	B31VM4 vial 106	Sulfur	30100	ug/L	239	ICP-OES Vadose-NP
1601008-AH	B31VM4 vial 107	Bromide	38.6	ug/mL	5	Anions by IC-NP
1601008-AH	B31VM4 vial 107	Calcium	33800	ug/L	168	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-AH	B31VM4 vial 107	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AH	B31VM4 vial 107	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-AH	B31VM4 vial 107	Chromium 52	1.58	ug/L	1.38	ICPMS-RCRA-NP
1601008-AH	B31VM4 vial 107	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AH	B31VM4 vial 107	Magnesium	5870	ug/L	13.5	ICP-OES Vadose-NP
1601008-AH	B31VM4 vial 107	Nitrate	36	ug/mL	5	Anions by IC-NP
1601008-AH	B31VM4 vial 107	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AH	B31VM4 vial 107	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AH	B31VM4 vial 107	Potassium	7750	ug/L	806	ICP-OES Vadose-NP
1601008-AH	B31VM4 vial 107	Silicon	7260	ug/L	274	ICP-OES Vadose-NP
1601008-AH	B31VM4 vial 107	Sodium	39900	ug/L	223	ICP-OES Vadose-NP
1601008-AH	B31VM4 vial 107	Strontium	169	ug/L	31.4	ICP-OES Vadose-NP
1601008-AH	B31VM4 vial 107	Sulfate	89.1	ug/mL	7.5	Anions by IC-NP
1601008-AH	B31VM4 vial 107	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1601008-AI	B31VM4 vial 108	Bromide	38.3	ug/mL	5	Anions by IC-NP
1601008-AI	B31VM4 vial 108	Calcium	32100	ug/L	168	ICP-OES Vadose-NP
1601008-AI	B31VM4 vial 108	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AI	B31VM4 vial 108	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-AI	B31VM4 vial 108	Chromium 52	1.75	ug/L	1.38	ICPMS-RCRA-NP
1601008-AI	B31VM4 vial 108	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AI	B31VM4 vial 108	Magnesium	5860	ug/L	13.5	ICP-OES Vadose-NP
1601008-AI	B31VM4 vial 108	Nitrate	35.7	ug/mL	5	Anions by IC-NP
1601008-AI	B31VM4 vial 108	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AI	B31VM4 vial 108	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AI	B31VM4 vial 108	Potassium	7330	ug/L	806	ICP-OES Vadose-NP
1601008-AI	B31VM4 vial 108	Silicon	7130	ug/L	274	ICP-OES Vadose-NP
1601008-AI	B31VM4 vial 108	Sodium	37400	ug/L	223	ICP-OES Vadose-NP
1601008-AI	B31VM4 vial 108	Strontium	159	ug/L	31.4	ICP-OES Vadose-NP
1601008-AI	B31VM4 vial 108	Sulfate	88.2	ug/mL	7.5	Anions by IC-NP
1601008-AI	B31VM4 vial 108	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601008-AJ	B31VM4 vial 109	Bromide	38.6	ug/mL	5	Anions by IC-NP
1601008-AJ	B31VM4 vial 109	Calcium	33100	ug/L	168	ICP-OES Vadose-NP
1601008-AJ	B31VM4 vial 109	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AJ	B31VM4 vial 109	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-AJ	B31VM4 vial 109	Chromium 52	1.81	ug/L	1.38	ICPMS-RCRA-NP
1601008-AJ	B31VM4 vial 109	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AJ	B31VM4 vial 109	Magnesium	5830	ug/L	13.5	ICP-OES Vadose-NP
1601008-AJ	B31VM4 vial 109	Nitrate	35.9	ug/mL	5	Anions by IC-NP
1601008-AJ	B31VM4 vial 109	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AJ	B31VM4 vial 109	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AJ	B31VM4 vial 109	Potassium	7550	ug/L	806	ICP-OES Vadose-NP
1601008-AJ	B31VM4 vial 109	Silicon	7050	ug/L	274	ICP-OES Vadose-NP
1601008-AJ	B31VM4 vial 109	Sodium	38700	ug/L	223	ICP-OES Vadose-NP
1601008-AJ	B31VM4 vial 109	Strontium	166	ug/L	31.4	ICP-OES Vadose-NP
1601008-AJ	B31VM4 vial 109	Sulfate	88.5	ug/mL	7.5	Anions by IC-NP
1601008-AJ	B31VM4 vial 109	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601008-AK	B31VM4 vial 110	Bromide	38.6	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-AK	B31VM4 vial 110	Calcium	32300	ug/L	168	ICP-OES Vadose-NP
1601008-AK	B31VM4 vial 110	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AK	B31VM4 vial 110	Chloride	2.86	ug/mL	2.5	Anions by IC-NP
1601008-AK	B31VM4 vial 110	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-AK	B31VM4 vial 110	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AK	B31VM4 vial 110	Magnesium	5870	ug/L	13.5	ICP-OES Vadose-NP
1601008-AK	B31VM4 vial 110	Nitrate	35.9	ug/mL	5	Anions by IC-NP
1601008-AK	B31VM4 vial 110	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AK	B31VM4 vial 110	pH	8.13	pH Units		pH-NP
1601008-AK	B31VM4 vial 110	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AK	B31VM4 vial 110	Potassium	9020	ug/L	806	ICP-OES Vadose-NP
1601008-AK	B31VM4 vial 110	Silicon	7150	ug/L	274	ICP-OES Vadose-NP
1601008-AK	B31VM4 vial 110	Sodium	37500	ug/L	223	ICP-OES Vadose-NP
1601008-AK	B31VM4 vial 110	Strontium	161	ug/L	31.4	ICP-OES Vadose-NP
1601008-AK	B31VM4 vial 110	Sulfate	88.7	ug/mL	7.5	Anions by IC-NP
1601008-AK	B31VM4 vial 110	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1601008-AL	B31VM4 vial 111	Alkalinity as CaCO3	61.2	ug/mL	23.5	Alkalinity-NP
1601008-AL	B31VM4 vial 111	Bromide	38.7	ug/mL	5	Anions by IC-NP
1601008-AL	B31VM4 vial 111	Calcium	32300	ug/L	168	ICP-OES Vadose-NP
1601008-AL	B31VM4 vial 111	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AL	B31VM4 vial 111	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-AL	B31VM4 vial 111	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-AL	B31VM4 vial 111	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AL	B31VM4 vial 111	Magnesium	5850	ug/L	13.5	ICP-OES Vadose-NP
1601008-AL	B31VM4 vial 111	Nitrate	36	ug/mL	5	Anions by IC-NP
1601008-AL	B31VM4 vial 111	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AL	B31VM4 vial 111	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AL	B31VM4 vial 111	Potassium	7340	ug/L	806	ICP-OES Vadose-NP
1601008-AL	B31VM4 vial 111	Silicon	7090	ug/L	274	ICP-OES Vadose-NP
1601008-AL	B31VM4 vial 111	Sodium	37500	ug/L	223	ICP-OES Vadose-NP
1601008-AL	B31VM4 vial 111	Strontium	161	ug/L	31.4	ICP-OES Vadose-NP
1601008-AL	B31VM4 vial 111	Sulfate	88.8	ug/mL	7.5	Anions by IC-NP
1601008-AL	B31VM4 vial 111	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP
1601008-AN	B31VM4 vial 113	Bromide	38.6	ug/mL	5	Anions by IC-NP
1601008-AN	B31VM4 vial 113	Calcium	31900	ug/L	168	ICP-OES Vadose-NP
1601008-AN	B31VM4 vial 113	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AN	B31VM4 vial 113	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-AN	B31VM4 vial 113	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-AN	B31VM4 vial 113	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AN	B31VM4 vial 113	Magnesium	5760	ug/L	13.5	ICP-OES Vadose-NP
1601008-AN	B31VM4 vial 113	Nitrate	35.9	ug/mL	5	Anions by IC-NP
1601008-AN	B31VM4 vial 113	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AN	B31VM4 vial 113	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AN	B31VM4 vial 113	Potassium	7170	ug/L	806	ICP-OES Vadose-NP
1601008-AN	B31VM4 vial 113	Silicon	6800	ug/L	274	ICP-OES Vadose-NP
1601008-AN	B31VM4 vial 113	Sodium	36600	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-AN	B31VM4 vial 113	Strontium	159	ug/L	31.4	ICP-OES Vadose-NP
1601008-AN	B31VM4 vial 113	Sulfate	88.5	ug/mL	7.5	Anions by IC-NP
1601008-AN	B31VM4 vial 113	Sulfur	29000	ug/L	239	ICP-OES Vadose-NP
1601008-AP	B31VM4 vial 115	Bromide	39	ug/mL	5	Anions by IC-NP
1601008-AP	B31VM4 vial 115	Calcium	32100	ug/L	168	ICP-OES Vadose-NP
1601008-AP	B31VM4 vial 115	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AP	B31VM4 vial 115	Chloride	3.55	ug/mL	2.5	Anions by IC-NP
1601008-AP	B31VM4 vial 115	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-AP	B31VM4 vial 115	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AP	B31VM4 vial 115	Magnesium	5770	ug/L	13.5	ICP-OES Vadose-NP
1601008-AP	B31VM4 vial 115	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1601008-AP	B31VM4 vial 115	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AP	B31VM4 vial 115	pH	7.92	pH Units		pH-NP
1601008-AP	B31VM4 vial 115	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AP	B31VM4 vial 115	Potassium	9320	ug/L	806	ICP-OES Vadose-NP
1601008-AP	B31VM4 vial 115	Silicon	6830	ug/L	274	ICP-OES Vadose-NP
1601008-AP	B31VM4 vial 115	Sodium	37100	ug/L	223	ICP-OES Vadose-NP
1601008-AP	B31VM4 vial 115	Strontium	159	ug/L	31.4	ICP-OES Vadose-NP
1601008-AP	B31VM4 vial 115	Sulfate	89	ug/mL	7.5	Anions by IC-NP
1601008-AP	B31VM4 vial 115	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1601008-AU	B31VM4 vial 120	Alkalinity as CaCO3	63.3	ug/mL	23.5	Alkalinity-NP
1601008-AU	B31VM4 vial 120	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601008-AU	B31VM4 vial 120	Calcium	33900	ug/L	168	ICP-OES Vadose-NP
1601008-AU	B31VM4 vial 120	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AU	B31VM4 vial 120	Chloride	8.75	ug/mL	2.5	Anions by IC-NP
1601008-AU	B31VM4 vial 120	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-AU	B31VM4 vial 120	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AU	B31VM4 vial 120	Magnesium	5890	ug/L	13.5	ICP-OES Vadose-NP
1601008-AU	B31VM4 vial 120	Nitrate	36	ug/mL	5	Anions by IC-NP
1601008-AU	B31VM4 vial 120	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AU	B31VM4 vial 120	pH	8.15	pH Units		pH-NP
1601008-AU	B31VM4 vial 120	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AU	B31VM4 vial 120	Potassium	15800	ug/L	806	ICP-OES Vadose-NP
1601008-AU	B31VM4 vial 120	Silicon	6820	ug/L	274	ICP-OES Vadose-NP
1601008-AU	B31VM4 vial 120	Sodium	37900	ug/L	223	ICP-OES Vadose-NP
1601008-AU	B31VM4 vial 120	Strontium	169	ug/L	31.4	ICP-OES Vadose-NP
1601008-AU	B31VM4 vial 120	Sulfate	88.6	ug/mL	7.5	Anions by IC-NP
1601008-AU	B31VM4 vial 120	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1601008-AZ	B31VM4 vial 125	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601008-AZ	B31VM4 vial 125	Calcium	32700	ug/L	168	ICP-OES Vadose-NP
1601008-AZ	B31VM4 vial 125	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-AZ	B31VM4 vial 125	Chloride	4.05	ug/mL	2.5	Anions by IC-NP
1601008-AZ	B31VM4 vial 125	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-AZ	B31VM4 vial 125	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-AZ	B31VM4 vial 125	Magnesium	5940	ug/L	13.5	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-AZ	B31VM4 vial 125	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1601008-AZ	B31VM4 vial 125	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-AZ	B31VM4 vial 125	pH	7.95	pH Units		pH-NP
1601008-AZ	B31VM4 vial 125	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-AZ	B31VM4 vial 125	Potassium	10400	ug/L	806	ICP-OES Vadose-NP
1601008-AZ	B31VM4 vial 125	Silicon	6770	ug/L	274	ICP-OES Vadose-NP
1601008-AZ	B31VM4 vial 125	Sodium	36000	ug/L	223	ICP-OES Vadose-NP
1601008-AZ	B31VM4 vial 125	Strontium	162	ug/L	31.4	ICP-OES Vadose-NP
1601008-AZ	B31VM4 vial 125	Sulfate	88.4	ug/mL	7.5	Anions by IC-NP
1601008-AZ	B31VM4 vial 125	Sulfur	30200	ug/L	239	ICP-OES Vadose-NP
1601008-BE	B31VM4 vial 130	Alkalinity as CaCO3	59.4	ug/mL	23.5	Alkalinity-NP
1601008-BE	B31VM4 vial 130	Bromide	39.1	ug/mL	5	Anions by IC-NP
1601008-BE	B31VM4 vial 130	Calcium	31700	ug/L	168	ICP-OES Vadose-NP
1601008-BE	B31VM4 vial 130	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-BE	B31VM4 vial 130	Chloride	3.91	ug/mL	2.5	Anions by IC-NP
1601008-BE	B31VM4 vial 130	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-BE	B31VM4 vial 130	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-BE	B31VM4 vial 130	Magnesium	5780	ug/L	13.5	ICP-OES Vadose-NP
1601008-BE	B31VM4 vial 130	Nitrate	36.2	ug/mL	5	Anions by IC-NP
1601008-BE	B31VM4 vial 130	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-BE	B31VM4 vial 130	pH	8.1	pH Units		pH-NP
1601008-BE	B31VM4 vial 130	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-BE	B31VM4 vial 130	Potassium	9860	ug/L	806	ICP-OES Vadose-NP
1601008-BE	B31VM4 vial 130	Silicon	6440	ug/L	274	ICP-OES Vadose-NP
1601008-BE	B31VM4 vial 130	Sodium	34800	ug/L	223	ICP-OES Vadose-NP
1601008-BE	B31VM4 vial 130	Strontium	157	ug/L	31.4	ICP-OES Vadose-NP
1601008-BE	B31VM4 vial 130	Sulfate	88.7	ug/mL	7.5	Anions by IC-NP
1601008-BE	B31VM4 vial 130	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1601008-BJ	B31VM4 vial 135	pH	8.16	pH Units		pH-NP
1601008-BO	B31VM4 vial 140	Alkalinity as CaCO3	57	ug/mL	23.5	Alkalinity-NP
1601008-BO	B31VM4 vial 140	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601008-BO	B31VM4 vial 140	Calcium	32200	ug/L	168	ICP-OES Vadose-NP
1601008-BO	B31VM4 vial 140	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-BO	B31VM4 vial 140	Chloride	3.86	ug/mL	2.5	Anions by IC-NP
1601008-BO	B31VM4 vial 140	Chromium 52	16.3	ug/L	1.38	ICPMS-RCRA-NP
1601008-BO	B31VM4 vial 140	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-BO	B31VM4 vial 140	Magnesium	5810	ug/L	13.5	ICP-OES Vadose-NP
1601008-BO	B31VM4 vial 140	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1601008-BO	B31VM4 vial 140	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-BO	B31VM4 vial 140	pH	8.32	pH Units		pH-NP
1601008-BO	B31VM4 vial 140	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-BO	B31VM4 vial 140	Potassium	10200	ug/L	806	ICP-OES Vadose-NP
1601008-BO	B31VM4 vial 140	Silicon	6180	ug/L	274	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-BO	B31VM4 vial 140	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1601008-BO	B31VM4 vial 140	Strontium	160	ug/L	31.4	ICP-OES Vadose-NP
1601008-BO	B31VM4 vial 140	Sulfate	88.7	ug/mL	7.5	Anions by IC-NP
1601008-BO	B31VM4 vial 140	Sulfur	29300	ug/L	239	ICP-OES Vadose-NP
1601008-BT	B31VM4 vial 145	pH	8.18	pH Units		pH-NP
1601008-BY	B31VM4 vial 150	Alkalinity as CaCO3	58.3	ug/mL	23.5	Alkalinity-NP
1601008-BY	B31VM4 vial 150	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601008-BY	B31VM4 vial 150	Calcium	32400	ug/L	168	ICP-OES Vadose-NP
1601008-BY	B31VM4 vial 150	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-BY	B31VM4 vial 150	Chloride	5.78	ug/mL	2.5	Anions by IC-NP
1601008-BY	B31VM4 vial 150	Chromium 52	3.2	ug/L	1.38	ICPMS-RCRA-NP
1601008-BY	B31VM4 vial 150	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-BY	B31VM4 vial 150	Magnesium	5820	ug/L	13.5	ICP-OES Vadose-NP
1601008-BY	B31VM4 vial 150	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1601008-BY	B31VM4 vial 150	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-BY	B31VM4 vial 150	pH	8.17	pH Units		pH-NP
1601008-BY	B31VM4 vial 150	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-BY	B31VM4 vial 150	Potassium	12100	ug/L	806	ICP-OES Vadose-NP
1601008-BY	B31VM4 vial 150	Silicon	5970	ug/L	274	ICP-OES Vadose-NP
1601008-BY	B31VM4 vial 150	Sodium	34900	ug/L	223	ICP-OES Vadose-NP
1601008-BY	B31VM4 vial 150	Strontium	161	ug/L	31.4	ICP-OES Vadose-NP
1601008-BY	B31VM4 vial 150	Sulfate	89.2	ug/mL	7.5	Anions by IC-NP
1601008-BY	B31VM4 vial 150	Sulfur	29800	ug/L	239	ICP-OES Vadose-NP
1601008-CD	B31VM4 vial 155	pH	8.18	pH Units		pH-NP
1601008-CI	B31VM4 vial 160	Alkalinity as CaCO3	57	ug/mL	23.5	Alkalinity-NP
1601008-CI	B31VM4 vial 160	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601008-CI	B31VM4 vial 160	Calcium	32900	ug/L	168	ICP-OES Vadose-NP
1601008-CI	B31VM4 vial 160	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-CI	B31VM4 vial 160	Chloride	4.56	ug/mL	2.5	Anions by IC-NP
1601008-CI	B31VM4 vial 160	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-CI	B31VM4 vial 160	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CI	B31VM4 vial 160	Magnesium	5900	ug/L	13.5	ICP-OES Vadose-NP
1601008-CI	B31VM4 vial 160	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1601008-CI	B31VM4 vial 160	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CI	B31VM4 vial 160	pH	8.14	pH Units		pH-NP
1601008-CI	B31VM4 vial 160	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CI	B31VM4 vial 160	Potassium	11300	ug/L	806	ICP-OES Vadose-NP
1601008-CI	B31VM4 vial 160	Silicon	5770	ug/L	274	ICP-OES Vadose-NP
1601008-CI	B31VM4 vial 160	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1601008-CI	B31VM4 vial 160	Strontium	163	ug/L	31.4	ICP-OES Vadose-NP
1601008-CI	B31VM4 vial 160	Sulfate	88.8	ug/mL	7.5	Anions by IC-NP
1601008-CI	B31VM4 vial 160	Sulfur	29900	ug/L	239	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-CN	B31VM4 vial 165	pH	8.12	pH Units		pH-NP
1601008-CO	B31VM4 vial 166	Bromide	40.2	ug/mL	5	Anions by IC-NP
1601008-CO	B31VM4 vial 166	Calcium	33300	ug/L	168	ICP-OES Vadose-NP
1601008-CO	B31VM4 vial 166	Cesium 133	2.07	ug/L	0.51	ICPMS-RCRA-NP
1601008-CO	B31VM4 vial 166	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CO	B31VM4 vial 166	Chromium 52	8.74	ug/L	1.38	ICPMS-RCRA-NP
1601008-CO	B31VM4 vial 166	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CO	B31VM4 vial 166	Magnesium	5980	ug/L	13.5	ICP-OES Vadose-NP
1601008-CO	B31VM4 vial 166	Nitrate	35.8	ug/mL	5	Anions by IC-NP
1601008-CO	B31VM4 vial 166	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CO	B31VM4 vial 166	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CO	B31VM4 vial 166	Potassium	7890	ug/L	806	ICP-OES Vadose-NP
1601008-CO	B31VM4 vial 166	Silicon	7440	ug/L	274	ICP-OES Vadose-NP
1601008-CO	B31VM4 vial 166	Sodium	37700	ug/L	223	ICP-OES Vadose-NP
1601008-CO	B31VM4 vial 166	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1601008-CO	B31VM4 vial 166	Sulfate	88.5	ug/mL	7.5	Anions by IC-NP
1601008-CO	B31VM4 vial 166	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1601008-CP	B31VM4 vial 167	Bromide	39	ug/mL	5	Anions by IC-NP
1601008-CP	B31VM4 vial 167	Calcium	33500	ug/L	168	ICP-OES Vadose-NP
1601008-CP	B31VM4 vial 167	Cesium 133	5.96	ug/L	0.51	ICPMS-RCRA-NP
1601008-CP	B31VM4 vial 167	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CP	B31VM4 vial 167	Chromium 52	8.28	ug/L	1.38	ICPMS-RCRA-NP
1601008-CP	B31VM4 vial 167	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CP	B31VM4 vial 167	Magnesium	5910	ug/L	13.5	ICP-OES Vadose-NP
1601008-CP	B31VM4 vial 167	Nitrate	35.6	ug/mL	5	Anions by IC-NP
1601008-CP	B31VM4 vial 167	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CP	B31VM4 vial 167	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CP	B31VM4 vial 167	Potassium	8390	ug/L	806	ICP-OES Vadose-NP
1601008-CP	B31VM4 vial 167	Silicon	7260	ug/L	274	ICP-OES Vadose-NP
1601008-CP	B31VM4 vial 167	Sodium	38400	ug/L	223	ICP-OES Vadose-NP
1601008-CP	B31VM4 vial 167	Strontium	168	ug/L	31.4	ICP-OES Vadose-NP
1601008-CP	B31VM4 vial 167	Sulfate	87.8	ug/mL	7.5	Anions by IC-NP
1601008-CP	B31VM4 vial 167	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1601008-CQ	B31VM4 vial 168	Bromide	39	ug/mL	5	Anions by IC-NP
1601008-CQ	B31VM4 vial 168	Calcium	33700	ug/L	168	ICP-OES Vadose-NP
1601008-CQ	B31VM4 vial 168	Cesium 133	2.37	ug/L	0.51	ICPMS-RCRA-NP
1601008-CQ	B31VM4 vial 168	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CQ	B31VM4 vial 168	Chromium 52	4.56	ug/L	1.38	ICPMS-RCRA-NP
1601008-CQ	B31VM4 vial 168	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CQ	B31VM4 vial 168	Magnesium	5890	ug/L	13.5	ICP-OES Vadose-NP
1601008-CQ	B31VM4 vial 168	Nitrate	35.5	ug/mL	5	Anions by IC-NP
1601008-CQ	B31VM4 vial 168	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CQ	B31VM4 vial 168	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CQ	B31VM4 vial 168	Potassium	8390	ug/L	806	ICP-OES Vadose-NP
1601008-CQ	B31VM4 vial 168	Silicon	7060	ug/L	274	ICP-OES Vadose-NP
1601008-CQ	B31VM4 vial 168	Sodium	38300	ug/L	223	ICP-OES Vadose-NP
1601008-CQ	B31VM4 vial 168	Strontium	169	ug/L	31.4	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-CQ	B31VM4 vial 168	Sulfate	88.1	ug/mL	7.5	Anions by IC-NP
1601008-CQ	B31VM4 vial 168	Sulfur	29300	ug/L	239	ICP-OES Vadose-NP
1601008-CR	B31VM4 vial 169	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601008-CR	B31VM4 vial 169	Calcium	34300	ug/L	168	ICP-OES Vadose-NP
1601008-CR	B31VM4 vial 169	Cesium 133	6.09	ug/L	0.51	ICPMS-RCRA-NP
1601008-CR	B31VM4 vial 169	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CR	B31VM4 vial 169	Chromium 52	5.01	ug/L	1.38	ICPMS-RCRA-NP
1601008-CR	B31VM4 vial 169	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CR	B31VM4 vial 169	Magnesium	5970	ug/L	13.5	ICP-OES Vadose-NP
1601008-CR	B31VM4 vial 169	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1601008-CR	B31VM4 vial 169	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CR	B31VM4 vial 169	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CR	B31VM4 vial 169	Potassium	8480	ug/L	806	ICP-OES Vadose-NP
1601008-CR	B31VM4 vial 169	Silicon	7040	ug/L	274	ICP-OES Vadose-NP
1601008-CR	B31VM4 vial 169	Sodium	39200	ug/L	223	ICP-OES Vadose-NP
1601008-CR	B31VM4 vial 169	Strontium	173	ug/L	31.4	ICP-OES Vadose-NP
1601008-CR	B31VM4 vial 169	Sulfate	89.1	ug/mL	7.5	Anions by IC-NP
1601008-CR	B31VM4 vial 169	Sulfur	29300	ug/L	239	ICP-OES Vadose-NP
1601008-CS	B31VM4 vial 170	Bromide	38.5	ug/mL	5	Anions by IC-NP
1601008-CS	B31VM4 vial 170	Calcium	33100	ug/L	168	ICP-OES Vadose-NP
1601008-CS	B31VM4 vial 170	Cesium 133	2.53	ug/L	0.51	ICPMS-RCRA-NP
1601008-CS	B31VM4 vial 170	Chloride	4.45	ug/mL	2.5	Anions by IC-NP
1601008-CS	B31VM4 vial 170	Chromium 52	3.38	ug/L	1.38	ICPMS-RCRA-NP
1601008-CS	B31VM4 vial 170	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CS	B31VM4 vial 170	Magnesium	5960	ug/L	13.5	ICP-OES Vadose-NP
1601008-CS	B31VM4 vial 170	Nitrate	35	ug/mL	5	Anions by IC-NP
1601008-CS	B31VM4 vial 170	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CS	B31VM4 vial 170	pH	8.2	pH Units		pH-NP
1601008-CS	B31VM4 vial 170	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CS	B31VM4 vial 170	Potassium	11200	ug/L	806	ICP-OES Vadose-NP
1601008-CS	B31VM4 vial 170	Silicon	7000	ug/L	274	ICP-OES Vadose-NP
1601008-CS	B31VM4 vial 170	Sodium	36600	ug/L	223	ICP-OES Vadose-NP
1601008-CS	B31VM4 vial 170	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1601008-CS	B31VM4 vial 170	Sulfate	88.8	ug/mL	7.5	Anions by IC-NP
1601008-CS	B31VM4 vial 170	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1601008-CT	B31VM4 vial 171	Alkalinity as CaCO3	64	ug/mL	23.5	Alkalinity-NP
1601008-CT	B31VM4 vial 171	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601008-CT	B31VM4 vial 171	Calcium	32900	ug/L	168	ICP-OES Vadose-NP
1601008-CT	B31VM4 vial 171	Cesium 133	5.1	ug/L	0.51	ICPMS-RCRA-NP
1601008-CT	B31VM4 vial 171	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CT	B31VM4 vial 171	Chromium 52	4.23	ug/L	1.38	ICPMS-RCRA-NP
1601008-CT	B31VM4 vial 171	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CT	B31VM4 vial 171	Magnesium	6000	ug/L	13.5	ICP-OES Vadose-NP
1601008-CT	B31VM4 vial 171	Nitrate	35.4	ug/mL	5	Anions by IC-NP
1601008-CT	B31VM4 vial 171	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CT	B31VM4 vial 171	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-CT	B31VM4 vial 171	Potassium	8080	ug/L	806	ICP-OES Vadose-NP
1601008-CT	B31VM4 vial 171	Silicon	7120	ug/L	274	ICP-OES Vadose-NP
1601008-CT	B31VM4 vial 171	Sodium	36400	ug/L	223	ICP-OES Vadose-NP
1601008-CT	B31VM4 vial 171	Strontium	165	ug/L	31.4	ICP-OES Vadose-NP
1601008-CT	B31VM4 vial 171	Sulfate	89.9	ug/mL	7.5	Anions by IC-NP
1601008-CT	B31VM4 vial 171	Sulfur	30100	ug/L	239	ICP-OES Vadose-NP
1601008-CU	B31VM4 vial 172	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601008-CU	B31VM4 vial 172	Calcium	32700	ug/L	168	ICP-OES Vadose-NP
1601008-CU	B31VM4 vial 172	Cesium 133	6.43	ug/L	0.51	ICPMS-RCRA-NP
1601008-CU	B31VM4 vial 172	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CU	B31VM4 vial 172	Chromium 52	6.01	ug/L	1.38	ICPMS-RCRA-NP
1601008-CU	B31VM4 vial 172	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CU	B31VM4 vial 172	Magnesium	5980	ug/L	13.5	ICP-OES Vadose-NP
1601008-CU	B31VM4 vial 172	Nitrate	35.3	ug/mL	5	Anions by IC-NP
1601008-CU	B31VM4 vial 172	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CU	B31VM4 vial 172	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CU	B31VM4 vial 172	Potassium	8000	ug/L	806	ICP-OES Vadose-NP
1601008-CU	B31VM4 vial 172	Silicon	6960	ug/L	274	ICP-OES Vadose-NP
1601008-CU	B31VM4 vial 172	Sodium	36000	ug/L	223	ICP-OES Vadose-NP
1601008-CU	B31VM4 vial 172	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1601008-CU	B31VM4 vial 172	Sulfate	89.8	ug/mL	7.5	Anions by IC-NP
1601008-CU	B31VM4 vial 172	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601008-CV	B31VM4 vial 173	Bromide	38.8	ug/mL	5	Anions by IC-NP
1601008-CV	B31VM4 vial 173	Calcium	33100	ug/L	168	ICP-OES Vadose-NP
1601008-CV	B31VM4 vial 173	Cesium 133	1.53	ug/L	0.51	ICPMS-RCRA-NP
1601008-CV	B31VM4 vial 173	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CV	B31VM4 vial 173	Chromium 52	1.61	ug/L	1.38	ICPMS-RCRA-NP
1601008-CV	B31VM4 vial 173	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CV	B31VM4 vial 173	Magnesium	5970	ug/L	13.5	ICP-OES Vadose-NP
1601008-CV	B31VM4 vial 173	Nitrate	35.6	ug/mL	5	Anions by IC-NP
1601008-CV	B31VM4 vial 173	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CV	B31VM4 vial 173	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CV	B31VM4 vial 173	Potassium	7980	ug/L	806	ICP-OES Vadose-NP
1601008-CV	B31VM4 vial 173	Silicon	6850	ug/L	274	ICP-OES Vadose-NP
1601008-CV	B31VM4 vial 173	Sodium	36300	ug/L	223	ICP-OES Vadose-NP
1601008-CV	B31VM4 vial 173	Strontium	164	ug/L	31.4	ICP-OES Vadose-NP
1601008-CV	B31VM4 vial 173	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1601008-CV	B31VM4 vial 173	Sulfur	30100	ug/L	239	ICP-OES Vadose-NP
1601008-CW	B31VM4 vial 174	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601008-CW	B31VM4 vial 174	Calcium	32900	ug/L	168	ICP-OES Vadose-NP
1601008-CW	B31VM4 vial 174	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-CW	B31VM4 vial 174	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CW	B31VM4 vial 174	Chromium 52	2.47	ug/L	1.38	ICPMS-RCRA-NP
1601008-CW	B31VM4 vial 174	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CW	B31VM4 vial 174	Magnesium	5960	ug/L	13.5	ICP-OES Vadose-NP
1601008-CW	B31VM4 vial 174	Nitrate	35.4	ug/mL	5	Anions by IC-NP
1601008-CW	B31VM4 vial 174	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-CW	B31VM4 vial 174	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CW	B31VM4 vial 174	Potassium	7970	ug/L	806	ICP-OES Vadose-NP
1601008-CW	B31VM4 vial 174	Silicon	6900	ug/L	274	ICP-OES Vadose-NP
1601008-CW	B31VM4 vial 174	Sodium	36000	ug/L	223	ICP-OES Vadose-NP
1601008-CW	B31VM4 vial 174	Strontium	163	ug/L	31.4	ICP-OES Vadose-NP
1601008-CW	B31VM4 vial 174	Sulfate	89.8	ug/mL	7.5	Anions by IC-NP
1601008-CW	B31VM4 vial 174	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601008-CX	B31VM4 vial 175	Bromide	39	ug/mL	5	Anions by IC-NP
1601008-CX	B31VM4 vial 175	Calcium	33800	ug/L	168	ICP-OES Vadose-NP
1601008-CX	B31VM4 vial 175	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-CX	B31VM4 vial 175	Chloride	3.92	ug/mL	2.5	Anions by IC-NP
1601008-CX	B31VM4 vial 175	Chromium 52	7.91	ug/L	1.38	ICPMS-RCRA-NP
1601008-CX	B31VM4 vial 175	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CX	B31VM4 vial 175	Magnesium	5930	ug/L	13.5	ICP-OES Vadose-NP
1601008-CX	B31VM4 vial 175	Nitrate	35.5	ug/mL	5	Anions by IC-NP
1601008-CX	B31VM4 vial 175	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CX	B31VM4 vial 175	pH	8.1	pH Units		pH-NP
1601008-CX	B31VM4 vial 175	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CX	B31VM4 vial 175	Potassium	11200	ug/L	806	ICP-OES Vadose-NP
1601008-CX	B31VM4 vial 175	Silicon	6770	ug/L	274	ICP-OES Vadose-NP
1601008-CX	B31VM4 vial 175	Sodium	36900	ug/L	223	ICP-OES Vadose-NP
1601008-CX	B31VM4 vial 175	Strontium	169	ug/L	31.4	ICP-OES Vadose-NP
1601008-CX	B31VM4 vial 175	Sulfate	89.9	ug/mL	7.5	Anions by IC-NP
1601008-CX	B31VM4 vial 175	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601008-CZ	B31VM4 vial 177	Bromide	39	ug/mL	5	Anions by IC-NP
1601008-CZ	B31VM4 vial 177	Calcium	33800	ug/L	168	ICP-OES Vadose-NP
1601008-CZ	B31VM4 vial 177	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-CZ	B31VM4 vial 177	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-CZ	B31VM4 vial 177	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-CZ	B31VM4 vial 177	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-CZ	B31VM4 vial 177	Magnesium	5980	ug/L	13.5	ICP-OES Vadose-NP
1601008-CZ	B31VM4 vial 177	Nitrate	35.5	ug/mL	5	Anions by IC-NP
1601008-CZ	B31VM4 vial 177	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-CZ	B31VM4 vial 177	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-CZ	B31VM4 vial 177	Potassium	8060	ug/L	806	ICP-OES Vadose-NP
1601008-CZ	B31VM4 vial 177	Silicon	6630	ug/L	274	ICP-OES Vadose-NP
1601008-CZ	B31VM4 vial 177	Sodium	36500	ug/L	223	ICP-OES Vadose-NP
1601008-CZ	B31VM4 vial 177	Strontium	168	ug/L	31.4	ICP-OES Vadose-NP
1601008-CZ	B31VM4 vial 177	Sulfate	89.5	ug/mL	7.5	Anions by IC-NP
1601008-CZ	B31VM4 vial 177	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1601008-DC	B31VM4 vial 180	Alkalinity as CaCO3	61.1	ug/mL	23.5	Alkalinity-NP
1601008-DC	B31VM4 vial 180	Bromide	38.8	ug/mL	5	Anions by IC-NP
1601008-DC	B31VM4 vial 180	Calcium	33200	ug/L	168	ICP-OES Vadose-NP
1601008-DC	B31VM4 vial 180	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-DC	B31VM4 vial 180	Chloride	2.88	ug/mL	2.5	Anions by IC-NP
1601008-DC	B31VM4 vial 180	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-DC	B31VM4 vial 180	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-DC	B31VM4 vial 180	Magnesium	5990	ug/L	13.5	ICP-OES Vadose-NP
1601008-DC	B31VM4 vial 180	Nitrate	35.6	ug/mL	5	Anions by IC-NP
1601008-DC	B31VM4 vial 180	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-DC	B31VM4 vial 180	pH	8.14	pH Units		pH-NP
1601008-DC	B31VM4 vial 180	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-DC	B31VM4 vial 180	Potassium	9700	ug/L	806	ICP-OES Vadose-NP
1601008-DC	B31VM4 vial 180	Silicon	6700	ug/L	274	ICP-OES Vadose-NP
1601008-DC	B31VM4 vial 180	Sodium	35300	ug/L	223	ICP-OES Vadose-NP
1601008-DC	B31VM4 vial 180	Strontium	165	ug/L	31.4	ICP-OES Vadose-NP
1601008-DC	B31VM4 vial 180	Sulfate	89.3	ug/mL	7.5	Anions by IC-NP
1601008-DC	B31VM4 vial 180	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1601008-DH	B31VM4 vial 185	Bromide	39	ug/mL	5	Anions by IC-NP
1601008-DH	B31VM4 vial 185	Calcium	33100	ug/L	168	ICP-OES Vadose-NP
1601008-DH	B31VM4 vial 185	Cesium 133	2.1	ug/L	0.51	ICPMS-RCRA-NP
1601008-DH	B31VM4 vial 185	Chloride	2.65	ug/mL	2.5	Anions by IC-NP
1601008-DH	B31VM4 vial 185	Chromium 52	1.83	ug/L	1.38	ICPMS-RCRA-NP
1601008-DH	B31VM4 vial 185	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-DH	B31VM4 vial 185	Magnesium	6010	ug/L	13.5	ICP-OES Vadose-NP
1601008-DH	B31VM4 vial 185	Nitrate	36	ug/mL	5	Anions by IC-NP
1601008-DH	B31VM4 vial 185	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-DH	B31VM4 vial 185	pH	8.13	pH Units		pH-NP
1601008-DH	B31VM4 vial 185	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-DH	B31VM4 vial 185	Potassium	9530	ug/L	806	ICP-OES Vadose-NP
1601008-DH	B31VM4 vial 185	Silicon	6630	ug/L	274	ICP-OES Vadose-NP
1601008-DH	B31VM4 vial 185	Sodium	34800	ug/L	223	ICP-OES Vadose-NP
1601008-DH	B31VM4 vial 185	Strontium	165	ug/L	31.4	ICP-OES Vadose-NP
1601008-DH	B31VM4 vial 185	Sulfate	89.5	ug/mL	7.5	Anions by IC-NP
1601008-DH	B31VM4 vial 185	Sulfur	30100	ug/L	239	ICP-OES Vadose-NP
1601008-DM	B31VM4 vial 190	Alkalinity as CaCO3	61.4	ug/mL	23.5	Alkalinity-NP
1601008-DM	B31VM4 vial 190	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601008-DM	B31VM4 vial 190	Calcium	34200	ug/L	168	ICP-OES Vadose-NP
1601008-DM	B31VM4 vial 190	Cesium 133	82.3	ug/L	0.51	ICPMS-RCRA-NP
1601008-DM	B31VM4 vial 190	Chloride	5.02	ug/mL	2.5	Anions by IC-NP
1601008-DM	B31VM4 vial 190	Chromium 52	26.3	ug/L	1.38	ICPMS-RCRA-NP
1601008-DM	B31VM4 vial 190	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-DM	B31VM4 vial 190	Magnesium	5950	ug/L	13.5	ICP-OES Vadose-NP
1601008-DM	B31VM4 vial 190	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1601008-DM	B31VM4 vial 190	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-DM	B31VM4 vial 190	pH	8.17	pH Units		pH-NP
1601008-DM	B31VM4 vial 190	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-DM	B31VM4 vial 190	Potassium	12400	ug/L	806	ICP-OES Vadose-NP
1601008-DM	B31VM4 vial 190	Silicon	6970	ug/L	274	ICP-OES Vadose-NP
1601008-DM	B31VM4 vial 190	Sodium	35900	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-DM	B31VM4 vial 190	Strontium	190	ug/L	31.4	ICP-OES Vadose-NP
1601008-DM	B31VM4 vial 190	Sulfate	90.1	ug/mL	7.5	Anions by IC-NP
1601008-DM	B31VM4 vial 190	Sulfur	29600	ug/L	239	ICP-OES Vadose-NP
1601008-DR	B31VM4 vial 195	pH	8.16	pH Units		pH-NP
1601008-DW	B31VM4 vial 200	Alkalinity as CaCO3	56.5	ug/mL	23.5	Alkalinity-NP
1601008-DW	B31VM4 vial 200	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601008-DW	B31VM4 vial 200	Calcium	33400	ug/L	168	ICP-OES Vadose-NP
1601008-DW	B31VM4 vial 200	Cesium 133	25.5	ug/L	0.51	ICPMS-RCRA-NP
1601008-DW	B31VM4 vial 200	Chloride	2.75	ug/mL	2.5	Anions by IC-NP
1601008-DW	B31VM4 vial 200	Chromium 52	8.21	ug/L	1.38	ICPMS-RCRA-NP
1601008-DW	B31VM4 vial 200	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-DW	B31VM4 vial 200	Magnesium	6010	ug/L	13.5	ICP-OES Vadose-NP
1601008-DW	B31VM4 vial 200	Nitrate	36.2	ug/mL	5	Anions by IC-NP
1601008-DW	B31VM4 vial 200	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-DW	B31VM4 vial 200	pH	8.16	pH Units		pH-NP
1601008-DW	B31VM4 vial 200	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-DW	B31VM4 vial 200	Potassium	10000	ug/L	806	ICP-OES Vadose-NP
1601008-DW	B31VM4 vial 200	Silicon	6370	ug/L	274	ICP-OES Vadose-NP
1601008-DW	B31VM4 vial 200	Sodium	34800	ug/L	223	ICP-OES Vadose-NP
1601008-DW	B31VM4 vial 200	Strontium	174	ug/L	31.4	ICP-OES Vadose-NP
1601008-DW	B31VM4 vial 200	Sulfate	90.3	ug/mL	7.5	Anions by IC-NP
1601008-DW	B31VM4 vial 200	Sulfur	30100	ug/L	239	ICP-OES Vadose-NP
1601008-EB	B31VM4 vial 205	pH	8.18	pH Units		pH-NP
1601008-EG	B31VM4 vial 210	Alkalinity as CaCO3	55.9	ug/mL	23.5	Alkalinity-NP
1601008-EG	B31VM4 vial 210	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601008-EG	B31VM4 vial 210	Calcium	34200	ug/L	168	ICP-OES Vadose-NP
1601008-EG	B31VM4 vial 210	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-EG	B31VM4 vial 210	Chloride	2.98	ug/mL	2.5	Anions by IC-NP
1601008-EG	B31VM4 vial 210	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-EG	B31VM4 vial 210	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-EG	B31VM4 vial 210	Magnesium	5990	ug/L	13.5	ICP-OES Vadose-NP
1601008-EG	B31VM4 vial 210	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1601008-EG	B31VM4 vial 210	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-EG	B31VM4 vial 210	pH	8.16	pH Units		pH-NP
1601008-EG	B31VM4 vial 210	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-EG	B31VM4 vial 210	Potassium	10800	ug/L	806	ICP-OES Vadose-NP
1601008-EG	B31VM4 vial 210	Silicon	5970	ug/L	274	ICP-OES Vadose-NP
1601008-EG	B31VM4 vial 210	Sodium	35600	ug/L	223	ICP-OES Vadose-NP
1601008-EG	B31VM4 vial 210	Strontium	173	ug/L	31.4	ICP-OES Vadose-NP
1601008-EG	B31VM4 vial 210	Sulfate	90.4	ug/mL	7.5	Anions by IC-NP
1601008-EG	B31VM4 vial 210	Sulfur	30100	ug/L	239	ICP-OES Vadose-NP
1601008-EL	B31VM4 vial 215	pH	8.06	pH Units		pH-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-EQ	B31VM4 vial 220	Alkalinity as CaCO3	56.1	ug/mL	23.5	Alkalinity-NP
1601008-EQ	B31VM4 vial 220	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601008-EQ	B31VM4 vial 220	Calcium	33300	ug/L	168	ICP-OES Vadose-NP
1601008-EQ	B31VM4 vial 220	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-EQ	B31VM4 vial 220	Chloride	4.04	ug/mL	2.5	Anions by IC-NP
1601008-EQ	B31VM4 vial 220	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-EQ	B31VM4 vial 220	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-EQ	B31VM4 vial 220	Magnesium	6080	ug/L	13.5	ICP-OES Vadose-NP
1601008-EQ	B31VM4 vial 220	Nitrate	36.2	ug/mL	5	Anions by IC-NP
1601008-EQ	B31VM4 vial 220	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-EQ	B31VM4 vial 220	pH	8.14	pH Units		pH-NP
1601008-EQ	B31VM4 vial 220	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-EQ	B31VM4 vial 220	Potassium	11500	ug/L	806	ICP-OES Vadose-NP
1601008-EQ	B31VM4 vial 220	Silicon	5810	ug/L	274	ICP-OES Vadose-NP
1601008-EQ	B31VM4 vial 220	Sodium	34200	ug/L	223	ICP-OES Vadose-NP
1601008-EQ	B31VM4 vial 220	Strontium	166	ug/L	31.4	ICP-OES Vadose-NP
1601008-EQ	B31VM4 vial 220	Sulfate	90.3	ug/mL	7.5	Anions by IC-NP
1601008-EQ	B31VM4 vial 220	Sulfur	30500	ug/L	239	ICP-OES Vadose-NP
1601008-EV	B31VM4 vial 225	pH	8.17	pH Units		pH-NP
1601008-FA	B31VM4 vial 230	Alkalinity as CaCO3	57	ug/mL	23.5	Alkalinity-NP
1601008-FA	B31VM4 vial 230	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601008-FA	B31VM4 vial 230	Calcium	33000	ug/L	168	ICP-OES Vadose-NP
1601008-FA	B31VM4 vial 230	Cesium 133	4.44	ug/L	0.51	ICPMS-RCRA-NP
1601008-FA	B31VM4 vial 230	Chloride	3.89	ug/mL	2.5	Anions by IC-NP
1601008-FA	B31VM4 vial 230	Chromium 52	1.62	ug/L	1.38	ICPMS-RCRA-NP
1601008-FA	B31VM4 vial 230	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-FA	B31VM4 vial 230	Magnesium	6120	ug/L	13.5	ICP-OES Vadose-NP
1601008-FA	B31VM4 vial 230	Nitrate	38.5	ug/mL	5	Anions by IC-NP
1601008-FA	B31VM4 vial 230	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-FA	B31VM4 vial 230	pH	8.17	pH Units		pH-NP
1601008-FA	B31VM4 vial 230	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-FA	B31VM4 vial 230	Potassium	11500	ug/L	806	ICP-OES Vadose-NP
1601008-FA	B31VM4 vial 230	Silicon	5720	ug/L	274	ICP-OES Vadose-NP
1601008-FA	B31VM4 vial 230	Sodium	34000	ug/L	223	ICP-OES Vadose-NP
1601008-FA	B31VM4 vial 230	Strontium	167	ug/L	31.4	ICP-OES Vadose-NP
1601008-FA	B31VM4 vial 230	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1601008-FA	B31VM4 vial 230	Sulfur	30500	ug/L	239	ICP-OES Vadose-NP
1601008-FE	B31VM4 vial 234	Bromide	39	ug/mL	5	Anions by IC-NP
1601008-FE	B31VM4 vial 234	Calcium	32000	ug/L	168	ICP-OES Vadose-NP
1601008-FE	B31VM4 vial 234	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601008-FE	B31VM4 vial 234	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-FE	B31VM4 vial 234	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601008-FE	B31VM4 vial 234	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-FE	B31VM4 vial 234	Magnesium	5940	ug/L	13.5	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601008-FE	B31VM4 vial 234	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1601008-FE	B31VM4 vial 234	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-FE	B31VM4 vial 234	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-FE	B31VM4 vial 234	Potassium	8390	ug/L	806	ICP-OES Vadose-NP
1601008-FE	B31VM4 vial 234	Silicon	5430	ug/L	274	ICP-OES Vadose-NP
1601008-FE	B31VM4 vial 234	Sodium	32800	ug/L	223	ICP-OES Vadose-NP
1601008-FE	B31VM4 vial 234	Strontium	160	ug/L	31.4	ICP-OES Vadose-NP
1601008-FE	B31VM4 vial 234	Sulfate	89.8	ug/mL	7.5	Anions by IC-NP
1601008-FE	B31VM4 vial 234	Sulfur	29700	ug/L	239	ICP-OES Vadose-NP
1601008-FF	B31VM4 vial 235	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601008-FF	B31VM4 vial 235	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601008-FF	B31VM4 vial 235	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601008-FF	B31VM4 vial 235	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1601008-FF	B31VM4 vial 235	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601008-FF	B31VM4 vial 235	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601008-FF	B31VM4 vial 235	Sulfate	90.5	ug/mL	7.5	Anions by IC-NP
1601008-FG	B31VM4 vial 236	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601008-FH	B31VM4 vial 237	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601008-FI	B31VM4 vial 238	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601008-FJ	B31VM4 vial 239	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601008-FK	B31VM4 vial 240	Bromide	37.6	ug/mL	5	Anions by IC-NP
1601008-FL	B31VM4 vial 241	Bromide	34.7	ug/mL	5	Anions by IC-NP
1601008-FM	B31VM4 vial 242	Bromide	32	ug/mL	5	Anions by IC-NP
1601008-FN	B31VM4 vial 243	Bromide	29.5	ug/mL	5	Anions by IC-NP
1601008-FO	B31VM4 vial 244	Bromide	26.8	ug/mL	5	Anions by IC-NP
1601008-FP	B31VM4 vial 245	Bromide	24.7	ug/mL	5	Anions by IC-NP
1601008-FQ	B31VM4 vial 246	Bromide	22.4	ug/mL	5	Anions by IC-NP
1601008-FR	B31VM4 vial 247	Bromide	20.4	ug/mL	5	Anions by IC-NP
1601008-FS	B31VM4 vial 248	Bromide	18.8	ug/mL	5	Anions by IC-NP
1601008-FT	B31VM4 vial 249	Bromide	17.3	ug/mL	5	Anions by IC-NP
1601008-FU	B31VM4 vial 250	Bromide	16.2	ug/mL	5	Anions by IC-NP
1601008-FW	B31VM4 vial 252	Bromide	14	ug/mL	5	Anions by IC-NP
1601008-FY	B31VM4 vial 254	Bromide	12	ug/mL	5	Anions by IC-NP
1601008-GA	B31VM4 vial 256	Bromide	10.5	ug/mL	5	Anions by IC-NP
1601008-GC	B31VM4 vial 258	Bromide	9.22	ug/mL	5	Anions by IC-NP
1601008-GE	B31VM4 vial 260	Bromide	8	ug/mL	5	Anions by IC-NP
1601008-GJ	B31VM4 vial 265	Bromide	5.87	ug/mL	5	Anions by IC-NP
1601008-GO	B31VM4 vial 270	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-GT	B31VM4 vial 275	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-GY	B31VM4 vial 280	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-HD	B31VM4 vial 285	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-HI	B31VM4 vial 290	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-HN	B31VM4 vial 295	Bromide	ND	ug/mL	5	Anions by IC-NP
1601008-HR	B31VM4 vial 299	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-05	B31VR1 vial 5	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-05	B31VR1 vial 5	Calcium	34100	ug/L	168	ICP-OES Vadose-NP
1601045-05	B31VR1 vial 5	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-05	B31VR1 vial 5	Chloride	21	ug/mL	2.5	Anions by IC-NP
1601045-05	B31VR1 vial 5	Chromium 52	1.73	ug/L	1.38	ICPMS-RCRA-NP
1601045-05	B31VR1 vial 5	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-05	B31VR1 vial 5	Magnesium	7510	ug/L	13.5	ICP-OES Vadose-NP
1601045-05	B31VR1 vial 5	Nitrate	12.3	ug/mL	5	Anions by IC-NP
1601045-05	B31VR1 vial 5	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-05	B31VR1 vial 5	pH	8.29	pH Units		pH-NP
1601045-05	B31VR1 vial 5	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-05	B31VR1 vial 5	Potassium	11400	ug/L	806	ICP-OES Vadose-NP
1601045-05	B31VR1 vial 5	Silicon	6270	ug/L	274	ICP-OES Vadose-NP
1601045-05	B31VR1 vial 5	Sodium	32200	ug/L	223	ICP-OES Vadose-NP
1601045-05	B31VR1 vial 5	Strontium	213	ug/L	31.4	ICP-OES Vadose-NP
1601045-05	B31VR1 vial 5	Sulfate	75.3	ug/mL	7.5	Anions by IC-NP
1601045-05	B31VR1 vial 5	Sulfur	25800	ug/L	239	ICP-OES Vadose-NP
1601045-13	B31VR1 vial 13	Alkalinity as CaCO3	72.8	ug/mL	23.5	Alkalinity-NP
1601045-13	B31VR1 vial 13	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-13	B31VR1 vial 13	Calcium	32200	ug/L	168	ICP-OES Vadose-NP
1601045-13	B31VR1 vial 13	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-13	B31VR1 vial 13	Chloride	7.55	ug/mL	2.5	Anions by IC-NP
1601045-13	B31VR1 vial 13	Chromium 52	4.31	ug/L	1.38	ICPMS-RCRA-NP
1601045-13	B31VR1 vial 13	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-13	B31VR1 vial 13	Magnesium	6850	ug/L	13.5	ICP-OES Vadose-NP
1601045-13	B31VR1 vial 13	Nitrate	28.4	ug/mL	5	Anions by IC-NP
1601045-13	B31VR1 vial 13	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-13	B31VR1 vial 13	pH	8.25	pH Units		pH-NP
1601045-13	B31VR1 vial 13	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-13	B31VR1 vial 13	Potassium	10100	ug/L	806	ICP-OES Vadose-NP
1601045-13	B31VR1 vial 13	Silicon	5580	ug/L	274	ICP-OES Vadose-NP
1601045-13	B31VR1 vial 13	Sodium	32800	ug/L	223	ICP-OES Vadose-NP
1601045-13	B31VR1 vial 13	Strontium	203	ug/L	31.4	ICP-OES Vadose-NP
1601045-13	B31VR1 vial 13	Sulfate	83.2	ug/mL	7.5	Anions by IC-NP
1601045-13	B31VR1 vial 13	Sulfur	27900	ug/L	239	ICP-OES Vadose-NP
1601045-14	B31VR1 vial 14	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-14	B31VR1 vial 14	Calcium	31300	ug/L	168	ICP-OES Vadose-NP
1601045-14	B31VR1 vial 14	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-14	B31VR1 vial 14	Chloride	4.08	ug/mL	2.5	Anions by IC-NP
1601045-14	B31VR1 vial 14	Chromium 52	3.72	ug/L	1.38	ICPMS-RCRA-NP
1601045-14	B31VR1 vial 14	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-14	B31VR1 vial 14	Magnesium	6650	ug/L	13.5	ICP-OES Vadose-NP
1601045-14	B31VR1 vial 14	Nitrate	29.1	ug/mL	5	Anions by IC-NP
1601045-14	B31VR1 vial 14	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-14	B31VR1 vial 14	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-14	B31VR1 vial 14	Potassium	7380	ug/L	806	ICP-OES Vadose-NP
1601045-14	B31VR1 vial 14	Silicon	5340	ug/L	274	ICP-OES Vadose-NP
1601045-14	B31VR1 vial 14	Sodium	32500	ug/L	223	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-14	B31VR1 vial 14	Strontium	198	ug/L	31.4	ICP-OES Vadose-NP
1601045-14	B31VR1 vial 14	Sulfate	82.4	ug/mL	7.5	Anions by IC-NP
1601045-14	B31VR1 vial 14	Sulfur	27700	ug/L	239	ICP-OES Vadose-NP
1601045-15	B31VR1 vial 15	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-15	B31VR1 vial 15	Calcium	30500	ug/L	168	ICP-OES Vadose-NP
1601045-15	B31VR1 vial 15	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-15	B31VR1 vial 15	Chloride	5.57	ug/mL	2.5	Anions by IC-NP
1601045-15	B31VR1 vial 15	Chromium 52	1.43	ug/L	1.38	ICPMS-RCRA-NP
1601045-15	B31VR1 vial 15	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-15	B31VR1 vial 15	Magnesium	6460	ug/L	13.5	ICP-OES Vadose-NP
1601045-15	B31VR1 vial 15	Nitrate	28.9	ug/mL	5	Anions by IC-NP
1601045-15	B31VR1 vial 15	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-15	B31VR1 vial 15	pH	8.22	pH Units		pH-NP
1601045-15	B31VR1 vial 15	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-15	B31VR1 vial 15	Potassium	9820	ug/L	806	ICP-OES Vadose-NP
1601045-15	B31VR1 vial 15	Silicon	5010	ug/L	274	ICP-OES Vadose-NP
1601045-15	B31VR1 vial 15	Sodium	32200	ug/L	223	ICP-OES Vadose-NP
1601045-15	B31VR1 vial 15	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1601045-15	B31VR1 vial 15	Sulfate	79.4	ug/mL	7.5	Anions by IC-NP
1601045-15	B31VR1 vial 15	Sulfur	27700	ug/L	239	ICP-OES Vadose-NP
1601045-16	B31VR1 vial 16	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-16	B31VR1 vial 16	Calcium	30400	ug/L	168	ICP-OES Vadose-NP
1601045-16	B31VR1 vial 16	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-16	B31VR1 vial 16	Chloride	2.86	ug/mL	2.5	Anions by IC-NP
1601045-16	B31VR1 vial 16	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-16	B31VR1 vial 16	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-16	B31VR1 vial 16	Magnesium	6450	ug/L	13.5	ICP-OES Vadose-NP
1601045-16	B31VR1 vial 16	Nitrate	30.7	ug/mL	5	Anions by IC-NP
1601045-16	B31VR1 vial 16	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-16	B31VR1 vial 16	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-16	B31VR1 vial 16	Potassium	7280	ug/L	806	ICP-OES Vadose-NP
1601045-16	B31VR1 vial 16	Silicon	4880	ug/L	274	ICP-OES Vadose-NP
1601045-16	B31VR1 vial 16	Sodium	32400	ug/L	223	ICP-OES Vadose-NP
1601045-16	B31VR1 vial 16	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1601045-16	B31VR1 vial 16	Sulfate	82.8	ug/mL	7.5	Anions by IC-NP
1601045-16	B31VR1 vial 16	Sulfur	28500	ug/L	239	ICP-OES Vadose-NP
1601045-17	B31VR1 vial 17	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-17	B31VR1 vial 17	Calcium	30500	ug/L	168	ICP-OES Vadose-NP
1601045-17	B31VR1 vial 17	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-17	B31VR1 vial 17	Chloride	2.59	ug/mL	2.5	Anions by IC-NP
1601045-17	B31VR1 vial 17	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-17	B31VR1 vial 17	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-17	B31VR1 vial 17	Magnesium	6440	ug/L	13.5	ICP-OES Vadose-NP
1601045-17	B31VR1 vial 17	Nitrate	31.2	ug/mL	5	Anions by IC-NP
1601045-17	B31VR1 vial 17	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-17	B31VR1 vial 17	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-17	B31VR1 vial 17	Potassium	7440	ug/L	806	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-17	B31VR1 vial 17	Silicon	4720	ug/L	274	ICP-OES Vadose-NP
1601045-17	B31VR1 vial 17	Sodium	32600	ug/L	223	ICP-OES Vadose-NP
1601045-17	B31VR1 vial 17	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1601045-17	B31VR1 vial 17	Sulfate	83.6	ug/mL	7.5	Anions by IC-NP
1601045-17	B31VR1 vial 17	Sulfur	28100	ug/L	239	ICP-OES Vadose-NP
1601045-18	B31VR1 vial 18	Bromide	5.76	ug/mL	5	Anions by IC-NP
1601045-18	B31VR1 vial 18	Calcium	30400	ug/L	168	ICP-OES Vadose-NP
1601045-18	B31VR1 vial 18	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-18	B31VR1 vial 18	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-18	B31VR1 vial 18	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-18	B31VR1 vial 18	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-18	B31VR1 vial 18	Magnesium	6580	ug/L	13.5	ICP-OES Vadose-NP
1601045-18	B31VR1 vial 18	Nitrate	31.8	ug/mL	5	Anions by IC-NP
1601045-18	B31VR1 vial 18	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-18	B31VR1 vial 18	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-18	B31VR1 vial 18	Potassium	7130	ug/L	806	ICP-OES Vadose-NP
1601045-18	B31VR1 vial 18	Silicon	4600	ug/L	274	ICP-OES Vadose-NP
1601045-18	B31VR1 vial 18	Sodium	32500	ug/L	223	ICP-OES Vadose-NP
1601045-18	B31VR1 vial 18	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1601045-18	B31VR1 vial 18	Sulfate	84	ug/mL	7.5	Anions by IC-NP
1601045-18	B31VR1 vial 18	Sulfur	29100	ug/L	239	ICP-OES Vadose-NP
1601045-19	B31VR1 vial 19	Bromide	8.72	ug/mL	5	Anions by IC-NP
1601045-19	B31VR1 vial 19	Calcium	31100	ug/L	168	ICP-OES Vadose-NP
1601045-19	B31VR1 vial 19	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-19	B31VR1 vial 19	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-19	B31VR1 vial 19	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-19	B31VR1 vial 19	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-19	B31VR1 vial 19	Magnesium	6540	ug/L	13.5	ICP-OES Vadose-NP
1601045-19	B31VR1 vial 19	Nitrate	32.1	ug/mL	5	Anions by IC-NP
1601045-19	B31VR1 vial 19	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-19	B31VR1 vial 19	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-19	B31VR1 vial 19	Potassium	7450	ug/L	806	ICP-OES Vadose-NP
1601045-19	B31VR1 vial 19	Silicon	4490	ug/L	274	ICP-OES Vadose-NP
1601045-19	B31VR1 vial 19	Sodium	33300	ug/L	223	ICP-OES Vadose-NP
1601045-19	B31VR1 vial 19	Strontium	199	ug/L	31.4	ICP-OES Vadose-NP
1601045-19	B31VR1 vial 19	Sulfate	83.6	ug/mL	7.5	Anions by IC-NP
1601045-19	B31VR1 vial 19	Sulfur	28900	ug/L	239	ICP-OES Vadose-NP
1601045-20	B31VR1 vial 20	Alkalinity as CaCO3	62.8	ug/mL	23.5	Alkalinity-NP
1601045-20	B31VR1 vial 20	Bromide	11.9	ug/mL	5	Anions by IC-NP
1601045-20	B31VR1 vial 20	Calcium	31900	ug/L	168	ICP-OES Vadose-NP
1601045-20	B31VR1 vial 20	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-20	B31VR1 vial 20	Chloride	5.36	ug/mL	2.5	Anions by IC-NP
1601045-20	B31VR1 vial 20	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-20	B31VR1 vial 20	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-20	B31VR1 vial 20	Magnesium	6730	ug/L	13.5	ICP-OES Vadose-NP
1601045-20	B31VR1 vial 20	Nitrate	33.1	ug/mL	5	Anions by IC-NP
1601045-20	B31VR1 vial 20	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-20	B31VR1 vial 20	pH	8.23	pH Units		pH-NP
1601045-20	B31VR1 vial 20	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-20	B31VR1 vial 20	Potassium	10900	ug/L	806	ICP-OES Vadose-NP
1601045-20	B31VR1 vial 20	Silicon	4450	ug/L	274	ICP-OES Vadose-NP
1601045-20	B31VR1 vial 20	Sodium	33800	ug/L	223	ICP-OES Vadose-NP
1601045-20	B31VR1 vial 20	Strontium	203	ug/L	31.4	ICP-OES Vadose-NP
1601045-20	B31VR1 vial 20	Sulfate	85.1	ug/mL	7.5	Anions by IC-NP
1601045-20	B31VR1 vial 20	Sulfur	29400	ug/L	239	ICP-OES Vadose-NP
1601045-21	B31VR1 vial 21	Bromide	14.8	ug/mL	5	Anions by IC-NP
1601045-21	B31VR1 vial 21	Calcium	31800	ug/L	168	ICP-OES Vadose-NP
1601045-21	B31VR1 vial 21	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-21	B31VR1 vial 21	Chloride	30.5	ug/mL	2.5	Anions by IC-NP
1601045-21	B31VR1 vial 21	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-21	B31VR1 vial 21	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-21	B31VR1 vial 21	Magnesium	7420	ug/L	13.5	ICP-OES Vadose-NP
1601045-21	B31VR1 vial 21	Nitrate	33.3	ug/mL	5	Anions by IC-NP
1601045-21	B31VR1 vial 21	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-21	B31VR1 vial 21	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-21	B31VR1 vial 21	Potassium	7600	ug/L	806	ICP-OES Vadose-NP
1601045-21	B31VR1 vial 21	Silicon	4980	ug/L	274	ICP-OES Vadose-NP
1601045-21	B31VR1 vial 21	Sodium	52800	ug/L	223	ICP-OES Vadose-NP
1601045-21	B31VR1 vial 21	Strontium	207	ug/L	31.4	ICP-OES Vadose-NP
1601045-21	B31VR1 vial 21	Sulfate	85	ug/mL	7.5	Anions by IC-NP
1601045-21	B31VR1 vial 21	Sulfur	29100	ug/L	239	ICP-OES Vadose-NP
1601045-22	B31VR1 vial 22	Bromide	17.4	ug/mL	5	Anions by IC-NP
1601045-22	B31VR1 vial 22	Calcium	32700	ug/L	168	ICP-OES Vadose-NP
1601045-22	B31VR1 vial 22	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-22	B31VR1 vial 22	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-22	B31VR1 vial 22	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-22	B31VR1 vial 22	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-22	B31VR1 vial 22	Magnesium	6890	ug/L	13.5	ICP-OES Vadose-NP
1601045-22	B31VR1 vial 22	Nitrate	33.5	ug/mL	5	Anions by IC-NP
1601045-22	B31VR1 vial 22	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-22	B31VR1 vial 22	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-22	B31VR1 vial 22	Potassium	7750	ug/L	806	ICP-OES Vadose-NP
1601045-22	B31VR1 vial 22	Silicon	4280	ug/L	274	ICP-OES Vadose-NP
1601045-22	B31VR1 vial 22	Sodium	34300	ug/L	223	ICP-OES Vadose-NP
1601045-22	B31VR1 vial 22	Strontium	210	ug/L	31.4	ICP-OES Vadose-NP
1601045-22	B31VR1 vial 22	Sulfate	84.4	ug/mL	7.5	Anions by IC-NP
1601045-22	B31VR1 vial 22	Sulfur	31000	ug/L	239	ICP-OES Vadose-NP
1601045-23	B31VR1 vial 23	Bromide	20.1	ug/mL	5	Anions by IC-NP
1601045-23	B31VR1 vial 23	Calcium	32800	ug/L	168	ICP-OES Vadose-NP
1601045-23	B31VR1 vial 23	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-23	B31VR1 vial 23	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-23	B31VR1 vial 23	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-23	B31VR1 vial 23	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-23	B31VR1 vial 23	Magnesium	6960	ug/L	13.5	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-23	B31VR1 vial 23	Nitrate	34.1	ug/mL	5	Anions by IC-NP
1601045-23	B31VR1 vial 23	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-23	B31VR1 vial 23	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-23	B31VR1 vial 23	Potassium	7740	ug/L	806	ICP-OES Vadose-NP
1601045-23	B31VR1 vial 23	Silicon	4260	ug/L	274	ICP-OES Vadose-NP
1601045-23	B31VR1 vial 23	Sodium	34500	ug/L	223	ICP-OES Vadose-NP
1601045-23	B31VR1 vial 23	Strontium	211	ug/L	31.4	ICP-OES Vadose-NP
1601045-23	B31VR1 vial 23	Sulfate	85.4	ug/mL	7.5	Anions by IC-NP
1601045-23	B31VR1 vial 23	Sulfur	31400	ug/L	239	ICP-OES Vadose-NP
1601045-24	B31VR1 vial 24	Bromide	22.2	ug/mL	5	Anions by IC-NP
1601045-24	B31VR1 vial 24	Calcium	33000	ug/L	168	ICP-OES Vadose-NP
1601045-24	B31VR1 vial 24	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-24	B31VR1 vial 24	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-24	B31VR1 vial 24	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-24	B31VR1 vial 24	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-24	B31VR1 vial 24	Magnesium	7010	ug/L	13.5	ICP-OES Vadose-NP
1601045-24	B31VR1 vial 24	Nitrate	34.3	ug/mL	5	Anions by IC-NP
1601045-24	B31VR1 vial 24	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-24	B31VR1 vial 24	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-24	B31VR1 vial 24	Potassium	7860	ug/L	806	ICP-OES Vadose-NP
1601045-24	B31VR1 vial 24	Silicon	4190	ug/L	274	ICP-OES Vadose-NP
1601045-24	B31VR1 vial 24	Sodium	34500	ug/L	223	ICP-OES Vadose-NP
1601045-24	B31VR1 vial 24	Strontium	213	ug/L	31.4	ICP-OES Vadose-NP
1601045-24	B31VR1 vial 24	Sulfate	85.2	ug/mL	7.5	Anions by IC-NP
1601045-24	B31VR1 vial 24	Sulfur	31900	ug/L	239	ICP-OES Vadose-NP
1601045-25	B31VR1 vial 25	Bromide	24.4	ug/mL	5	Anions by IC-NP
1601045-25	B31VR1 vial 25	Calcium	32300	ug/L	168	ICP-OES Vadose-NP
1601045-25	B31VR1 vial 25	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-25	B31VR1 vial 25	Chloride	5.49	ug/mL	2.5	Anions by IC-NP
1601045-25	B31VR1 vial 25	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-25	B31VR1 vial 25	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-25	B31VR1 vial 25	Magnesium	6940	ug/L	13.5	ICP-OES Vadose-NP
1601045-25	B31VR1 vial 25	Nitrate	34.6	ug/mL	5	Anions by IC-NP
1601045-25	B31VR1 vial 25	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-25	B31VR1 vial 25	pH	8.17	pH Units		pH-NP
1601045-25	B31VR1 vial 25	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-25	B31VR1 vial 25	Potassium	11300	ug/L	806	ICP-OES Vadose-NP
1601045-25	B31VR1 vial 25	Silicon	4010	ug/L	274	ICP-OES Vadose-NP
1601045-25	B31VR1 vial 25	Sodium	33600	ug/L	223	ICP-OES Vadose-NP
1601045-25	B31VR1 vial 25	Strontium	207	ug/L	31.4	ICP-OES Vadose-NP
1601045-25	B31VR1 vial 25	Sulfate	85.8	ug/mL	7.5	Anions by IC-NP
1601045-25	B31VR1 vial 25	Sulfur	31100	ug/L	239	ICP-OES Vadose-NP
1601045-27	B31VR1 vial 27	Bromide	27.8	ug/mL	5	Anions by IC-NP
1601045-27	B31VR1 vial 27	Calcium	32900	ug/L	168	ICP-OES Vadose-NP
1601045-27	B31VR1 vial 27	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-27	B31VR1 vial 27	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-27	B31VR1 vial 27	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-27	B31VR1 vial 27	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-27	B31VR1 vial 27	Magnesium	7000	ug/L	13.5	ICP-OES Vadose-NP
1601045-27	B31VR1 vial 27	Nitrate	35.2	ug/mL	5	Anions by IC-NP
1601045-27	B31VR1 vial 27	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-27	B31VR1 vial 27	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-27	B31VR1 vial 27	Potassium	7780	ug/L	806	ICP-OES Vadose-NP
1601045-27	B31VR1 vial 27	Silicon	3950	ug/L	274	ICP-OES Vadose-NP
1601045-27	B31VR1 vial 27	Sodium	34200	ug/L	223	ICP-OES Vadose-NP
1601045-27	B31VR1 vial 27	Strontium	212	ug/L	31.4	ICP-OES Vadose-NP
1601045-27	B31VR1 vial 27	Sulfate	86.4	ug/mL	7.5	Anions by IC-NP
1601045-27	B31VR1 vial 27	Sulfur	31900	ug/L	239	ICP-OES Vadose-NP
1601045-30	B31VR1 vial 30	Bromide	31.2	ug/mL	5	Anions by IC-NP
1601045-30	B31VR1 vial 30	Calcium	33400	ug/L	168	ICP-OES Vadose-NP
1601045-30	B31VR1 vial 30	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-30	B31VR1 vial 30	Chloride	5.6	ug/mL	2.5	Anions by IC-NP
1601045-30	B31VR1 vial 30	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-30	B31VR1 vial 30	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-30	B31VR1 vial 30	Magnesium	7040	ug/L	13.5	ICP-OES Vadose-NP
1601045-30	B31VR1 vial 30	Nitrate	35.6	ug/mL	5	Anions by IC-NP
1601045-30	B31VR1 vial 30	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-30	B31VR1 vial 30	pH	8.19	pH Units		pH-NP
1601045-30	B31VR1 vial 30	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-30	B31VR1 vial 30	Potassium	12100	ug/L	806	ICP-OES Vadose-NP
1601045-30	B31VR1 vial 30	Silicon	3740	ug/L	274	ICP-OES Vadose-NP
1601045-30	B31VR1 vial 30	Sodium	34600	ug/L	223	ICP-OES Vadose-NP
1601045-30	B31VR1 vial 30	Strontium	216	ug/L	31.4	ICP-OES Vadose-NP
1601045-30	B31VR1 vial 30	Sulfate	86.4	ug/mL	7.5	Anions by IC-NP
1601045-30	B31VR1 vial 30	Sulfur	31900	ug/L	239	ICP-OES Vadose-NP
1601045-32	B31VR1 vial 32	Alkalinity as CaCO3	59	ug/mL	23.5	Alkalinity-NP
1601045-32	B31VR1 vial 32	Bromide	33.2	ug/mL	5	Anions by IC-NP
1601045-32	B31VR1 vial 32	Calcium	34200	ug/L	168	ICP-OES Vadose-NP
1601045-32	B31VR1 vial 32	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-32	B31VR1 vial 32	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-32	B31VR1 vial 32	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-32	B31VR1 vial 32	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-32	B31VR1 vial 32	Magnesium	7260	ug/L	13.5	ICP-OES Vadose-NP
1601045-32	B31VR1 vial 32	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1601045-32	B31VR1 vial 32	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-32	B31VR1 vial 32	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-32	B31VR1 vial 32	Potassium	8160	ug/L	806	ICP-OES Vadose-NP
1601045-32	B31VR1 vial 32	Silicon	3760	ug/L	274	ICP-OES Vadose-NP
1601045-32	B31VR1 vial 32	Sodium	35200	ug/L	223	ICP-OES Vadose-NP
1601045-32	B31VR1 vial 32	Strontium	220	ug/L	31.4	ICP-OES Vadose-NP
1601045-32	B31VR1 vial 32	Sulfate	87.1	ug/mL	7.5	Anions by IC-NP
1601045-32	B31VR1 vial 32	Sulfur	32400	ug/L	239	ICP-OES Vadose-NP
1601045-35	B31VR1 vial 35	Bromide	35	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-35	B31VR1 vial 35	Calcium	33800	ug/L	168	ICP-OES Vadose-NP
1601045-35	B31VR1 vial 35	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-35	B31VR1 vial 35	Chloride	4.2	ug/mL	2.5	Anions by IC-NP
1601045-35	B31VR1 vial 35	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-35	B31VR1 vial 35	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-35	B31VR1 vial 35	Magnesium	7150	ug/L	13.5	ICP-OES Vadose-NP
1601045-35	B31VR1 vial 35	Nitrate	36.3	ug/mL	5	Anions by IC-NP
1601045-35	B31VR1 vial 35	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-35	B31VR1 vial 35	pH	8.18	pH Units		pH-NP
1601045-35	B31VR1 vial 35	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-35	B31VR1 vial 35	Potassium	10900	ug/L	806	ICP-OES Vadose-NP
1601045-35	B31VR1 vial 35	Silicon	3570	ug/L	274	ICP-OES Vadose-NP
1601045-35	B31VR1 vial 35	Sodium	34800	ug/L	223	ICP-OES Vadose-NP
1601045-35	B31VR1 vial 35	Strontium	218	ug/L	31.4	ICP-OES Vadose-NP
1601045-35	B31VR1 vial 35	Sulfate	87.4	ug/mL	7.5	Anions by IC-NP
1601045-35	B31VR1 vial 35	Sulfur	32400	ug/L	239	ICP-OES Vadose-NP
1601045-40	B31VR1 vial 40	Alkalinity as CaCO3	56.8	ug/mL	23.5	Alkalinity-NP
1601045-40	B31VR1 vial 40	Bromide	36.7	ug/mL	5	Anions by IC-NP
1601045-40	B31VR1 vial 40	Calcium	33800	ug/L	168	ICP-OES Vadose-NP
1601045-40	B31VR1 vial 40	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-40	B31VR1 vial 40	Chloride	4.61	ug/mL	2.5	Anions by IC-NP
1601045-40	B31VR1 vial 40	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-40	B31VR1 vial 40	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-40	B31VR1 vial 40	Magnesium	7180	ug/L	13.5	ICP-OES Vadose-NP
1601045-40	B31VR1 vial 40	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1601045-40	B31VR1 vial 40	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-40	B31VR1 vial 40	pH	8.17	pH Units		pH-NP
1601045-40	B31VR1 vial 40	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-40	B31VR1 vial 40	Potassium	11700	ug/L	806	ICP-OES Vadose-NP
1601045-40	B31VR1 vial 40	Silicon	3380	ug/L	274	ICP-OES Vadose-NP
1601045-40	B31VR1 vial 40	Sodium	34900	ug/L	223	ICP-OES Vadose-NP
1601045-40	B31VR1 vial 40	Strontium	221	ug/L	31.4	ICP-OES Vadose-NP
1601045-40	B31VR1 vial 40	Sulfate	87.3	ug/mL	7.5	Anions by IC-NP
1601045-40	B31VR1 vial 40	Sulfur	32500	ug/L	239	ICP-OES Vadose-NP
1601045-45	B31VR1 vial 45	Bromide	37.6	ug/mL	5	Anions by IC-NP
1601045-45	B31VR1 vial 45	Calcium	34200	ug/L	168	ICP-OES Vadose-NP
1601045-45	B31VR1 vial 45	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-45	B31VR1 vial 45	Chloride	4.86	ug/mL	2.5	Anions by IC-NP
1601045-45	B31VR1 vial 45	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-45	B31VR1 vial 45	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-45	B31VR1 vial 45	Magnesium	7170	ug/L	13.5	ICP-OES Vadose-NP
1601045-45	B31VR1 vial 45	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1601045-45	B31VR1 vial 45	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-45	B31VR1 vial 45	pH	8.17	pH Units		pH-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-45	B31VR1 vial 45	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-45	B31VR1 vial 45	Potassium	12100	ug/L	806	ICP-OES Vadose-NP
1601045-45	B31VR1 vial 45	Silicon	3230	ug/L	274	ICP-OES Vadose-NP
1601045-45	B31VR1 vial 45	Sodium	34900	ug/L	223	ICP-OES Vadose-NP
1601045-45	B31VR1 vial 45	Strontium	223	ug/L	31.4	ICP-OES Vadose-NP
1601045-45	B31VR1 vial 45	Sulfate	87.1	ug/mL	7.5	Anions by IC-NP
1601045-45	B31VR1 vial 45	Sulfur	33100	ug/L	239	ICP-OES Vadose-NP
1601045-50	B31VR1 vial 50	Alkalinity as CaCO3	56.8	ug/mL	23.5	Alkalinity-NP
1601045-50	B31VR1 vial 50	Bromide	38.6	ug/mL	5	Anions by IC-NP
1601045-50	B31VR1 vial 50	Calcium	34400	ug/L	168	ICP-OES Vadose-NP
1601045-50	B31VR1 vial 50	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-50	B31VR1 vial 50	Chloride	3.88	ug/mL	2.5	Anions by IC-NP
1601045-50	B31VR1 vial 50	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-50	B31VR1 vial 50	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-50	B31VR1 vial 50	Magnesium	7340	ug/L	13.5	ICP-OES Vadose-NP
1601045-50	B31VR1 vial 50	Nitrate	37.1	ug/mL	5	Anions by IC-NP
1601045-50	B31VR1 vial 50	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-50	B31VR1 vial 50	pH	8.18	pH Units		pH-NP
1601045-50	B31VR1 vial 50	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-50	B31VR1 vial 50	Potassium	11400	ug/L	806	ICP-OES Vadose-NP
1601045-50	B31VR1 vial 50	Silicon	3150	ug/L	274	ICP-OES Vadose-NP
1601045-50	B31VR1 vial 50	Sodium	35500	ug/L	223	ICP-OES Vadose-NP
1601045-50	B31VR1 vial 50	Strontium	226	ug/L	31.4	ICP-OES Vadose-NP
1601045-50	B31VR1 vial 50	Sulfate	88	ug/mL	7.5	Anions by IC-NP
1601045-50	B31VR1 vial 50	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601045-55	B31VR1 vial 55	pH	8.12	pH Units		pH-NP
1601045-60	B31VR1 vial 60	Alkalinity as CaCO3	59.6	ug/mL	23.5	Alkalinity-NP
1601045-60	B31VR1 vial 60	Bromide	39	ug/mL	5	Anions by IC-NP
1601045-60	B31VR1 vial 60	Calcium	33300	ug/L	168	ICP-OES Vadose-NP
1601045-60	B31VR1 vial 60	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-60	B31VR1 vial 60	Chloride	4.61	ug/mL	2.5	Anions by IC-NP
1601045-60	B31VR1 vial 60	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-60	B31VR1 vial 60	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-60	B31VR1 vial 60	Magnesium	7170	ug/L	13.5	ICP-OES Vadose-NP
1601045-60	B31VR1 vial 60	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-60	B31VR1 vial 60	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-60	B31VR1 vial 60	pH	8.15	pH Units		pH-NP
1601045-60	B31VR1 vial 60	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-60	B31VR1 vial 60	Potassium	12100	ug/L	806	ICP-OES Vadose-NP
1601045-60	B31VR1 vial 60	Silicon	2870	ug/L	274	ICP-OES Vadose-NP
1601045-60	B31VR1 vial 60	Sodium	34600	ug/L	223	ICP-OES Vadose-NP
1601045-60	B31VR1 vial 60	Strontium	220	ug/L	31.4	ICP-OES Vadose-NP
1601045-60	B31VR1 vial 60	Sulfate	88.1	ug/mL	7.5	Anions by IC-NP
1601045-60	B31VR1 vial 60	Sulfur	33700	ug/L	239	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-65	B31VR1 vial 65	pH	8.16	pH Units		pH-NP
1601045-70	B31VR1 vial 70	Alkalinity as CaCO3	57.9	ug/mL	23.5	Alkalinity-NP
1601045-70	B31VR1 vial 70	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601045-70	B31VR1 vial 70	Calcium	33600	ug/L	168	ICP-OES Vadose-NP
1601045-70	B31VR1 vial 70	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-70	B31VR1 vial 70	Chloride	5.08	ug/mL	2.5	Anions by IC-NP
1601045-70	B31VR1 vial 70	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-70	B31VR1 vial 70	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-70	B31VR1 vial 70	Magnesium	7300	ug/L	13.5	ICP-OES Vadose-NP
1601045-70	B31VR1 vial 70	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-70	B31VR1 vial 70	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-70	B31VR1 vial 70	pH	8.18	pH Units		pH-NP
1601045-70	B31VR1 vial 70	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-70	B31VR1 vial 70	Potassium	13300	ug/L	806	ICP-OES Vadose-NP
1601045-70	B31VR1 vial 70	Silicon	2720	ug/L	274	ICP-OES Vadose-NP
1601045-70	B31VR1 vial 70	Sodium	35100	ug/L	223	ICP-OES Vadose-NP
1601045-70	B31VR1 vial 70	Strontium	223	ug/L	31.4	ICP-OES Vadose-NP
1601045-70	B31VR1 vial 70	Sulfate	87.6	ug/mL	7.5	Anions by IC-NP
1601045-70	B31VR1 vial 70	Sulfur	33300	ug/L	239	ICP-OES Vadose-NP
1601045-75	B31VR1 vial 75	pH	8.14	pH Units		pH-NP
1601045-80	B31VR1 vial 80	Alkalinity as CaCO3	57.7	ug/mL	23.5	Alkalinity-NP
1601045-80	B31VR1 vial 80	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601045-80	B31VR1 vial 80	Calcium	32800	ug/L	168	ICP-OES Vadose-NP
1601045-80	B31VR1 vial 80	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-80	B31VR1 vial 80	Chloride	4.7	ug/mL	2.5	Anions by IC-NP
1601045-80	B31VR1 vial 80	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-80	B31VR1 vial 80	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-80	B31VR1 vial 80	Magnesium	7280	ug/L	13.5	ICP-OES Vadose-NP
1601045-80	B31VR1 vial 80	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-80	B31VR1 vial 80	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-80	B31VR1 vial 80	pH	8.16	pH Units		pH-NP
1601045-80	B31VR1 vial 80	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-80	B31VR1 vial 80	Potassium	13000	ug/L	806	ICP-OES Vadose-NP
1601045-80	B31VR1 vial 80	Silicon	2560	ug/L	274	ICP-OES Vadose-NP
1601045-80	B31VR1 vial 80	Sodium	34700	ug/L	223	ICP-OES Vadose-NP
1601045-80	B31VR1 vial 80	Strontium	219	ug/L	31.4	ICP-OES Vadose-NP
1601045-80	B31VR1 vial 80	Sulfate	87.8	ug/mL	7.5	Anions by IC-NP
1601045-80	B31VR1 vial 80	Sulfur	33400	ug/L	239	ICP-OES Vadose-NP
1601045-90	B31VR1 vial 90	Alkalinity as CaCO3	57.4	ug/mL	23.5	Alkalinity-NP
1601045-90	B31VR1 vial 90	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-90	B31VR1 vial 90	Calcium	32900	ug/L	168	ICP-OES Vadose-NP
1601045-90	B31VR1 vial 90	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-90	B31VR1 vial 90	Chloride	5.1	ug/mL	2.5	Anions by IC-NP
1601045-90	B31VR1 vial 90	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-90	B31VR1 vial 90	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-90	B31VR1 vial 90	Magnesium	7350	ug/L	13.5	ICP-OES Vadose-NP
1601045-90	B31VR1 vial 90	Nitrate	37.1	ug/mL	5	Anions by IC-NP
1601045-90	B31VR1 vial 90	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-90	B31VR1 vial 90	pH	8.14	pH Units		pH-NP
1601045-90	B31VR1 vial 90	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-90	B31VR1 vial 90	Potassium	14000	ug/L	806	ICP-OES Vadose-NP
1601045-90	B31VR1 vial 90	Silicon	2510	ug/L	274	ICP-OES Vadose-NP
1601045-90	B31VR1 vial 90	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1601045-90	B31VR1 vial 90	Strontium	221	ug/L	31.4	ICP-OES Vadose-NP
1601045-90	B31VR1 vial 90	Sulfate	87.6	ug/mL	7.5	Anions by IC-NP
1601045-90	B31VR1 vial 90	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601045-AA	B31VR1 vial 100	Alkalinity as CaCO3	55	ug/mL	23.5	Alkalinity-NP
1601045-AA	B31VR1 vial 100	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-AA	B31VR1 vial 100	Calcium	32200	ug/L	168	ICP-OES Vadose-NP
1601045-AA	B31VR1 vial 100	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AA	B31VR1 vial 100	Chloride	4.95	ug/mL	2.5	Anions by IC-NP
1601045-AA	B31VR1 vial 100	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AA	B31VR1 vial 100	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AA	B31VR1 vial 100	Magnesium	7420	ug/L	13.5	ICP-OES Vadose-NP
1601045-AA	B31VR1 vial 100	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-AA	B31VR1 vial 100	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AA	B31VR1 vial 100	pH	8.14	pH Units		pH-NP
1601045-AA	B31VR1 vial 100	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AA	B31VR1 vial 100	Potassium	13800	ug/L	806	ICP-OES Vadose-NP
1601045-AA	B31VR1 vial 100	Silicon	2420	ug/L	274	ICP-OES Vadose-NP
1601045-AA	B31VR1 vial 100	Sodium	34700	ug/L	223	ICP-OES Vadose-NP
1601045-AA	B31VR1 vial 100	Strontium	218	ug/L	31.4	ICP-OES Vadose-NP
1601045-AA	B31VR1 vial 100	Sulfate	87.6	ug/mL	7.5	Anions by IC-NP
1601045-AA	B31VR1 vial 100	Sulfur	33700	ug/L	239	ICP-OES Vadose-NP
1601045-AK	B31VR1 vial 110	Alkalinity as CaCO3	56.8	ug/mL	23.5	Alkalinity-NP
1601045-AK	B31VR1 vial 110	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-AK	B31VR1 vial 110	Calcium	32000	ug/L	168	ICP-OES Vadose-NP
1601045-AK	B31VR1 vial 110	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AK	B31VR1 vial 110	Chloride	4.89	ug/mL	2.5	Anions by IC-NP
1601045-AK	B31VR1 vial 110	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AK	B31VR1 vial 110	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AK	B31VR1 vial 110	Magnesium	7520	ug/L	13.5	ICP-OES Vadose-NP
1601045-AK	B31VR1 vial 110	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-AK	B31VR1 vial 110	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AK	B31VR1 vial 110	pH	8.15	pH Units		pH-NP
1601045-AK	B31VR1 vial 110	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-AK	B31VR1 vial 110	Potassium	14400	ug/L	806	ICP-OES Vadose-NP
1601045-AK	B31VR1 vial 110	Silicon	2310	ug/L	274	ICP-OES Vadose-NP
1601045-AK	B31VR1 vial 110	Sodium	34700	ug/L	223	ICP-OES Vadose-NP
1601045-AK	B31VR1 vial 110	Strontium	216	ug/L	31.4	ICP-OES Vadose-NP
1601045-AK	B31VR1 vial 110	Sulfate	87.2	ug/mL	7.5	Anions by IC-NP
1601045-AK	B31VR1 vial 110	Sulfur	34000	ug/L	239	ICP-OES Vadose-NP
1601045-AO	B31VR1 vial 114	Bromide	40.6	ug/mL	5	Anions by IC-NP
1601045-AO	B31VR1 vial 114	Calcium	34700	ug/L	168	ICP-OES Vadose-NP
1601045-AO	B31VR1 vial 114	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AO	B31VR1 vial 114	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AO	B31VR1 vial 114	Chromium 52	5.22	ug/L	1.38	ICPMS-RCRA-NP
1601045-AO	B31VR1 vial 114	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AO	B31VR1 vial 114	Magnesium	7950	ug/L	13.5	ICP-OES Vadose-NP
1601045-AO	B31VR1 vial 114	Nitrate	36.2	ug/mL	5	Anions by IC-NP
1601045-AO	B31VR1 vial 114	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AO	B31VR1 vial 114	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AO	B31VR1 vial 114	Potassium	10600	ug/L	806	ICP-OES Vadose-NP
1601045-AO	B31VR1 vial 114	Silicon	3250	ug/L	274	ICP-OES Vadose-NP
1601045-AO	B31VR1 vial 114	Sodium	35600	ug/L	223	ICP-OES Vadose-NP
1601045-AO	B31VR1 vial 114	Strontium	224	ug/L	31.4	ICP-OES Vadose-NP
1601045-AO	B31VR1 vial 114	Sulfate	88.4	ug/mL	7.5	Anions by IC-NP
1601045-AO	B31VR1 vial 114	Sulfur	34400	ug/L	239	ICP-OES Vadose-NP
1601045-AP	B31VR1 vial 115	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601045-AP	B31VR1 vial 115	Calcium	34300	ug/L	168	ICP-OES Vadose-NP
1601045-AP	B31VR1 vial 115	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AP	B31VR1 vial 115	Chloride	5.33	ug/mL	2.5	Anions by IC-NP
1601045-AP	B31VR1 vial 115	Chromium 52	4.32	ug/L	1.38	ICPMS-RCRA-NP
1601045-AP	B31VR1 vial 115	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AP	B31VR1 vial 115	Magnesium	7850	ug/L	13.5	ICP-OES Vadose-NP
1601045-AP	B31VR1 vial 115	Nitrate	36.2	ug/mL	5	Anions by IC-NP
1601045-AP	B31VR1 vial 115	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AP	B31VR1 vial 115	pH	8.2	pH Units		pH-NP
1601045-AP	B31VR1 vial 115	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AP	B31VR1 vial 115	Potassium	13600	ug/L	806	ICP-OES Vadose-NP
1601045-AP	B31VR1 vial 115	Silicon	3630	ug/L	274	ICP-OES Vadose-NP
1601045-AP	B31VR1 vial 115	Sodium	35100	ug/L	223	ICP-OES Vadose-NP
1601045-AP	B31VR1 vial 115	Strontium	227	ug/L	31.4	ICP-OES Vadose-NP
1601045-AP	B31VR1 vial 115	Sulfate	86.9	ug/mL	7.5	Anions by IC-NP
1601045-AP	B31VR1 vial 115	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601045-AQ	B31VR1 vial 116	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601045-AQ	B31VR1 vial 116	Calcium	34000	ug/L	168	ICP-OES Vadose-NP
1601045-AQ	B31VR1 vial 116	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AQ	B31VR1 vial 116	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AQ	B31VR1 vial 116	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AQ	B31VR1 vial 116	Magnesium	7780	ug/L	13.5	ICP-OES Vadose-NP
1601045-AQ	B31VR1 vial 116	Nitrate	35.5	ug/mL	5	Anions by IC-NP
1601045-AQ	B31VR1 vial 116	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-AQ	B31VR1 vial 116	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AQ	B31VR1 vial 116	Potassium	9690	ug/L	806	ICP-OES Vadose-NP
1601045-AQ	B31VR1 vial 116	Silicon	3670	ug/L	274	ICP-OES Vadose-NP
1601045-AQ	B31VR1 vial 116	Sodium	34400	ug/L	223	ICP-OES Vadose-NP
1601045-AQ	B31VR1 vial 116	Strontium	225	ug/L	31.4	ICP-OES Vadose-NP
1601045-AQ	B31VR1 vial 116	Sulfate	87.8	ug/mL	7.5	Anions by IC-NP
1601045-AQ	B31VR1 vial 116	Sulfur	34000	ug/L	239	ICP-OES Vadose-NP
1601045-AQRE1	B31VR1 vial 116	Chromium 52	5.77	ug/L	0.692	ICPMS-RCRA-NP
1601045-AR	B31VR1 vial 117	Bromide	38.8	ug/mL	5	Anions by IC-NP
1601045-AR	B31VR1 vial 117	Calcium	33600	ug/L	168	ICP-OES Vadose-NP
1601045-AR	B31VR1 vial 117	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AR	B31VR1 vial 117	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AR	B31VR1 vial 117	Chromium 52	1.51	ug/L	1.38	ICPMS-RCRA-NP
1601045-AR	B31VR1 vial 117	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AR	B31VR1 vial 117	Magnesium	7680	ug/L	13.5	ICP-OES Vadose-NP
1601045-AR	B31VR1 vial 117	Nitrate	34.8	ug/mL	5	Anions by IC-NP
1601045-AR	B31VR1 vial 117	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AR	B31VR1 vial 117	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AR	B31VR1 vial 117	Potassium	9590	ug/L	806	ICP-OES Vadose-NP
1601045-AR	B31VR1 vial 117	Silicon	3670	ug/L	274	ICP-OES Vadose-NP
1601045-AR	B31VR1 vial 117	Sodium	34000	ug/L	223	ICP-OES Vadose-NP
1601045-AR	B31VR1 vial 117	Strontium	222	ug/L	31.4	ICP-OES Vadose-NP
1601045-AR	B31VR1 vial 117	Sulfate	88.3	ug/mL	7.5	Anions by IC-NP
1601045-AR	B31VR1 vial 117	Sulfur	33800	ug/L	239	ICP-OES Vadose-NP
1601045-AS	B31VR1 vial 118	Bromide	39.1	ug/mL	5	Anions by IC-NP
1601045-AS	B31VR1 vial 118	Calcium	33400	ug/L	168	ICP-OES Vadose-NP
1601045-AS	B31VR1 vial 118	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AS	B31VR1 vial 118	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AS	B31VR1 vial 118	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AS	B31VR1 vial 118	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AS	B31VR1 vial 118	Magnesium	7670	ug/L	13.5	ICP-OES Vadose-NP
1601045-AS	B31VR1 vial 118	Nitrate	34.6	ug/mL	5	Anions by IC-NP
1601045-AS	B31VR1 vial 118	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AS	B31VR1 vial 118	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AS	B31VR1 vial 118	Potassium	9550	ug/L	806	ICP-OES Vadose-NP
1601045-AS	B31VR1 vial 118	Silicon	3500	ug/L	274	ICP-OES Vadose-NP
1601045-AS	B31VR1 vial 118	Sodium	34100	ug/L	223	ICP-OES Vadose-NP
1601045-AS	B31VR1 vial 118	Strontium	222	ug/L	31.4	ICP-OES Vadose-NP
1601045-AS	B31VR1 vial 118	Sulfate	89	ug/mL	7.5	Anions by IC-NP
1601045-AS	B31VR1 vial 118	Sulfur	34400	ug/L	239	ICP-OES Vadose-NP
1601045-AT	B31VR1 vial 119	Bromide	39.1	ug/mL	5	Anions by IC-NP
1601045-AT	B31VR1 vial 119	Calcium	34400	ug/L	168	ICP-OES Vadose-NP
1601045-AT	B31VR1 vial 119	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AT	B31VR1 vial 119	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AT	B31VR1 vial 119	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AT	B31VR1 vial 119	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AT	B31VR1 vial 119	Magnesium	7910	ug/L	13.5	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-AT	B31VR1 vial 119	Nitrate	34.4	ug/mL	5	Anions by IC-NP
1601045-AT	B31VR1 vial 119	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AT	B31VR1 vial 119	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AT	B31VR1 vial 119	Potassium	9950	ug/L	806	ICP-OES Vadose-NP
1601045-AT	B31VR1 vial 119	Silicon	3480	ug/L	274	ICP-OES Vadose-NP
1601045-AT	B31VR1 vial 119	Sodium	35400	ug/L	223	ICP-OES Vadose-NP
1601045-AT	B31VR1 vial 119	Strontium	229	ug/L	31.4	ICP-OES Vadose-NP
1601045-AT	B31VR1 vial 119	Sulfate	88.6	ug/mL	7.5	Anions by IC-NP
1601045-AT	B31VR1 vial 119	Sulfur	35200	ug/L	239	ICP-OES Vadose-NP
1601045-AU	B31VR1 vial 120	Bromide	38.9	ug/mL	5	Anions by IC-NP
1601045-AU	B31VR1 vial 120	Calcium	33500	ug/L	168	ICP-OES Vadose-NP
1601045-AU	B31VR1 vial 120	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AU	B31VR1 vial 120	Chloride	3.51	ug/mL	2.5	Anions by IC-NP
1601045-AU	B31VR1 vial 120	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AU	B31VR1 vial 120	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AU	B31VR1 vial 120	Magnesium	7710	ug/L	13.5	ICP-OES Vadose-NP
1601045-AU	B31VR1 vial 120	Nitrate	34.4	ug/mL	5	Anions by IC-NP
1601045-AU	B31VR1 vial 120	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AU	B31VR1 vial 120	pH	8.28	pH Units		pH-NP
1601045-AU	B31VR1 vial 120	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AU	B31VR1 vial 120	Potassium	12200	ug/L	806	ICP-OES Vadose-NP
1601045-AU	B31VR1 vial 120	Silicon	3380	ug/L	274	ICP-OES Vadose-NP
1601045-AU	B31VR1 vial 120	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1601045-AU	B31VR1 vial 120	Strontium	224	ug/L	31.4	ICP-OES Vadose-NP
1601045-AU	B31VR1 vial 120	Sulfate	88.1	ug/mL	7.5	Anions by IC-NP
1601045-AU	B31VR1 vial 120	Sulfur	34000	ug/L	239	ICP-OES Vadose-NP
1601045-AV	B31VR1 vial 121	Alkalinity as CaCO3	59.2	ug/mL	23.5	Alkalinity-NP
1601045-AV	B31VR1 vial 121	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601045-AV	B31VR1 vial 121	Calcium	33400	ug/L	168	ICP-OES Vadose-NP
1601045-AV	B31VR1 vial 121	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AV	B31VR1 vial 121	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AV	B31VR1 vial 121	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AV	B31VR1 vial 121	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AV	B31VR1 vial 121	Magnesium	7710	ug/L	13.5	ICP-OES Vadose-NP
1601045-AV	B31VR1 vial 121	Nitrate	34.8	ug/mL	5	Anions by IC-NP
1601045-AV	B31VR1 vial 121	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AV	B31VR1 vial 121	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AV	B31VR1 vial 121	Potassium	9920	ug/L	806	ICP-OES Vadose-NP
1601045-AV	B31VR1 vial 121	Silicon	3270	ug/L	274	ICP-OES Vadose-NP
1601045-AV	B31VR1 vial 121	Sodium	34700	ug/L	223	ICP-OES Vadose-NP
1601045-AV	B31VR1 vial 121	Strontium	223	ug/L	31.4	ICP-OES Vadose-NP
1601045-AV	B31VR1 vial 121	Sulfate	88.3	ug/mL	7.5	Anions by IC-NP
1601045-AV	B31VR1 vial 121	Sulfur	34000	ug/L	239	ICP-OES Vadose-NP
1601045-AW	B31VR1 vial 122	Bromide	39	ug/mL	5	Anions by IC-NP
1601045-AW	B31VR1 vial 122	Calcium	33600	ug/L	168	ICP-OES Vadose-NP
1601045-AW	B31VR1 vial 122	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-AW	B31VR1 vial 122	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AW	B31VR1 vial 122	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AW	B31VR1 vial 122	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AW	B31VR1 vial 122	Magnesium	7780	ug/L	13.5	ICP-OES Vadose-NP
1601045-AW	B31VR1 vial 122	Nitrate	34.6	ug/mL	5	Anions by IC-NP
1601045-AW	B31VR1 vial 122	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AW	B31VR1 vial 122	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AW	B31VR1 vial 122	Potassium	9980	ug/L	806	ICP-OES Vadose-NP
1601045-AW	B31VR1 vial 122	Silicon	3200	ug/L	274	ICP-OES Vadose-NP
1601045-AW	B31VR1 vial 122	Sodium	35500	ug/L	223	ICP-OES Vadose-NP
1601045-AW	B31VR1 vial 122	Strontium	225	ug/L	31.4	ICP-OES Vadose-NP
1601045-AW	B31VR1 vial 122	Sulfate	87.7	ug/mL	7.5	Anions by IC-NP
1601045-AW	B31VR1 vial 122	Sulfur	34200	ug/L	239	ICP-OES Vadose-NP
1601045-AX	B31VR1 vial 123	Bromide	39.1	ug/mL	5	Anions by IC-NP
1601045-AX	B31VR1 vial 123	Calcium	33500	ug/L	168	ICP-OES Vadose-NP
1601045-AX	B31VR1 vial 123	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AX	B31VR1 vial 123	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AX	B31VR1 vial 123	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AX	B31VR1 vial 123	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AX	B31VR1 vial 123	Magnesium	7750	ug/L	13.5	ICP-OES Vadose-NP
1601045-AX	B31VR1 vial 123	Nitrate	35.1	ug/mL	5	Anions by IC-NP
1601045-AX	B31VR1 vial 123	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AX	B31VR1 vial 123	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AX	B31VR1 vial 123	Potassium	10000	ug/L	806	ICP-OES Vadose-NP
1601045-AX	B31VR1 vial 123	Silicon	3160	ug/L	274	ICP-OES Vadose-NP
1601045-AX	B31VR1 vial 123	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1601045-AX	B31VR1 vial 123	Strontium	224	ug/L	31.4	ICP-OES Vadose-NP
1601045-AX	B31VR1 vial 123	Sulfate	87.8	ug/mL	7.5	Anions by IC-NP
1601045-AX	B31VR1 vial 123	Sulfur	34200	ug/L	239	ICP-OES Vadose-NP
1601045-AY	B31VR1 vial 124	Bromide	39.1	ug/mL	5	Anions by IC-NP
1601045-AY	B31VR1 vial 124	Calcium	32200	ug/L	168	ICP-OES Vadose-NP
1601045-AY	B31VR1 vial 124	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AY	B31VR1 vial 124	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-AY	B31VR1 vial 124	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AY	B31VR1 vial 124	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AY	B31VR1 vial 124	Magnesium	7600	ug/L	13.5	ICP-OES Vadose-NP
1601045-AY	B31VR1 vial 124	Nitrate	35.3	ug/mL	5	Anions by IC-NP
1601045-AY	B31VR1 vial 124	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AY	B31VR1 vial 124	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AY	B31VR1 vial 124	Potassium	9740	ug/L	806	ICP-OES Vadose-NP
1601045-AY	B31VR1 vial 124	Silicon	2980	ug/L	274	ICP-OES Vadose-NP
1601045-AY	B31VR1 vial 124	Sodium	33800	ug/L	223	ICP-OES Vadose-NP
1601045-AY	B31VR1 vial 124	Strontium	215	ug/L	31.4	ICP-OES Vadose-NP
1601045-AY	B31VR1 vial 124	Sulfate	87.6	ug/mL	7.5	Anions by IC-NP
1601045-AY	B31VR1 vial 124	Sulfur	32800	ug/L	239	ICP-OES Vadose-NP
1601045-AZ	B31VR1 vial 125	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601045-AZ	B31VR1 vial 125	Calcium	33200	ug/L	168	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-AZ	B31VR1 vial 125	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-AZ	B31VR1 vial 125	Chloride	4.99	ug/mL	2.5	Anions by IC-NP
1601045-AZ	B31VR1 vial 125	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-AZ	B31VR1 vial 125	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-AZ	B31VR1 vial 125	Magnesium	7690	ug/L	13.5	ICP-OES Vadose-NP
1601045-AZ	B31VR1 vial 125	Nitrate	35.7	ug/mL	5	Anions by IC-NP
1601045-AZ	B31VR1 vial 125	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-AZ	B31VR1 vial 125	pH	8.21	pH Units		pH-NP
1601045-AZ	B31VR1 vial 125	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-AZ	B31VR1 vial 125	Potassium	14100	ug/L	806	ICP-OES Vadose-NP
1601045-AZ	B31VR1 vial 125	Silicon	2980	ug/L	274	ICP-OES Vadose-NP
1601045-AZ	B31VR1 vial 125	Sodium	35100	ug/L	223	ICP-OES Vadose-NP
1601045-AZ	B31VR1 vial 125	Strontium	222	ug/L	31.4	ICP-OES Vadose-NP
1601045-AZ	B31VR1 vial 125	Sulfate	87.5	ug/mL	7.5	Anions by IC-NP
1601045-AZ	B31VR1 vial 125	Sulfur	34000	ug/L	239	ICP-OES Vadose-NP
1601045-BA	B31VR1 vial 126	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601045-BA	B31VR1 vial 126	Calcium	32900	ug/L	168	ICP-OES Vadose-NP
1601045-BA	B31VR1 vial 126	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-BA	B31VR1 vial 126	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-BA	B31VR1 vial 126	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-BA	B31VR1 vial 126	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-BA	B31VR1 vial 126	Magnesium	7720	ug/L	13.5	ICP-OES Vadose-NP
1601045-BA	B31VR1 vial 126	Nitrate	35.9	ug/mL	5	Anions by IC-NP
1601045-BA	B31VR1 vial 126	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-BA	B31VR1 vial 126	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-BA	B31VR1 vial 126	Potassium	10100	ug/L	806	ICP-OES Vadose-NP
1601045-BA	B31VR1 vial 126	Silicon	2980	ug/L	274	ICP-OES Vadose-NP
1601045-BA	B31VR1 vial 126	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1601045-BA	B31VR1 vial 126	Strontium	221	ug/L	31.4	ICP-OES Vadose-NP
1601045-BA	B31VR1 vial 126	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1601045-BA	B31VR1 vial 126	Sulfur	34400	ug/L	239	ICP-OES Vadose-NP
1601045-BC	B31VR1 vial 128	Bromide	38.8	ug/mL	5	Anions by IC-NP
1601045-BC	B31VR1 vial 128	Calcium	33300	ug/L	168	ICP-OES Vadose-NP
1601045-BC	B31VR1 vial 128	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-BC	B31VR1 vial 128	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-BC	B31VR1 vial 128	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-BC	B31VR1 vial 128	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-BC	B31VR1 vial 128	Magnesium	7780	ug/L	13.5	ICP-OES Vadose-NP
1601045-BC	B31VR1 vial 128	Nitrate	35.7	ug/mL	5	Anions by IC-NP
1601045-BC	B31VR1 vial 128	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-BC	B31VR1 vial 128	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-BC	B31VR1 vial 128	Potassium	10400	ug/L	806	ICP-OES Vadose-NP
1601045-BC	B31VR1 vial 128	Silicon	2890	ug/L	274	ICP-OES Vadose-NP
1601045-BC	B31VR1 vial 128	Sodium	35600	ug/L	223	ICP-OES Vadose-NP
1601045-BC	B31VR1 vial 128	Strontium	223	ug/L	31.4	ICP-OES Vadose-NP
1601045-BC	B31VR1 vial 128	Sulfate	86.4	ug/mL	7.5	Anions by IC-NP
1601045-BC	B31VR1 vial 128	Sulfur	34500	ug/L	239	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-BE	B31VR1 vial 130	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-BE	B31VR1 vial 130	Calcium	32800	ug/L	168	ICP-OES Vadose-NP
1601045-BE	B31VR1 vial 130	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-BE	B31VR1 vial 130	Chloride	4.38	ug/mL	2.5	Anions by IC-NP
1601045-BE	B31VR1 vial 130	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-BE	B31VR1 vial 130	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-BE	B31VR1 vial 130	Magnesium	7690	ug/L	13.5	ICP-OES Vadose-NP
1601045-BE	B31VR1 vial 130	Nitrate	36.4	ug/mL	5	Anions by IC-NP
1601045-BE	B31VR1 vial 130	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-BE	B31VR1 vial 130	pH	8.18	pH Units		pH-NP
1601045-BE	B31VR1 vial 130	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-BE	B31VR1 vial 130	Potassium	13600	ug/L	806	ICP-OES Vadose-NP
1601045-BE	B31VR1 vial 130	Silicon	2750	ug/L	274	ICP-OES Vadose-NP
1601045-BE	B31VR1 vial 130	Sodium	35300	ug/L	223	ICP-OES Vadose-NP
1601045-BE	B31VR1 vial 130	Strontium	220	ug/L	31.4	ICP-OES Vadose-NP
1601045-BE	B31VR1 vial 130	Sulfate	89.8	ug/mL	7.5	Anions by IC-NP
1601045-BE	B31VR1 vial 130	Sulfur	34300	ug/L	239	ICP-OES Vadose-NP
1601045-BG	B31VR1 vial 132	Alkalinity as CaCO3	55.2	ug/mL	23.5	Alkalinity-NP
1601045-BG	B31VR1 vial 132	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601045-BG	B31VR1 vial 132	Calcium	32700	ug/L	168	ICP-OES Vadose-NP
1601045-BG	B31VR1 vial 132	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-BG	B31VR1 vial 132	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-BG	B31VR1 vial 132	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-BG	B31VR1 vial 132	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-BG	B31VR1 vial 132	Magnesium	7640	ug/L	13.5	ICP-OES Vadose-NP
1601045-BG	B31VR1 vial 132	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1601045-BG	B31VR1 vial 132	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-BG	B31VR1 vial 132	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-BG	B31VR1 vial 132	Potassium	10400	ug/L	806	ICP-OES Vadose-NP
1601045-BG	B31VR1 vial 132	Silicon	2660	ug/L	274	ICP-OES Vadose-NP
1601045-BG	B31VR1 vial 132	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1601045-BG	B31VR1 vial 132	Strontium	219	ug/L	31.4	ICP-OES Vadose-NP
1601045-BG	B31VR1 vial 132	Sulfate	87	ug/mL	7.5	Anions by IC-NP
1601045-BG	B31VR1 vial 132	Sulfur	34100	ug/L	239	ICP-OES Vadose-NP
1601045-BJ	B31VR1 vial 135	Bromide	39.5	ug/mL	5	Anions by IC-NP
1601045-BJ	B31VR1 vial 135	Calcium	32500	ug/L	168	ICP-OES Vadose-NP
1601045-BJ	B31VR1 vial 135	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-BJ	B31VR1 vial 135	Chloride	7.29	ug/mL	2.5	Anions by IC-NP
1601045-BJ	B31VR1 vial 135	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-BJ	B31VR1 vial 135	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-BJ	B31VR1 vial 135	Magnesium	7730	ug/L	13.5	ICP-OES Vadose-NP
1601045-BJ	B31VR1 vial 135	Nitrate	37	ug/mL	5	Anions by IC-NP
1601045-BJ	B31VR1 vial 135	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-BJ	B31VR1 vial 135	pH	8.13	pH Units		pH-NP
1601045-BJ	B31VR1 vial 135	Phosphate	ND	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-BJ	B31VR1 vial 135	Potassium	16700	ug/L	806	ICP-OES Vadose-NP
1601045-BJ	B31VR1 vial 135	Silicon	2550	ug/L	274	ICP-OES Vadose-NP
1601045-BJ	B31VR1 vial 135	Sodium	35200	ug/L	223	ICP-OES Vadose-NP
1601045-BJ	B31VR1 vial 135	Strontium	218	ug/L	31.4	ICP-OES Vadose-NP
1601045-BJ	B31VR1 vial 135	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1601045-BJ	B31VR1 vial 135	Sulfur	34300	ug/L	239	ICP-OES Vadose-NP
1601045-BO	B31VR1 vial 140	Alkalinity as CaCO3	52.4	ug/mL	23.5	Alkalinity-NP
1601045-BO	B31VR1 vial 140	Bromide	39	ug/mL	5	Anions by IC-NP
1601045-BO	B31VR1 vial 140	Calcium	32300	ug/L	168	ICP-OES Vadose-NP
1601045-BO	B31VR1 vial 140	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-BO	B31VR1 vial 140	Chloride	4.8	ug/mL	2.5	Anions by IC-NP
1601045-BO	B31VR1 vial 140	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-BO	B31VR1 vial 140	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-BO	B31VR1 vial 140	Magnesium	7840	ug/L	13.5	ICP-OES Vadose-NP
1601045-BO	B31VR1 vial 140	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1601045-BO	B31VR1 vial 140	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-BO	B31VR1 vial 140	pH	8.17	pH Units		pH-NP
1601045-BO	B31VR1 vial 140	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-BO	B31VR1 vial 140	Potassium	14400	ug/L	806	ICP-OES Vadose-NP
1601045-BO	B31VR1 vial 140	Silicon	2430	ug/L	274	ICP-OES Vadose-NP
1601045-BO	B31VR1 vial 140	Sodium	35300	ug/L	223	ICP-OES Vadose-NP
1601045-BO	B31VR1 vial 140	Strontium	219	ug/L	31.4	ICP-OES Vadose-NP
1601045-BO	B31VR1 vial 140	Sulfate	86.7	ug/mL	7.5	Anions by IC-NP
1601045-BO	B31VR1 vial 140	Sulfur	34000	ug/L	239	ICP-OES Vadose-NP
1601045-BT	B31VR1 vial 145	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601045-BT	B31VR1 vial 145	Calcium	31600	ug/L	168	ICP-OES Vadose-NP
1601045-BT	B31VR1 vial 145	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-BT	B31VR1 vial 145	Chloride	6.54	ug/mL	2.5	Anions by IC-NP
1601045-BT	B31VR1 vial 145	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-BT	B31VR1 vial 145	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-BT	B31VR1 vial 145	Magnesium	7770	ug/L	13.5	ICP-OES Vadose-NP
1601045-BT	B31VR1 vial 145	Nitrate	37	ug/mL	5	Anions by IC-NP
1601045-BT	B31VR1 vial 145	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-BT	B31VR1 vial 145	pH	8.19	pH Units		pH-NP
1601045-BT	B31VR1 vial 145	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-BT	B31VR1 vial 145	Potassium	16100	ug/L	806	ICP-OES Vadose-NP
1601045-BT	B31VR1 vial 145	Silicon	2320	ug/L	274	ICP-OES Vadose-NP
1601045-BT	B31VR1 vial 145	Sodium	34900	ug/L	223	ICP-OES Vadose-NP
1601045-BT	B31VR1 vial 145	Strontium	214	ug/L	31.4	ICP-OES Vadose-NP
1601045-BT	B31VR1 vial 145	Sulfate	90	ug/mL	7.5	Anions by IC-NP
1601045-BT	B31VR1 vial 145	Sulfur	34400	ug/L	239	ICP-OES Vadose-NP
1601045-BY	B31VR1 vial 150	Alkalinity as CaCO3	56.5	ug/mL	23.5	Alkalinity-NP
1601045-BY	B31VR1 vial 150	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601045-BY	B31VR1 vial 150	Calcium	31800	ug/L	168	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-BY	B31VR1 vial 150	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-BY	B31VR1 vial 150	Chloride	3.68	ug/mL	2.5	Anions by IC-NP
1601045-BY	B31VR1 vial 150	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-BY	B31VR1 vial 150	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-BY	B31VR1 vial 150	Magnesium	7840	ug/L	13.5	ICP-OES Vadose-NP
1601045-BY	B31VR1 vial 150	Nitrate	37.2	ug/mL	5	Anions by IC-NP
1601045-BY	B31VR1 vial 150	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-BY	B31VR1 vial 150	pH	8.12	pH Units		pH-NP
1601045-BY	B31VR1 vial 150	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-BY	B31VR1 vial 150	Potassium	13800	ug/L	806	ICP-OES Vadose-NP
1601045-BY	B31VR1 vial 150	Silicon	2210	ug/L	274	ICP-OES Vadose-NP
1601045-BY	B31VR1 vial 150	Sodium	35400	ug/L	223	ICP-OES Vadose-NP
1601045-BY	B31VR1 vial 150	Strontium	215	ug/L	31.4	ICP-OES Vadose-NP
1601045-BY	B31VR1 vial 150	Sulfate	87	ug/mL	7.5	Anions by IC-NP
1601045-BY	B31VR1 vial 150	Sulfur	34500	ug/L	239	ICP-OES Vadose-NP
1601045-CD	B31VR1 vial 155	pH	8.17	pH Units		pH-NP
1601045-CI	B31VR1 vial 160	Alkalinity as CaCO3	58.7	ug/mL	23.5	Alkalinity-NP
1601045-CI	B31VR1 vial 160	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-CI	B31VR1 vial 160	Calcium	31200	ug/L	168	ICP-OES Vadose-NP
1601045-CI	B31VR1 vial 160	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-CI	B31VR1 vial 160	Chloride	7.45	ug/mL	2.5	Anions by IC-NP
1601045-CI	B31VR1 vial 160	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-CI	B31VR1 vial 160	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-CI	B31VR1 vial 160	Magnesium	7920	ug/L	13.5	ICP-OES Vadose-NP
1601045-CI	B31VR1 vial 160	Nitrate	37	ug/mL	5	Anions by IC-NP
1601045-CI	B31VR1 vial 160	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-CI	B31VR1 vial 160	pH	8.18	pH Units		pH-NP
1601045-CI	B31VR1 vial 160	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-CI	B31VR1 vial 160	Potassium	17700	ug/L	806	ICP-OES Vadose-NP
1601045-CI	B31VR1 vial 160	Silicon	2060	ug/L	274	ICP-OES Vadose-NP
1601045-CI	B31VR1 vial 160	Sodium	35200	ug/L	223	ICP-OES Vadose-NP
1601045-CI	B31VR1 vial 160	Strontium	210	ug/L	31.4	ICP-OES Vadose-NP
1601045-CI	B31VR1 vial 160	Sulfate	89.5	ug/mL	7.5	Anions by IC-NP
1601045-CI	B31VR1 vial 160	Sulfur	33600	ug/L	239	ICP-OES Vadose-NP
1601045-CS	B31VR1 vial 170	Alkalinity as CaCO3	59.4	ug/mL	23.5	Alkalinity-NP
1601045-CS	B31VR1 vial 170	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601045-CS	B31VR1 vial 170	Calcium	31500	ug/L	168	ICP-OES Vadose-NP
1601045-CS	B31VR1 vial 170	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-CS	B31VR1 vial 170	Chloride	4.93	ug/mL	2.5	Anions by IC-NP
1601045-CS	B31VR1 vial 170	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-CS	B31VR1 vial 170	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-CS	B31VR1 vial 170	Magnesium	8150	ug/L	13.5	ICP-OES Vadose-NP
1601045-CS	B31VR1 vial 170	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-CS	B31VR1 vial 170	Nitrite	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-CS	B31VR1 vial 170	pH	8.14	pH Units		pH-NP
1601045-CS	B31VR1 vial 170	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-CS	B31VR1 vial 170	Potassium	16100	ug/L	806	ICP-OES Vadose-NP
1601045-CS	B31VR1 vial 170	Silicon	1940	ug/L	274	ICP-OES Vadose-NP
1601045-CS	B31VR1 vial 170	Sodium	35900	ug/L	223	ICP-OES Vadose-NP
1601045-CS	B31VR1 vial 170	Strontium	212	ug/L	31.4	ICP-OES Vadose-NP
1601045-CS	B31VR1 vial 170	Sulfate	87.5	ug/mL	7.5	Anions by IC-NP
1601045-CS	B31VR1 vial 170	Sulfur	34500	ug/L	239	ICP-OES Vadose-NP
1601045-DC	B31VR1 vial 180	Alkalinity as CaCO3	56.5	ug/mL	23.5	Alkalinity-NP
1601045-DC	B31VR1 vial 180	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-DC	B31VR1 vial 180	Calcium	30500	ug/L	168	ICP-OES Vadose-NP
1601045-DC	B31VR1 vial 180	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DC	B31VR1 vial 180	Chloride	3.88	ug/mL	2.5	Anions by IC-NP
1601045-DC	B31VR1 vial 180	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DC	B31VR1 vial 180	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DC	B31VR1 vial 180	Magnesium	8100	ug/L	13.5	ICP-OES Vadose-NP
1601045-DC	B31VR1 vial 180	Nitrate	37	ug/mL	5	Anions by IC-NP
1601045-DC	B31VR1 vial 180	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DC	B31VR1 vial 180	pH	8.07	pH Units		pH-NP
1601045-DC	B31VR1 vial 180	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DC	B31VR1 vial 180	Potassium	14600	ug/L	806	ICP-OES Vadose-NP
1601045-DC	B31VR1 vial 180	Silicon	1820	ug/L	274	ICP-OES Vadose-NP
1601045-DC	B31VR1 vial 180	Sodium	35000	ug/L	223	ICP-OES Vadose-NP
1601045-DC	B31VR1 vial 180	Strontium	205	ug/L	31.4	ICP-OES Vadose-NP
1601045-DC	B31VR1 vial 180	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1601045-DC	B31VR1 vial 180	Sulfur	33600	ug/L	239	ICP-OES Vadose-NP
1601045-DJ	B31VR1 vial 187	Bromide	40.2	ug/mL	5	Anions by IC-NP
1601045-DJ	B31VR1 vial 187	Calcium	33800	ug/L	168	ICP-OES Vadose-NP
1601045-DJ	B31VR1 vial 187	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DJ	B31VR1 vial 187	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DJ	B31VR1 vial 187	Chromium 52	5.25	ug/L	1.38	ICPMS-RCRA-NP
1601045-DJ	B31VR1 vial 187	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DJ	B31VR1 vial 187	Magnesium	8680	ug/L	13.5	ICP-OES Vadose-NP
1601045-DJ	B31VR1 vial 187	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-DJ	B31VR1 vial 187	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DJ	B31VR1 vial 187	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DJ	B31VR1 vial 187	Potassium	11700	ug/L	806	ICP-OES Vadose-NP
1601045-DJ	B31VR1 vial 187	Silicon	3030	ug/L	274	ICP-OES Vadose-NP
1601045-DJ	B31VR1 vial 187	Sodium	36700	ug/L	223	ICP-OES Vadose-NP
1601045-DJ	B31VR1 vial 187	Strontium	219	ug/L	31.4	ICP-OES Vadose-NP
1601045-DJ	B31VR1 vial 187	Sulfate	86.6	ug/mL	7.5	Anions by IC-NP
1601045-DJ	B31VR1 vial 187	Sulfur	34000	ug/L	239	ICP-OES Vadose-NP
1601045-DK	B31VR1 vial 188	Bromide	39.1	ug/mL	5	Anions by IC-NP
1601045-DK	B31VR1 vial 188	Calcium	33300	ug/L	168	ICP-OES Vadose-NP
1601045-DK	B31VR1 vial 188	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-DK	B31VR1 vial 188	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DK	B31VR1 vial 188	Chromium 52	4.09	ug/L	1.38	ICPMS-RCRA-NP
1601045-DK	B31VR1 vial 188	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DK	B31VR1 vial 188	Magnesium	8510	ug/L	13.5	ICP-OES Vadose-NP
1601045-DK	B31VR1 vial 188	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1601045-DK	B31VR1 vial 188	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DK	B31VR1 vial 188	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DK	B31VR1 vial 188	Potassium	10900	ug/L	806	ICP-OES Vadose-NP
1601045-DK	B31VR1 vial 188	Silicon	3360	ug/L	274	ICP-OES Vadose-NP
1601045-DK	B31VR1 vial 188	Sodium	35800	ug/L	223	ICP-OES Vadose-NP
1601045-DK	B31VR1 vial 188	Strontium	218	ug/L	31.4	ICP-OES Vadose-NP
1601045-DK	B31VR1 vial 188	Sulfate	88.4	ug/mL	7.5	Anions by IC-NP
1601045-DK	B31VR1 vial 188	Sulfur	33300	ug/L	239	ICP-OES Vadose-NP
1601045-DL	B31VR1 vial 189	Bromide	39.1	ug/mL	5	Anions by IC-NP
1601045-DL	B31VR1 vial 189	Calcium	33400	ug/L	168	ICP-OES Vadose-NP
1601045-DL	B31VR1 vial 189	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DL	B31VR1 vial 189	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DL	B31VR1 vial 189	Chromium 52	2.54	ug/L	1.38	ICPMS-RCRA-NP
1601045-DL	B31VR1 vial 189	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DL	B31VR1 vial 189	Magnesium	8390	ug/L	13.5	ICP-OES Vadose-NP
1601045-DL	B31VR1 vial 189	Nitrate	36.2	ug/mL	5	Anions by IC-NP
1601045-DL	B31VR1 vial 189	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DL	B31VR1 vial 189	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DL	B31VR1 vial 189	Potassium	10800	ug/L	806	ICP-OES Vadose-NP
1601045-DL	B31VR1 vial 189	Silicon	3420	ug/L	274	ICP-OES Vadose-NP
1601045-DL	B31VR1 vial 189	Sodium	35400	ug/L	223	ICP-OES Vadose-NP
1601045-DL	B31VR1 vial 189	Strontium	220	ug/L	31.4	ICP-OES Vadose-NP
1601045-DL	B31VR1 vial 189	Sulfate	87	ug/mL	7.5	Anions by IC-NP
1601045-DL	B31VR1 vial 189	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601045-DM	B31VR1 vial 190	Alkalinity as CaCO3	62.9	ug/mL	23.5	Alkalinity-NP
1601045-DM	B31VR1 vial 190	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-DM	B31VR1 vial 190	Calcium	33200	ug/L	168	ICP-OES Vadose-NP
1601045-DM	B31VR1 vial 190	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DM	B31VR1 vial 190	Chloride	4.43	ug/mL	2.5	Anions by IC-NP
1601045-DM	B31VR1 vial 190	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DM	B31VR1 vial 190	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DM	B31VR1 vial 190	Magnesium	8300	ug/L	13.5	ICP-OES Vadose-NP
1601045-DM	B31VR1 vial 190	Nitrate	35.4	ug/mL	5	Anions by IC-NP
1601045-DM	B31VR1 vial 190	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DM	B31VR1 vial 190	pH	8.01	pH Units		pH-NP
1601045-DM	B31VR1 vial 190	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DM	B31VR1 vial 190	Potassium	14000	ug/L	806	ICP-OES Vadose-NP
1601045-DM	B31VR1 vial 190	Silicon	3360	ug/L	274	ICP-OES Vadose-NP
1601045-DM	B31VR1 vial 190	Sodium	35200	ug/L	223	ICP-OES Vadose-NP
1601045-DM	B31VR1 vial 190	Strontium	219	ug/L	31.4	ICP-OES Vadose-NP
1601045-DM	B31VR1 vial 190	Sulfate	90.1	ug/mL	7.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-DM	B31VR1 vial 190	Sulfur	33700	ug/L	239	ICP-OES Vadose-NP
1601045-DN	B31VR1 vial 191	Bromide	39.2	ug/mL	5	Anions by IC-NP
1601045-DN	B31VR1 vial 191	Calcium	33000	ug/L	168	ICP-OES Vadose-NP
1601045-DN	B31VR1 vial 191	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DN	B31VR1 vial 191	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DN	B31VR1 vial 191	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DN	B31VR1 vial 191	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DN	B31VR1 vial 191	Magnesium	8240	ug/L	13.5	ICP-OES Vadose-NP
1601045-DN	B31VR1 vial 191	Nitrate	35	ug/mL	5	Anions by IC-NP
1601045-DN	B31VR1 vial 191	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DN	B31VR1 vial 191	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DN	B31VR1 vial 191	Potassium	10800	ug/L	806	ICP-OES Vadose-NP
1601045-DN	B31VR1 vial 191	Silicon	3410	ug/L	274	ICP-OES Vadose-NP
1601045-DN	B31VR1 vial 191	Sodium	35300	ug/L	223	ICP-OES Vadose-NP
1601045-DN	B31VR1 vial 191	Strontium	218	ug/L	31.4	ICP-OES Vadose-NP
1601045-DN	B31VR1 vial 191	Sulfate	87.8	ug/mL	7.5	Anions by IC-NP
1601045-DN	B31VR1 vial 191	Sulfur	33800	ug/L	239	ICP-OES Vadose-NP
1601045-DO	B31VR1 vial 192	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-DO	B31VR1 vial 192	Calcium	33100	ug/L	168	ICP-OES Vadose-NP
1601045-DO	B31VR1 vial 192	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DO	B31VR1 vial 192	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DO	B31VR1 vial 192	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DO	B31VR1 vial 192	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DO	B31VR1 vial 192	Magnesium	8330	ug/L	13.5	ICP-OES Vadose-NP
1601045-DO	B31VR1 vial 192	Nitrate	35	ug/mL	5	Anions by IC-NP
1601045-DO	B31VR1 vial 192	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DO	B31VR1 vial 192	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DO	B31VR1 vial 192	Potassium	10900	ug/L	806	ICP-OES Vadose-NP
1601045-DO	B31VR1 vial 192	Silicon	3340	ug/L	274	ICP-OES Vadose-NP
1601045-DO	B31VR1 vial 192	Sodium	35400	ug/L	223	ICP-OES Vadose-NP
1601045-DO	B31VR1 vial 192	Strontium	218	ug/L	31.4	ICP-OES Vadose-NP
1601045-DO	B31VR1 vial 192	Sulfate	90.8	ug/mL	7.5	Anions by IC-NP
1601045-DO	B31VR1 vial 192	Sulfur	34300	ug/L	239	ICP-OES Vadose-NP
1601045-DP	B31VR1 vial 193	Bromide	39.1	ug/mL	5	Anions by IC-NP
1601045-DP	B31VR1 vial 193	Calcium	32400	ug/L	168	ICP-OES Vadose-NP
1601045-DP	B31VR1 vial 193	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DP	B31VR1 vial 193	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DP	B31VR1 vial 193	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DP	B31VR1 vial 193	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DP	B31VR1 vial 193	Magnesium	8140	ug/L	13.5	ICP-OES Vadose-NP
1601045-DP	B31VR1 vial 193	Nitrate	34.8	ug/mL	5	Anions by IC-NP
1601045-DP	B31VR1 vial 193	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DP	B31VR1 vial 193	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DP	B31VR1 vial 193	Potassium	10700	ug/L	806	ICP-OES Vadose-NP
1601045-DP	B31VR1 vial 193	Silicon	3250	ug/L	274	ICP-OES Vadose-NP
1601045-DP	B31VR1 vial 193	Sodium	34900	ug/L	223	ICP-OES Vadose-NP
1601045-DP	B31VR1 vial 193	Strontium	215	ug/L	31.4	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-DP	B31VR1 vial 193	Sulfate	87.6	ug/mL	7.5	Anions by IC-NP
1601045-DP	B31VR1 vial 193	Sulfur	33800	ug/L	239	ICP-OES Vadose-NP
1601045-DQ	B31VR1 vial 194	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-DQ	B31VR1 vial 194	Calcium	32200	ug/L	168	ICP-OES Vadose-NP
1601045-DQ	B31VR1 vial 194	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DQ	B31VR1 vial 194	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DQ	B31VR1 vial 194	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DQ	B31VR1 vial 194	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DQ	B31VR1 vial 194	Magnesium	8050	ug/L	13.5	ICP-OES Vadose-NP
1601045-DQ	B31VR1 vial 194	Nitrate	35	ug/mL	5	Anions by IC-NP
1601045-DQ	B31VR1 vial 194	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DQ	B31VR1 vial 194	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DQ	B31VR1 vial 194	Potassium	10800	ug/L	806	ICP-OES Vadose-NP
1601045-DQ	B31VR1 vial 194	Silicon	3150	ug/L	274	ICP-OES Vadose-NP
1601045-DQ	B31VR1 vial 194	Sodium	34800	ug/L	223	ICP-OES Vadose-NP
1601045-DQ	B31VR1 vial 194	Strontium	213	ug/L	31.4	ICP-OES Vadose-NP
1601045-DQ	B31VR1 vial 194	Sulfate	90.2	ug/mL	7.5	Anions by IC-NP
1601045-DQ	B31VR1 vial 194	Sulfur	33300	ug/L	239	ICP-OES Vadose-NP
1601045-DR	B31VR1 vial 195	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601045-DR	B31VR1 vial 195	Calcium	32400	ug/L	168	ICP-OES Vadose-NP
1601045-DR	B31VR1 vial 195	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DR	B31VR1 vial 195	Chloride	5.64	ug/mL	2.5	Anions by IC-NP
1601045-DR	B31VR1 vial 195	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DR	B31VR1 vial 195	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DR	B31VR1 vial 195	Magnesium	8210	ug/L	13.5	ICP-OES Vadose-NP
1601045-DR	B31VR1 vial 195	Nitrate	35.2	ug/mL	5	Anions by IC-NP
1601045-DR	B31VR1 vial 195	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DR	B31VR1 vial 195	pH	8.2	pH Units		pH-NP
1601045-DR	B31VR1 vial 195	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DR	B31VR1 vial 195	Potassium	15300	ug/L	806	ICP-OES Vadose-NP
1601045-DR	B31VR1 vial 195	Silicon	3170	ug/L	274	ICP-OES Vadose-NP
1601045-DR	B31VR1 vial 195	Sodium	35100	ug/L	223	ICP-OES Vadose-NP
1601045-DR	B31VR1 vial 195	Strontium	215	ug/L	31.4	ICP-OES Vadose-NP
1601045-DR	B31VR1 vial 195	Sulfate	87.7	ug/mL	7.5	Anions by IC-NP
1601045-DR	B31VR1 vial 195	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601045-DS	B31VR1 vial 196	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-DS	B31VR1 vial 196	Calcium	32300	ug/L	168	ICP-OES Vadose-NP
1601045-DS	B31VR1 vial 196	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DS	B31VR1 vial 196	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DS	B31VR1 vial 196	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DS	B31VR1 vial 196	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DS	B31VR1 vial 196	Magnesium	8140	ug/L	13.5	ICP-OES Vadose-NP
1601045-DS	B31VR1 vial 196	Nitrate	35.4	ug/mL	5	Anions by IC-NP
1601045-DS	B31VR1 vial 196	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DS	B31VR1 vial 196	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DS	B31VR1 vial 196	Potassium	11000	ug/L	806	ICP-OES Vadose-NP
1601045-DS	B31VR1 vial 196	Silicon	3140	ug/L	274	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-DS	B31VR1 vial 196	Sodium	35300	ug/L	223	ICP-OES Vadose-NP
1601045-DS	B31VR1 vial 196	Strontium	214	ug/L	31.4	ICP-OES Vadose-NP
1601045-DS	B31VR1 vial 196	Sulfate	89.7	ug/mL	7.5	Anions by IC-NP
1601045-DS	B31VR1 vial 196	Sulfur	34100	ug/L	239	ICP-OES Vadose-NP
1601045-DT	B31VR1 vial 197	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601045-DT	B31VR1 vial 197	Calcium	32500	ug/L	168	ICP-OES Vadose-NP
1601045-DT	B31VR1 vial 197	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DT	B31VR1 vial 197	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DT	B31VR1 vial 197	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DT	B31VR1 vial 197	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DT	B31VR1 vial 197	Magnesium	8250	ug/L	13.5	ICP-OES Vadose-NP
1601045-DT	B31VR1 vial 197	Nitrate	35.5	ug/mL	5	Anions by IC-NP
1601045-DT	B31VR1 vial 197	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DT	B31VR1 vial 197	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DT	B31VR1 vial 197	Potassium	11100	ug/L	806	ICP-OES Vadose-NP
1601045-DT	B31VR1 vial 197	Silicon	3140	ug/L	274	ICP-OES Vadose-NP
1601045-DT	B31VR1 vial 197	Sodium	35600	ug/L	223	ICP-OES Vadose-NP
1601045-DT	B31VR1 vial 197	Strontium	216	ug/L	31.4	ICP-OES Vadose-NP
1601045-DT	B31VR1 vial 197	Sulfate	87.3	ug/mL	7.5	Anions by IC-NP
1601045-DT	B31VR1 vial 197	Sulfur	34300	ug/L	239	ICP-OES Vadose-NP
1601045-DV	B31VR1 vial 199	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601045-DV	B31VR1 vial 199	Calcium	32500	ug/L	168	ICP-OES Vadose-NP
1601045-DV	B31VR1 vial 199	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DV	B31VR1 vial 199	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DV	B31VR1 vial 199	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DV	B31VR1 vial 199	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DV	B31VR1 vial 199	Magnesium	8300	ug/L	13.5	ICP-OES Vadose-NP
1601045-DV	B31VR1 vial 199	Nitrate	36.1	ug/mL	5	Anions by IC-NP
1601045-DV	B31VR1 vial 199	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DV	B31VR1 vial 199	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DV	B31VR1 vial 199	Potassium	11200	ug/L	806	ICP-OES Vadose-NP
1601045-DV	B31VR1 vial 199	Silicon	3060	ug/L	274	ICP-OES Vadose-NP
1601045-DV	B31VR1 vial 199	Sodium	35800	ug/L	223	ICP-OES Vadose-NP
1601045-DV	B31VR1 vial 199	Strontium	216	ug/L	31.4	ICP-OES Vadose-NP
1601045-DV	B31VR1 vial 199	Sulfate	90.1	ug/mL	7.5	Anions by IC-NP
1601045-DV	B31VR1 vial 199	Sulfur	34500	ug/L	239	ICP-OES Vadose-NP
1601045-DW	B31VR1 vial 200	pH	8.19	pH Units		pH-NP
1601045-DX	B31VR1 vial 201	Alkalinity as CaCO3	60.9	ug/mL	23.5	Alkalinity-NP
1601045-DX	B31VR1 vial 201	Bromide	39.5	ug/mL	5	Anions by IC-NP
1601045-DX	B31VR1 vial 201	Calcium	31800	ug/L	168	ICP-OES Vadose-NP
1601045-DX	B31VR1 vial 201	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DX	B31VR1 vial 201	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DX	B31VR1 vial 201	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DX	B31VR1 vial 201	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DX	B31VR1 vial 201	Magnesium	8180	ug/L	13.5	ICP-OES Vadose-NP
1601045-DX	B31VR1 vial 201	Nitrate	36.2	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-DX	B31VR1 vial 201	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DX	B31VR1 vial 201	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DX	B31VR1 vial 201	Potassium	11200	ug/L	806	ICP-OES Vadose-NP
1601045-DX	B31VR1 vial 201	Silicon	2970	ug/L	274	ICP-OES Vadose-NP
1601045-DX	B31VR1 vial 201	Sodium	35300	ug/L	223	ICP-OES Vadose-NP
1601045-DX	B31VR1 vial 201	Strontium	211	ug/L	31.4	ICP-OES Vadose-NP
1601045-DX	B31VR1 vial 201	Sulfate	87.4	ug/mL	7.5	Anions by IC-NP
1601045-DX	B31VR1 vial 201	Sulfur	33700	ug/L	239	ICP-OES Vadose-NP
1601045-DZ	B31VR1 vial 203	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601045-DZ	B31VR1 vial 203	Calcium	31900	ug/L	168	ICP-OES Vadose-NP
1601045-DZ	B31VR1 vial 203	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-DZ	B31VR1 vial 203	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-DZ	B31VR1 vial 203	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-DZ	B31VR1 vial 203	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-DZ	B31VR1 vial 203	Magnesium	8220	ug/L	13.5	ICP-OES Vadose-NP
1601045-DZ	B31VR1 vial 203	Nitrate	36.5	ug/mL	5	Anions by IC-NP
1601045-DZ	B31VR1 vial 203	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-DZ	B31VR1 vial 203	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-DZ	B31VR1 vial 203	Potassium	11300	ug/L	806	ICP-OES Vadose-NP
1601045-DZ	B31VR1 vial 203	Silicon	2930	ug/L	274	ICP-OES Vadose-NP
1601045-DZ	B31VR1 vial 203	Sodium	35400	ug/L	223	ICP-OES Vadose-NP
1601045-DZ	B31VR1 vial 203	Strontium	213	ug/L	31.4	ICP-OES Vadose-NP
1601045-DZ	B31VR1 vial 203	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1601045-DZ	B31VR1 vial 203	Sulfur	34300	ug/L	239	ICP-OES Vadose-NP
1601045-EB	B31VR1 vial 205	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601045-EB	B31VR1 vial 205	Calcium	31300	ug/L	168	ICP-OES Vadose-NP
1601045-EB	B31VR1 vial 205	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-EB	B31VR1 vial 205	Chloride	7.73	ug/mL	2.5	Anions by IC-NP
1601045-EB	B31VR1 vial 205	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-EB	B31VR1 vial 205	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-EB	B31VR1 vial 205	Magnesium	8120	ug/L	13.5	ICP-OES Vadose-NP
1601045-EB	B31VR1 vial 205	Nitrate	36.7	ug/mL	5	Anions by IC-NP
1601045-EB	B31VR1 vial 205	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-EB	B31VR1 vial 205	pH	8.21	pH Units		pH-NP
1601045-EB	B31VR1 vial 205	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-EB	B31VR1 vial 205	Potassium	17700	ug/L	806	ICP-OES Vadose-NP
1601045-EB	B31VR1 vial 205	Silicon	2850	ug/L	274	ICP-OES Vadose-NP
1601045-EB	B31VR1 vial 205	Sodium	34700	ug/L	223	ICP-OES Vadose-NP
1601045-EB	B31VR1 vial 205	Strontium	208	ug/L	31.4	ICP-OES Vadose-NP
1601045-EB	B31VR1 vial 205	Sulfate	87.6	ug/mL	7.5	Anions by IC-NP
1601045-EB	B31VR1 vial 205	Sulfur	34100	ug/L	239	ICP-OES Vadose-NP
1601045-ED	B31VR1 vial 207	Alkalinity as CaCO3	59.8	ug/mL	23.5	Alkalinity-NP
1601045-ED	B31VR1 vial 207	Bromide	40	ug/mL	5	Anions by IC-NP
1601045-ED	B31VR1 vial 207	Calcium	31400	ug/L	168	ICP-OES Vadose-NP
1601045-ED	B31VR1 vial 207	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-ED	B31VR1 vial 207	Chloride	ND	ug/mL	2.5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-ED	B31VR1 vial 207	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-ED	B31VR1 vial 207	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-ED	B31VR1 vial 207	Magnesium	8220	ug/L	13.5	ICP-OES Vadose-NP
1601045-ED	B31VR1 vial 207	Nitrate	37.2	ug/mL	5	Anions by IC-NP
1601045-ED	B31VR1 vial 207	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-ED	B31VR1 vial 207	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-ED	B31VR1 vial 207	Potassium	11300	ug/L	806	ICP-OES Vadose-NP
1601045-ED	B31VR1 vial 207	Silicon	2840	ug/L	274	ICP-OES Vadose-NP
1601045-ED	B31VR1 vial 207	Sodium	35100	ug/L	223	ICP-OES Vadose-NP
1601045-ED	B31VR1 vial 207	Strontium	210	ug/L	31.4	ICP-OES Vadose-NP
1601045-ED	B31VR1 vial 207	Sulfate	90.7	ug/mL	7.5	Anions by IC-NP
1601045-ED	B31VR1 vial 207	Sulfur	34300	ug/L	239	ICP-OES Vadose-NP
1601045-EG	B31VR1 vial 210	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601045-EG	B31VR1 vial 210	Calcium	31400	ug/L	168	ICP-OES Vadose-NP
1601045-EG	B31VR1 vial 210	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-EG	B31VR1 vial 210	Chloride	13	ug/mL	2.5	Anions by IC-NP
1601045-EG	B31VR1 vial 210	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-EG	B31VR1 vial 210	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-EG	B31VR1 vial 210	Magnesium	8160	ug/L	13.5	ICP-OES Vadose-NP
1601045-EG	B31VR1 vial 210	Nitrate	36.6	ug/mL	5	Anions by IC-NP
1601045-EG	B31VR1 vial 210	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-EG	B31VR1 vial 210	pH	8.21	pH Units		pH-NP
1601045-EG	B31VR1 vial 210	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-EG	B31VR1 vial 210	Potassium	23600	ug/L	806	ICP-OES Vadose-NP
1601045-EG	B31VR1 vial 210	Silicon	2750	ug/L	274	ICP-OES Vadose-NP
1601045-EG	B31VR1 vial 210	Sodium	35200	ug/L	223	ICP-OES Vadose-NP
1601045-EG	B31VR1 vial 210	Strontium	209	ug/L	31.4	ICP-OES Vadose-NP
1601045-EG	B31VR1 vial 210	Sulfate	87	ug/mL	7.5	Anions by IC-NP
1601045-EG	B31VR1 vial 210	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601045-EL	B31VR1 vial 215	Bromide	39.5	ug/mL	5	Anions by IC-NP
1601045-EL	B31VR1 vial 215	Calcium	31400	ug/L	168	ICP-OES Vadose-NP
1601045-EL	B31VR1 vial 215	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-EL	B31VR1 vial 215	Chloride	3.9	ug/mL	2.5	Anions by IC-NP
1601045-EL	B31VR1 vial 215	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-EL	B31VR1 vial 215	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-EL	B31VR1 vial 215	Magnesium	8250	ug/L	13.5	ICP-OES Vadose-NP
1601045-EL	B31VR1 vial 215	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-EL	B31VR1 vial 215	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-EL	B31VR1 vial 215	pH	8.12	pH Units		pH-NP
1601045-EL	B31VR1 vial 215	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-EL	B31VR1 vial 215	Potassium	14700	ug/L	806	ICP-OES Vadose-NP
1601045-EL	B31VR1 vial 215	Silicon	2670	ug/L	274	ICP-OES Vadose-NP
1601045-EL	B31VR1 vial 215	Sodium	35500	ug/L	223	ICP-OES Vadose-NP
1601045-EL	B31VR1 vial 215	Strontium	209	ug/L	31.4	ICP-OES Vadose-NP
1601045-EL	B31VR1 vial 215	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1601045-EL	B31VR1 vial 215	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-EQ	B31VR1 vial 220	Alkalinity as CaCO3	56.8	ug/mL	23.5	Alkalinity-NP
1601045-EQ	B31VR1 vial 220	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-EQ	B31VR1 vial 220	Calcium	30800	ug/L	168	ICP-OES Vadose-NP
1601045-EQ	B31VR1 vial 220	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-EQ	B31VR1 vial 220	Chloride	4.89	ug/mL	2.5	Anions by IC-NP
1601045-EQ	B31VR1 vial 220	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-EQ	B31VR1 vial 220	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-EQ	B31VR1 vial 220	Magnesium	8230	ug/L	13.5	ICP-OES Vadose-NP
1601045-EQ	B31VR1 vial 220	Nitrate	37.1	ug/mL	5	Anions by IC-NP
1601045-EQ	B31VR1 vial 220	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-EQ	B31VR1 vial 220	pH	8.16	pH Units		pH-NP
1601045-EQ	B31VR1 vial 220	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-EQ	B31VR1 vial 220	Potassium	15600	ug/L	806	ICP-OES Vadose-NP
1601045-EQ	B31VR1 vial 220	Silicon	2560	ug/L	274	ICP-OES Vadose-NP
1601045-EQ	B31VR1 vial 220	Sodium	35200	ug/L	223	ICP-OES Vadose-NP
1601045-EQ	B31VR1 vial 220	Strontium	206	ug/L	31.4	ICP-OES Vadose-NP
1601045-EQ	B31VR1 vial 220	Sulfate	87	ug/mL	7.5	Anions by IC-NP
1601045-EQ	B31VR1 vial 220	Sulfur	34300	ug/L	239	ICP-OES Vadose-NP
1601045-EV	B31VR1 vial 225	pH	8.15	pH Units		pH-NP
1601045-FA	B31VR1 vial 230	Alkalinity as CaCO3	58.5	ug/mL	23.5	Alkalinity-NP
1601045-FA	B31VR1 vial 230	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601045-FA	B31VR1 vial 230	Calcium	29800	ug/L	168	ICP-OES Vadose-NP
1601045-FA	B31VR1 vial 230	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-FA	B31VR1 vial 230	Chloride	4.5	ug/mL	2.5	Anions by IC-NP
1601045-FA	B31VR1 vial 230	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-FA	B31VR1 vial 230	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-FA	B31VR1 vial 230	Magnesium	8320	ug/L	13.5	ICP-OES Vadose-NP
1601045-FA	B31VR1 vial 230	Nitrate	37.1	ug/mL	5	Anions by IC-NP
1601045-FA	B31VR1 vial 230	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-FA	B31VR1 vial 230	pH	8.17	pH Units		pH-NP
1601045-FA	B31VR1 vial 230	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-FA	B31VR1 vial 230	Potassium	15100	ug/L	806	ICP-OES Vadose-NP
1601045-FA	B31VR1 vial 230	Silicon	2400	ug/L	274	ICP-OES Vadose-NP
1601045-FA	B31VR1 vial 230	Sodium	34200	ug/L	223	ICP-OES Vadose-NP
1601045-FA	B31VR1 vial 230	Strontium	198	ug/L	31.4	ICP-OES Vadose-NP
1601045-FA	B31VR1 vial 230	Sulfate	89.7	ug/mL	7.5	Anions by IC-NP
1601045-FA	B31VR1 vial 230	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601045-FF	B31VR1 vial 235	pH	8.13	pH Units		pH-NP
1601045-FK	B31VR1 vial 240	Alkalinity as CaCO3	58.7	ug/mL	23.5	Alkalinity-NP
1601045-FK	B31VR1 vial 240	Bromide	39.6	ug/mL	5	Anions by IC-NP
1601045-FK	B31VR1 vial 240	Calcium	30000	ug/L	168	ICP-OES Vadose-NP
1601045-FK	B31VR1 vial 240	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-FK	B31VR1 vial 240	Chloride	4.32	ug/mL	2.5	Anions by IC-NP
1601045-FK	B31VR1 vial 240	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-FK	B31VR1 vial 240	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-FK	B31VR1 vial 240	Magnesium	8420	ug/L	13.5	ICP-OES Vadose-NP
1601045-FK	B31VR1 vial 240	Nitrate	37	ug/mL	5	Anions by IC-NP
1601045-FK	B31VR1 vial 240	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-FK	B31VR1 vial 240	pH	8.24	pH Units		pH-NP
1601045-FK	B31VR1 vial 240	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-FK	B31VR1 vial 240	Potassium	15300	ug/L	806	ICP-OES Vadose-NP
1601045-FK	B31VR1 vial 240	Silicon	2350	ug/L	274	ICP-OES Vadose-NP
1601045-FK	B31VR1 vial 240	Sodium	34800	ug/L	223	ICP-OES Vadose-NP
1601045-FK	B31VR1 vial 240	Strontium	198	ug/L	31.4	ICP-OES Vadose-NP
1601045-FK	B31VR1 vial 240	Sulfate	87.4	ug/mL	7.5	Anions by IC-NP
1601045-FK	B31VR1 vial 240	Sulfur	33700	ug/L	239	ICP-OES Vadose-NP
1601045-FU	B31VR1 vial 250	Alkalinity as CaCO3	56.1	ug/mL	23.5	Alkalinity-NP
1601045-FU	B31VR1 vial 250	Bromide	39.5	ug/mL	5	Anions by IC-NP
1601045-FU	B31VR1 vial 250	Calcium	30000	ug/L	168	ICP-OES Vadose-NP
1601045-FU	B31VR1 vial 250	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-FU	B31VR1 vial 250	Chloride	4	ug/mL	2.5	Anions by IC-NP
1601045-FU	B31VR1 vial 250	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-FU	B31VR1 vial 250	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-FU	B31VR1 vial 250	Magnesium	8560	ug/L	13.5	ICP-OES Vadose-NP
1601045-FU	B31VR1 vial 250	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-FU	B31VR1 vial 250	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-FU	B31VR1 vial 250	pH	8.17	pH Units		pH-NP
1601045-FU	B31VR1 vial 250	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-FU	B31VR1 vial 250	Potassium	15400	ug/L	806	ICP-OES Vadose-NP
1601045-FU	B31VR1 vial 250	Silicon	2150	ug/L	274	ICP-OES Vadose-NP
1601045-FU	B31VR1 vial 250	Sodium	35200	ug/L	223	ICP-OES Vadose-NP
1601045-FU	B31VR1 vial 250	Strontium	198	ug/L	31.4	ICP-OES Vadose-NP
1601045-FU	B31VR1 vial 250	Sulfate	89.6	ug/mL	7.5	Anions by IC-NP
1601045-FU	B31VR1 vial 250	Sulfur	33900	ug/L	239	ICP-OES Vadose-NP
1601045-FZ	B31VR1 vial 255	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601045-FZ	B31VR1 vial 255	Calcium	29600	ug/L	168	ICP-OES Vadose-NP
1601045-FZ	B31VR1 vial 255	Cesium 133	ND	ug/L	0.51	ICPMS-RCRA-NP
1601045-FZ	B31VR1 vial 255	Chloride	3.91	ug/mL	2.5	Anions by IC-NP
1601045-FZ	B31VR1 vial 255	Chromium 52	ND	ug/L	1.38	ICPMS-RCRA-NP
1601045-FZ	B31VR1 vial 255	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-FZ	B31VR1 vial 255	Magnesium	8570	ug/L	13.5	ICP-OES Vadose-NP
1601045-FZ	B31VR1 vial 255	Nitrate	36.8	ug/mL	5	Anions by IC-NP
1601045-FZ	B31VR1 vial 255	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-FZ	B31VR1 vial 255	pH	8.16	pH Units		pH-NP
1601045-FZ	B31VR1 vial 255	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-FZ	B31VR1 vial 255	Potassium	15400	ug/L	806	ICP-OES Vadose-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-FZ	B31VR1 vial 255	Silicon	2110	ug/L	274	ICP-OES Vadose-NP
1601045-FZ	B31VR1 vial 255	Sodium	34800	ug/L	223	ICP-OES Vadose-NP
1601045-FZ	B31VR1 vial 255	Strontium	194	ug/L	31.4	ICP-OES Vadose-NP
1601045-FZ	B31VR1 vial 255	Sulfate	87	ug/mL	7.5	Anions by IC-NP
1601045-FZ	B31VR1 vial 255	Sulfur	33700	ug/L	239	ICP-OES Vadose-NP
1601045-GA	B31VR1 vial 256	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-GA	B31VR1 vial 256	Chloride	ND	ug/mL	2.5	Anions by IC-NP
1601045-GA	B31VR1 vial 256	Fluoride	ND	ug/mL	1	Anions by IC-NP
1601045-GA	B31VR1 vial 256	Nitrate	36.9	ug/mL	5	Anions by IC-NP
1601045-GA	B31VR1 vial 256	Nitrite	ND	ug/mL	5	Anions by IC-NP
1601045-GA	B31VR1 vial 256	Phosphate	ND	ug/mL	7.5	Anions by IC-NP
1601045-GA	B31VR1 vial 256	Sulfate	89.4	ug/mL	7.5	Anions by IC-NP
1601045-GB	B31VR1 vial 257	Bromide	39.8	ug/mL	5	Anions by IC-NP
1601045-GC	B31VR1 vial 258	Bromide	39.4	ug/mL	5	Anions by IC-NP
1601045-GD	B31VR1 vial 259	Bromide	39.7	ug/mL	5	Anions by IC-NP
1601045-GE	B31VR1 vial 260	Bromide	39.3	ug/mL	5	Anions by IC-NP
1601045-GF	B31VR1 vial 261	Bromide	39	ug/mL	5	Anions by IC-NP
1601045-GG	B31VR1 vial 262	Bromide	36.9	ug/mL	5	Anions by IC-NP
1601045-GH	B31VR1 vial 263	Bromide	34.6	ug/mL	5	Anions by IC-NP
1601045-GI	B31VR1 vial 264	Bromide	31.1	ug/mL	5	Anions by IC-NP
1601045-GJ	B31VR1 vial 265	Bromide	28.1	ug/mL	5	Anions by IC-NP
1601045-GK	B31VR1 vial 266	Bromide	24.7	ug/mL	5	Anions by IC-NP
1601045-GL	B31VR1 vial 267	Bromide	21.4	ug/mL	5	Anions by IC-NP
1601045-GM	B31VR1 vial 268	Bromide	18.8	ug/mL	5	Anions by IC-NP
1601045-GN	B31VR1 vial 269	Bromide	16.4	ug/mL	5	Anions by IC-NP
1601045-GO	B31VR1 vial 270	Bromide	14.1	ug/mL	5	Anions by IC-NP
1601045-GP	B31VR1 vial 271	Bromide	12.3	ug/mL	5	Anions by IC-NP
1601045-GQ	B31VR1 vial 272	Bromide	10.8	ug/mL	5	Anions by IC-NP
1601045-GR	B31VR1 vial 273	Bromide	9.54	ug/mL	5	Anions by IC-NP
1601045-GS	B31VR1 vial 274	Bromide	8.3	ug/mL	5	Anions by IC-NP
1601045-GT	B31VR1 vial 275	Bromide	7.26	ug/mL	5	Anions by IC-NP
1601045-GU	B31VR1 vial 276	Bromide	6.37	ug/mL	5	Anions by IC-NP
1601045-GV	B31VR1 vial 277	Bromide	5.61	ug/mL	5	Anions by IC-NP
1601045-GW	B31VR1 vial 278	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-GX	B31VR1 vial 279	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-GY	B31VR1 vial 280	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HA	B31VR1 vial 282	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HB	B31VR1 vial 283	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HC	B31VR1 vial 284	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HD	B31VR1 vial 285	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HE	B31VR1 vial 286	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HF	B31VR1 vial 287	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HG	B31VR1 vial 288	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HH	B31VR1 vial 289	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HI	B31VR1 vial 290	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HK	B31VR1 vial 292	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HM	B31VR1 vial 294	Bromide	ND	ug/mL	5	Anions by IC-NP

LabNumber	SampleName	Analyte	Result	Units	EQL	Analysis
1601045-HO	B31VR1 vial 296	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HQ	B31VR1 vial 298	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HS	B31VR1 vial 300	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-HX	B31VR1 vial 305	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-IC	B31VR1 vial 310	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-IH	B31VR1 vial 315	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-IM	B31VR1 vial 320	Bromide	ND	ug/mL	5	Anions by IC-NP
1601045-IR	B31VR1 vial 325	Bromide	ND	ug/mL	5	Anions by IC-NP

Strontium-90 by Scintillation Counting and Cesium-137 by GEA/Acid Extracts

LabNumber	SampleName	Analyte	Sr-90 (pCi/g)	Units
1507016-05	<2mm composite AE	strontium-90	26.0	pCi/g
1507016-10	B31VH2 <2mm AE	strontium-90	38967	pCi/g
1507016-11	B31VN3 <2mm AE	strontium-90	5913	pCi/g
1507016-05	<2mm composite AE	cesium-137	<4.42	pCi/g
1507016-10	B31VH2 <2mm AE	cesium-137	39029	pCi/g
1507016-11	B31VN3 <2mm AE	cesium-137	<4.12	pCi/g

Strontium-90 by Scintillation Counting, Cesium-137 by GEA and Cr(VI) by ICP-MS/Special Extracts (Batch sorption)

LabNumber	SampleName	Analyte	Results	Units
1512004-01	100KE 3 day batch	Strontium-90	<3.01	pCi/g
1512004-02	100KE 7 day batch	Strontium-90	<3.01	pCi/g
1512004-03	100KE 14 day batch	Strontium-90	<3.06	pCi/g
1512004-04	B31VH2 3 day	Strontium-90	107	pCi/g
1512004-05	B31VH2 7 day	Strontium-90	104	pCi/g
1512004-06	B31VH2 14 day	Strontium-90	107	pCi/g
1512004-07	B31VN3 3 day	Strontium-90	228	pCi/g
1512004-08	B31VN3 7 day	Strontium-90	311	pCi/g
1512004-09	B31VN3 14 day	Strontium-90	277	pCi/g
1512004-01	100KE 3 day batch	Cesium-137	<3.58	pCi/g
1512004-02	100KE 7 day batch	Cesium-137	<3.58	pCi/g
1512004-03	100KE 14 day batch	Cesium-137	<3.64	pCi/g
1512004-04	B31VH2 3 day	Cesium-137	10.5	pCi/g
1512004-05	B31VH2 7 day	Cesium-137	8.72	pCi/g
1512004-06	B31VH2 14 day	Cesium-137	7.81	pCi/g
1512004-07	B31VN3 3 day	Cesium-137	<2.85	pCi/g
1512004-08	B31VN3 7 day	Cesium-137	<3.83	pCi/g
1512004-09	B31VN3 14 day	Cesium-137	<3.38	pCi/g
1512004-04	B31VH2 3 day	Chromium (VI)	0.052	ug/g dry
1512004-05	B31VH2 7 day	Chromium (VI)	0.044	ug/g dry
1512004-06	B31VH2 14 day	Chromium (VI)	0.046	ug/g dry

Appendix B
Photographs of Sediment Samples

Photographs of samples from borehole C8796

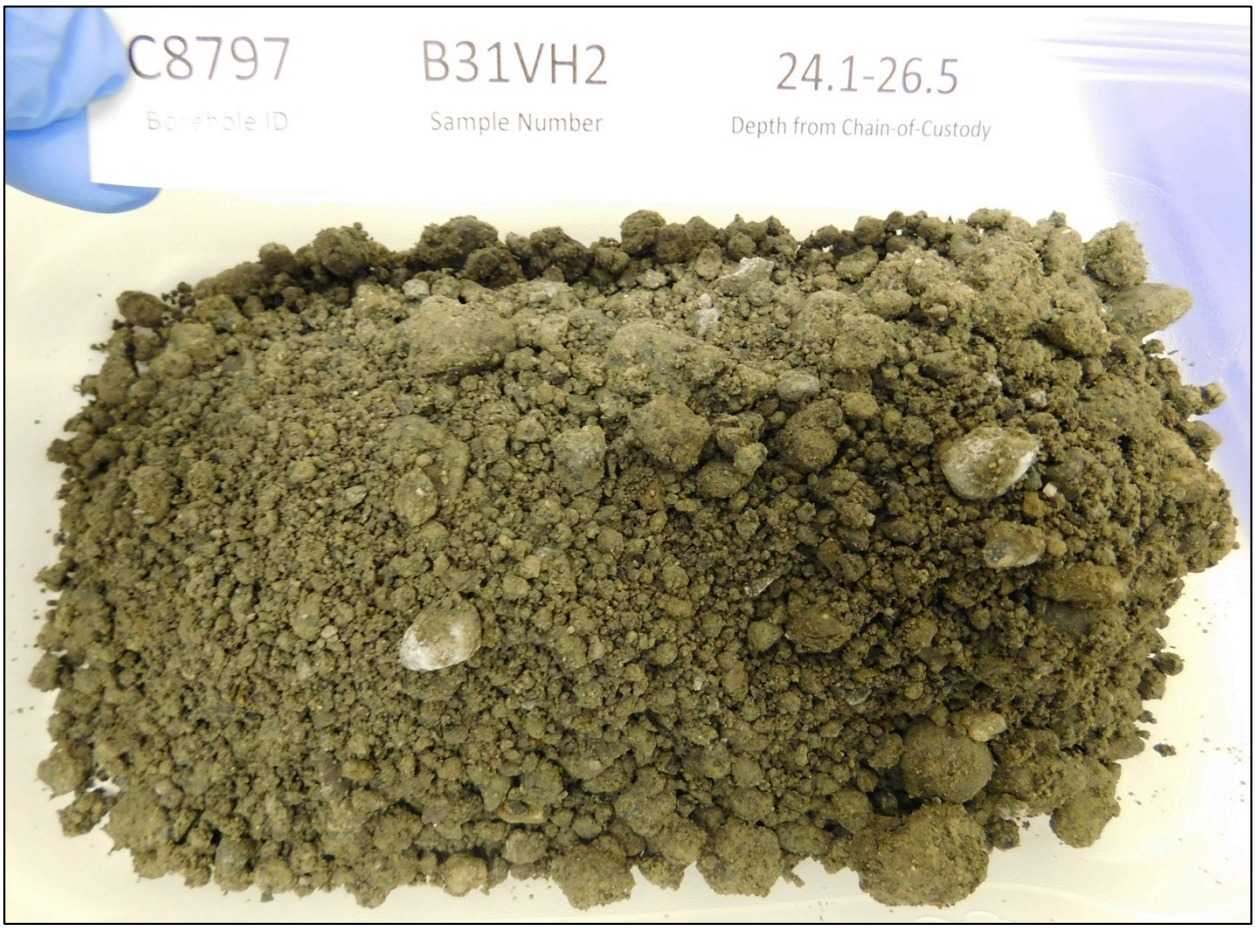

C8796
B31F23
46.1 – 48.6
Liner C


C8796
Borehole ID
B31F24
Sample Number
49.5-50.5
Depth from Chain-of-Custody

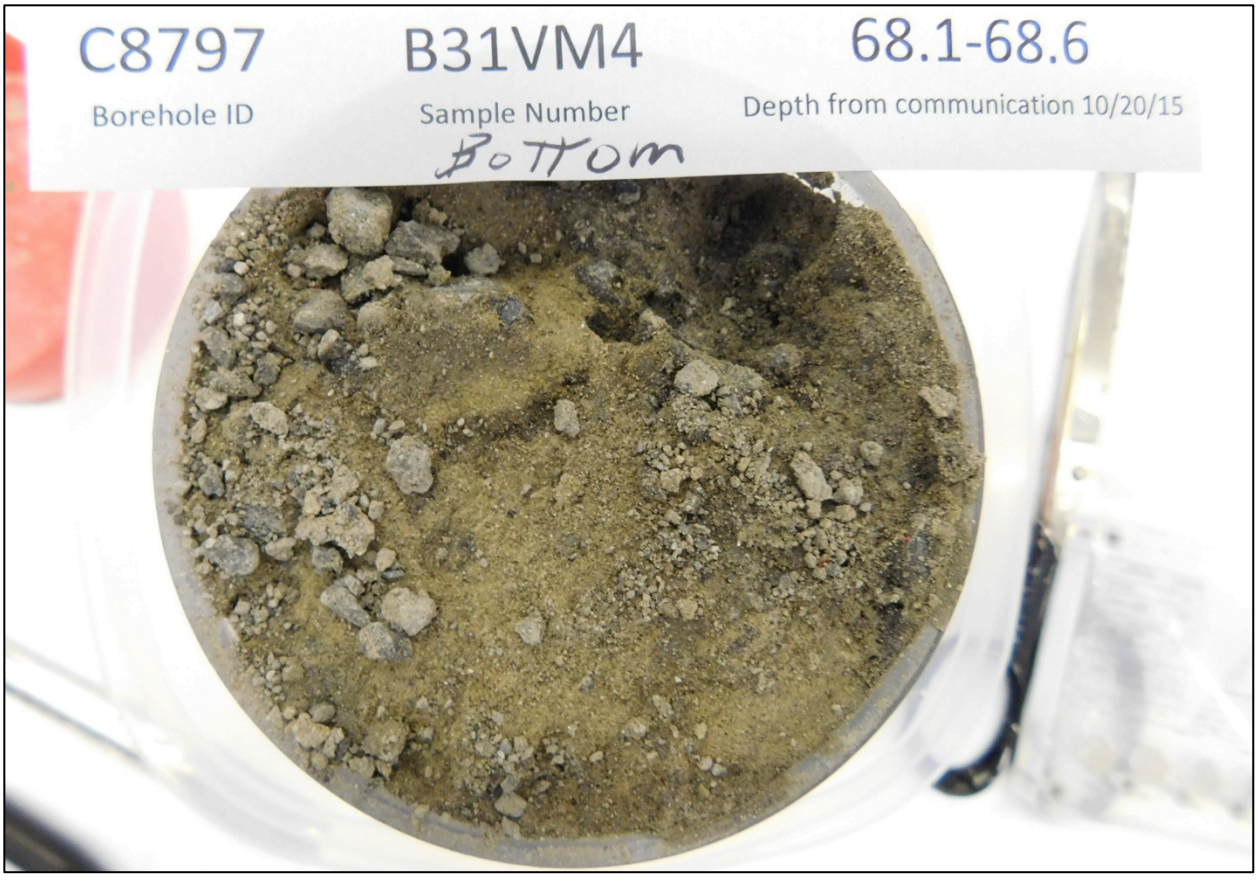

CAUTN
C8796
Borehole ID
B30RF3
Sample Number
49.5-51.0
Depth from Chain-of-Custody


CUTION
C8796
Borehole ID
B31F25
Sample Number
50.5-51.4
Depth from Chain-of-Custody

Photographs of samples from borehole C8797




C8797
Borehole ID
B31VM4
Sample Number
68.1-68.6
Depth from communication 10/20/15


C8797
Borehole ID
B31VM4
Sample Number
BOTTOM
68.1-68.6
Depth from communication 10/20/15


C8797
Borehole ID
B31VN3
Sample Number
71.6-72.5
Depth from Chain-of-Custody


C8797
Borehole ID
B31VR1
Sample Number
86.2-86.7
84.7-87.2
Depth from communication 10/20/15


C8797
Borehole ID
B31VR1
Sample Number
Bottom
86.2-86.7
84.7-87.2
Depth from communication 10/20/15

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-027-108	PAGE 1 OF 1
COLLECTOR Brotherton	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** TODAK, D	**PRICE CODE** 8H	**DATA TURNAROUND**
SAMPLING LOCATION C8796, Interval 12	**PROJECT DESIGNATION** 100-KE Characterization Boreholes - Soil		**SAF NO.** F15-027	**AIR QUALITY** ☐	**30 Days / 30 Days**
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-645-3 p 13	**ACTUAL SAMPLE DEPTH** 46.1'-48.6 ft.	**COA** 303581	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	**ORIGINAL**
SHIPPED TO Environmental Sciences Laboratory	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B30RD9

PRESERVATION	None
HOLDING TIME	6 Months
TYPE OF CONTAINER	~~P~~ JLH 5/18/15 Liner
NO. OF CONTAINER(S)	1
VOLUME	~~1~~ JLH 1000g 5/18/15
SAMPLE ANALYSIS	Generic Testing;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B31F23	SOIL	5-18-15	1344	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
Brotherton	5-18-15 1430	SSU # 2	5-18-15 1430
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
SSU #2	7-15-15 1014	E.L. Kauer/CHPRC	7-15-15 1014
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
E.L. Kauer/CHPRC	7-15-15 1015	SSU-1	7-15-15 1050
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
SSU-1	JUL 16 2015 0700	K.C. Patterson/CHPRC	JUL 16 2015 0700
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
K.C. Patterson/CHPRC	JUL 16 2015 09:30	M. Snyder	JUL 16 2015 09:30
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**

SPECIAL INSTRUCTIONS
TRVL-15-037

TRVL-15-037

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

PRINTED ON 5/11/2015

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-027-109	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** TODAK, D	**PRICE CODE** ~~65~~ ~~8H~~ 8H JLH 6/11/15	**DATA TURNAROUND** ~~7~~ ~~30~~ Days / ~~7~~ ~~30~~ 30 Days JLH 6/11/15
SAMPLING LOCATION C8796, Interval 13	**PROJECT DESIGNATION** 100-KE Characterization Boreholes - Soil		**SAF NO.** F15-027	**AIR QUALITY** ☐	
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-645-3/7	**ACTUAL SAMPLE DEPTH** 49.5 50.5 ft.	**COA** 303581	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	**ORIGINAL**
SHIPPED TO Environmental Sciences Laboratory	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B30RF1

PRESERVATION	None
HOLDING TIME	6 Months
TYPE OF CONTAINER	P
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	Generic Testing;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B31F24	SOIL	6-8-15	09:36	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
D.L. Floyd/CHPRC	MAY 08 2015 1235	SSU #2	MAY 08 2015 1235
SSU #2	7-15-15 1014	E.L. Kauer/CHPRC	7-15-15 1014
E.L. Kauer/CHPRC	7-15-15 1050	SSU-1	7-15-15 1050
SSU-1	JUL 16 2015 0700	K.C. Patterson/CHPRC	JUL 16 2015 0700
K.C. Patterson/CHPRC	JUL 16 2015 0930	M. Snyder/M. Snyder	JUL 16 2015 0930

SPECIAL INSTRUCTIONS
TRVL-15-037

TRVL-15-037
1.71 KG

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

PRINTED ON 5/11/2015

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-027-026	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** TODAK, D	**PRICE CODE** ~~E05~~ ~~SN~~ SN JLH 6/11/15	**DATA TURNAROUND** 45 45 ~~45 Days~~ / ~~45~~ 45 Days JLH 6/11/15
SAMPLING LOCATION C8796, Interval 14 REQ	**PROJECT DESIGNATION** 100-KE Characterization Boreholes - Soil		**SAF NO.** F15-027	**AIR QUALITY** ☐	
ICE CHEST NO.	**FIELD LOGBOOK NO.** ~~HNF-N~~-645-3/7	**ACTUAL SAMPLE DEPTH** ft. 49.5 - 51	**COA** 303581	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	**ORIGINAL**
SHIPPED TO Environmental Sciences Laboratory	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B30RF4

PRESERVATION	None
HOLDING TIME	6 Months
TYPE OF CONTAINER	P
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	Generic Testing;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B30RF3	SOIL	4-8-15	09:49	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
D.L. Floyd/CHPRC	MAY 08 2015 1235	SSU #2	MAY 08 2015 1235
SSU #2	JUL 15 2015 1014	T.L. BACON/CHPRC T.L. Bacon	JUL 15 2015 1014
T.L. BACON/CHPRC T.L. Bacon	JUL 15 2015 ~~1044~~ 1050 ~~7-15-15 TLB~~	SSU-1	JUL 15 2015 1050
SSU-1	JUL 16 2015 0700	K.C. Patterson/CHPRC	JUL 16 2015 0700
K.C. Patterson/CHPRC	JUL 16 2015 09:30	M. Snyder/M. Snyder	JUL 16 2015 09:30
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**

SPECIAL INSTRUCTIONS
TRVL-15-037

TRVL-15-037
1.504 KG's

LABORATORY SECTION	**RECEIVED BY**		**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**		**DISPOSED BY**	**DATE/TIME**

PRINTED ON 5/11/2015

A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-027-110	PAGE 1 OF 1
COLLECTOR D.L. Floyd/CHPRC	**COMPANY CONTACT** SUMNER, LC	**TELEPHONE NO.** 376-3922	**PROJECT COORDINATOR** TODAK, D	**PRICE CODE** 8H	**DATA TURNAROUND**
SAMPLING LOCATION C8796, Interval 15	**PROJECT DESIGNATION** 100-KE Characterization Boreholes - Soil		**SAF NO.** F15-027	**AIR QUALITY** ☐	30 Days / 30 Days
ICE CHEST NO.	**FIELD LOGBOOK NO.** ~~HNF-N-645-3~~ / >	**ACTUAL SAMPLE DEPTH** 50.5 51.4 ft.	**COA** 303581	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	**ORIGINAL**
SHIPPED TO Environmental Sciences Laboratory	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B30RF6

PRESERVATION	None
HOLDING TIME	6 Months
TYPE OF CONTAINER	P
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	Generic Testing;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B31F25	SOIL	4-8-15	10:04	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
D.L. Floyd/CHPRC	MAY 08 2015 1235	SSU #2	MAY 08 2015 1235
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
SSU #2	JUL 15 2015 1014	T.L. BACON/CHPRC T.L. Bacon	JUL 15 2015 1014
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
T.L. BACON/CHPRC T.L. Bacon	JUL 15 2015 1050	SSU-1	JUL 15 2015 1050
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
SSU-1	JUL 16 2015 0700	K.C. Patterson/CHPRC	JUL 16 2015 0700
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
K.C. Patterson/CHPRC	JUL 16 2015 09:30	M. Snyder/M. Snyder	JUL 16 2015 09:30
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**

SPECIAL INSTRUCTIONS
TRVL-15-037

TRVL-15-037
1-5/2 KGS

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

PRINTED ON 5/11/2015

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-027-148	PAGE 1 OF 1
COLLECTOR E.L. Kauer/CHPRC	**COMPANY CONTACT** TODAK, D	**TELEPHONE NO.** 376-6427	**PROJECT COORDINATOR** TODAK, D	**PRICE CODE** 8H	**DATA TURNAROUND** ~~30~~ 45 Days / ~~30~~ 45 Days 6/22/15 KW
SAMPLING LOCATION C8797, Interval 4	**PROJECT DESIGNATION** 100-KE Characterization Boreholes - Soil		**SAF NO.** F15-027	**AIR QUALITY** ☐	
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-645 3 of 15	**ACTUAL SAMPLE DEPTH** 24.1 - 26.5 ft	**COA** 303581	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	**ORIGINAL**
SHIPPED TO Environmental Sciences Laboratory	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B31VH3

PRESERVATION	None
HOLDING TIME	6 Months
TYPE OF CONTAINER	P
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	Generic Testing;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	✓
B31VH2	SOIL	7-23-15	1113	✓

CHAIN OF POSSESSION		SIGN/ PRINT NAMES	
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	**DATE/TIME** JUL 23 2015 1330	**RECEIVED BY/STORED IN** SSU #2	**DATE/TIME** JUL 23 2015 1330
RELINQUISHED BY/REMOVED FROM SSU #2	**DATE/TIME** 10-7-15 0830	**RECEIVED BY/STORED IN** ed Kauer E.L. Kauer	**DATE/TIME** 10-7-15 0830
RELINQUISHED BY/REMOVED FROM ed Kauer E.L. Kauer	**DATE/TIME** 10-7-15 16:00	**RECEIVED BY/STORED IN** U. Snyder / M. Snyder	**DATE/TIME** 10-7-15 16:00
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**
RELINQUISHED BY/REMOVED FROM	**DATE/TIME**	**RECEIVED BY/STORED IN**	**DATE/TIME**

SPECIAL INSTRUCTIONS
** The GKI associated with this SAF shall be provided to 222-S laboratory prior to sample receipt. TRV;-15-113

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

PRINTED ON 6/19/2015 **FSR ID = FSR1269** **TRVL NUM = TRVL-15-113** A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-027-190	PAGE 1 OF 1
COLLECTOR D. Wisht	**COMPANY CONTACT** TODAK, D	**TELEPHONE NO.** 376-6427	**PROJECT COORDINATOR** TODAK, D	**PRICE CODE** 8H	**DATA TURNAROUND** 45 30 Days / 30 45 KW 6/22/15 Days
SAMPLING LOCATION C8797, Interval 18	**PROJECT DESIGNATION** 100-KE Characterization Boreholes - Soil		**SAF NO.** F15-027	**AIR QUALITY** ☐	
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-645 3 - 16	**ACTUAL SAMPLE DEPTH** 66.9 → 69.1 FT	**COA** 303581	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	**ORIGINAL**
SHIPPED TO Environmental Sciences Laboratory	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B31VM5

PRESERVATION	None
HOLDING TIME	6 Months
TYPE OF CONTAINER	P
NO. OF CONTAINER(S)	1
VOLUME	~~1L~~ JLH 8/11/15 Liner
SAMPLE ANALYSIS	Generic Testing;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B31VM4	SOIL	8/11/15	1424	V

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D. Wisht ~~FRCH~~	8/11/15 1070	SSU #2	8/11/15 1030
SSU #2	10-7-15 0830	Ed Kwon ENPRO	10-7-15 0830
Ed Kwon ENPRO	10-7-15 11:00	U. Snyder / M. Snyder	10-7-15 11:00

SPECIAL INSTRUCTIONS
** The GKI associated with this SAF shall be provided to 222-S laboratory prior to sample receipt. TRV;-15-113

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

PRINTED ON 6/19/2015 **FSR ID = FSR1283** **TRVL NUM = TRVL-15-113** A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-027-199	PAGE 1 OF 1
COLLECTOR D.E. WIGHT/CHPRC	**COMPANY CONTACT** TODAK, D	**TELEPHONE NO.** 376-6427	**PROJECT COORDINATOR** TODAK, D	**PRICE CODE** 8H	**DATA TURNAROUND** ~~30~~ 45 Days / ~~30~~ 45 Days
SAMPLING LOCATION C8797, Interval 21	**PROJECT DESIGNATION** 100-KE Characterization Boreholes - Soil		**SAF NO.** F15-027	**AIR QUALITY** ☐	
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-645 3 - 26	**ACTUAL SAMPLE DEPTH** 71.6-72.5	**COA** 303581	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	**ORIGINAL**
SHIPPED TO Environmental Sciences Laboratory	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B31VN4

PRESERVATION	None
HOLDING TIME	6 Months
TYPE OF CONTAINER	P
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	Generic Testing;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B31VN3	SOIL	9-16-15	0855	✓

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D.E. WIGHT/CHPRC	SEP 16 2015 1411	SSU #2	SEP 16 2015 1411
SSU #2	10-7-15 0830	E. Kinne	10-7-15 0830
E. Kinne	10-7-15 11:00	M. Snyder / M. Snyder	10-7-15 11:00

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS
** The GKI associated with this SAF shall be provided to 222-S laboratory prior to sample receipt. TRV;-15-113

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

PRINTED ON 6/19/2015 **FSR ID = FSR1286** **TRVL NUM = TRVL-15-113** A-6003-618 (REV 2)

CH2MHill Plateau Remediation Company	CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST			F15-027-217	PAGE 1 OF 1
COLLECTOR D.E. WIGHT/CHPRC	**COMPANY CONTACT** TODAK, D	**TELEPHONE NO.** 376-6427	**PROJECT COORDINATOR** TODAK, D	**PRICE CODE** 8H	**DATA TURNAROUND** ~~30~~ 45 Days / ~~30~~ 45 KW Days 9/22/15
SAMPLING LOCATION C8797, Interval 26	**PROJECT DESIGNATION** 100-KE Characterization Boreholes - Soil		**SAF NO.** F15-027	**AIR QUALITY** ☐	
ICE CHEST NO.	**FIELD LOGBOOK NO.** HNF-N-645 3 - Pg 19	**ACTUAL SAMPLE DEPTH** 84.7-87.2	**COA** 303581	**METHOD OF SHIPMENT** GOVERNMENT VEHICLE	**ORIGINAL**
SHIPPED TO Environmental Sciences Laboratory	**OFFSITE PROPERTY NO.**		**BILL OF LADING/AIR BILL NO.**		

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B31VR2

PRESERVATION	None
HOLDING TIME	6 Months
TYPE OF CONTAINER	~~P~~ Split Spoon Liner JCH 8/27/15
NO. OF CONTAINER(S)	1
VOLUME	1L
SAMPLE ANALYSIS	Generic Testing;

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B31VR1	SOIL	8-27-15	1217	✓

CHAIN OF POSSESSION / **SIGN/ PRINT NAMES**

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
D.E. WIGHT/CHPRC	AUG 27 2015 1300	SSU #2	AUG 27 2015 1300
SSU #2	10-7-15 0830	Eddie Kaiser	10-7-15 0830
Eddie Kaiser	10-7-15 11:00	U. Snyder / M. Snyder	10-7-15 11:00

SPECIAL INSTRUCTIONS
** The GKI associated with this SAF shall be provided to 222-S laboratory prior to sample receipt. TRV;-15-113

LABORATORY SECTION	**RECEIVED BY**	**TITLE**	**DATE/TIME**
FINAL SAMPLE DISPOSITION	**DISPOSAL METHOD**	**DISPOSED BY**	**DATE/TIME**

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