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Savannah River Site

**2015 Annual Groundwater Monitoring Report
For the F- and H-Area Radioactive Liquid Waste Tank
Farms (U)**

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Victor E. Millings, III
SC RPG #2411

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March 14, 2016

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and
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Introduction

This report presents the results of groundwater monitoring at the F-Area and H-Area Radioactive Liquid Waste Tank Farms for calendar year 2015. As required by the Industrial Wastewater General Closure Plans for the F-Area Tank Farm (FTF) (LWO-RIP-2009-00009) and H-Area Tank Farm (HTF) (SRR-CWDA-2011-00022), groundwater sampling will be conducted during the interim period from the time individual waste tanks and ancillary equipment are removed from service through post-closure groundwater monitoring defined in final Records of Decision for the FTF and HTF Operable Units. In December 2012, the Environmental Protection Agency (EPA) and the South Carolina Department of Health and Environmental Control (SCDHEC) approved new Sampling and Analysis Plans (SAPs) for both FTF and HTF. The approved *F-Area Tank Farm Groundwater Sampling and Analysis Plan (SRNS-RP-2012-00287 Rev. 1)* and the *H-Area Tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan (SRNS-RP-2012-00146 Rev. 1)* provide specific details of the groundwater monitoring programs.

During scoping of the monitoring strategy and development of the sampling plans, the U.S. Department of Energy (DOE), EPA, and SCDHEC identified gaps in the existing well coverage. Subsequently, new wells were installed at agreed to locations at both the FTF and HTF to fill as many data gaps as possible. Placement of additional future wells is limited by existing active utilities and operating facilities and additional well installation will not be possible until closure of the FTF and HTF.

In 2015, SRS performed sampling according to the SAPs for the FTF and HTF. SRS collected samples during the first and third/fourth calendar year quarters for 12 of 13 wells (one well was dry) at the FTF and 46 wells at the HTF. During both sampling events FTF background well FBG001D was dry. Table 1 provides a list of wells sampled for each facility monitoring program.

During 2015, SRS recorded 56.7 inches of precipitation as measured at the H-Area weather station. This amount of precipitation was greater than the 30-year average (47.2 inches per year) and is considered above normal rainfall for SRS. At the FTF average groundwater elevations for the Upper Aquifer Zone (UAZ) and Lower Aquifer Zone (LAZ) are approximately 220 and 209 ft above mean sea level (msl), respectively. In 2015, FTF UAZ elevations were close to normal levels and LAZ elevations were nearly 3 feet above normal. At the HTF average groundwater elevations for the UAZ and LAZ are approximately 270 and 250 ft above msl, respectively. In 2015, HTF UAZ and LAZ elevations were within 1 foot of normal levels.

Overall, the monitoring results, presented in Attachments A and B, are similar to those from past years. In 2015, no results indicated new releases to groundwater. The water level measurements showed flow paths similar to those from past years.

Setting

The SRS lies in the Atlantic Coastal Plain, a southeast-dipping wedge of unconsolidated and semi-consolidated sediment, which extends from its contact with the Piedmont at the Fall Line to the continental shelf edge. At SRS, coastal plain sediments thicken from approximately 700 ft at the northwest boundary to 1,400 ft at the southeast boundary and form a series of aquifers and confining units. At the FTF and HTF, shallow groundwater occurs within the Floridan Aquifer System and flows toward streams and swamps. Horizontal and vertical movement of the groundwater is controlled by the depth to which local streams cut into the sediments. The valleys of smaller perennial streams such as Fourmile Branch and Crouch Branch allow discharge from the shallow water table aquifer while larger streams like Upper Three Runs receive discharge from deeper aquifers. Figure 1 shows the location of the tank farms along with topographic and hydrologic features.

The FTF and HTF reside on coastal plain sediments consisting of alternating sequences of sands, silts, and clays. The Upper Three Runs Aquifer (UTRA) is the shallowest aquifer beneath the tank farms. A semi-continuous confining unit called the Tan Clay Confining Zone divides the UTRA into the UAZ and the LAZ. The water table occurs in the UAZ at both tank farms. A more continuous aquitard, the Gordon Confining Unit (GCU), underlies the UTRA and confines the Gordon Aquifer Unit (GAU). Figure 2 depicts the regional lithostratigraphic units and their corresponding hydrostratigraphic units.

The tank farms are located between two surface streams, Upper Three Runs and Fourmile Branch. A groundwater divide is present beneath both tank farms and shallow groundwater flow roughly mirrors surface topography flowing “radially” outward toward both Upper Three Runs and Fourmile Branch. At the divide groundwater tends to migrate downward and slightly away from the divide until the horizontal gradient becomes more dominant and results in water flowing toward the creeks. Figure 3 illustrates groundwater flow at the divide using a conceptual cross section. The divide does not affect groundwater in the deeper GAU, which flows northwest to Upper Three Runs.

Table 1. Wells included in the FTF and HTF groundwater monitoring programs

Facility	Well	Aquifer	Screen Depth (ft)	Ground Elevation (ft)	UTM North	UTM East
FTF	FBG001C	LAZ	90 - 105	299.39	3682791.7	437085.5
FTF	FBG001D	UAZ	66 - 76	299.32	3682793.5	437083.0
FTF	FTF 19	UAZ	57 - 87	285.3	3682598.5	436869.3
FTF	FTF 20	UAZ	57 - 87	285.3	3682537.4	436849.6
FTF	FTF 22	UAZ	42 - 72	284.6	3682471.5	436895.6
FTF	FTF 23	UAZ	53 - 83	284.2	3682466.8	436961.4
FTF	FTF 28	LAZ	132 - 142	293.92	3682536.2	436731.6
FTF	FTF 29	LAZ	120 - 140	297.79	3682655.3	436637.7
FTF	FTF 9R	UAZ	80 - 90	292.97	3682659.3	436711.9
FTF	FTF 12R	UAZ	84 - 94	289.53	3682606.5	436779.6

Facility	Well	Aquifer	Screen Depth (ft)	Ground Elevation (ft)	UTM North	UTM East
FTF	FTF 30	LAZ	100 - 110	293.58	3682464.6	436822.5
FTF	FTF 30D	UAZ	70 - 80	293.42	3682467.1	436820.6
FTF	FTF 31	LAZ	96 - 106	292.97	3682406.3	436961.2
HTF	HAA 1A	GAU	186 - 196	290.9	3682656.7	440708.1
HTF	HAA 1C	LAZ	134 - 144	291.4	3682656.2	440714.1
HTF	HAA 1D	UAZ	10 - 30	291.8	3682655.9	440717.3
HTF	HAA 2B	LAZ	154 - 164	291.2	3682611.9	440099.7
HTF	HAA 2C	LAZ	109 - 119	290.9	3682611.6	440096.7
HTF	HAA 2D	UAZ	10 - 30	290.8	3682611.4	440093.8
HTF	HAA 4B	LAZ	164 - 174	298.9	3683044.3	440027.1
HTF	HAA 4C	LAZ	130 - 140	298.8	3683042.6	440024.6
HTF	HAA 4D	UAZ	23 - 43	298.7	3683040.8	440022.1
HTF	HAA 7B	LAZ	142 - 152	287.32	3682733.1	439842.2
HTF	HAA 7C	LAZ	100 - 110	287.17	3682734.2	439839.3
HTF	HAA 7D	UAZ	15 - 35	287.06	3682735.2	439836.4
HTF	HAA 8B	LAZ	143 - 153	287.14	3682799.8	439720.0
HTF	HAA 8C	LAZ	105 - 115	287.05	3682799.9	439717.0
HTF	HAA 8D	UAZ	15 - 35	287.07	3682796.9	439716.8
HTF	HAA 9B	LAZ	133 - 143	281.36	3682923.1	439714.2
HTF	HAA 9C	LAZ	100 - 110	281.53	3682920.2	439715.1
HTF	HAA 9D	UAZ	14 - 34	281.76	3682926.3	439716.0
HTF	HAA 10B	LAZ	143 - 153	286.79	3682942.5	439843.1
HTF	HAA 10C	LAZ	109 - 119	286.53	3682940.7	439840.7
HTF	HAA 10D	UAZ	13 - 33	286.57	3682938.9	439838.2
HTF	HAA 11B	LAZ	141 - 151	290.37	3682999.9	439865.2
HTF	HAA 11C	LAZ	110 - 120	290.65	3682999.9	439865.2
HTF	HAA 11D	UAZ	16 - 36	290.84	3683002.9	439867.8
HTF	HAA 12B	LAZ	155 - 165	299.23	3683061.0	439948.3
HTF	HAA 12C	LAZ	120 - 130	299.51	3683064.0	439950.9
HTF	HAA 12D	UAZ	35 - 55	299.65	3683067.1	439953.5
HTF	HAA 13B	LAZ	160 - 170	303.51	3683109.8	440015.9
HTF	HAA 13C	LAZ	127 - 137	303.59	3683112.9	440018.5
HTF	HAA 13D	UAZ	25 - 45	303.59	3683115.9	440023.7
HTF	HAA 14B	LAZ	160 - 170	305.04	3683158.6	440115.8
HTF	HAA 14C	LAZ	134 - 144	305.07	3683160.4	440118.3
HTF	HAA 14D	UAZ	32 - 52	305.22	3683162.1	440120.7
HTF	HAA 15B	LAZ	169 - 179	308.33	3683231.8	440214.8
HTF	HAA 15C	LAZ	137 - 147	308.28	3683227.7	440217.9
HTF	HAA 15D	UAZ	32 - 52	308.16	3683224.3	440220.2
HTF	HAA 17C	LAZ	147 - 157	302.63	3683124.6	440445.1
HTF	HAA 17D	UAZ	52 - 72	302.52	3683122.8	440446.3
HTF	HAA 18C	LAZ	135 - 145	291.56	3683156.7	440520.3
HTF	HAA 18D	UAZ	41 - 61	291.37	3683158.7	440524.1

Facility	Well	Aquifer	Screen Depth (ft)	Ground Elevation (ft)	UTM North	UTM East
HTF	HAA 19C	LAZ	133 - 143	287.81	3683141.4	440596.6
HTF	HAA 19D	UAZ	26 - 41	287.58	3683143.0	440598.7
HTF	HAA 20C	LAZ	125 - 135	290.31	3682649.9	440033.6
HTF	HAA 20D	UAZ	44 - 64	290.16	3682651.0	440029.2
HTF	HAA 21C	LAZ	105 - 115	288.9	3682697.0	439941.5
HTF	HAA 21D	UAZ	34 - 54	288.88	3682698.1	439938.5

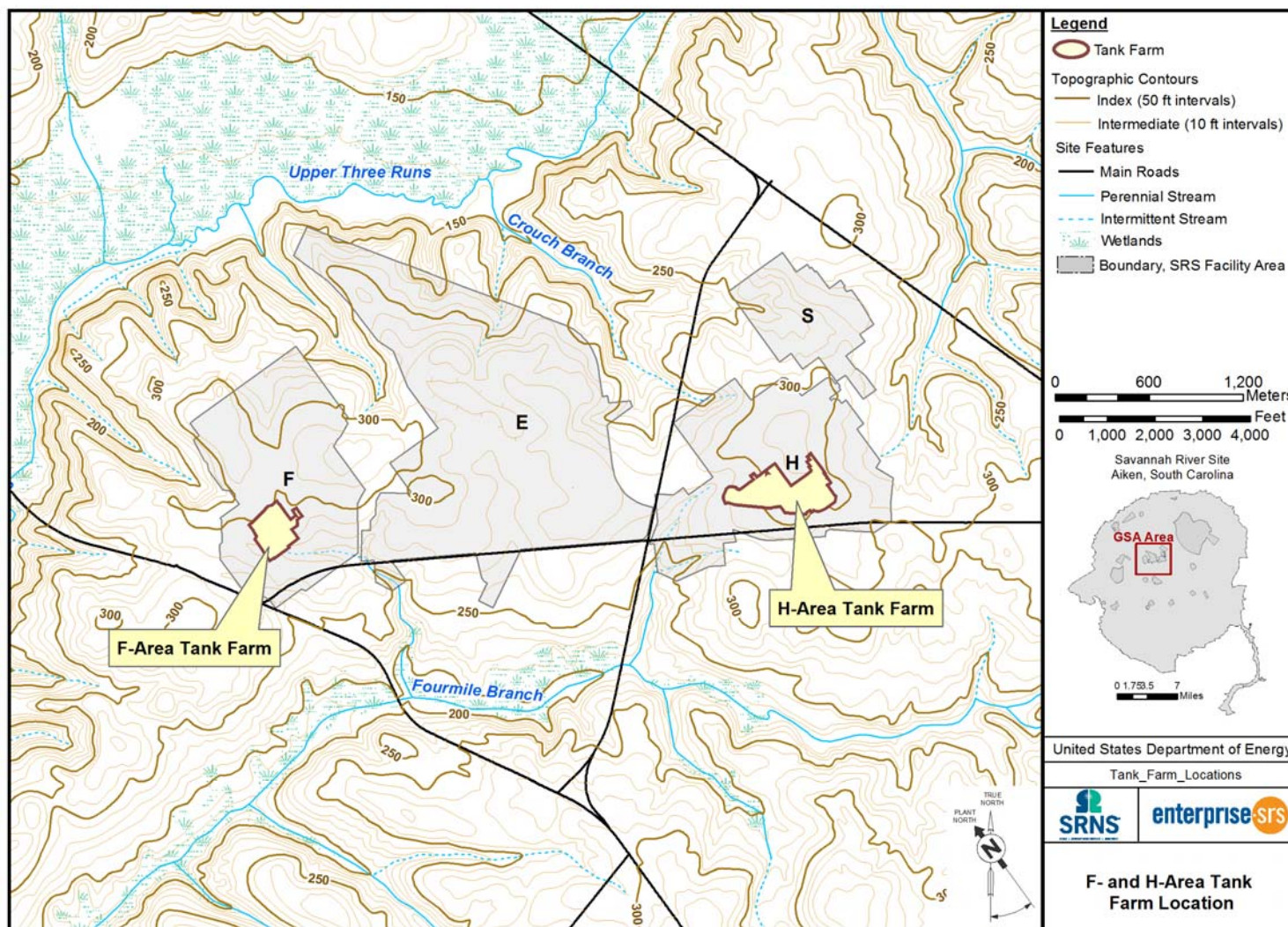


Figure 1. Locations of the F-Area and H-Area Tank Farms

Epochs		Lithostratigraphy (modified from Fallaw and Price 1995)		Hydrostratigraphy (modified from Aadland et al.)					Southeastern Coastal Plain Hydrogeologic Province			
				Northern SRS		Central-Southern SRS		SRS				
Miocene		Altamaha		Steed Pond Aquifer	M-Area Aquifer Zone	Upper Three Runs Aquifer	Upper Zone			Floridan Aquifer System		
Tertiary	Eocene	Tobacco Road Formation					Tan Clay Confining Zone					
		Dry Branch Formation	Irwinton Sand Mbr Twiggs Clay Mbr Griffith's Landing Mbr				Lower Zone					
							Santee Formation					
	Paleocene	Warley Hill Formation					Green Clay Confining Zone				Gordon Confining Unit	
		Congaree Formation					Lost Lake Aquifer Zone				Gordon Aquifer Unit	
		Fourmile Branch Formation					Crouch Branch Confining Unit				Meyers Branch Confining System	
Snapp Formation												
Lang Syne Formation												
Cretaceous	Sawdust Landing Formation		Crouch Branch Aquifer				Dublin-Midville Aquifer System					
	Steel Creek Formation											
	Black Creek Formation							McQueen Branch Confining Unit				
	Middendorf Formation							McQueen Branch Aquifer				
	Cape Fear Formation							Undifferentiated				
		Paleozoic Crystalline Basement Rock or Triassic Newark Supergroup		Piedmont Hydrogeologic Province								

Figure 2. Lithostratigraphic and Hydrostratigraphic units at the F-Area and H-Area Tank Farms

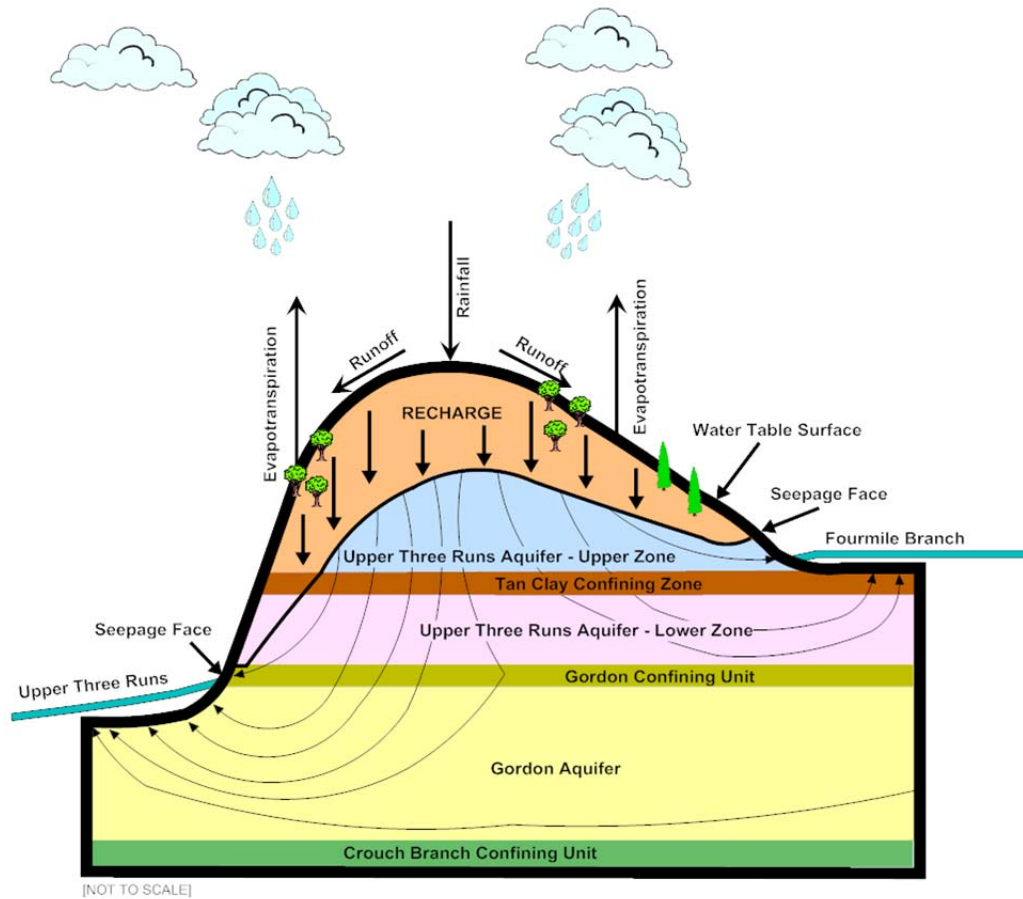


Figure 3. Surface and groundwater flow at the General Separations Area

Groundwater Monitoring at F-Area Tank Farm

The groundwater monitoring plan for the FTF includes sampling twice per year at a network of thirteen monitoring wells consisting of six existing wells and seven newer wells installed in 2012. The well network is located around the down-gradient perimeter of the FTF and includes wells screened in the UAZ (7) and LAZ (4) and two background wells (UAZ and LAZ). The network of thirteen wells provides coverage to detect any releases that may occur at the FTF. Figure 4 shows the monitoring locations. Figure 5 illustrates the groundwater flow directions and regional water levels.

In 2015, SRS sampled all thirteen FTF monitoring wells in the first and third/fourth calendar quarters. All of the wells were sampled as scheduled except for well FBG001D, the background well in the UAZ. The water table is thin in the area of FBG001D and even though the well screen is located at the bottom of the aquifer, not enough water was present to collect for sampling in either quarter after repeated attempts. However, samples were successfully collected from LAZ background well FBG001C. Figures 6 and 7 provide the 2015 water level maps from the third/fourth quarter of 2015 for the UAZ and LAZ, respectively.

As required by the SAP, samples were analyzed for gross alpha, nonvolatile beta, tritium, nitrate-nitrite, cadmium, chromium, manganese, and sodium. In addition, technetium-99 was analyzed to provide information on existing technetium-99 activities. The constituents for monitoring were selected based on the most prominent chemical and radiological species present in the FTF during operations, waste removal, and tank closure activities, as well as constituents known to be present from previous groundwater sampling. As provided in the SAP, SRS performs contingent analyses for specific radionuclides if screening results for gross alpha or nonvolatile beta exceed trigger levels of 15 pCi/L and 50 pCi/L, respectively. In 2015, wells FTF 28 and FTF 12R exceeded a screening trigger level (nonvolatile beta) and contingency analyses were performed. The results of the contingency analyses are discussed in more detail below.

Attachment A contains the laboratory results and field measurements for FTF monitoring wells including field duplicates, split samples, and laboratory duplicate samples. All data were verified and validated, while at least 10% of the data received supplemental validation to meet the more stringent definitive-level data criteria. Table 2a provides a summary of the 2015 monitoring results and for comparison, a summary of historical monitoring results is provided in Table 2b.

Overall, the monitoring results are similar to those from previous years. Laboratory results indicate low concentrations of nitrate-nitrite, nonvolatile beta, and tritium in most wells, consistent with past results. In addition, manganese and sodium, which are naturally occurring in aquifer sediments at SRS, were also detected in nearly every well. Results for specific constituents are discussed in more detail below.

Nitrate-nitrite

Nitrate-nitrite was detected in every well at the FTF. Consistent with past results, concentrations of nitrate-nitrite in groundwater at the FTF are very low and less than the maximum contaminant level (MCL) (10 mg/L) for nitrate in all samples. The maximum concentration was 8.5 mg/L and occurred in the LAZ background well FBG 1C.

Tritium

Tritium was detectable in most wells at the FTF, but was below the drinking water standard (20 pCi/mL) in every well. In previous years, tritium was detected greater than the MCL in UAZ well FTF 30D. Tritium levels over time at FTF 30D were: 81.3 pCi/mL (2013), 53.6 and 16.1 pCi/mL (2014), and 16.7 and 10.3 pCi/mL (2015). Up gradient of FTF 30 D, the tritium levels are very low. The maximum tritium concentration at up gradient UAZ wells FTF 20 and FTF 22 was 1.84 pCi/mL. The maximum tritium result from the remaining wells sampled at the FTF was 6.24 pCi/mL in well FTF 19. Although tritium is now below the MCL at FTF 30D, SRS will continue to monitor and evaluate tritium at the FTF.

Gross Alpha

Gross alpha was detectable in approximately half of the 31 samples, but only two samples (a regular sample and a laboratory duplicate for well FTF 12R) were above the laboratory sample quantitation limit (SQL). The maximum gross alpha concentration (22.4 pCi/L) was detected at well FTF 12R. The alpha radiation is likely from the decay of radon-222 detected at FTF 12R. Overall, gross alpha concentrations were consistent with results from 2014.

Cadmium and Chromium

All results for chromium were qualified “u” or “j” meaning the constituent was either not detected or tentatively identified but the result was below the SQL and thus cannot be accurately quantified. Approximately half of the cadmium results were non-detect and only one result was above the SQL. Similar to 2013 and 2014, the only positive cadmium result occurred at background well FBG001C. The maximum result for cadmium was 0.59 µg/L and did not exceed the MCL (5 µg/L). Cadmium and chromium were not detected in many of the samples and all of the detected concentrations were below the MCLs. The 2015 monitoring results are consistent with results from previous years.

Manganese and Sodium

Manganese and sodium are naturally occurring in the aquifer sediments at SRS. In 2015, manganese exceeded the drinking water regional screening level (RSL) (320 µg/L) at one well (FTF 9R) with a maximum concentration of 395 µg/L (significantly lower than 2013 and 2014 maximum results). A second manganese sample was collected in December of 2015 at FTF 9R and the result was much lower (59.5 µg/L). The background concentration for manganese (190 µg/L) was also elevated compared to most of the FTF monitoring wells. Manganese levels at the remaining wells were below 100 µg/L.

The elevated manganese results occur in new wells installed during 2012. Manganese concentrations in all of the older existing wells, both near the waste tanks and down gradient of the tanks, were less than 100 µg/L. In addition to elevated concentrations

occurring at new wells, in most cases the maximum concentration occurred shortly after the well was installed. Figure 8 shows decreasing concentrations of manganese after installation for most wells. For example, the maximum concentration measured in 2012 was 1,990 µg/L at well FTF 30. Samples collected from FTF 30 in 2012 and 2013 produced results of 935, 335, and 163 µg/L respectively. Similar decreases were observed at new wells FBG 001C, FTF 12R, and FTF 30D. SRS believes the downward trend in manganese concentration is due to improved well development over time caused by purging during sample collection. The reductions in manganese appear unrelated to turbidity because turbidity values have been less than 10 NTUs in every well except for FTF 30D. The time trend graph in Figure 8 shows that manganese concentrations in all of the new wells have decreased to below the RSL.

The only exception to the decreasing trend following well installation was well FTF 9R. In this well, following installation, manganese concentrations increased from 1,090 µg/L to 2,060 µg/L. Unlike the other new wells, FTF 9R is located immediately adjacent to the F Area Inactive Process Sewer Line (FIPSL), which formerly transported low-level radioactive wastewater from the separation facilities to disposal basins, located south of the FTF. The FIPSL is a vitrified clay pipeline, is known to have leaked, and is a known source of contamination at F Area. Past releases from the FIPSL may have caused manganese to be more readily available for leaching to groundwater. SRS has reached the conclusion that groundwater quality at FTF 9R has been either directly or indirectly impacted by the FIPSL. In 2014 and 2015, manganese concentrations at FTF 9R have decreased. The February 2015 sample was only slightly greater than the RSL at 395 µg/L. However, the December 2015 manganese result was significantly lower at 59.5 µg/L and is now within the range of the other FTF monitoring wells. SRS will continue to monitor and evaluate manganese trends at the FTF.

Sodium levels were the highest at wells FTF 20 and FTF 22. The maximum sodium concentration was 15,400 µg/L at FTF 22. Background concentrations for sodium were also higher than half of the other monitoring wells, which averaged approximately 6,200 µg/L. There is no MCL or RSL for sodium.

Nonvolatile Beta

Nonvolatile beta was detected above the SQL in 11 of 31 samples. However, only seven of the eleven detections exceeded the screening level of 50 pCi/L, with four from well FTF 28 and three from FTF 12R. Nonvolatile beta has historically been elevated in FTF 28 and this has been documented in previous groundwater reports. In 2015, levels at FTF 28 ranged from 670 pCi/L to the maximum of 827 pCi/L. As shown in Figure 9 concentrations were similar to previous years. At FTF 12R, prior to 2014, nonvolatile beta has been below 50 pCi/L in previous samples. However, in 2014, nonvolatile beta levels in FTF 12R were 51.7 and 297 pCi/L, and in 2015, the levels were 93.1 and 158 pCi/L. Contingent analyses (e.g., beta/gamma speciation) were performed on samples from FTF 12R and FTF 28 to determine the isotope(s) responsible for the beta radiation. The results of the contingent analyses are discussed below.

The 2015 monitoring continues to indicate the existence of a nonvolatile beta plume in the LAZ downgradient of the FTF. The plume extends from FTF 28 to the southwest

through well FSL 11C for approximately 3,000 feet and the extent is monitored by the General Separations Area Western Groundwater Operable Unit. As reported in previous years, leaks from the FIPSL are the likely source of the plume. Acidic wastewater containing beta-emitting isotopes including technetium-99, leaked in the area near FTF 28. Due to the acidic nature of the wastewater, it is expected that groundwater near the release would also be acidic. In 2015, groundwater in the LAZ beneath the FTF had an average pH of 5.8. As shown in Figure 10, the hydrogen ion content at FTF 28 is significantly elevated compared to nearby wells in the same aquifer and thus the pH is much lower (pH 4.9) indicating that FTF 28 has likely been impacted by the FIPSL. Figure 11 illustrates the approximate extent of the nonvolatile beta plume.

Contingency analyses were performed for FTF 28 and FTF 12R. The additional analyses are provided in Attachment A. The only constituents detected were bismuth-214 (189 pCi/L), lead-214 (194 pCi/L), nickel-63 (4.01J pCi/L), radium-226 (2.55 pCi/L), radium-228 (1.69 pCi/L), strontium-90 (3.91 pCi/L), and technetium-99 (1,290 pCi/L). Nickel, radium, and strontium were below the MCLs.

In addition to technetium-99, elevated levels of bismuth-214 and lead-214 were measured in wells FTF 12R and FTF 28. The presence of these isotopes indicates the decay of radium-226 into radon-222. The decay of radon daughter products produces elevated levels of beta radiation associated with the decay of bismuth-214 and lead-214. Since the level of technetium-99 at FTF 12R is much lower than FTF 28, the decay of radon is likely the source of most of the nonvolatile beta measured at FTF 12R.

Technetium-99

Technetium-99 has previously been detected in wells FTF 28 and FTF12R, and has previously been greater than the MCL (900 pCi/L) in well FTF 28. In 2015, technetium-99 levels were essentially the same as last year at 1,420 pCi/L at FTF 28. Concentration trends for technetium-99 and nonvolatile beta in well FTF 28 are provided in Figure 9. At well FTF 12R technetium-99 was 152 pCi/L and similar to levels measured last year. SRS will continue to monitor nonvolatile beta and technetium-99 at well FTF 28 and for technetium-99 for well FTF 12R, when nonvolatile beta exceeds 50 pCi/L.

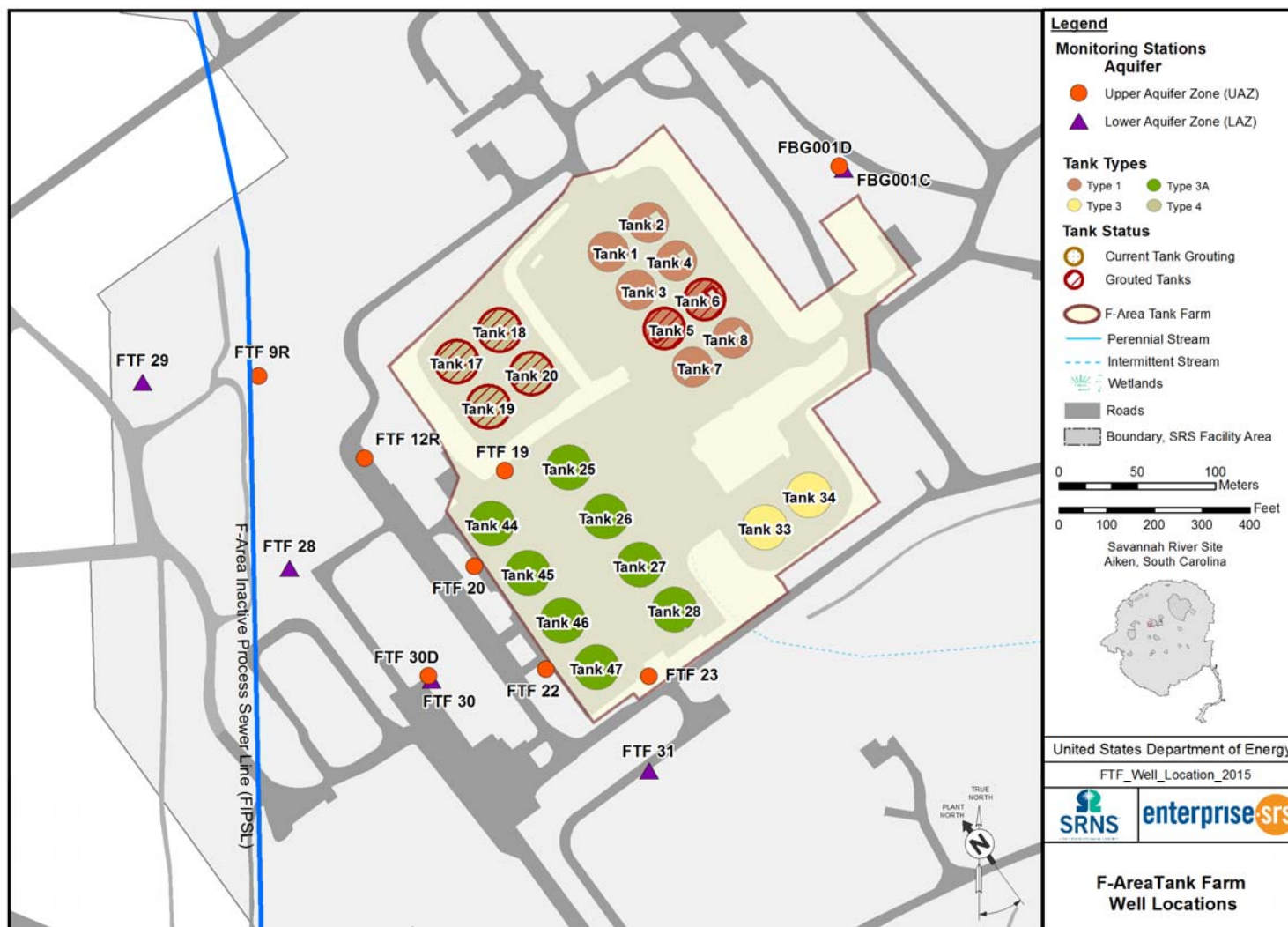


Figure 4. Location of wells for the FTF groundwater monitoring network

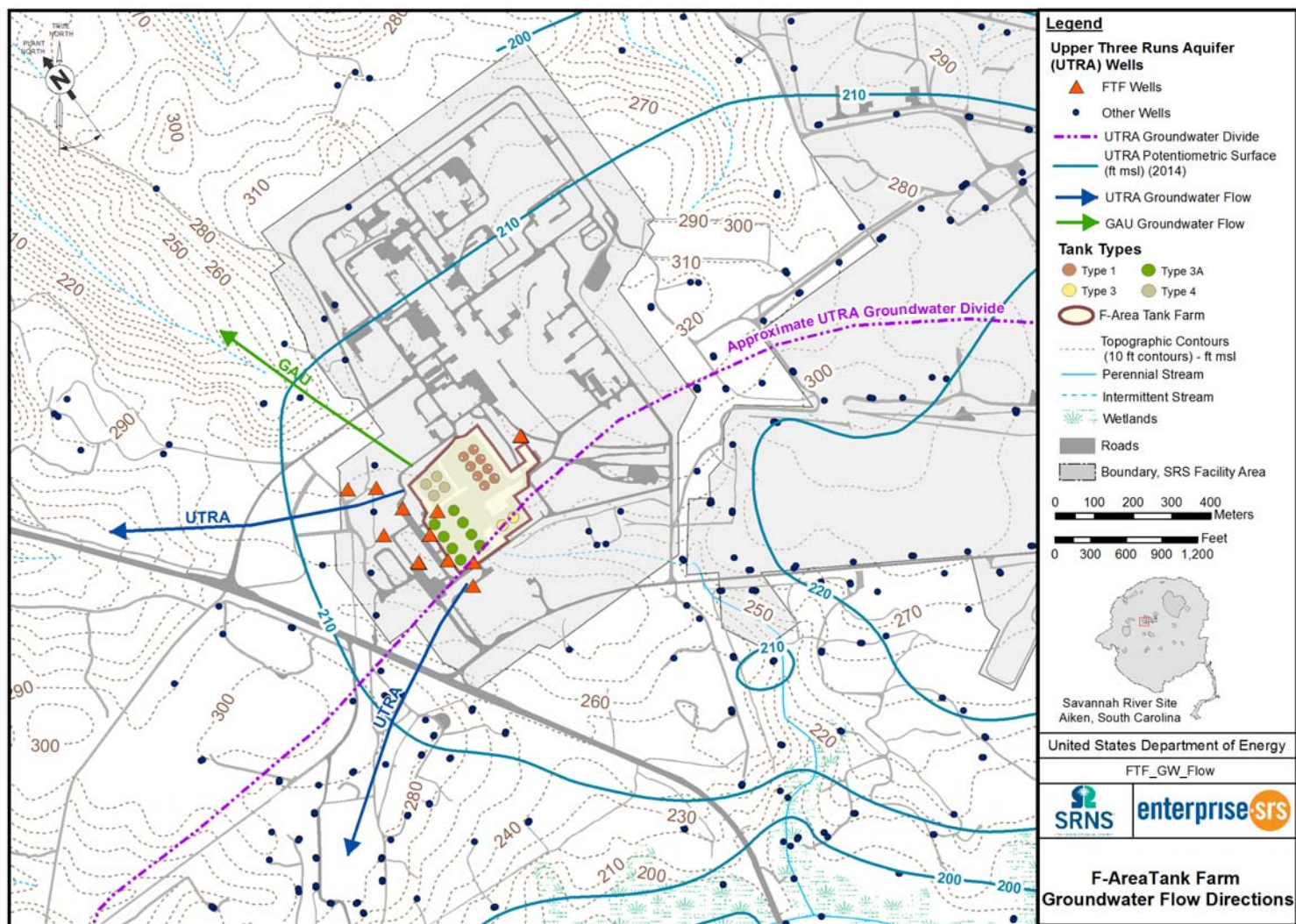


Figure 5. Potentiometric surface and groundwater flow directions at the FTF

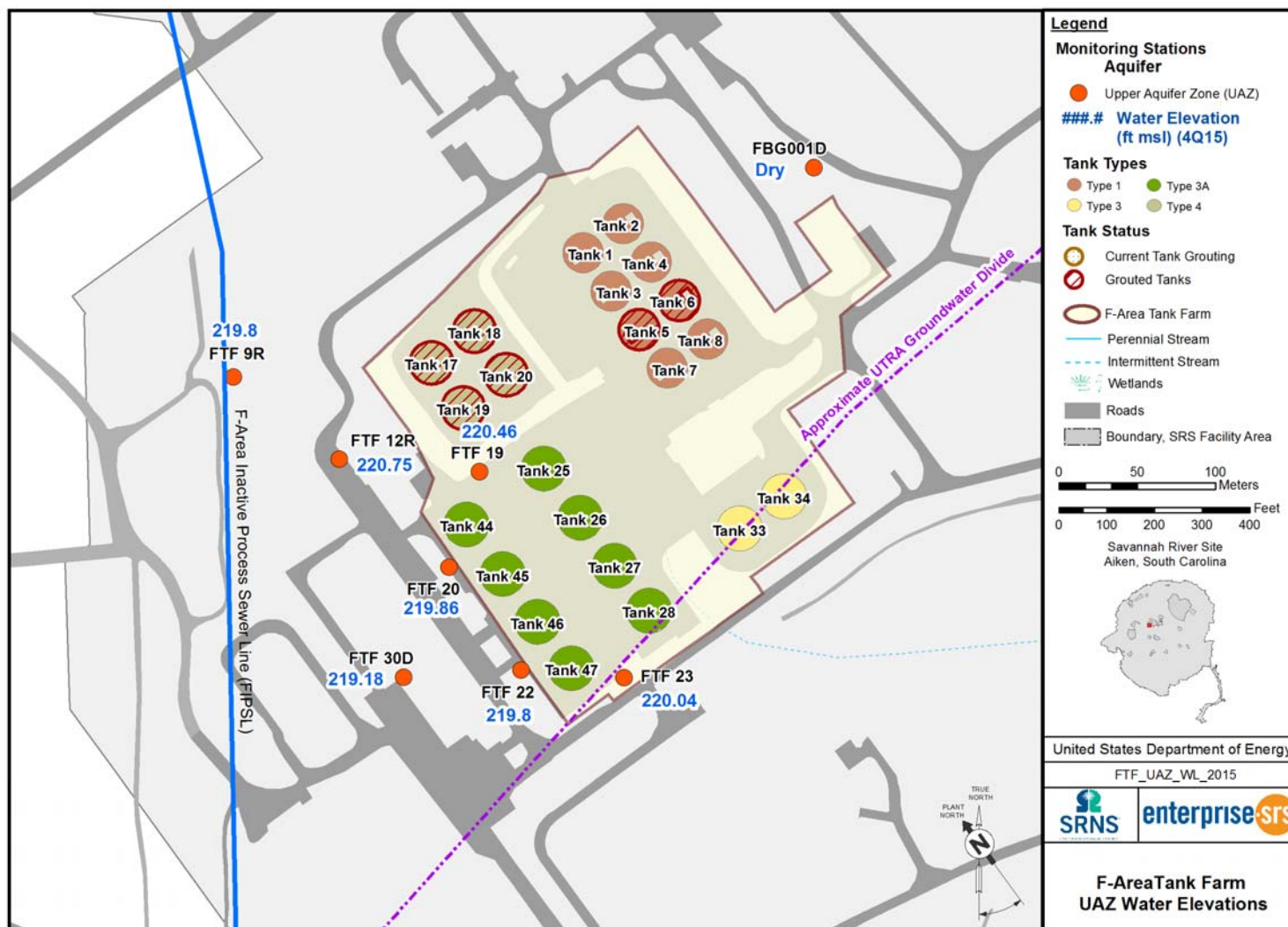


Figure 6. Water elevation (ft msl) for the UAZ of the UTRA during the fourth quarter of 2015

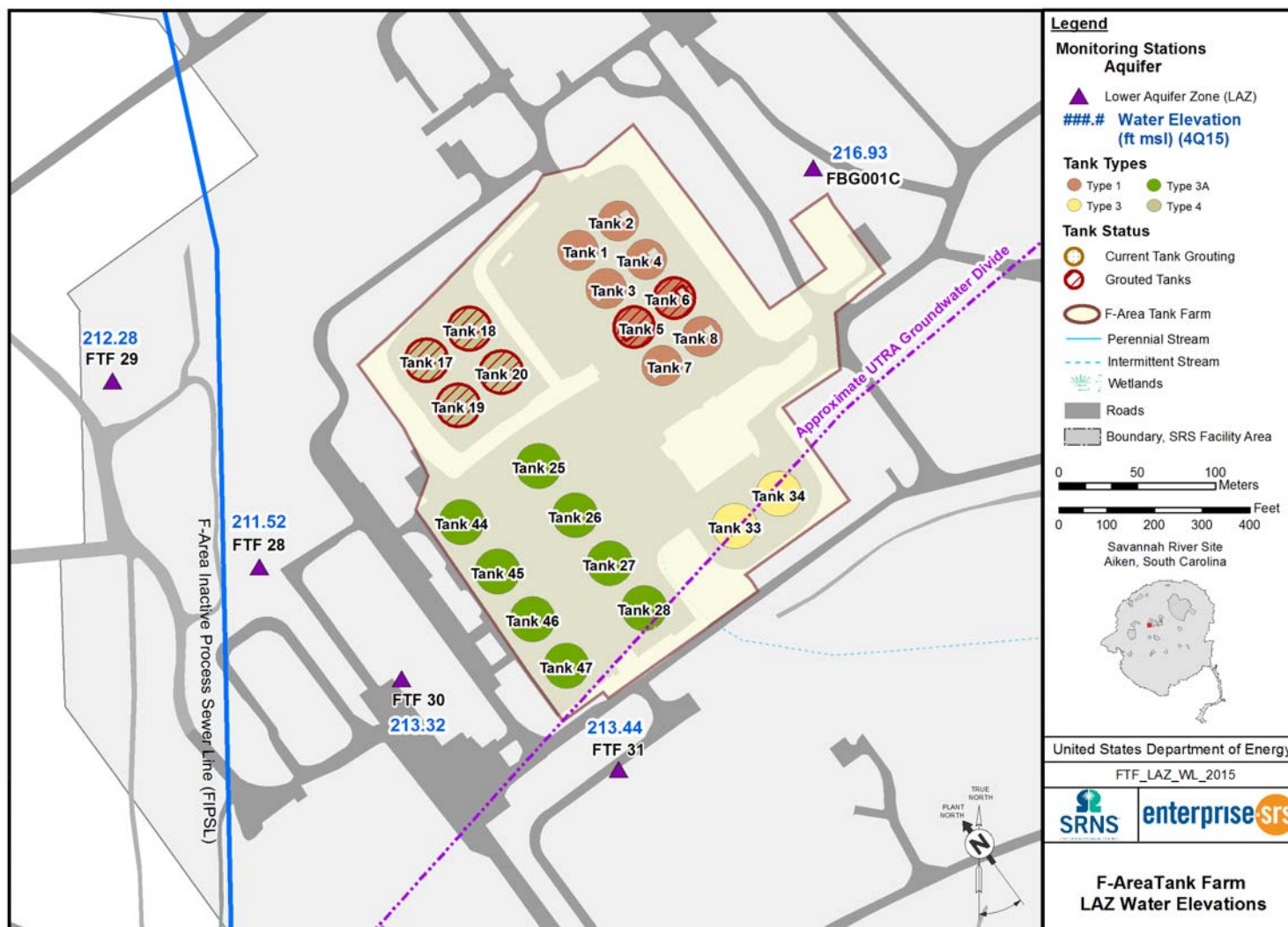


Figure 7. Water elevation (ft msl) for the LAZ of the UTRA during the fourth quarter of 2015

Table 2a. Summary of 2015 monitoring results for the F-Area Tank Farm

Analyte	Number of Samples ^a	Number of Non-Detects	Number of Results > SQL ^b	Result Average ^e	Result Maximum ^f	MCL/ RSL	Number of Results > MCL/RSL ^c
Nitrate/Nitrite	30	0	30	3.13 mg/L	8.5 mg/L	10 mg/L	0
Cadmium	30	14	1	0.42 µg/L	0.59 µg/L	5 µg/L	0
Chromium	30	28	0	6.4 µg/L	NA	100 µg/L	0
Manganese	30	1	21	67.7 µg/L	395 µg/L	320 µg/L	1
Sodium	30	0	30	6,251 µg/L	15,440 µg/L	NA	NA
Gross Alpha	31	15	3	5.8 pCi/L	22.4 pCi/L	15 pCi/L	2
Nonvolatile Beta	31	9	11	155 pCi/L	827 pCi/L	50 pCi/L	7 ^d
Tritium	31	0	26	3 pCi/mL	16.7 pCi/mL	20 pCi/mL	0
Technetium-99	15	6	6	626 pCi/L	1,420 pCi/L	900 pCi/L	4 ^d

a. Includes regular, duplicate, and split samples

b. SQL = laboratory Sample Quantitation Limit

c. MCL = Maximum Contaminant Level or RSL = Regional Screening Level for drinking water

d. Nonvolatile Beta > MCL at two wells (FTF 28 and FTF 12R), Technetium-99 > MCL at one well (FTF 28)

e. Average of results > laboratory method detection limit

f. Maximum of results > SQL

Table 2b. Summary of historical groundwater monitoring results for the F-Area Tank Farm

Constituent	Number of Samples ^a	Number of Non-Detects	Number of Results > SQL ^b	Result Range ^e	Result Average ^d	MCL/RSL	Units	Number of Results > MCL/RSL ^c
Nitrate/Nitrite	178	0	178	0.0762-7.5	2.62	10	mg/L	0
Cadmium	106	59	6	U-1.87	0.47	5	µg/L	0
Chromium	159	114	0	U-26.7J	2.69	100	µg/L	0
Manganese	100	6	74	U-2,060	190.10	320	µg/L	16
Sodium	159	7	152	U-33,300J	7,027.74	NA	µg/L	NA
Gross Alpha	195	97	23	U-30.5	5.15	15	pCi/L	3
Nonvolatile Beta	195	57	83	U-959	156.24	50	pCi/L	48
Tritium	190	7	184	U-81.3	3.84	20	pCi/mL	3
Technetium-99	71	31	31	U-1,340	662.15	900	pCi/L	21

a. Includes regular, duplicate, and split samples

b. SQL = laboratory Sample Quantitation Limit

c. MCL = Maximum Contaminant Level, RSL = Regional Screening Level for drinking water

d. Average of results > laboratory method detection limit

e. U = non-detect, J = estimated result

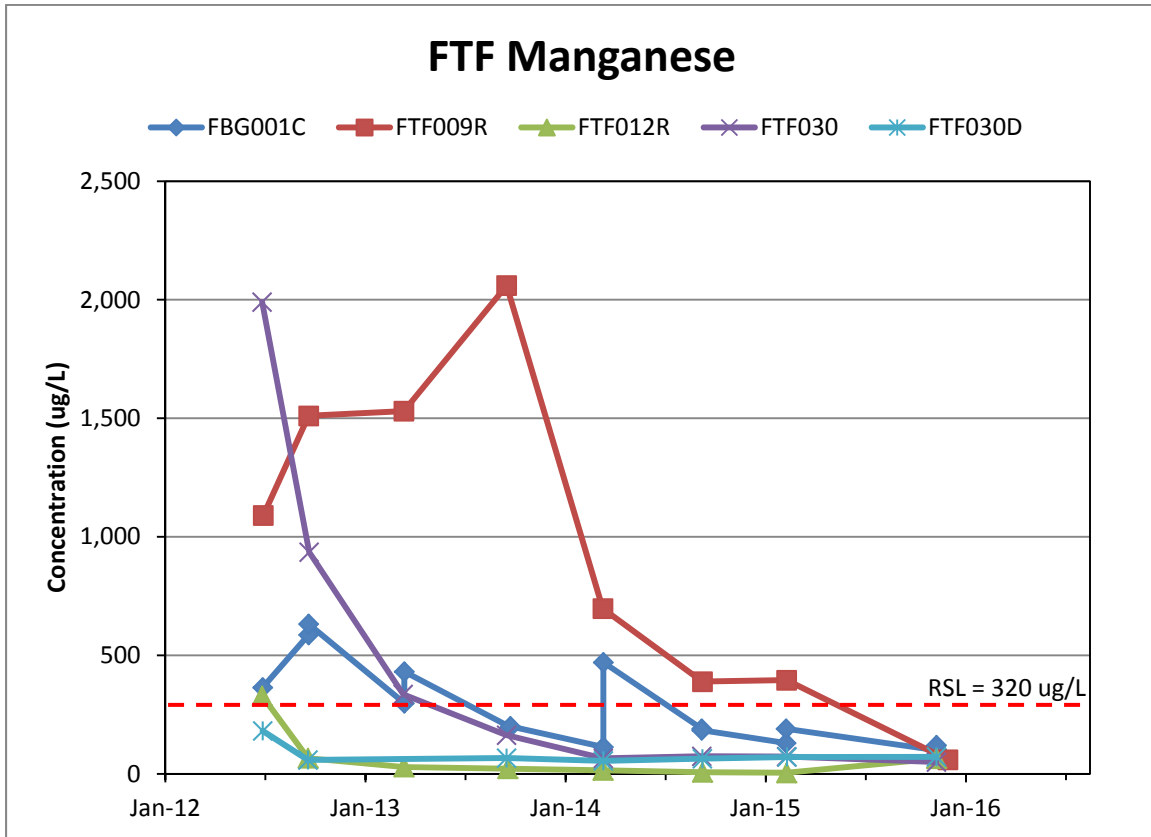


Figure 8. Manganese concentrations at F Tank Farm

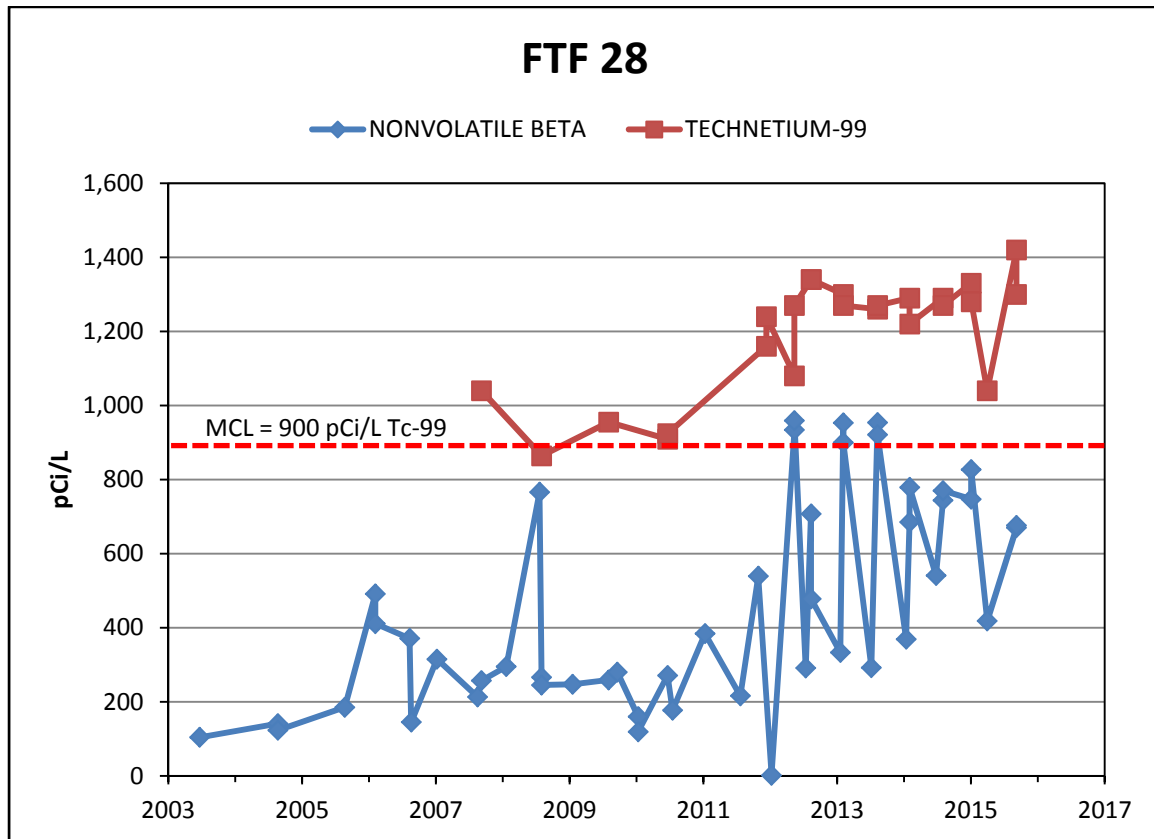


Figure 9. Nonvolatile beta and Technetium-99 concentrations for FTF 28

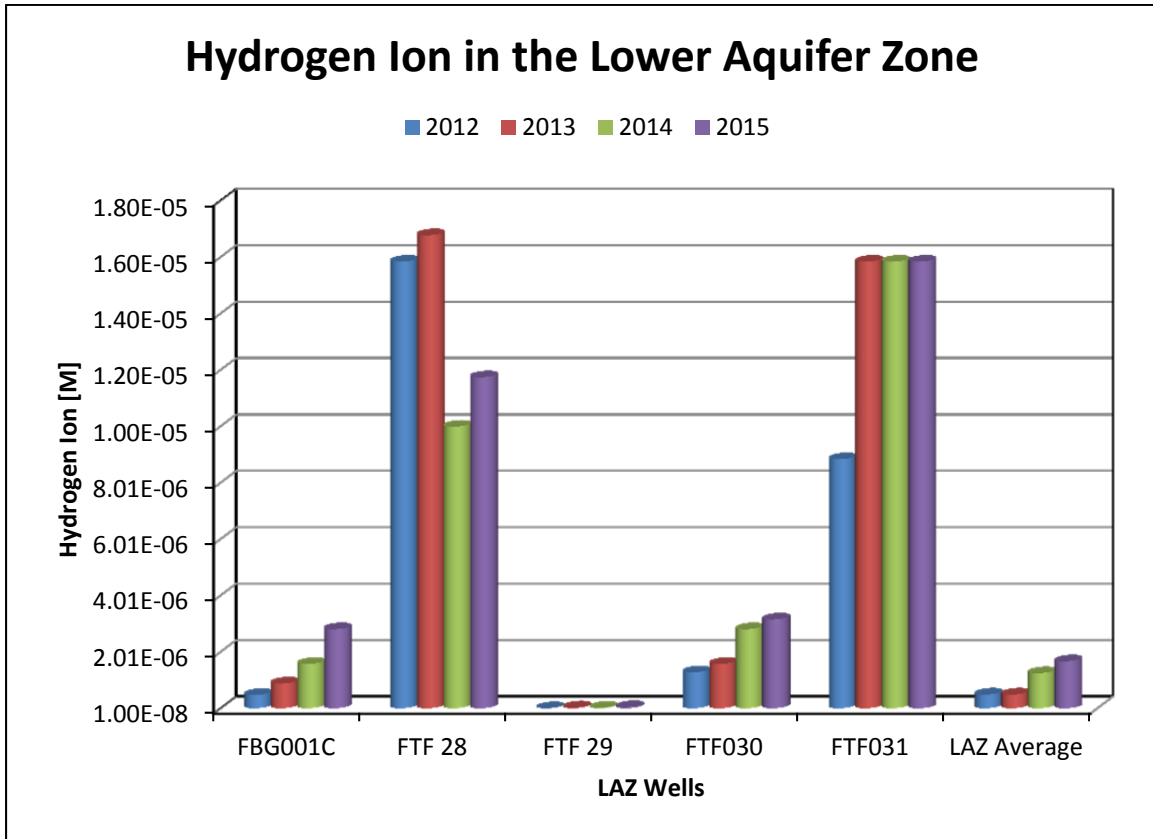


Figure 10. Hydrogen ion in the LAZ at FTF

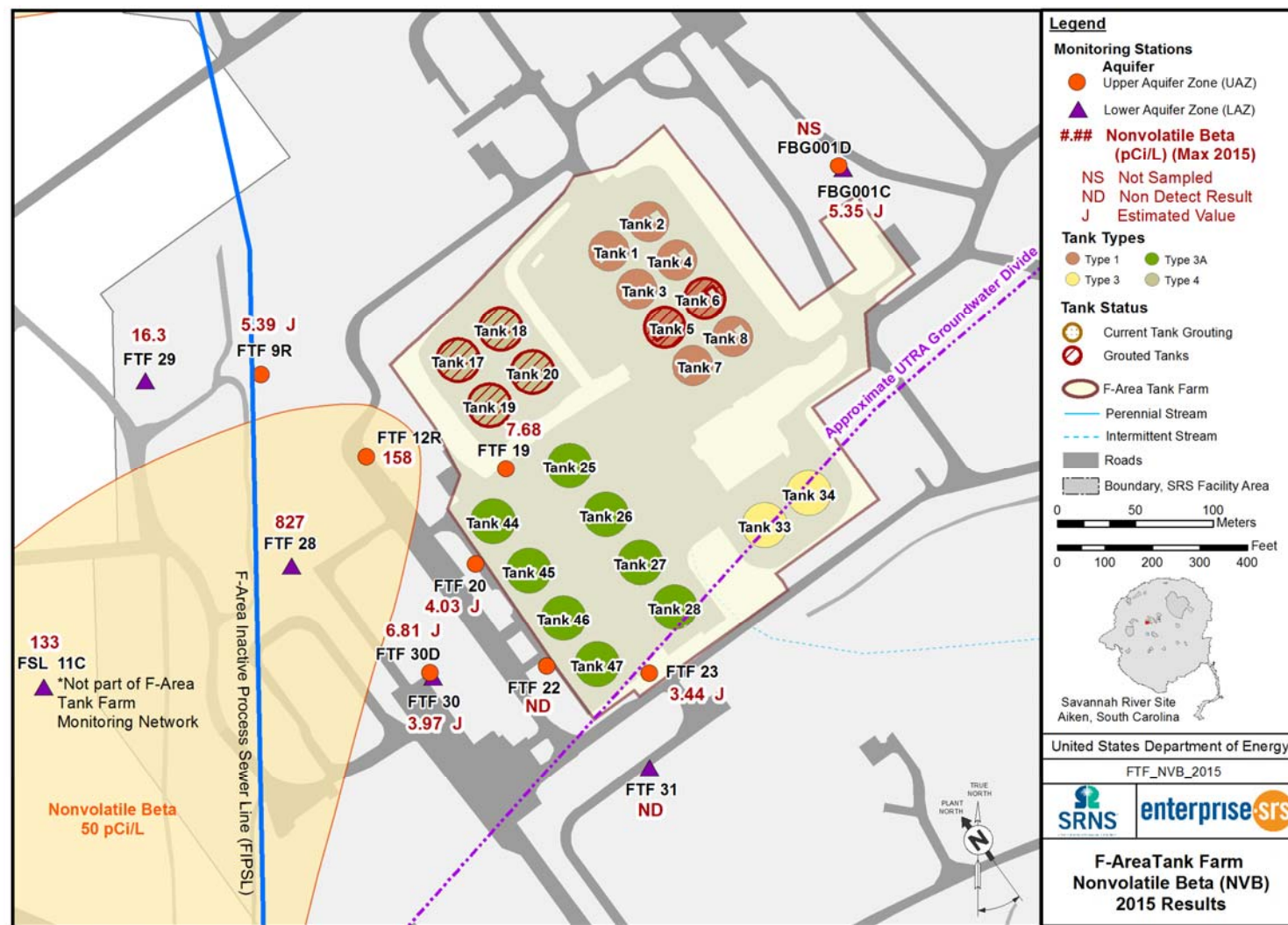


Figure 11. Nonvolatile beta results (pCi/L) for the FTF in 2015

Groundwater Monitoring at H-Area Tank Farm

The groundwater monitoring plan for the HTF includes sampling twice per year at a network of 46 monitoring wells consisting of 36 existing wells and 10 newer wells (HAA 17 through HAA 21) installed in 2012. The well network is located around the down-gradient perimeter of the HTF and consists of wells screened in the UAZ (17), LAZ (28), and GAU (1) including three background wells. The wells are set in three aquifer zones. The “A” wells are set in the GAU. The “B” and “C” wells are set in the LAZ and the “D” wells are in the UAZ of the UTRA. Figure 12 provides the monitoring locations. Figures 13, 14, and 15 illustrate groundwater flow directions and third/fourth quarter 2015 water levels for the UAZ, LAZ, and GAU, respectively.

In 2015, all 46 HTF monitoring wells were sampled in the first and third through fourth calendar quarters. As required by the SAP, samples were analyzed for gross alpha, nonvolatile beta, technetium-99, tritium, nitrate-nitrite, cadmium, chromium, manganese, and sodium. The constituents for monitoring were based on the most prominent chemical and radiological species present in the HTF during operations, waste removal, and tank closure activities as well as constituents known to be present from previous groundwater sampling. As provided in the SAP, if screening results for gross alpha or nonvolatile beta exceed trigger levels of 15 pCi/L and 50 pCi/L respectively, then contingent analyses for specific radionuclides would be performed. In 2015, no results exceeded the screening levels for gross alpha or nonvolatile beta.

Attachment B contains the laboratory results and field measurements for HTF monitoring wells including field duplicates, split samples, and laboratory duplicate samples. All data were verified and validated while at least 10% of the data received supplemental validation to meet the more stringent definitive-level data criteria. Table 3a provides a summary of the 2015 monitoring results. For comparison, a summary of historical monitoring results is provided in Table 3b.

Overall, the 2015 sample results were similar to those from previous years. Analytical results indicated low concentrations of nitrate-nitrite and tritium in most wells, but the concentrations were generally low and consistent with past results. Sampling also detected manganese and sodium, which are naturally occurring in aquifer sediments at SRS, in many wells. Results for specific constituents are discussed in more detail below.

Nitrate-nitrite

Nitrate-nitrite was detected in every well at the HTF except for LAZ background well HAA 1C. Consistent with past results, concentrations of nitrate-nitrite in groundwater at the HTF are low and less than the MCL (10 mg/L) for nitrate in all samples. More than 50-percent of the results were less than 1 mg/L. The maximum concentration (8.4 mg/L) was measured in UAZ well HAA 4D (same well as in 2014). The average concentration of all samples for nitrate-nitrite that were greater than the laboratory method detection limit was 1.07 mg/L.

Tritium

Tritium was detectable in many wells at the HTF but was below the MCL in every well but one. Well HAA 12C measured tritium greater than the MCL (20 pCi/mL) and the maximum result was 64.7 pCi/mL. As reported in the HTF SAP, tritium has been detected beneath the HTF up to 355 pCi/mL (HTF 12, 1986), but has recently been below the MCL for several years. Well cluster HAA 12 is down-gradient of the HTF and has a history of elevated tritium. However, the source of the tritium at HAA 12 is likely from the Off-Site Fuels Receiving Basin facility, the numerous process sewer lines in the area, and/or the nearby H Area Inactive Process Sewer Line (HIPSL) that transported low-level radioactive wastewater from the separations facilities to the H-Area Seepage Basins. Figure 16 shows the history of tritium in both HAA 12 wells. In 2015, concentrations were steady in both HAA 12D and HAA 12C. Figure 17 shows the maximum tritium concentrations in 2015 for the UTRA. The extent of the tritium plume is monitored by the General Separations Area Eastern Groundwater Operable Unit monitoring program.

Gross Alpha

Gross alpha was detected in 11 of the 110 samples collected, but only one of the 11 samples had levels measurable above the SQL. The maximum gross alpha concentration (7.58J pCi/L) was less than last year's maximum result detected at well HAA 4D. Because gross alpha exceeded 15 pCi/L at HAA 4D in 2014, isotopic speciation was performed this year for specific radionuclides. All isotopes (americium-241, plutonium-238,-239/240, and uranium-238) were non-detect. This supports the conclusion that the very low levels of gross alpha at well HAA 4D are likely naturally occurring and not derived from the HTF. The additional analyses are provided in Attachment B.

Cadmium and Chromium

Out of 110 samples, all results for cadmium and for chromium were qualified "u" or "j" meaning the constituent was either not detected or was tentatively identified, but below the SQL and thus cannot be accurately quantified. Approximately 70% of the cadmium and 92% of the chromium samples were non-detect. In 2015, no results exceeded the MCL for cadmium or chromium.

In the 2011 groundwater report, a single result for chromium at HAA 7D was reported to be elevated with respect to historical results and was suspected to be a laboratory error. A review of historical data showed that HAA 7D has had chromium levels below the SQL (maximum estimated result was 2.5 µg/L) since monitoring began, thus the 2011 result of 487 µg/L appeared anomalous. In addition, no data quality review (verification or validation) was performed on the 2011 sample result. In 2012, confirmation sampling for chromium at HAA 7D was performed. All three of the sample results (including a laboratory duplicate sample) were verified and validated to the definitive level. All 2012 results were non-detect (below the laboratory method detection limit) for chromium and this suggested that the 2011 result was anomalous. Monitoring for chromium in 2013, 2014, and 2015 supports this conclusion as chromium has not been detected in HAA 7D since March 2013. Figure 18 presents the chromium concentration trend for HAA 7D. SRS will continue to monitor for chromium at HAA 7D according to the HTF SAP.

Manganese and Sodium

Manganese and sodium are naturally occurring in the aquifer sediments at SRS. Manganese was detected above the SQL in 35 of 110 samples with a maximum concentration of 539 µg/L (LAZ well HAA 17C). The average concentration for all samples was 43.1 µg/L. Manganese exceeded the RSL (320 µg/L) at two wells (HAA 10D and HAA 17C). In 2015, manganese levels were lower than historical results at the HTF that ranged up to 3,300 µg/L (HTF 7, 1994).

Sodium was detected above the SQL in every sample with the maximum result (13,600 µg/L) occurring at UAZ well HAA 10D. The average concentration of sodium was about the same as 2014 results at 3,250 µg/L. In 2015, the range of sodium results (1,360 to 13,600 µg/L) was about the same as 2014 monitoring data. There is no MCL or RSL for sodium. The current results for both manganese and sodium do not appear to be elevated with respect to historical levels at the HTF.

Nonvolatile Beta

Nonvolatile beta was detected above the SQL in only five of 110 samples. The maximum result was 28.3 pCi/L at UAZ well HAA 4D and less than the screening level of 50 pCi/L. The average concentration was 9.2 pCi/L.

In 2014, well HAA 20C exceeded 50 pCi/L. This sample was collected in September of 2014. The previous sample was collected in March of 2014 and the result was non-detect (i.e., <0.23 pCi/L). As all other constituents and field parameters were nearly the same between the two 2014 sampling events (i.e., no other parameters were elevated), it is possible that the result of 54.7 pCi/L is anomalous. The results from 2015 were all non-detect (i.e., < 1.27 pCi/L) and support the conclusion that the elevated result in 2014 was anomalous. SRS will continue to monitor nonvolatile beta according to the HTF SAP.

Technetium-99

Technetium-99 was detected above the SQL in only 4 of 111 samples collected. No results exceeded the MCL (900 pCi/L). The maximum concentration was 16.4 pCi/L. Historically technetium-99 has not been identified as a prevalent contaminant in groundwater at the HTF and the 2015 results are consistent with this conclusion.

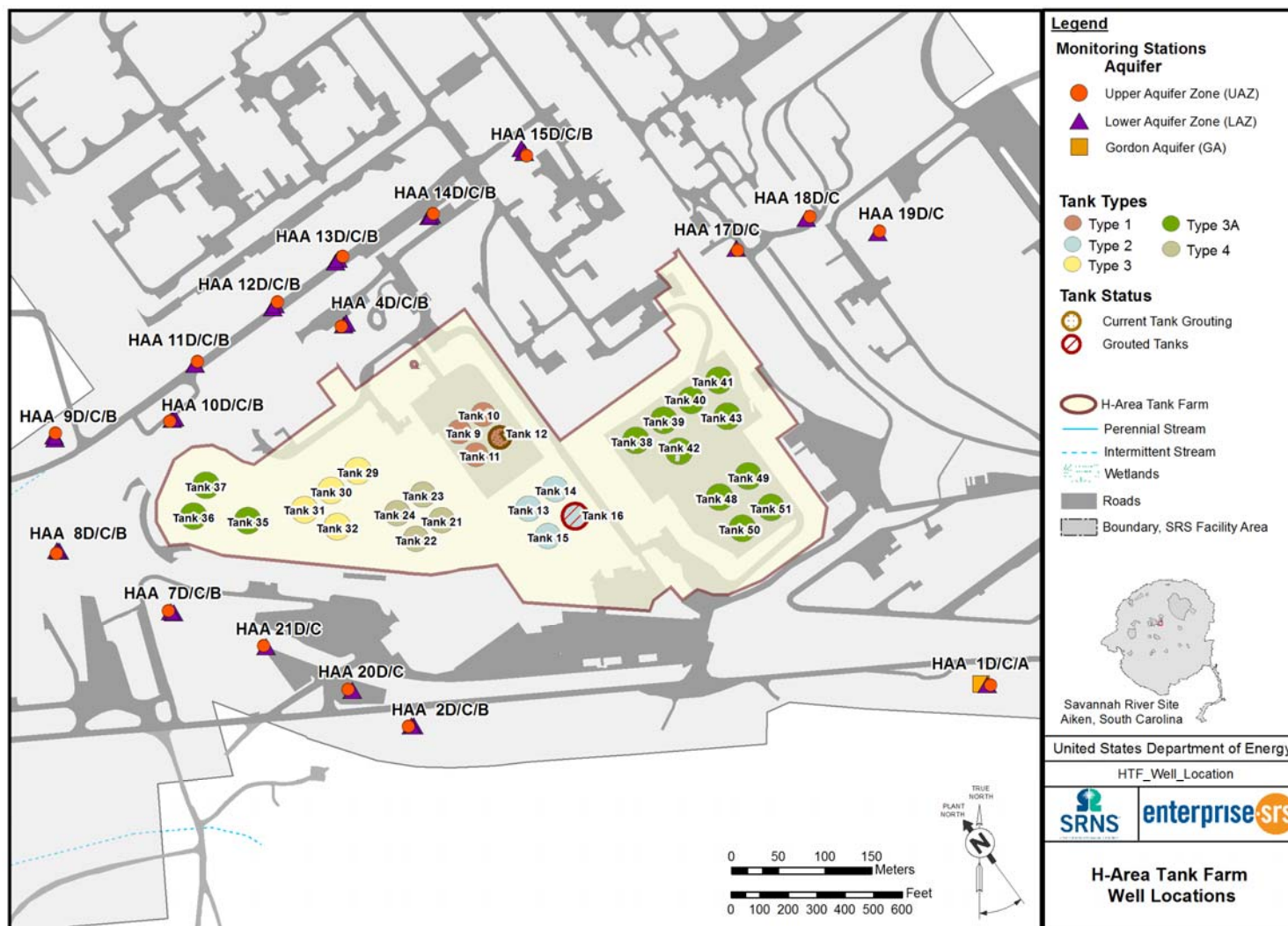


Figure 12. Monitoring wells at the HTF

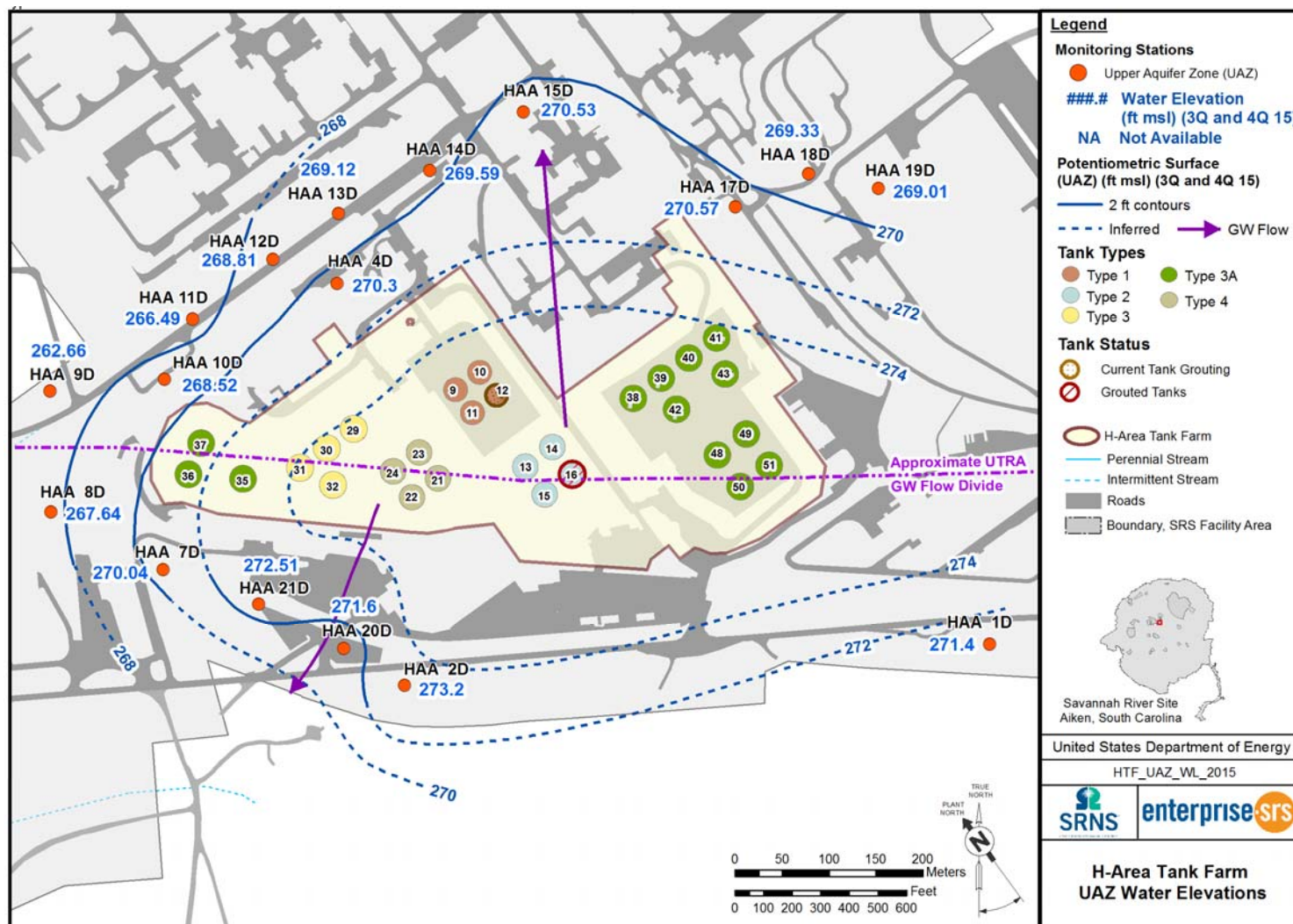


Figure 13. Water elevation (ft msl) for the UAZ of the UTRA during the third and fourth quarters of 2015

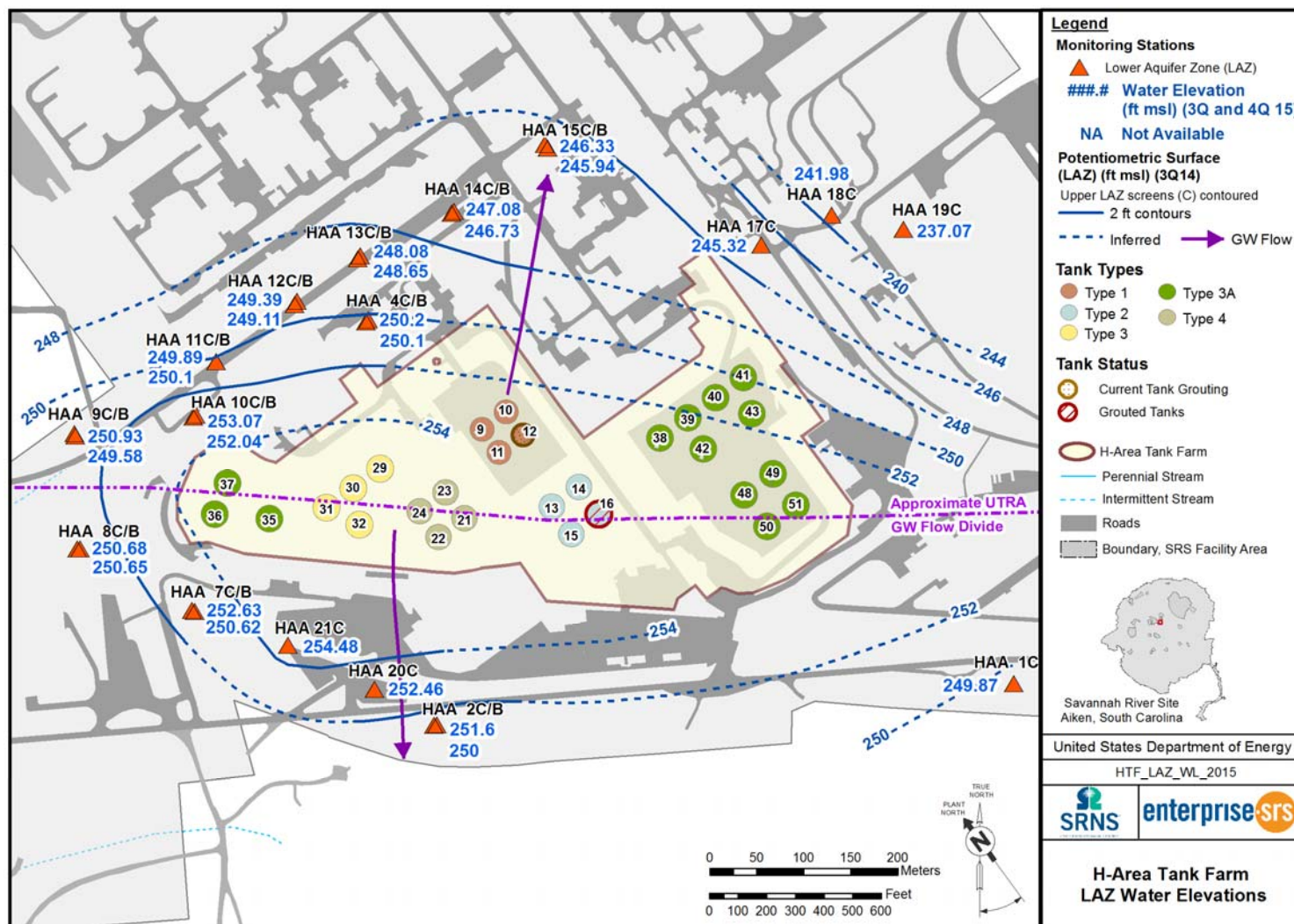


Figure 14. Water elevation (ft msl) for the LAZ of the UTRA during the third and fourth quarters of 2015

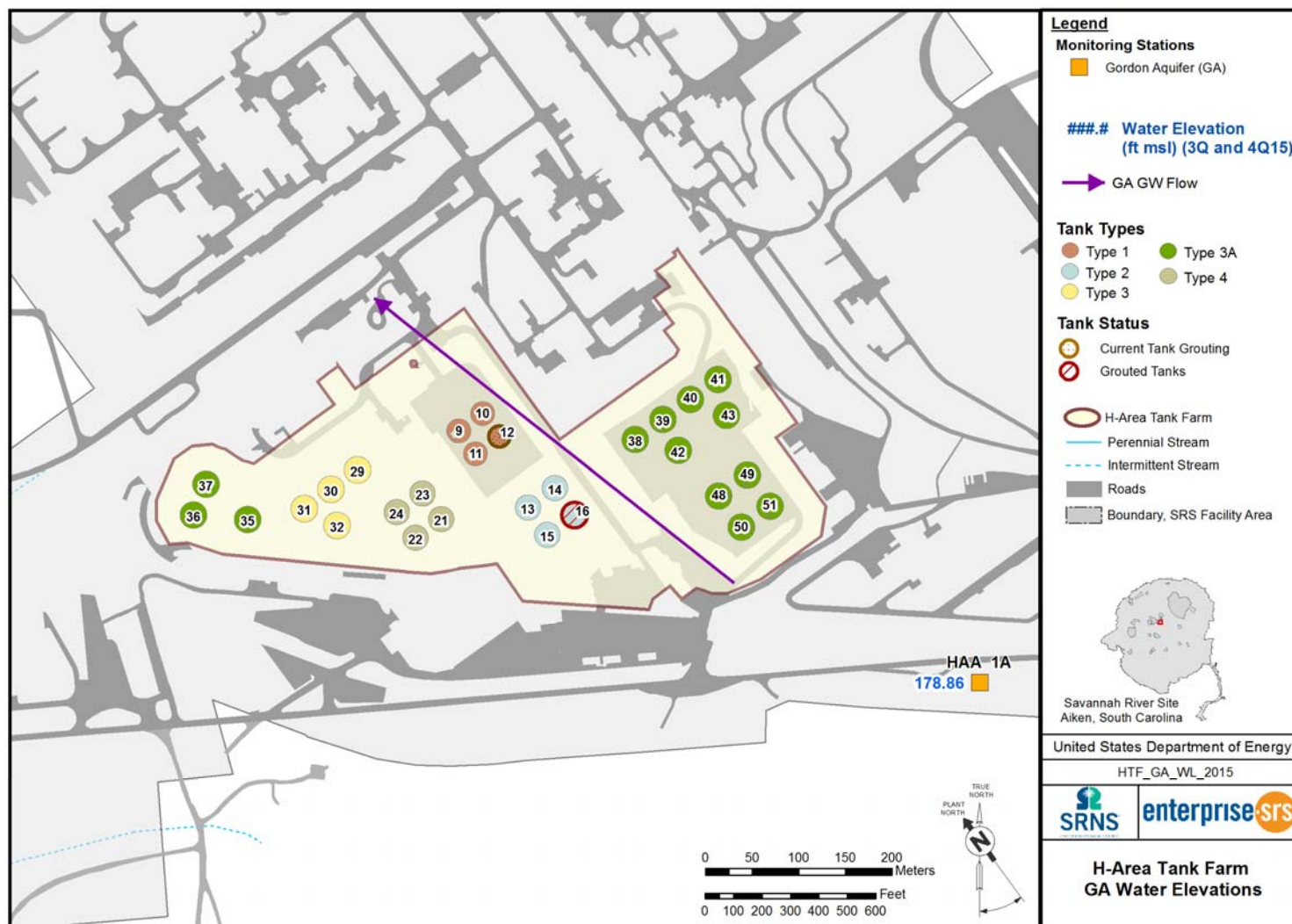


Figure 15. Water elevation (ft msl) for the GAU during the third and fourth quarters of 2015

Table 3a. Summary of 2015 monitoring results for the H-Area Tank Farm

Analyte	Number of Samples ^a	Number of Non-Detects	Number of Results > SQL ^b	Result Average ^f	Result Maximum ^g	MCL/ RSL	Number of Results > MCL/RSL
Nitrate/Nitrite	112	3	105	1.07 mg/L	8.4 mg/L	10 mg/L	0
Cadmium	110	77	0	0.19 µg/L	NA	5 µg/L	0
Chromium	110	101	0	12.5 µg/L	NA	100 µg/L	0
Manganese	110	22	35	43.1 µg/L	539 µg/L	320 µg/L	4 ^d
Sodium	110	0	110	3,250 µg/L	13,600 µg/L	NA	NA
Gross Alpha	110	99	1	4.4 pCi/L	7.58 pCi/L	15 pCi/L	0
Nonvolatile Beta	110	98	5	9.2 pCi/L	28.3 pCi/L	50 pCi/L	0
Tritium	107	42	52	5.8 pCi/mL	64.7 pCi/mL	20 pCi/mL	2 ^e
Technetium-99	111	103	4	11.3 pCi/L	16.4 pCi/L	900 pCi/L	0

a. Includes regular, duplicate, and split samples

b. SQL = Laboratory Sample Quantitation Limit

c. MCL = Maximum Contaminant Level or RSL = Regional Screening Level for drinking water

d. Exceeds RSL (320 µg/L) at 2 wells (HAA 10D, 17C)

e. Exceeds MCL at only 1 well (HAA 12C)

f. Average of results > laboratory method detection limit

g. Maximum of results > SQL

Table 3b. Summary of historical groundwater monitoring results for the H-Area Tank Farm.

Constituent	Number of Samples ^a	Number of Non-Detects	Number of Results > SQL ^b	Result Range ^e	Result Average ^d	MCL/RSL	Units	Number of Results > MCL/RSL ^c
Nitrate/Nitrite	473	13	421	U-9.8	1.08	10	mg/L	0
Cadmium	455	380	1	U-2.8	0.24	5	µg/L	0
Chromium	471	294	7	U-487	10.25	100	µg/L	3
Manganese	354	73	133	U-1,280	73.42	320	µg/L	24
Sodium	478	9	469	U-22,700	4,145.49	NA	µg/L	NA
Gross Alpha	533	422	16	U-29.1	3.87	15	pCi/L	5
Nonvolatile Beta	588	459	48	U-54.7	7.89	50	pCi/L	1
Tritium	586	168	358	U-89.2	10.46	20	pCi/mL	37
Technetium-99	358	327	15	U-88.2	16.51	900	pCi/L	0

a. Includes regular, duplicate, and split samples

b. SQL = Laboratory Sample Quantitation Limit

c. MCL = Maximum Contaminant Level, RSL = Regional Screening Level for drinking water

d. Average of results > laboratory method detection limit

e. U = non-detect

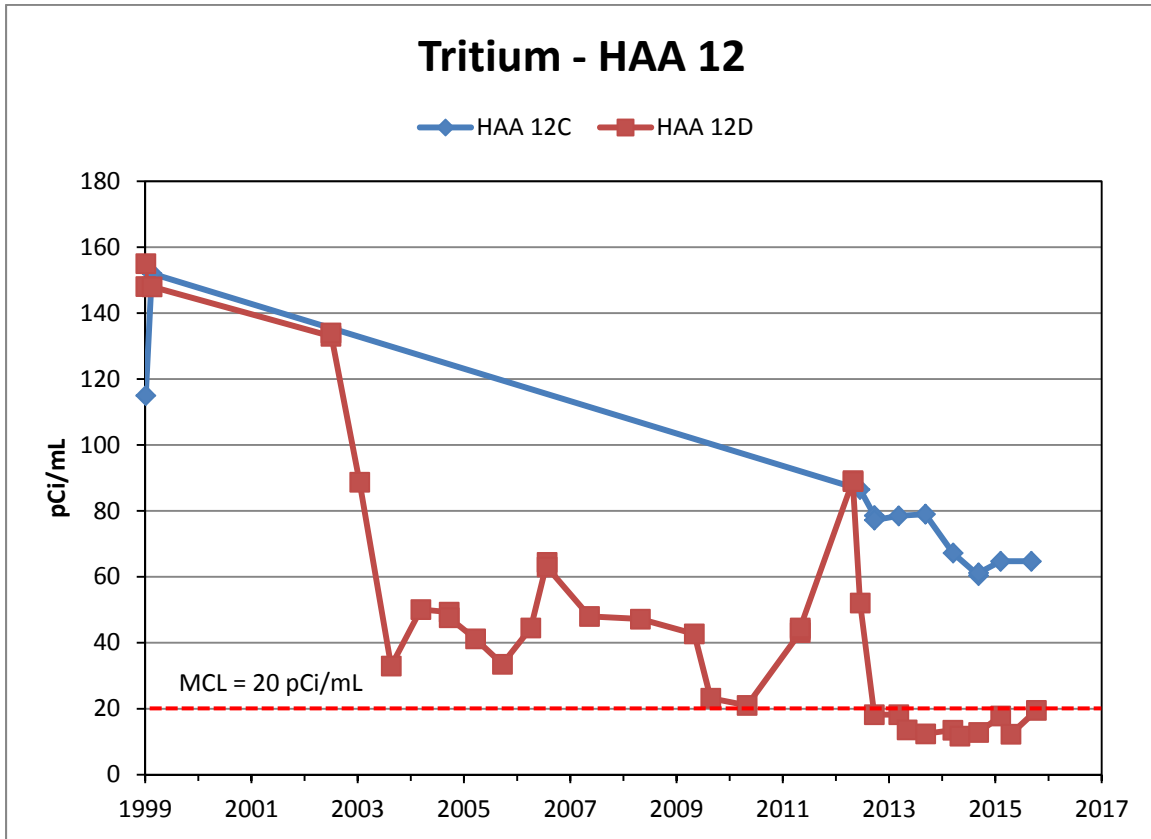


Figure 16. Tritium results (pCi/mL) for HAA 12 wells

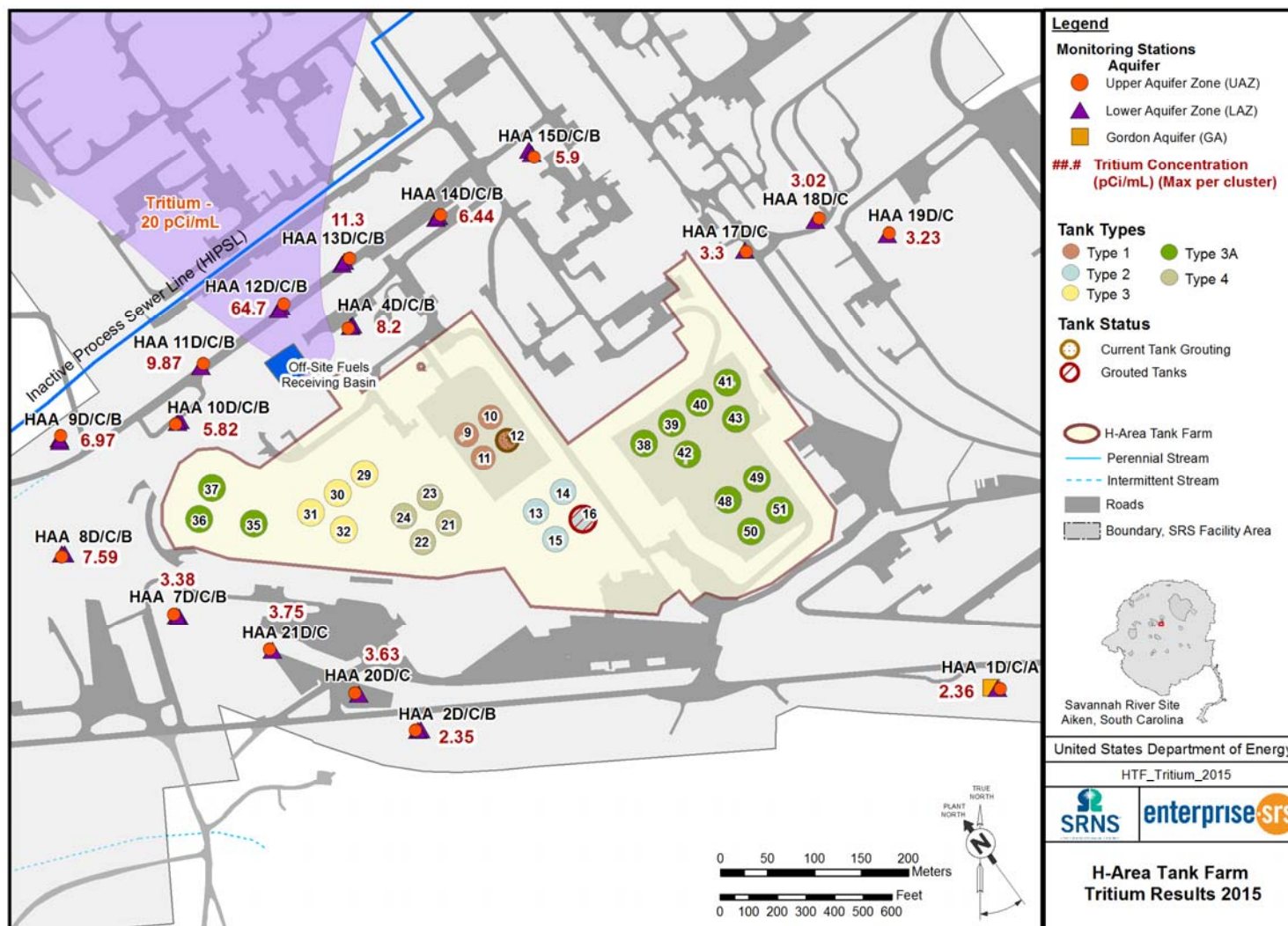


Figure 17. 2015 tritium results (pCi/mL) for the UTRA at the HTF

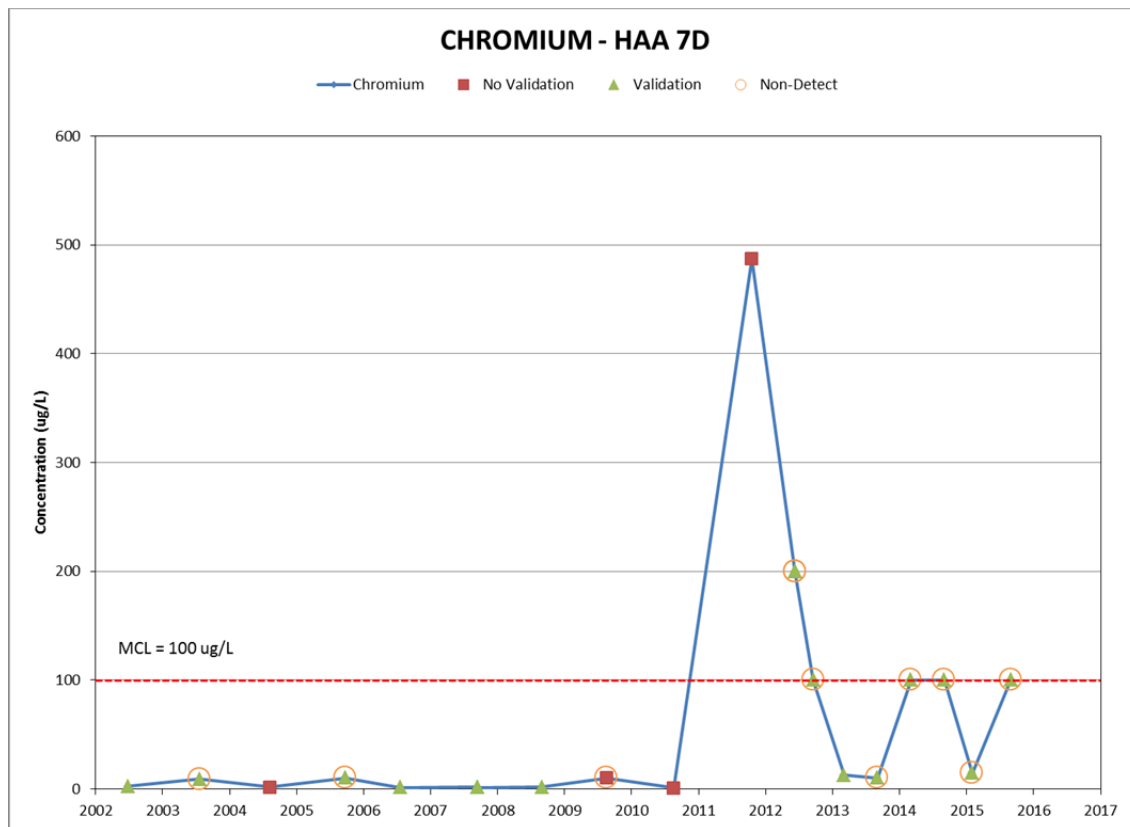


Figure 18. Chromium results (µg/L) for well HAA 7D

Note: Unqualified results that did not undergo post-laboratory verification/validation are shown as red squares.

Conclusions

In 2012, EPA and SCDHEC approved new groundwater monitoring plans and corresponding sampling and analysis plans for the FTF and HTF. SRS performed monitoring in 2015 according to the approved plans and performed sampling twice at 59 wells (13 wells at FTF and 46 wells at HTF). In 2015, UAZ background well FBG001D was dry during both sampling events. Overall, in 2015 the monitoring results show no indications of new releases.

F Tank Farm

At the FTF, nonvolatile beta continues to be elevated in the lower aquifer zone near the FIPSL. Nonvolatile beta exceeded the screening level of 50 pCi/L in wells FTF 28 and FTF 12R. At FTF 28, nonvolatile beta was similar to levels measured in 2014. The results at FTF 28 ranged from 670 pCi/L to a maximum of 827 pCi/L. Historically, nonvolatile beta has fluctuated from sample to sample at this well. Isotopic analyses performed on samples from FTF 28 identified technetium-99 as the primary source of nonvolatile beta. The maximum concentration of technetium-99 at FTF 28 was 1,420 pCi/L and exceeded

the MCL of 900 pCi/L. The source of nonvolatile beta and technetium-99 at FTF 28 is likely the FIPSL. At FTF 12R, the decay of radon-222 daughter products causes most of the elevated levels of beta radiation. SRS will continue to monitor for nonvolatile beta and technetium-99 at well FTF 28 and for technetium-99 at FTF 12R when nonvolatile beta exceeds 50 pCi/L.

In 2013, tritium was as high as 81.3 pCi/mL at well FTF 30D. Tritium levels have since decreased and in 2014 and 2015 have been below the MCL. The most recent tritium result was 10.3 pCi/mL. SRS will continue to monitor and evaluate tritium at the FTF.

In 2015, manganese concentrations at the FTF continued to decrease. In February, the RSL for manganese was exceeded in FTF 9R; however, the December result was below the RSL. The maximum concentration at FTF 9R was 395 µg/L. Manganese occurs naturally in the aquifer sediments at SRS and near FTF 9R is more soluble due to acidic groundwater resulting from the FIPSL. SRS will continue to monitor for and evaluate manganese trends at the FTF.

H Tank Farm

At the HTF, manganese exceeded the RSL at two wells and tritium exceeded the MCL at one well. Manganese is naturally occurring in the aquifer sediments at SRS and current levels (539 µg/L maximum) are significantly lower than past results. Tritium has been identified as the prevalent groundwater contaminant at the HTF based on historical monitoring. A small dilute tritium plume is located north of the HTF and has been observed for several years. The plume is located near and down gradient of the Off-Site Fuels Receiving Basin facility and the H-Area Inactive Process Sewer Line, potential sources of historical tritium releases. The downgradient extent of the tritium plume has been delineated by and is monitored by the General Separations Area Eastern Groundwater Operable Unit monitoring program. In 2015, at well HAA 12C, tritium exceeded the MCL in the LAZ. Tritium concentrations were below the MCL in the UAZ. The 2015 results for tritium and manganese are lower than historic levels at the HTF. SRS will continue to monitor for manganese and tritium at the HTF.

Attachment A
2015 Sample Results for F-Area Tank Farm

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF012R	3/16/2015	ACTINIUM-228	26.6	19.65	pCi/L	U	U	46.4	91.8
FTF 28	2/9/2015	ACTINIUM-228	26.6	7.88	pCi/L	U	U	40.8	64.8
FTF012R	11/11/2015	ACTINIUM-228	26.6	7.65	pCi/L	U	U	15.8	38.2
FTF012R	3/16/2015	ACTINIUM-228	26.6	5.5	pCi/L	U	U	44.5	79.7
FTF012R	11/11/2015	ACTINIUM-228	26.6	5.43	pCi/L	U	U	18.3	40.9
FTF 28	10/14/2015	ACTINIUM-228	26.6	1.8	pCi/L	U	U	22.4	48.2
FTF 28	2/9/2015	ACTINIUM-228	26.6	0	pCi/L	U	U	86.3	127.1
FTF 28	10/14/2015	ACTINIUM-228	26.6	-4.09	pCi/L	U	U	18.4	41.6
FTF 28	10/14/2015	ACTINIUM-228	26.6	-5.97	pCi/L	U	U	22.5	48.3
FTF012R	3/16/2015	AMERICIUM-241	15	5.083	pCi/L	U	U	23.9	52.1
FTF012R	11/11/2015	BISMUTH-214		189	pCi/L			9.81	43.2
FTF012R	11/11/2015	BISMUTH-214		157	pCi/L			8.72	41.5
FTF 28	2/9/2015	BISMUTH-214		152	pCi/L			26.8	85.4
FTF 28	2/9/2015	BISMUTH-214		147	pCi/L			25.3	79.1
FTF012R	3/16/2015	BISMUTH-214		129	pCi/L			21.2	67.8
FTF012R	3/16/2015	BISMUTH-214		114	pCi/L			21.5	69.7
FTF 28	10/14/2015	BISMUTH-214		108	pCi/L		J	9.4	35.6
FTF 28	10/14/2015	BISMUTH-214		106	pCi/L			10.4	35.8
FTF 28	10/14/2015	BISMUTH-214		70.6	pCi/L		J	11.7	43.5
FTF 19	2/9/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 19	11/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 22	2/9/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 22	11/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 23	2/9/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 23	11/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 28	2/9/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 28	2/9/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 28	10/14/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF 29	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF009R	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF012R	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF031	2/9/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FTF031	11/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
FBG001C	2/9/2015	CADMIUM	5	0.93	ug/L	J	J	0.55	5
FBG001C	2/9/2015	CADMIUM	5	0.913	ug/L	J	J	0.11	1
FBG001C	2/9/2015	CADMIUM	5	0.727	ug/L	J	J	0.1	1
FBG001C	11/11/2015	CADMIUM	5	0.64	ug/L	J	J	0.1	1
FBG001C	11/11/2015	CADMIUM	5	0.619	ug/L	J	J	0.1	1
FBG001C	11/11/2015	CADMIUM	5	0.59	ug/L			0.1	0.5
FTF030	2/10/2015	CADMIUM	5	0.418	ug/L	J	J	0.1	1
FTF030	11/11/2015	CADMIUM	5	0.416	ug/L	J	J	0.1	1
FTF030D	11/11/2015	CADMIUM	5	0.356	ug/L	J	J	0.1	1
FTF030D	2/11/2015	CADMIUM	5	0.287	ug/L	J	J	0.1	1
FTF009R	12/2/2015	CADMIUM	5	0.184	ug/L	J	J	0.1	1
FTF 20	2/9/2015	CADMIUM	5	0.138	ug/L	J	J	0.1	1
FTF012R	11/11/2015	CADMIUM	5	0.136	ug/L	J	J	0.1	1
FTF 20	11/10/2015	CADMIUM	5	0.116	ug/L	J	J	0.1	1
FTF 29	12/3/2015	CADMIUM	5	0.102	ug/L	J	J	0.1	1
FTF 28	10/14/2015	CADMIUM	5	0.1	ug/L	J	J	0.1	1
FTF 28	10/14/2015	CARBON-14	2,000	8.44	pCi/L	U	U	35	76
FTF 28	10/14/2015	CARBON-14	2,000	8.13	pCi/L	U	U	34.9	75.7
FTF 28	2/9/2015	CARBON-14	2,000	5.53	pCi/L	U	U	10.8	23.88
FTF 28	10/14/2015	CARBON-14	2,000	3.39	pCi/L	U	U	35	75.6
FTF012R	3/16/2015	CARBON-14	2,000	0.1201	pCi/L	U	U	10.3	22.44
FTF 28	2/9/2015	CARBON-14	2,000	0.12	pCi/L	U	U	10.8	23.46
FTF012R	11/11/2015	CARBON-14	2,000	-2.06	pCi/L	U	UJ	34.1	73.1
FTF012R	3/16/2015	CARBON-14	2,000	-3.12	pCi/L	U	U	10.4	22.38
FTF012R	11/11/2015	CARBON-14	2,000	-18.8	pCi/L	U	UJ	36	76
FTF 28	10/14/2015	CESIUM-137	200	3.19	pCi/L	U	U	4.23	10.2
FTF012R	11/11/2015	CESIUM-137	200	0.611	pCi/L	U	U	4.29	11.6

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF 28	10/14/2015	CESIUM-137	200	0.545	pCi/L	U	U	5.19	11.6
FTF 28	2/9/2015	CESIUM-137	200	0.0393	pCi/L	U	U	11.1	23.08
FTF012R	3/16/2015	CESIUM-137	200	-0.00941	pCi/L	U	U	9.72	19.94
FTF012R	3/16/2015	CESIUM-137	200	-0.7909	pCi/L	U	U	13.9	29.36
FTF 28	10/14/2015	CESIUM-137	200	-0.871	pCi/L	U	U	5.61	11.8
FTF 28	2/9/2015	CESIUM-137	200	-1.17	pCi/L	U	U	13.7	28.76
FTF012R	11/11/2015	CESIUM-137	200	-3.15	pCi/L	U	U	4.5	11
FBG001C	2/9/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FBG001C	11/11/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FBG001C	11/11/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 19	2/9/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 19	11/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 20	2/9/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 20	11/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 22	2/9/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 22	11/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 23	2/9/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 23	11/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 28	2/9/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 28	2/9/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 28	10/14/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 28	10/14/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF 29	12/3/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF009R	12/2/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF030	11/11/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF030D	11/11/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF031	2/9/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FTF031	11/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
FBG001C	2/9/2015	CHROMIUM	100	50	ug/L	U	U	10	50
FTF012R	2/10/2015	CHROMIUM	100	19	ug/L	U	U	10	100
FTF030D	2/11/2015	CHROMIUM	100	16.4	ug/L	U	U	10	100
FTF030	2/10/2015	CHROMIUM	100	13.1	ug/L	U	U	10	100
FTF009R	2/10/2015	CHROMIUM	100	12.4	ug/L	U	U	10	100
FTF012R	11/11/2015	CHROMIUM	100	11.8	ug/L	J	J	10	100
FTF 29	2/11/2015	CHROMIUM	100	11.2	ug/L	U	U	10	100
FBG001C	2/9/2015	CHROMIUM	100	10	ug/L	U	U	2	10
FBG001C	11/11/2015	CHROMIUM	100	1.1	ug/L	J	J	1	10
FTF 28	10/14/2015	COBALT-60	100	2.83	pCi/L	U	U	5.06	10
FTF012R	11/11/2015	COBALT-60	100	2.15	pCi/L	U	U	4.6	8.58
FTF 28	2/9/2015	COBALT-60	100	1.48	pCi/L	U	U	17.3	24.56
FTF 28	2/9/2015	COBALT-60	100	1.27	pCi/L	U	U	13.1	27.22
FTF 28	10/14/2015	COBALT-60	100	0.404	pCi/L	U	U	7.09	15
FTF012R	3/16/2015	COBALT-60	100	0.354	pCi/L	U	U	5.38	12.98
FTF 28	10/14/2015	COBALT-60	100	0.104	pCi/L	U	U	5.34	10.8
FTF012R	3/16/2015	COBALT-60	100	0	pCi/L	U	U	15.9	23.34
FTF012R	11/11/2015	COBALT-60	100	-2.02	pCi/L	U	U	4.88	10.6
FTF012R	11/11/2015	GROSS ALPHA	15	22.4	pCi/L			2.94	13.8
FTF012R	11/11/2015	GROSS ALPHA	15	18.6	pCi/L			2.81	13
FTF 19	11/10/2015	GROSS ALPHA	15	7.91	pCi/L	J	J	2.63	8.25
FTF 20	11/10/2015	GROSS ALPHA	15	5.78	pCi/L	J	J	2.95	8.35
FTF 23	11/10/2015	GROSS ALPHA	15	4.83	pCi/L	J	J	2.92	7.38
FTF 28	10/14/2015	GROSS ALPHA	15	4.51	pCi/L	J	J	2.6	8.32
FTF030D	11/11/2015	GROSS ALPHA	15	4.27	pCi/L	J	J	2.59	7.13
FTF 22	11/10/2015	GROSS ALPHA	15	3.58	pCi/L	J	J	2.84	7.1
FTF 22	2/9/2015	GROSS ALPHA	15	3.38	pCi/L	J	J	2.35	7.37
FTF 20	2/9/2015	GROSS ALPHA	15	3.36	pCi/L	J	J	2.34	7.33
FTF030D	2/11/2015	GROSS ALPHA	15	3.26	pCi/L	J	J	2.37	7.25
FTF012R	2/10/2015	GROSS ALPHA	15	2.95	pCi/L	J	J	2.49	7.29
FTF 23	2/9/2015	GROSS ALPHA	15	2.88	pCi/L	J	J	2.28	6.87
FTF 28	10/14/2015	GROSS ALPHA	15	2.11	pCi/L		J	0.78	2.06

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF 28	2/9/2015	GROSS ALPHA	15	1.74	pCi/L	J	J	1.11	2.86
FTF 19	2/9/2015	GROSS ALPHA	15	1.67	pCi/L	U	U	2.27	5.92
FTF 28	2/9/2015	GROSS ALPHA	15	1.65	pCi/L	J	J	1.45	3.47
FTF031	11/10/2015	GROSS ALPHA	15	1.6	pCi/L	U	U	2.97	6.57
FBG001C	11/11/2015	GROSS ALPHA	15	1.57	pCi/L	U	U	2.66	6
FBG001C	2/9/2015	GROSS ALPHA	15	1.12	pCi/L	U	U	2.99	6.39
FBG001C	11/11/2015	GROSS ALPHA	15	0.958	pCi/L	U	U	1.01	2.4
FBG001C	11/11/2015	GROSS ALPHA	15	0.9136	pCi/L	U	U	1.07	2.5
FTF 29	2/11/2015	GROSS ALPHA	15	0.88	pCi/L	U	U	2.51	5.51
FTF 29	12/3/2015	GROSS ALPHA	15	0.529	pCi/L	U	U	2.93	5.83
FBG001C	2/9/2015	GROSS ALPHA	15	0.473	pCi/L	U	U	2.28	4.67
FTF031	2/9/2015	GROSS ALPHA	15	0.467	pCi/L	U	U	2.24	4.59
FTF009R	12/2/2015	GROSS ALPHA	15	0.212	pCi/L	U	U	2.9	5.66
FTF009R	2/10/2015	GROSS ALPHA	15	0.071	pCi/L	U	U	2.29	4.07
FTF030	11/11/2015	GROSS ALPHA	15	-0.0292	pCi/L	U	U	2.67	5.35
FBG001C	2/9/2015	GROSS ALPHA	15	-0.13	pCi/L	U	U	2.81	5.27
FTF030	2/10/2015	GROSS ALPHA	15	-0.328	pCi/L	U	U	2.27	3
FTF012R	3/16/2015	IODINE-129	1	2.56	pCi/L	U	U	5.44	11.92
FBG001C	2/9/2015	IODINE-129	1	1.84	pCi/L	R	R	1.16	2.88
FTF 28	10/14/2015	IODINE-129	1	0.854	pCi/L	U	U	1.13	2.49
FBG001C	2/9/2015	IODINE-129	1	0.852	pCi/L	U	U	0.978	1.94
FTF012R	2/10/2015	IODINE-129	1	0.368	pCi/L	U	UJ	0.625	1.381
FTF 22	11/10/2015	IODINE-129	1	0.349	pCi/L	U	U	0.823	1.69
FTF009R	12/2/2015	IODINE-129	1	0.33	pCi/L	U	U	0.686	1.54
FTF 19	2/9/2015	IODINE-129	1	0.298	pCi/L	U	UJ	0.555	1.227
FTF030D	11/11/2015	IODINE-129	1	0.286	pCi/L	U	U	0.953	1.95
FBG001C	2/9/2015	IODINE-129	1	0.24	pCi/L	U	UJ	0.535	1.177
FTF 23	2/9/2015	IODINE-129	1	0.203	pCi/L	U	UJ	0.564	1.24
FBG001C	11/11/2015	IODINE-129	1	0.1556	pCi/L	U	U	0.691	1.517
FTF 19	11/10/2015	IODINE-129	1	0.147	pCi/L	U	U	0.502	1.34
FTF 20	11/10/2015	IODINE-129	1	0.0904	pCi/L	U	U	0.668	1.41
FBG001C	11/11/2015	IODINE-129	1	0.0882	pCi/L	U	U	0.685	1.499
FBG001C	11/11/2015	IODINE-129	1	0.0819	pCi/L	U	U	0.764	1.6
FTF 28	2/9/2015	IODINE-129	1	0.0539	pCi/L	U	UJ	0.545	1.187
FTF 28	2/9/2015	IODINE-129	1	0.0534	pCi/L	U	UJ	0.593	1.285
FTF031	2/9/2015	IODINE-129	1	0.0394	pCi/L	U	UJ	0.515	1.121
FTF030	11/11/2015	IODINE-129	1	0.0355	pCi/L	U	U	1.1	2.35
FTF 22	2/9/2015	IODINE-129	1	0	pCi/L	U	UJ	0.528	1.148
FTF009R	2/10/2015	IODINE-129	1	0	pCi/L	U	UJ	0.638	1.378
FTF 20	2/9/2015	IODINE-129	1	-0.00467	pCi/L	U	UJ	0.54	1.166
FTF012R	11/11/2015	IODINE-129	1	-0.00686	pCi/L	U	U	0.526	1.33
FTF030	11/11/2015	IODINE-129	1	-0.0104	pCi/L	U	U	0.9	1.79
FTF 29	12/3/2015	IODINE-129	1	-0.0401	pCi/L	U	U	0.467	1.01
FTF030	2/10/2015	IODINE-129	1	-0.0522	pCi/L	U	UJ	0.553	1.197
FTF 23	11/10/2015	IODINE-129	1	-0.141	pCi/L	U	U	0.523	1.14
FTF 29	2/11/2015	IODINE-129	1	-0.186	pCi/L	U	U	0.616	1.324
FTF 28	10/14/2015	IODINE-129	1	-0.333	pCi/L	U	U	1.1	2.4
FTF031	11/10/2015	IODINE-129	1	-0.341	pCi/L	U	U	0.57	1.3
FTF 28	10/14/2015	IODINE-129	1	-0.412	pCi/L	U	U	0.947	2.12
FTF012R	3/16/2015	LEAD-212	2.12	20.48	pCi/L	U	U	20.9	63.1
FTF012R	3/16/2015	LEAD-212	2.12	15.5	pCi/L	U	U	20.3	51.1
FTF012R	11/11/2015	LEAD-212	2.12	9.16	pCi/L	U	U	9.66	26.4
FTF012R	11/11/2015	LEAD-212	2.12	5.31	pCi/L	U	U	8.55	23
FTF 28	10/14/2015	LEAD-212	2.12	2.9	pCi/L	U	U	9.19	20.4
FTF 28	10/14/2015	LEAD-212	2.12	2.79	pCi/L	U	U	10.4	25
FTF 28	10/14/2015	LEAD-212	2.12	0.375	pCi/L	U	U	9.1	21.3
FTF 28	2/9/2015	LEAD-212	2.12	0.0832	pCi/L	U	U	24.4	51
FTF 28	2/9/2015	LEAD-212	2.12	-5.81	pCi/L	U	U	22.3	88.7
FTF 28	2/9/2015	LEAD-214		194	pCi/L			22.7	71.5
FTF012R	11/11/2015	LEAD-214		191	pCi/L			12.9	49.1

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF012R	11/11/2015	LEAD-214		181	pCi/L			9.94	39.5
FTF 28	2/9/2015	LEAD-214		161	pCi/L			21.7	76.5
FTF012R	3/16/2015	LEAD-214		140.8	pCi/L			25.4	79.8
FTF 28	10/14/2015	LEAD-214		123	pCi/L			23	47.8
FTF012R	3/16/2015	LEAD-214		121	pCi/L			22.5	68.5
FTF 28	10/14/2015	LEAD-214		101	pCi/L			10.5	36.5
FTF 28	10/14/2015	LEAD-214		83.8	pCi/L			12.8	45.4
FTF009R	2/10/2015	MANGANESE	320	395	ug/L			1	10
FBG001C	2/9/2015	MANGANESE	320	190	ug/L			5	25
FBG001C	2/9/2015	MANGANESE	320	189	ug/L			25	125
FBG001C	2/9/2015	MANGANESE	320	130	ug/L			1	10
FBG001C	11/11/2015	MANGANESE	320	120	ug/L			0.88	2
FBG001C	11/11/2015	MANGANESE	320	103	ug/L			1	10
FBG001C	11/11/2015	MANGANESE	320	99.5	ug/L			1	10
FTF 20	11/10/2015	MANGANESE	320	79.5	ug/L			1	10
FTF030	2/10/2015	MANGANESE	320	72.5	ug/L			1	10
FTF030D	11/11/2015	MANGANESE	320	71.5	ug/L			1	10
FTF030D	2/11/2015	MANGANESE	320	70.8	ug/L			1	10
FTF012R	11/11/2015	MANGANESE	320	63.9	ug/L			1	10
FTF 19	11/10/2015	MANGANESE	320	63.4	ug/L			1	10
FTF009R	12/2/2015	MANGANESE	320	59.5	ug/L			1	10
FTF 20	2/9/2015	MANGANESE	320	57.9	ug/L			1	10
FTF030	11/11/2015	MANGANESE	320	49.7	ug/L			1	10
FTF 19	2/9/2015	MANGANESE	320	44	ug/L			1	10
FTF 22	2/9/2015	MANGANESE	320	11.4	ug/L			1	10
FTF031	2/9/2015	MANGANESE	320	11.2	ug/L			1	10
FTF 22	11/10/2015	MANGANESE	320	10.6	ug/L			1	10
FTF 23	11/10/2015	MANGANESE	320	10.4	ug/L			1	10
FTF 29	12/3/2015	MANGANESE	320	10	ug/L	U	U	1	10
FTF031	11/10/2015	MANGANESE	320	9.86	ug/L	J	J	1	10
FTF 28	10/14/2015	MANGANESE	320	9.8	ug/L	J	J	1	10
FTF 28	2/9/2015	MANGANESE	320	9.41	ug/L	J	J	1	10
FTF 28	2/9/2015	MANGANESE	320	9.4	ug/L	J	J	1	10
FTF 28	10/14/2015	MANGANESE	320	9.35	ug/L	J	J	1	10
FTF 23	2/9/2015	MANGANESE	320	6.96	ug/L	J	J	1	10
FTF012R	2/10/2015	MANGANESE	320	4.35	ug/L	J	J	1	10
FTF 29	2/11/2015	MANGANESE	320	1.44	ug/L	J	J	1	10
FTF 28	10/14/2015	NICKEL-59	300	2.54	pCi/L	U	U	17.1	36.4
FTF012R	11/11/2015	NICKEL-59	300	1.9	pCi/L	UJ	U	15.5	33.4
FTF 28	2/9/2015	NICKEL-59	300	0	pCi/L	U	U	2.21	4.83
FTF 28	2/9/2015	NICKEL-59	300	0	pCi/L	U	U	2.2	4.96
FTF012R	3/16/2015	NICKEL-59	300	0	pCi/L	U	U	1.5	3.306
FTF012R	11/11/2015	NICKEL-59	300	-1.45	pCi/L	UJ	U	14.8	32.3
FTF 28	10/14/2015	NICKEL-59	300	-10	pCi/L	U	U	13.2	30.5
FTF 28	10/14/2015	NICKEL-59	300	-44.8	pCi/L	UJ	UJ	15.6	37.8
FTF 28	10/14/2015	NICKEL-63	50	7.51	pCi/L	U	U	34.4	74.4
FTF012R	3/16/2015	NICKEL-63	50	4.01	pCi/L	J	J	2.22	5.04
FTF 28	2/9/2015	NICKEL-63	50	2.88	pCi/L	U	U	3.15	7.05
FTF 28	2/9/2015	NICKEL-63	50	2.15	pCi/L	U	U	3.14	6.96
FTF 28	10/14/2015	NICKEL-63	50	-2.46	pCi/L	U	U	32	68.6
FTF 28	10/14/2015	NICKEL-63	50	-9.35	pCi/L	U	U	33.1	70.3
FTF012R	11/11/2015	NICKEL-63	50	-17.9	pCi/L	U	U	36.6	78.4
FTF012R	11/11/2015	NICKEL-63	50	-21.7	pCi/L	U	U	38.6	82.4
FBG001C	11/11/2015	NITRATE-NITRITE AS NITROGEN	10	8.5	mg/L			0.047	0.5
FBG001C	11/11/2015	NITRATE-NITRITE AS NITROGEN	10	8.42	mg/L			0.047	0.5
FBG001C	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	7.5	mg/L			0.085	0.25
FBG001C	11/11/2015	NITRATE-NITRITE AS NITROGEN	10	7.35	mg/L			0.17	0.5
FBG001C	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	6.2	mg/L			0.047	0.5
FTF 29	12/3/2015	NITRATE-NITRITE AS NITROGEN	10	3.16	mg/L			0.085	0.25
FTF030D	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	3	mg/L			0.019	0.2

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF030D	11/11/2015	NITRATE-NITRITE AS NITROGEN	10	2.99	mg/L			0.17	0.5
FTF031	11/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.87	mg/L			0.17	0.5
FTF009R	12/2/2015	NITRATE-NITRITE AS NITROGEN	10	2.85	mg/L			0.085	0.25
FTF 29	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	2.8	mg/L			0.019	0.2
FTF031	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	2.6	mg/L			0.0094	0.1
FTF 20	11/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.51	mg/L			0.17	0.5
FTF 20	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	2.5	mg/L			0.0094	0.1
FTF 23	11/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.14	mg/L			0.17	0.5
FTF012R	11/11/2015	NITRATE-NITRITE AS NITROGEN	10	2.12	mg/L			0.17	0.5
FTF009R	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.1	mg/L			0.0094	0.1
FTF012R	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.1	mg/L			0.019	0.2
FTF 22	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	2	mg/L			0.0094	0.1
FTF 28	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	2	mg/L			0.0094	0.1
FTF 28	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	2	mg/L			0.0094	0.1
FTF 28	10/14/2015	NITRATE-NITRITE AS NITROGEN	10	1.99	mg/L			0.085	0.25
FTF 28	10/14/2015	NITRATE-NITRITE AS NITROGEN	10	1.95	mg/L			0.085	0.25
FTF 19	11/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.92	mg/L			0.17	0.5
FTF 23	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	1.9	mg/L			0.0094	0.1
FTF 22	11/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.86	mg/L			0.17	0.5
FTF 19	11/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.81	mg/L			0.17	0.5
FTF 19	2/9/2015	NITRATE-NITRITE AS NITROGEN	10	1.7	mg/L			0.0094	0.1
FTF030	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.6	mg/L			0.019	0.2
FTF030	11/11/2015	NITRATE-NITRITE AS NITROGEN	10	1.6	mg/L			0.17	0.5
FTF 28	2/9/2015	NONVOLATILE BETA	50	827	pCi/L			0.87	19.13
FTF 28	2/9/2015	NONVOLATILE BETA	50	747	pCi/L			0.911	18.171
FTF 28	10/14/2015	NONVOLATILE BETA	50	676	pCi/L			0.91	12.5
FTF 28	10/14/2015	NONVOLATILE BETA	50	670	pCi/L			2.89	37.7
FTF012R	11/11/2015	NONVOLATILE BETA	50	158	pCi/L			2.49	19.6
FTF012R	11/11/2015	NONVOLATILE BETA	50	153	pCi/L			2.42	19
FTF012R	2/10/2015	NONVOLATILE BETA	50	93.1	pCi/L			3.84	23.2
FTF 29	12/3/2015	NONVOLATILE BETA	50	16.3	pCi/L			2.91	9.23
FTF 29	2/11/2015	NONVOLATILE BETA	50	8.45	pCi/L	J	J	4.27	11.7
FTF 19	11/10/2015	NONVOLATILE BETA	50	7.68	pCi/L			2.18	6.44
FTF 19	2/9/2015	NONVOLATILE BETA	50	7.46	pCi/L	J	J	3.79	10.5
FTF030D	2/11/2015	NONVOLATILE BETA	50	6.81	pCi/L	J	J	4.57	11.7
FTF009R	2/10/2015	NONVOLATILE BETA	50	5.39	pCi/L	J	J	3.76	9.79
FBG001C	2/9/2015	NONVOLATILE BETA	50	5.35	pCi/L	J	J	2.87	7.15
FTF 20	2/9/2015	NONVOLATILE BETA	50	4.03	pCi/L	J	J	3.84	9.49
FBG001C	11/11/2015	NONVOLATILE BETA	50	3.97	pCi/L	J	J	2.69	6.55
FTF030	2/10/2015	NONVOLATILE BETA	50	3.97	pCi/L	J	J	3.74	9.29
FBG001C	2/9/2015	NONVOLATILE BETA	50	3.93	pCi/L	J	J	3.76	9.32
FTF 23	2/9/2015	NONVOLATILE BETA	50	3.8	pCi/L	U	U	3.82	9.38
FTF 22	2/9/2015	NONVOLATILE BETA	50	3.79	pCi/L	U	U	3.84	9.42
FBG001C	11/11/2015	NONVOLATILE BETA	50	3.71	pCi/L			1.11	2.868
FBG001C	11/11/2015	NONVOLATILE BETA	50	3.449	pCi/L			1.1	2.814
FTF 23	11/10/2015	NONVOLATILE BETA	50	3.44	pCi/L	J	J	2.64	6.24
FTF 20	11/10/2015	NONVOLATILE BETA	50	2.79	pCi/L	J	J	2.28	5.6
FBG001C	2/9/2015	NONVOLATILE BETA	50	1.93	pCi/L	U	U	2.3	5.28
FTF030D	11/11/2015	NONVOLATILE BETA	50	1.89	pCi/L	U	U	3.3	7.3
FTF030	11/11/2015	NONVOLATILE BETA	50	1.81	pCi/L	U	U	3.86	8.42
FTF031	2/9/2015	NONVOLATILE BETA	50	1.05	pCi/L	U	U	3.76	8.2
FTF009R	12/2/2015	NONVOLATILE BETA	50	0.819	pCi/L	U	U	2.83	6.09
FTF031	11/10/2015	NONVOLATILE BETA	50	-0.157	pCi/L	U	U	3.93	8.27
FTF 22	11/10/2015	NONVOLATILE BETA	50	-1.63	pCi/L	U	U	2.72	5.28
FTF 29	12/3/2015	PH	NA	7.3	pH				
FTF 29	2/11/2015	PH	NA	7.2	pH				
FTF009R	12/2/2015	PH	NA	6.5	pH				
FTF012R	2/10/2015	PH	NA	6.5	pH				
FTF012R	3/16/2015	PH	NA	6.5	pH				
FTF012R	11/11/2015	PH	NA	6.2	pH				

Bold indicates result exceeds the MCL/RSI

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF009R	2/10/2015	PH	NA	6.1	pH				
FTF030	2/10/2015	PH	NA	5.7	pH				
FBG001C	11/11/2015	PH	NA	5.6	pH				
FBG001C	2/9/2015	PH	NA	5.5	pH				
FTF030D	2/11/2015	PH	NA	5.5	pH				
FTF 19	11/10/2015	PH	NA	5.4	pH				
FTF030	11/11/2015	PH	NA	5.3	pH				
FTF030D	11/11/2015	PH	NA	5.3	pH				
FTF 22	11/10/2015	PH	NA	5.2	pH				
FTF 19	2/9/2015	PH	NA	5.1	pH				
FTF 20	11/10/2015	PH	NA	5	pH				
FTF 28	2/9/2015	PH	NA	5	pH				
FTF 28	10/14/2015	PH	NA	5	pH				
FTF 20	2/9/2015	PH	NA	4.9	pH				
FTF031	2/9/2015	PH	NA	4.8	pH				
FTF031	11/10/2015	PH	NA	4.8	pH				
FTF 22	2/9/2015	PH	NA	4.7	pH				
FTF 23	2/9/2015	PH	NA	4.7	pH				
FTF 23	11/10/2015	PH	NA	4.7	pH				
FBG001D	2/9/2015	PH	NA		pH				
FBG001D	11/10/2015	PH	NA		pH				
FTF 28	10/14/2015	POTASSIUM-40	2.14	22.1	pCi/L	U	U	35.1	151
FTF012R	11/11/2015	POTASSIUM-40	2.14	14.3	pCi/L	U	U	67.8	137
FTF012R	11/11/2015	POTASSIUM-40	2.14	8.38	pCi/L	U	U	59.2	119
FTF 28	10/14/2015	POTASSIUM-40	2.14	4.41	pCi/L	U	U	70.5	137
FTF 28	10/14/2015	POTASSIUM-40	2.14	-2.5	pCi/L	U	U	65	144
FTF 28	2/9/2015	POTASSIUM-40	2.14	-15.2	pCi/L	U	U	188	440
FTF012R	3/16/2015	POTASSIUM-40	2.14	-20.4	pCi/L	U	U	178	470
FTF 28	2/9/2015	POTASSIUM-40	2.14	-30.8	pCi/L	U	U	158	422
FTF012R	3/16/2015	POTASSIUM-40	2.14	-57.41	pCi/L	U	U	218	640
FTF012R	11/11/2015	PROMETHIUM-147	600	4.62	pCi/L	U	U	8.95	19.6
FTF 28	10/14/2015	PROMETHIUM-147	600	3	pCi/L	U	U	7.47	16.3
FTF 28	10/14/2015	PROMETHIUM-147	600	2.5	pCi/L	U	U	7.46	16.3
FTF012R	11/11/2015	PROMETHIUM-147	600	1.23	pCi/L	U	U	8.06	17.5
FTF 28	10/14/2015	PROMETHIUM-147	600	1.07	pCi/L	U	U	7.47	16.2
FTF012R	3/16/2015	PROMETHIUM-147	600	0.255	pCi/L	U	U	1.4	3.032
FTF 28	2/9/2015	PROMETHIUM-147	600	-0.6253	pCi/L	U	U	1.86	4.02
FTF 28	2/9/2015	PROMETHIUM-147	600	-1.55	pCi/L	U	UJ	1.91	4.11
FTF 28	2/9/2015	PROMETHIUM-147	600	-1.66	pCi/L	U	U	1.86	3.98
FTF012R	11/11/2015	RADIUM-226	5	2.55	pCi/L			0.502	1.71
FTF012R	11/11/2015	RADIUM-226	5	1.91	pCi/L			0.411	1.36
FTF012R	3/16/2015	RADIUM-226	5	1.33	pCi/L			0.052	0.3238
FTF 28	10/14/2015	RADIUM-226	5	0.92	pCi/L	J	J	0.413	1.14
FTF 28	10/14/2015	RADIUM-226	5	0.62	pCi/L	J	J	0.401	1.02
FTF 28	10/14/2015	RADIUM-226	5	0.456	pCi/L	U	U	0.491	1.16
FTF 28	2/9/2015	RADIUM-226	5	0.333	pCi/L	J	J	0.157	0.409
FTF 28	2/9/2015	RADIUM-226	5	0.272	pCi/L	J	J	0.147	0.377
FTF 28	2/9/2015	RADIUM-226	5	0.2099	pCi/L	J	J	0.168	0.402
FTF012R	3/16/2015	RADIUM-228	5	1.69	pCi/L			0.251	0.805
FTF012R	11/11/2015	RADIUM-228	5	0.453	pCi/L	U	U	0.603	1.35
FTF 28	10/14/2015	RADIUM-228	5	0.344	pCi/L	U	U	0.608	1.34
FTF 28	10/14/2015	RADIUM-228	5	0.336	pCi/L	U	U	0.46	1.04
FTF 28	10/14/2015	RADIUM-228	5	0.193	pCi/L	U	U	0.325	0.723
FTF 28	2/9/2015	RADIUM-228	5	0.0864	pCi/L	U	U	0.336	0.728
FTF 28	2/9/2015	RADIUM-228	5	0.0855	pCi/L	U	U	0.317	0.685
FTF012R	11/11/2015	RADIUM-228	5	-0.0609	pCi/L	U	U	0.47	0.94
FTF 28	2/9/2015	RADIUM-228	5	-0.1177	pCi/L	U	U	0.346	0.708
FTF 22	11/10/2015	SODIUM	NA	15400	ug/L			20	200
FTF 20	2/9/2015	SODIUM	NA	14900	ug/L			20	200
FTF 22	2/9/2015	SODIUM	NA	14300	ug/L			20	200

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF 20	11/10/2015	SODIUM	NA	12800	ug/L			20	200
FTF030D	2/11/2015	SODIUM	NA	10500	ug/L			20	200
FTF 23	2/9/2015	SODIUM	NA	8060	ug/L			20	200
FTF030D	11/11/2015	SODIUM	NA	7480	ug/L			20	200
FTF 23	11/10/2015	SODIUM	NA	6640	ug/L			20	200
FBG001C	11/11/2015	SODIUM	NA	6200	ug/L			24	50
FBG001C	11/11/2015	SODIUM	NA	5890	ug/L			20	200
FTF 29	12/3/2015	SODIUM	NA	5830	ug/L			20	200
FBG001C	11/11/2015	SODIUM	NA	5750	ug/L			20	200
FBG001C	2/9/2015	SODIUM	NA	5730	ug/L			20	200
FTF 19	2/9/2015	SODIUM	NA	5670	ug/L			20	200
FTF012R	11/11/2015	SODIUM	NA	5450	ug/L			20	200
FBG001C	2/9/2015	SODIUM	NA	5270	ug/L			400	1250
FTF012R	2/10/2015	SODIUM	NA	5220	ug/L			20	200
FTF 29	2/11/2015	SODIUM	NA	5170	ug/L			20	200
FBG001C	2/9/2015	SODIUM	NA	5150	ug/L			80	250
FTF 19	11/10/2015	SODIUM	NA	4300	ug/L			20	200
FTF031	2/9/2015	SODIUM	NA	4150	ug/L			20	200
FTF031	11/10/2015	SODIUM	NA	4010	ug/L			20	200
FTF009R	2/10/2015	SODIUM	NA	3540	ug/L			20	200
FTF030	11/11/2015	SODIUM	NA	3220	ug/L			20	200
FTF 28	2/9/2015	SODIUM	NA	2950	ug/L			20	200
FTF 28	2/9/2015	SODIUM	NA	2900	ug/L			20	200
FTF030	2/10/2015	SODIUM	NA	2890	ug/L			20	200
FTF 28	10/14/2015	SODIUM	NA	2730	ug/L			20	200
FTF 28	10/14/2015	SODIUM	NA	2720	ug/L			20	200
FTF009R	12/2/2015	SODIUM	NA	2710	ug/L			20	200
FTF 29	12/3/2015	SPECIFIC CONDUCTANCE	NA	320	uS/cm				
FTF 29	2/11/2015	SPECIFIC CONDUCTANCE	NA	277	uS/cm				
FTF012R	2/10/2015	SPECIFIC CONDUCTANCE	NA	176	uS/cm				
FTF012R	3/16/2015	SPECIFIC CONDUCTANCE	NA	153	uS/cm				
FTF 20	2/9/2015	SPECIFIC CONDUCTANCE	NA	122	uS/cm				
FTF 20	11/10/2015	SPECIFIC CONDUCTANCE	NA	118	uS/cm				
FTF 22	11/10/2015	SPECIFIC CONDUCTANCE	NA	117	uS/cm				
FTF012R	11/11/2015	SPECIFIC CONDUCTANCE	NA	114	uS/cm				
FTF009R	12/2/2015	SPECIFIC CONDUCTANCE	NA	99	uS/cm				
FTF 22	2/9/2015	SPECIFIC CONDUCTANCE	NA	94	uS/cm				
FTF009R	2/10/2015	SPECIFIC CONDUCTANCE	NA	94	uS/cm				
FTF 19	11/10/2015	SPECIFIC CONDUCTANCE	NA	93	uS/cm				
FBG001C	11/11/2015	SPECIFIC CONDUCTANCE	NA	90	uS/cm				
FBG001C	2/9/2015	SPECIFIC CONDUCTANCE	NA	87	uS/cm				
FTF030D	2/11/2015	SPECIFIC CONDUCTANCE	NA	85	uS/cm				
FTF 19	2/9/2015	SPECIFIC CONDUCTANCE	NA	76	uS/cm				
FTF030D	11/11/2015	SPECIFIC CONDUCTANCE	NA	67	uS/cm				
FTF 23	11/10/2015	SPECIFIC CONDUCTANCE	NA	62	uS/cm				
FTF 23	2/9/2015	SPECIFIC CONDUCTANCE	NA	61	uS/cm				
FTF031	11/10/2015	SPECIFIC CONDUCTANCE	NA	50	uS/cm				
FTF030	2/10/2015	SPECIFIC CONDUCTANCE	NA	48	uS/cm				
FTF031	2/9/2015	SPECIFIC CONDUCTANCE	NA	48	uS/cm				
FTF030	11/11/2015	SPECIFIC CONDUCTANCE	NA	45	uS/cm				
FTF 28	10/14/2015	SPECIFIC CONDUCTANCE	NA	39	uS/cm				
FTF 28	2/9/2015	SPECIFIC CONDUCTANCE	NA	38	uS/cm				
FBG001D	2/9/2015	SPECIFIC CONDUCTANCE	NA		uS/cm				
FBG001D	11/10/2015	SPECIFIC CONDUCTANCE	NA		uS/cm				
FTF012R	3/16/2015	STRONTIUM-90	8	3.91	pCi/L			0.25	1.03
FTF 28	2/9/2015	STRONTIUM-90	8	0.387	pCi/L	J	U	0.269	0.647
FTF 28	2/9/2015	STRONTIUM-90	8	0.127	pCi/L	U	U	0.283	0.623
FTF012R	11/11/2015	STRONTIUM-90	8	-0.0539	pCi/L	U	U	7.71	16.4
FTF 28	10/14/2015	STRONTIUM-90	8	-0.648	pCi/L	U	U	3.35	6.61
FTF 28	10/14/2015	STRONTIUM-90	8	-1.67	pCi/L	U	U	4.18	7.92

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF 28	10/14/2015	STRONTIUM-90	8	-3.56	pCi/L	U	U	6.29	12
FTF 28	10/14/2015	TECHNETIUM-99	900	1420	pCi/L			8.9	56.1
FTF 28	2/9/2015	TECHNETIUM-99	900	1330	pCi/L			3.28	43.48
FTF 28	10/14/2015	TECHNETIUM-99	900	1300	pCi/L			8.81	53.8
FTF 28	2/9/2015	TECHNETIUM-99	900	1280	pCi/L			3.14	41.94
FTF012R	11/11/2015	TECHNETIUM-99	900	152	pCi/L			8.77	24.8
FTF012R	3/16/2015	TECHNETIUM-99	900	142	pCi/L			4.06	14.92
FBG001C	2/9/2015	TECHNETIUM-99	900	7.13	pCi/L	U	U	7.17	15.9
FBG001C	2/9/2015	TECHNETIUM-99	900	4.08	pCi/L	U	U	7.21	15.8
FTF030	11/11/2015	TECHNETIUM-99	900	3.23	pCi/L	U	U	8.06	17.6
FBG001C	2/9/2015	TECHNETIUM-99	900	2.85	pCi/L	J	J	2.11	4.79
FTF030	2/10/2015	TECHNETIUM-99	900	2.43	pCi/L	J	J	2.12	4.78
FBG001C	11/11/2015	TECHNETIUM-99	900	2.18	pCi/L	J	J	2.01	4.51
FBG001C	11/11/2015	TECHNETIUM-99	900	2	pCi/L	U	U	7.56	16.5
FBG001C	11/11/2015	TECHNETIUM-99	900	1.765	pCi/L	U	U	2.13	4.73
FTF030	11/11/2015	TECHNETIUM-99	900	-0.653	pCi/L	U	U	7.38	15.9
FTF012R	11/11/2015	THALLIUM-208		2.88	pCi/L	U	U	4.04	10.1
FTF 28	10/14/2015	THALLIUM-208		2.6	pCi/L	U	U	4.72	12.7
FTF 28	10/14/2015	THALLIUM-208		0.0298	pCi/L	U	U	5.55	12.5
FTF012R	11/11/2015	THALLIUM-208		-0.126	pCi/L	U	U	5.53	12
FTF012R	3/16/2015	THALLIUM-208		-0.24	pCi/L	U	U	10.2	12.112
FTF 28	2/9/2015	THALLIUM-208		-0.408	pCi/L	U	U	11.5	13.68
FTF 28	10/14/2015	THALLIUM-208		-1.28	pCi/L	U	U	6.44	13.6
FTF 28	2/9/2015	THALLIUM-208		-2.72	pCi/L	U	U	13.2	96.4
FTF012R	3/16/2015	THALLIUM-208		-4.386	pCi/L	U	U	16	89.8
FTF 29	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	118	mg/L				
FTF 29	12/3/2015	TOTAL ALKALINITY (AS CaCO3)	NA	111	mg/L				
FTF009R	12/2/2015	TOTAL ALKALINITY (AS CaCO3)	NA	46	mg/L				
FTF012R	3/16/2015	TOTAL ALKALINITY (AS CaCO3)	NA	44	mg/L				
FTF012R	11/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	39	mg/L				
FTF012R	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	38	mg/L				
FTF009R	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	32	mg/L				
FBG001C	11/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	14	mg/L				
FBG001C	2/9/2015	TOTAL ALKALINITY (AS CaCO3)	NA	12	mg/L				
FTF030D	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	12	mg/L				
FTF030D	11/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	11	mg/L				
FTF 19	11/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	10	mg/L				
FTF030	11/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	9	mg/L				
FTF 22	11/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	6	mg/L				
FTF030	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	6	mg/L				
FTF 19	2/9/2015	TOTAL ALKALINITY (AS CaCO3)	NA	3	mg/L				
FTF 28	2/9/2015	TOTAL ALKALINITY (AS CaCO3)	NA	3	mg/L				
FTF031	2/9/2015	TOTAL ALKALINITY (AS CaCO3)	NA	2	mg/L				
FTF 20	2/9/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
FTF 20	11/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
FTF 22	2/9/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
FTF 23	2/9/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
FTF 23	11/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
FTF 28	10/14/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
FTF031	11/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
FBG001D	2/9/2015	TOTAL ALKALINITY (AS CaCO3)	NA		mg/L				
FBG001D	11/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA		mg/L				
FTF030D	2/11/2015	TRITIUM	20	16.7	pCi/mL			0.44	2.04
FTF030D	11/11/2015	TRITIUM	20	10.3	pCi/mL			0.529	1.8
FTF 19	2/9/2015	TRITIUM	20	6.24	pCi/mL			0.415	1.47
FTF 29	2/11/2015	TRITIUM	20	4.77	pCi/mL			0.439	1.4
FTF012R	2/10/2015	TRITIUM	20	4.7	pCi/mL			0.411	1.36
FTF 29	12/3/2015	TRITIUM	20	4.5	pCi/mL			0.434	1.38
FTF 28	2/9/2015	TRITIUM	20	2.78	pCi/mL			0.416	1.21
FBG001C	11/11/2015	TRITIUM	20	2.76	pCi/mL			0.521	1.35

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF012R	11/11/2015	TRITIUM	20	2.71	pCi/mL			0.456	1.26
FBG001C	2/9/2015	TRITIUM	20	2.64	pCi/mL			0.415	1.19
FBG001C	11/11/2015	TRITIUM	20	2.63	pCi/mL			0.307	1.053
FBG001C	2/9/2015	TRITIUM	20	2.51	pCi/mL			0.744	1.91
FTF 28	10/14/2015	TRITIUM	20	2.48	pCi/mL			0.459	1.26
FBG001C	11/11/2015	TRITIUM	20	2.421	pCi/mL			0.307	1.029
FTF 28	2/9/2015	TRITIUM	20	2.37	pCi/mL			0.415	1.17
FTF 28	10/14/2015	TRITIUM	20	2.36	pCi/mL			0.459	1.25
FBG001C	2/9/2015	TRITIUM	20	2.26	pCi/mL			0.695	1.78
FTF 20	11/10/2015	TRITIUM	20	1.84	pCi/mL			0.523	1.29
FTF031	2/9/2015	TRITIUM	20	1.8	pCi/mL			0.414	1.11
FTF 20	2/9/2015	TRITIUM	20	1.48	pCi/mL			0.414	1.07
FTF 22	11/10/2015	TRITIUM	20	1.47	pCi/mL			0.453	1.14
FTF 22	2/9/2015	TRITIUM	20	1.41	pCi/mL			0.415	1.07
FTF030	2/10/2015	TRITIUM	20	1.31	pCi/mL			0.412	1.05
FTF009R	2/10/2015	TRITIUM	20	1.28	pCi/mL			0.411	1.05
FTF031	11/10/2015	TRITIUM	20	1.23	pCi/mL			0.454	1.12
FTF030	11/11/2015	TRITIUM	20	1.21	pCi/mL			0.454	1.12
FTF 19	11/10/2015	TRITIUM	20	1.04	pCi/mL	J	J	0.456	1.1
FTF030	11/11/2015	TRITIUM	20	0.938	pCi/mL	J	J	0.453	1.09
FTF 23	2/9/2015	TRITIUM	20	0.88	pCi/mL	J	J	0.414	1.01
FTF009R	12/2/2015	TRITIUM	20	0.82	pCi/mL	J	J	0.425	1.02
FTF 23	11/10/2015	TRITIUM	20	0.616	pCi/mL	J	J	0.456	1.06
FTF030D	2/11/2015	TURBIDITY	NA	81.9	NTU				
FTF030D	11/11/2015	TURBIDITY	NA	39.9	NTU				
FTF 29	12/3/2015	TURBIDITY	NA	33.8	NTU				
FTF012R	3/16/2015	TURBIDITY	NA	7	NTU				
FTF 29	2/11/2015	TURBIDITY	NA	6.8	NTU				
FTF012R	11/11/2015	TURBIDITY	NA	4.9	NTU				
FTF012R	2/10/2015	TURBIDITY	NA	4.4	NTU				
FBG001C	2/9/2015	TURBIDITY	NA	4.3	NTU				
FBG001C	11/11/2015	TURBIDITY	NA	3	NTU				
FTF031	2/9/2015	TURBIDITY	NA	2.6	NTU				
FTF009R	2/10/2015	TURBIDITY	NA	2.5	NTU				
FTF 19	2/9/2015	TURBIDITY	NA	1	NTU				
FTF 23	11/10/2015	TURBIDITY	NA	0.9	NTU				
FTF 28	10/14/2015	TURBIDITY	NA	0.7	NTU				
FTF009R	12/2/2015	TURBIDITY	NA	0.7	NTU				
FTF031	11/10/2015	TURBIDITY	NA	0.7	NTU				
FTF 22	2/9/2015	TURBIDITY	NA	0.6	NTU				
FTF 20	2/9/2015	TURBIDITY	NA	0.5	NTU				
FTF 22	11/10/2015	TURBIDITY	NA	0.5	NTU				
FTF 20	11/10/2015	TURBIDITY	NA	0.4	NTU				
FTF 23	2/9/2015	TURBIDITY	NA	0.4	NTU				
FTF030	2/10/2015	TURBIDITY	NA	0.3	NTU				
FTF 19	11/10/2015	TURBIDITY	NA	0.2	NTU				
FTF030	11/11/2015	TURBIDITY	NA	0.2	NTU				
FTF 28	2/9/2015	TURBIDITY	NA	0.1	NTU				
FBG001D	2/9/2015	TURBIDITY	NA		NTU				
FBG001D	11/10/2015	TURBIDITY	NA		NTU				
FBG001D	2/9/2015	WATER ELEVATION	NA	220.95	ft msl				
FTF012R	11/11/2015	WATER ELEVATION	NA	220.75	ft msl				
FTF 19	11/10/2015	WATER ELEVATION	NA	220.46	ft msl				
FTF 23	11/10/2015	WATER ELEVATION	NA	220.04	ft msl				
FTF 19	2/9/2015	WATER ELEVATION	NA	220.02	ft msl				
FTF 20	11/10/2015	WATER ELEVATION	NA	219.86	ft msl				
FTF 22	11/10/2015	WATER ELEVATION	NA	219.8	ft msl				
FTF009R	12/2/2015	WATER ELEVATION	NA	219.8	ft msl				
FBG001D	11/10/2015	WATER ELEVATION	NA	219.75	ft msl				
FTF 23	2/9/2015	WATER ELEVATION	NA	219.68	ft msl				

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF 20	2/9/2015	WATER ELEVATION	NA	219.57	ft msl				
FTF 22	2/9/2015	WATER ELEVATION	NA	219.47	ft msl				
FTF012R	2/10/2015	WATER ELEVATION	NA	219.35	ft msl				
FTF012R	3/16/2015	WATER ELEVATION	NA	219.35	ft msl				
FTF009R	2/10/2015	WATER ELEVATION	NA	219.25	ft msl				
FTF030D	11/11/2015	WATER ELEVATION	NA	219.18	ft msl				
FTF030D	2/11/2015	WATER ELEVATION	NA	218.71	ft msl				
FBG001C	11/11/2015	WATER ELEVATION	NA	216.93	ft msl				
FBG001C	2/9/2015	WATER ELEVATION	NA	216.81	ft msl				
FTF031	11/10/2015	WATER ELEVATION	NA	213.44	ft msl				
FTF030	11/11/2015	WATER ELEVATION	NA	213.38	ft msl				
FTF030	2/10/2015	WATER ELEVATION	NA	213.07	ft msl				
FTF031	2/9/2015	WATER ELEVATION	NA	213.03	ft msl				
FTF 29	12/3/2015	WATER ELEVATION	NA	212.28	ft msl				
FTF 29	2/11/2015	WATER ELEVATION	NA	211.88	ft msl				
FTF 28	10/14/2015	WATER ELEVATION	NA	211.52	ft msl				
FTF 28	2/9/2015	WATER ELEVATION	NA	211.12	ft msl				

Attachment B
2015 Sample Results for H-Area Tank Farm

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 4D	2/11/2015	AMERICIUM-241	15	0.02695	pCi/L	U	U	0.04	0.1166
HAA 4D	10/13/2015	AMERICIUM-241	15	0.00695	pCi/L	U	U	0.152	0.297
HAA 4D	2/11/2015	AMERICIUM-241	15	-0.0104	pCi/L	U	U	0.126	0.2072
HAA 4D	10/13/2015	AMERICIUM-241	15	-0.0182	pCi/L	U	U	0.154	0.264
HAA 4D	10/13/2015	AMERICIUM-243	15	0.205	pCi/L	J	J	0.177	0.493
HAA 4D	2/11/2015	AMERICIUM-243	15	0.058	pCi/L	U	U	0.075	0.1994
HAA 4D	2/11/2015	AMERICIUM-243	15	0.003947	pCi/L	U	U	0.098	0.1665
HAA 4D	10/13/2015	AMERICIUM-243	15	-0.0491	pCi/L	U	U	0.304	0.528
HAA 8B	2/5/2015	CADMIUM	5	5	ug/L	U	U	0.55	5
HAA 14C	2/12/2015	CADMIUM	5	5	ug/L	U	U	0.55	5
HAA 1A	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 1C	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 1D	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 1D	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 2B	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 2B	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 2C	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 2D	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 4B	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 4B	12/2/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 4C	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 4C	10/13/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 4D	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 4D	10/13/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 7C	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 7D	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 7D	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 8C	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 8C	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 8D	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 9B	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 9B	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 9B	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 9D	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 9D	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 10B	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 10B	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 10B	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 10B	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 10C	2/5/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 10D	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 10D	10/13/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 11B	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 11B	10/13/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 11D	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 12B	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 12B	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 12B	9/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 12D	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 12D	10/14/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 13B	2/23/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 13B	11/24/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 13B	11/24/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 13C	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 13C	10/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 13D	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 13D	2/10/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 13D	10/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 14B	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 14B	10/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 14C	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.11	1
HAA 14D	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 15C	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 15C	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 15C	10/21/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 15D	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 15D	10/21/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA017D	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA018D	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA018D	11/3/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA018D	11/3/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA019C	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA019C	10/14/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA019D	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA020C	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA020C	10/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA020D	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA020D	10/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA020D	10/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA021C	2/12/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA021C	10/14/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA021D	2/11/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA021D	10/14/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA021D	10/14/2015	CADMIUM	5	1	ug/L	U	U	0.1	1
HAA 9C	9/10/2015	CADMIUM	5	0.5	ug/L	J	J	0.1	1
HAA 14C	10/12/2015	CADMIUM	5	0.5	ug/L	U	U	0.1	0.5
HAA 9C	2/5/2015	CADMIUM	5	0.436	ug/L	J	J	0.1	1
HAA018C	2/12/2015	CADMIUM	5	0.369	ug/L	J	J	0.1	1
HAA 12C	9/10/2015	CADMIUM	5	0.367	ug/L	J	J	0.1	1
HAA017C	11/4/2015	CADMIUM	5	0.329	ug/L	J	J	0.1	1
HAA 7B	9/10/2015	CADMIUM	5	0.324	ug/L	J	J	0.1	1
HAA017C	2/12/2015	CADMIUM	5	0.242	ug/L	J	J	0.1	1
HAA 1A	9/10/2015	CADMIUM	5	0.218	ug/L	J	J	0.1	1
HAA 8B	10/13/2015	CADMIUM	5	0.21	ug/L	J	J	0.1	0.5
HAA 7C	2/11/2015	CADMIUM	5	0.208	ug/L	J	J	0.1	1
HAA018C	11/4/2015	CADMIUM	5	0.17	ug/L	J	J	0.1	1
HAA 2D	9/10/2015	CADMIUM	5	0.169	ug/L	J	J	0.1	1
HAA 11C	10/13/2015	CADMIUM	5	0.166	ug/L	J	J	0.1	1
HAA018C	11/4/2015	CADMIUM	5	0.166	ug/L	J	J	0.1	1
HAA 15B	2/12/2015	CADMIUM	5	0.163	ug/L	J	J	0.1	1
HAA019D	10/14/2015	CADMIUM	5	0.162	ug/L	J	J	0.1	1
HAA018C	2/12/2015	CADMIUM	5	0.159	ug/L	J	J	0.1	1
HAA017D	11/4/2015	CADMIUM	5	0.152	ug/L	J	J	0.1	1
HAA 11D	9/10/2015	CADMIUM	5	0.141	ug/L	J	J	0.1	1
HAA 10C	9/10/2015	CADMIUM	5	0.134	ug/L	J	J	0.1	1
HAA 1C	9/10/2015	CADMIUM	5	0.131	ug/L	J	J	0.1	1
HAA 8B	2/5/2015	CADMIUM	5	0.124	ug/L	J	J	0.11	1
HAA 8B	10/13/2015	CADMIUM	5	0.124	ug/L	J	J	0.1	1
HAA 2C	9/10/2015	CADMIUM	5	0.12	ug/L	J	J	0.1	1
HAA 7B	2/11/2015	CADMIUM	5	0.118	ug/L	J	J	0.1	1
HAA 11C	2/10/2015	CADMIUM	5	0.113	ug/L	J	J	0.1	1
HAA 14D	10/12/2015	CADMIUM	5	0.109	ug/L	J	J	0.1	1
HAA 12C	2/10/2015	CADMIUM	5	0.107	ug/L	J	J	0.1	1
HAA 14C	2/12/2015	CADMIUM	5	0.104	ug/L	J	J	0.1	1
HAA 8B	2/5/2015	CADMIUM	5	0.1	ug/L	J	J	0.1	1
HAA 8D	2/5/2015	CADMIUM	5	0.1	ug/L	J	J	0.1	1
HAA 14C	10/12/2015	CADMIUM	5	0.1	ug/L	J	J	0.1	1
HAA 15B	10/21/2015	CADMIUM	5	0.1	ug/L	J	J	0.1	1
HAA 1A	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 1C	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 1D	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 2B	2/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 2B	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 2C	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 2C	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 2D	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 2D	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 4B	12/2/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 4C	10/13/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 4D	10/13/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 7B	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 7D	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 8B	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 8B	10/13/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 8C	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 8C	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 8D	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 8D	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 9B	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 9B	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 9B	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 9C	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 9C	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 9D	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 9D	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 10B	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 10B	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 10B	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 10B	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 10C	2/5/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 10C	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 10D	10/13/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 11B	10/13/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 11C	10/13/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 11D	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 12C	9/10/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 12D	10/14/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 13B	2/23/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 13B	11/24/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 13B	11/24/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 13C	10/12/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 14B	10/12/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 14C	10/12/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 14D	10/12/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 15B	10/21/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 15C	10/21/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 15D	10/21/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA017C	11/4/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA017D	11/4/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA018C	11/4/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA018C	11/4/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA018D	11/3/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA018D	11/3/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA019C	10/14/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA020C	10/12/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA020D	10/12/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA020D	10/12/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA021C	10/14/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA021D	10/14/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA021D	10/14/2015	CHROMIUM	100	100	ug/L	U	U	10	100
HAA 8B	2/5/2015	CHROMIUM	100	50	ug/L	U	U	10	50
HAA 14C	2/12/2015	CHROMIUM	100	50	ug/L	U	U	10	50
HAA 13D	2/10/2015	CHROMIUM	100	36.6	ug/L	U	U	10	100
HAA 13D	2/10/2015	CHROMIUM	100	33.9	ug/L	U	U	10	100
HAA 13D	10/12/2015	CHROMIUM	100	33.1	ug/L	J	J	10	100
HAA 7C	2/11/2015	CHROMIUM	100	23.5	ug/L	U	U	10	100
HAA 12B	2/10/2015	CHROMIUM	100	19.5	ug/L	U	U	10	100
HAA019D	10/14/2015	CHROMIUM	100	18.6	ug/L	J	J	10	100
HAA 11C	2/10/2015	CHROMIUM	100	18.4	ug/L	U	U	10	100

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 12C	2/10/2015	CHROMIUM	100	18.2	ug/L	U	U	10	100
HAA020D	2/11/2015	CHROMIUM	100	17.9	ug/L	U	U	10	100
HAA 13C	2/10/2015	CHROMIUM	100	17.6	ug/L	U	U	10	100
HAA019D	2/12/2015	CHROMIUM	100	17	ug/L	U	U	10	100
HAA 11D	2/10/2015	CHROMIUM	100	16.8	ug/L	U	U	10	100
HAA 14C	2/12/2015	CHROMIUM	100	16.7	ug/L	U	U	10	100
HAA018C	2/12/2015	CHROMIUM	100	16.4	ug/L	U	U	10	100
HAA 1D	2/10/2015	CHROMIUM	100	16.2	ug/L	U	U	10	100
HAA 11B	2/10/2015	CHROMIUM	100	15.9	ug/L	U	U	10	100
HAA019C	2/12/2015	CHROMIUM	100	15.5	ug/L	U	U	10	100
HAA021D	2/11/2015	CHROMIUM	100	15.4	ug/L	U	U	10	100
HAA 14B	2/12/2015	CHROMIUM	100	15.1	ug/L	U	U	10	100
HAA018C	2/12/2015	CHROMIUM	100	14.8	ug/L	U	U	10	100
HAA 15C	2/12/2015	CHROMIUM	100	14.7	ug/L	U	U	10	100
HAA 7D	2/11/2015	CHROMIUM	100	14.6	ug/L	U	U	10	100
HAA 15B	2/12/2015	CHROMIUM	100	14.5	ug/L	U	U	10	100
HAA 4C	2/11/2015	CHROMIUM	100	14.3	ug/L	U	U	10	100
HAA 12D	2/10/2015	CHROMIUM	100	14.3	ug/L	U	U	10	100
HAA 14D	2/12/2015	CHROMIUM	100	14.1	ug/L	U	U	10	100
HAA017C	2/12/2015	CHROMIUM	100	14	ug/L	U	U	10	100
HAA021C	2/12/2015	CHROMIUM	100	13.7	ug/L	U	U	10	100
HAA 15D	2/12/2015	CHROMIUM	100	13.5	ug/L	U	U	10	100
HAA 12B	9/10/2015	CHROMIUM	100	13.4	ug/L	J	J	10	100
HAA 1A	2/10/2015	CHROMIUM	100	13.3	ug/L	U	U	10	100
HAA 10D	2/11/2015	CHROMIUM	100	13	ug/L	U	U	10	100
HAA 12B	9/10/2015	CHROMIUM	100	13	ug/L	J	J	10	100
HAA018D	2/12/2015	CHROMIUM	100	12.9	ug/L	U	U	10	100
HAA 4B	2/11/2015	CHROMIUM	100	12.8	ug/L	U	U	10	100
HAA 1C	2/10/2015	CHROMIUM	100	12.7	ug/L	U	U	10	100
HAA017D	2/12/2015	CHROMIUM	100	12.7	ug/L	U	U	10	100
HAA020C	2/11/2015	CHROMIUM	100	12.2	ug/L	U	U	10	100
HAA 7B	2/11/2015	CHROMIUM	100	12.1	ug/L	U	U	10	100
HAA 15C	2/12/2015	CHROMIUM	100	12.1	ug/L	U	U	10	100
HAA 4D	2/11/2015	CHROMIUM	100	12	ug/L	U	U	10	100
HAA 7C	9/10/2015	CHROMIUM	100	10.7	ug/L	J	J	10	100
HAA 14C	10/12/2015	CHROMIUM	100	6.5	ug/L	J	J	1	10
HAA 14C	2/12/2015	CHROMIUM	100	5.8	ug/L	J	J	2	10
HAA 8B	10/13/2015	CHROMIUM	100	3.9	ug/L	J	J	1	10
HAA 8B	2/5/2015	CHROMIUM	100	3.47	ug/L	J	J	2	10
HAA 4D	10/13/2015	CURIUM-242	15	0.0258	pCi/L	U	U	0.0773	0.222
HAA 4D	2/11/2015	CURIUM-242	15	0	pCi/L	U	U	0.04	0.0616
HAA 4D	2/11/2015	CURIUM-242	15	0	pCi/L	U	U	0.046	0.0712
HAA 4D	10/13/2015	CURIUM-242	15	-0.0272	pCi/L	U	U	0.231	0.395
HAA 4D	10/13/2015	CURIUM-243/244	15	0.0379	pCi/L	U	U	0.138	0.312
HAA 4D	10/13/2015	CURIUM-243/244	15	0.0186	pCi/L	U	U	0.117	0.257
HAA 4D	2/11/2015	CURIUM-243/244	15	-0.005502	pCi/L	U	U	0.073	0.095
HAA 4D	2/11/2015	CURIUM-243/244	15	-0.00637	pCi/L	U	U	0.085	0.1099
HAA 4D	2/11/2015	CURIUM-245/246	15	0.07209	pCi/L	U	U	0.09	0.2347
HAA 4D	2/11/2015	CURIUM-245/246	15	0	pCi/L	U	U	0.105	0.1752
HAA 4D	10/13/2015	CURIUM-245/246	15	0	pCi/L	U	U	0.122	0.286
HAA 4D	10/13/2015	CURIUM-245/246	15	0	pCi/L	U	U	0.0833	0.195
HAA 4D	10/13/2015	GROSS ALPHA	15	7.58	pCi/L	J	J	2.88	8.76
HAA 13D	10/12/2015	GROSS ALPHA	15	6.64	pCi/L	J	J	2.55	7.65
HAA019D	10/14/2015	GROSS ALPHA	15	6.13	pCi/L	J	J	2.99	8.11
HAA 4D	2/11/2015	GROSS ALPHA	15	5.78	pCi/L			1.78	4.96
HAA 7D	9/10/2015	GROSS ALPHA	15	3.98	pCi/L	J	J	2.88	7.02
HAA 14D	10/12/2015	GROSS ALPHA	15	3.77	pCi/L	J	J	3.21	7.71
HAA 7D	2/11/2015	GROSS ALPHA	15	3.56	pCi/L	J	J	2.3	7.3
HAA018D	2/12/2015	GROSS ALPHA	15	3.36	pCi/L	J	J	2.33	7.31
HAA 14B	2/12/2015	GROSS ALPHA	15	2.53	pCi/L	J	J	2.43	6.87
HAA018C	2/12/2015	GROSS ALPHA	15	2.46	pCi/L	J	J	2.26	6.54
HAA 14D	2/12/2015	GROSS ALPHA	15	2.37	pCi/L	J	J	2.27	6.41
HAA 13B	11/24/2015	GROSS ALPHA	15	2.3	pCi/L	U	U	2.98	6.92

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 1C	9/10/2015	GROSS ALPHA	15	2.04	pCi/L	U	U	2.59	6.15
HAA020C	10/12/2015	GROSS ALPHA	15	1.71	pCi/L	U	U	2.6	5.92
HAA 1D	2/10/2015	GROSS ALPHA	15	1.68	pCi/L	U	U	2.29	5.96
HAA017D	2/12/2015	GROSS ALPHA	15	1.67	pCi/L	U	U	2.27	5.91
HAA 7C	9/10/2015	GROSS ALPHA	15	1.65	pCi/L	U	U	2.85	6.35
HAA 11D	2/10/2015	GROSS ALPHA	15	1.65	pCi/L	U	U	2.25	5.86
HAA 12D	2/10/2015	GROSS ALPHA	15	1.65	pCi/L	U	U	2.24	5.84
HAA 14C	2/12/2015	GROSS ALPHA	15	1.64	pCi/L	U	U	2.34	5.95
HAA 15C	2/12/2015	GROSS ALPHA	15	1.64	pCi/L	U	U	2.23	5.82
HAA017C	11/4/2015	GROSS ALPHA	15	1.64	pCi/L	U	U	2.78	6.22
HAA019C	2/12/2015	GROSS ALPHA	15	1.63	pCi/L	U	U	2.34	5.95
HAA 9B	9/10/2015	GROSS ALPHA	15	1.44	pCi/L	U	U	2.6	5.82
HAA 14C	2/12/2015	GROSS ALPHA	15	1.41	pCi/L	U	U	1.98	4.62
HAA 11D	9/10/2015	GROSS ALPHA	15	1.38	pCi/L	U	U	1.94	4.56
HAA017D	11/4/2015	GROSS ALPHA	15	1.33	pCi/L	U	U	2.84	6.2
HAA017C	2/12/2015	GROSS ALPHA	15	1.27	pCi/L	U	U	2.27	5.56
HAA 10D	2/11/2015	GROSS ALPHA	15	1.26	pCi/L	U	U	2.38	5.67
HAA 7C	2/11/2015	GROSS ALPHA	15	1.24	pCi/L	U	U	2.33	5.56
HAA 8B	2/5/2015	GROSS ALPHA	15	1.21	pCi/L	U	U	2.3	5.48
HAA019D	2/12/2015	GROSS ALPHA	15	1.21	pCi/L	U	U	2.28	5.44
HAA018C	11/4/2015	GROSS ALPHA	15	1.17	pCi/L	U	U	2.71	5.87
HAA 8C	9/10/2015	GROSS ALPHA	15	1.09	pCi/L	U	U	2.79	5.99
HAA 12B	2/10/2015	GROSS ALPHA	15	0.896	pCi/L	U	U	2.34	5.28
HAA 13B	2/23/2015	GROSS ALPHA	15	0.888	pCi/L	U	U	2.48	5.47
HAA 1C	2/10/2015	GROSS ALPHA	15	0.881	pCi/L	U	U	2.29	5.18
HAA 7B	2/11/2015	GROSS ALPHA	15	0.858	pCi/L	U	U	2.4	5.29
HAA018D	11/3/2015	GROSS ALPHA	15	0.844	pCi/L	U	U	2.83	5.95
HAA 12D	10/14/2015	GROSS ALPHA	15	0.842	pCi/L	U	U	1.99	4.33
HAA018C	2/12/2015	GROSS ALPHA	15	0.829	pCi/L	U	U	2.3	5.09
HAA021C	2/12/2015	GROSS ALPHA	15	0.824	pCi/L	U	U	2.29	5.06
HAA021D	2/11/2015	GROSS ALPHA	15	0.815	pCi/L	U	U	2.26	5
HAA 2D	2/5/2015	GROSS ALPHA	15	0.813	pCi/L	U	U	2.27	5.01
HAA020D	10/12/2015	GROSS ALPHA	15	0.799	pCi/L	U	U	2.9	6.1
HAA 14C	10/12/2015	GROSS ALPHA	15	0.769	pCi/L	U	U	1.61	3.544
HAA 2C	9/10/2015	GROSS ALPHA	15	0.755	pCi/L	U	U	2.86	6.02
HAA 1A	9/10/2015	GROSS ALPHA	15	0.718	pCi/L	U	U	2.66	5.5
HAA 10B	9/10/2015	GROSS ALPHA	15	0.675	pCi/L	U	U	2.72	5.58
HAA 12C	9/10/2015	GROSS ALPHA	15	0.652	pCi/L	U	U	2.85	5.85
HAA 1D	9/10/2015	GROSS ALPHA	15	0.637	pCi/L	U	U	2.67	5.73
HAA 15B	10/21/2015	GROSS ALPHA	15	0.637	pCi/L	U	U	2.59	5.33
HAA 8B	10/13/2015	GROSS ALPHA	15	0.569	pCi/L	U	U	2.43	4.91
HAA 11D	9/10/2015	GROSS ALPHA	15	0.507	pCi/L	U	U	2.4	5
HAA 11D	2/10/2015	GROSS ALPHA	15	0.47	pCi/L	U	U	2.25	4.6
HAA 12C	2/10/2015	GROSS ALPHA	15	0.467	pCi/L	U	U	2.26	4.61
HAA 10B	2/5/2015	GROSS ALPHA	15	0.457	pCi/L	U	U	2.43	4.85
HAA 7B	9/10/2015	GROSS ALPHA	15	0.446	pCi/L	U	U	2.87	5.75
HAA020C	10/12/2015	GROSS ALPHA	15	0.436	pCi/L	U	U	2.75	5.53
HAA 8C	2/5/2015	GROSS ALPHA	15	0.433	pCi/L	U	U	2.33	4.63
HAA 9C	9/10/2015	GROSS ALPHA	15	0.369	pCi/L	U	U	1.77	3.53
HAA 10D	10/13/2015	GROSS ALPHA	15	0.365	pCi/L	U	U	2.53	5.29
HAA 15C	10/21/2015	GROSS ALPHA	15	0.343	pCi/L	U	U	2.53	5.03
HAA021D	10/14/2015	GROSS ALPHA	15	0.29	pCi/L	U	U	2.87	5.71
HAA 10C	9/10/2015	GROSS ALPHA	15	0.244	pCi/L	U	U	2.81	5.61
HAA 8B	10/13/2015	GROSS ALPHA	15	0.147	pCi/L	U	U	1.7	3.488
HAA 8D	9/10/2015	GROSS ALPHA	15	0.111	pCi/L	U	U	2.95	5.97
HAA 11B	10/13/2015	GROSS ALPHA	15	0.106	pCi/L	U	U	2.78	5.48
HAA 2B	2/10/2015	GROSS ALPHA	15	0.0775	pCi/L	U	U	2.37	4.21
HAA 1A	2/10/2015	GROSS ALPHA	15	0.0754	pCi/L	U	U	2.36	4.19
HAA 11B	2/10/2015	GROSS ALPHA	15	0.0742	pCi/L	U	U	2.33	4.14
HAA 13C	2/10/2015	GROSS ALPHA	15	0.0742	pCi/L	U	U	2.28	4.04
HAA 15B	2/12/2015	GROSS ALPHA	15	0.0729	pCi/L	U	U	2.26	4.02
HAA 13B	11/24/2015	GROSS ALPHA	15	0.059	pCi/L	U	U	2.82	5.44
HAA 2D	9/10/2015	GROSS ALPHA	15	0.0486	pCi/L	U	U	2.94	5.8

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 10B	2/5/2015	GROSS ALPHA	15	0.0408	pCi/L	U	U	2.45	4.22
HAA 2C	2/5/2015	GROSS ALPHA	15	0.0383	pCi/L	U	U	2.28	3.92
HAA 4C	2/11/2015	GROSS ALPHA	15	0.0381	pCi/L	U	U	2.36	4.05
HAA 9D	2/5/2015	GROSS ALPHA	15	0.038	pCi/L	U	U	2.28	3.92
HAA 7B	2/11/2015	GROSS ALPHA	15	0.037	pCi/L	U	U	2.41	4.14
HAA 9B	2/5/2015	GROSS ALPHA	15	0.0368	pCi/L	U	U	2.5	4.3
HAA 4B	2/11/2015	GROSS ALPHA	15	0.0361	pCi/L	U	U	2.4	4.13
HAA 9C	2/5/2015	GROSS ALPHA	15	0.0356	pCi/L	U	U	2.3	3.95
HAA021C	2/12/2015	GROSS ALPHA	15	0.0353	pCi/L	U	U	2.28	3.92
HAA020D	2/11/2015	GROSS ALPHA	15	0.035	pCi/L	U	U	2.31	3.97
HAA 8D	2/5/2015	GROSS ALPHA	15	0.0347	pCi/L	U	U	2.29	3.94
HAA 10C	2/5/2015	GROSS ALPHA	15	0.0312	pCi/L	U	U	2.31	3.96
HAA018C	11/4/2015	GROSS ALPHA	15	0.0225	pCi/L	U	U	2.96	5.78
HAA 10B	9/10/2015	GROSS ALPHA	15	-0.0192	pCi/L	U	U	2.63	4.89
HAA 8B	10/13/2015	GROSS ALPHA	15	-0.1117	pCi/L	U	U	1.79	3.578
HAA 14B	10/12/2015	GROSS ALPHA	15	-0.174	pCi/L	U	U	2.51	4.65
HAA 11C	10/13/2015	GROSS ALPHA	15	-0.211	pCi/L	U	U	2.95	5.59
HAA 4B	12/2/2015	GROSS ALPHA	15	-0.233	pCi/L	U	U	2.78	5.3
HAA 9D	9/10/2015	GROSS ALPHA	15	-0.233	pCi/L	U	U	2.96	5.84
HAA021C	10/14/2015	GROSS ALPHA	15	-0.24	pCi/L	U	U	2.95	5.81
HAA 15D	2/12/2015	GROSS ALPHA	15	-0.319	pCi/L	U	U	2.23	2.95
HAA 13D	2/10/2015	GROSS ALPHA	15	-0.322	pCi/L	U	U	2.23	2.95
HAA 11C	2/10/2015	GROSS ALPHA	15	-0.324	pCi/L	U	U	2.25	2.98
HAA 14C	10/12/2015	GROSS ALPHA	15	-0.33	pCi/L	U	U	2.9	5.52
HAA020C	2/11/2015	GROSS ALPHA	15	-0.355	pCi/L	U	U	2.3	2.79
HAA 10B	2/5/2015	GROSS ALPHA	15	-0.384	pCi/L	U	U	2.46	2.99
HAA 4C	10/13/2015	GROSS ALPHA	15	-0.407	pCi/L	U	U	2.49	4.24
HAA 15D	10/21/2015	GROSS ALPHA	15	-0.49	pCi/L	U	U	2.91	5.33
HAA 8B	2/5/2015	GROSS ALPHA	15	-0.498	pCi/L	U	U	2.95	5.43
HAA 12B	9/10/2015	GROSS ALPHA	15	-0.599	pCi/L	U	U	2.93	5.15
HAA019C	10/14/2015	GROSS ALPHA	15	-0.61	pCi/L	U	U	2.47	4.13
HAA 14C	2/12/2015	GROSS ALPHA	15	-0.649	pCi/L	U	U	2.63	4.52
HAA 10B	9/10/2015	GROSS ALPHA	15	-0.702	pCi/L	U	U	2.62	4.37
HAA 2B	9/10/2015	GROSS ALPHA	15	-0.813	pCi/L	U	U	2.92	5.1
HAA 13C	10/12/2015	GROSS ALPHA	15	-1.49	pCi/L	U	U	2.56	4.51
HAA017D	2/25/2015	IODINE-129	1	0.788	pCi/L	U	U	1.52	3.37
HAA017C	2/12/2015	MANGANESE	320	539	ug/L			1	10
HAA017C	11/4/2015	MANGANESE	320	411	ug/L			1	10
HAA 10D	10/13/2015	MANGANESE	320	375	ug/L			1	10
HAA 10D	2/11/2015	MANGANESE	320	355	ug/L			1	10
HAA018D	2/12/2015	MANGANESE	320	319	ug/L			1	10
HAA018D	11/3/2015	MANGANESE	320	272	ug/L			1	10
HAA018D	11/3/2015	MANGANESE	320	271	ug/L			1	10
HAA019D	2/12/2015	MANGANESE	320	247	ug/L			1	10
HAA019D	10/14/2015	MANGANESE	320	157	ug/L			1	10
HAA 7C	2/11/2015	MANGANESE	320	97.1	ug/L			1	10
HAA017D	2/12/2015	MANGANESE	320	40.9	ug/L			1	10
HAA017D	11/4/2015	MANGANESE	320	40.3	ug/L			1	10
HAA021D	2/11/2015	MANGANESE	320	39.3	ug/L			1	10
HAA 4D	2/11/2015	MANGANESE	320	34.9	ug/L			1	10
HAA 4D	10/13/2015	MANGANESE	320	33.7	ug/L			1	10
HAA 8C	9/10/2015	MANGANESE	320	32.9	ug/L			1	10
HAA 8C	2/5/2015	MANGANESE	320	30.4	ug/L			1	10
HAA 1C	9/10/2015	MANGANESE	320	27.6	ug/L			1	10
HAA 1C	2/10/2015	MANGANESE	320	27.5	ug/L			1	10
HAA 8B	2/5/2015	MANGANESE	320	25	ug/L	U	U	5	25
HAA 14C	2/12/2015	MANGANESE	320	25	ug/L	U	U	5	25
HAA021D	10/14/2015	MANGANESE	320	22.2	ug/L			1	10
HAA021D	10/14/2015	MANGANESE	320	22.1	ug/L			1	10
HAA021C	2/12/2015	MANGANESE	320	19.7	ug/L			1	10
HAA 7C	9/10/2015	MANGANESE	320	19.6	ug/L			1	10
HAA021C	10/14/2015	MANGANESE	320	17.9	ug/L			1	10
HAA 2C	9/10/2015	MANGANESE	320	17.5	ug/L			1	10

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 2C	2/5/2015	MANGANESE	320	16.7	ug/L			1	10
HAA 8D	2/5/2015	MANGANESE	320	14.6	ug/L			1	10
HAA018C	2/12/2015	MANGANESE	320	14.4	ug/L			1	10
HAA018C	2/12/2015	MANGANESE	320	14.3	ug/L			1	10
HAA 1D	2/10/2015	MANGANESE	320	14	ug/L			1	10
HAA 12C	2/10/2015	MANGANESE	320	13.9	ug/L			1	10
HAA 1D	9/10/2015	MANGANESE	320	13.3	ug/L			1	10
HAA 12C	9/10/2015	MANGANESE	320	13	ug/L			1	10
HAA 8D	9/10/2015	MANGANESE	320	10.4	ug/L			1	10
HAA 1A	2/10/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 1A	9/10/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 4B	12/2/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 4C	2/11/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 4C	10/13/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 9B	2/5/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 9B	2/5/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 9B	9/10/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 10B	2/5/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 10B	2/5/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 10B	9/10/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 11B	2/10/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 11B	10/13/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 13C	2/10/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 13C	10/12/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 14B	2/12/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 14B	10/12/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 14C	2/12/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA 14C	10/12/2015	MANGANESE	320	10	ug/L	U	U	1	10
HAA020D	2/11/2015	MANGANESE	320	9.42	ug/L	J	J	1	10
HAA018C	11/4/2015	MANGANESE	320	9.38	ug/L	J	J	1	10
HAA018C	11/4/2015	MANGANESE	320	9.34	ug/L	J	J	1	10
HAA 13D	10/12/2015	MANGANESE	320	7.84	ug/L	J	J	1	10
HAA 9D	2/5/2015	MANGANESE	320	7.36	ug/L	J	J	1	10
HAA 15C	2/12/2015	MANGANESE	320	6.71	ug/L	J	J	1	10
HAA 15C	2/12/2015	MANGANESE	320	6.71	ug/L	J	J	1	10
HAA020C	2/11/2015	MANGANESE	320	6.09	ug/L	J	J	1	10
HAA020D	10/12/2015	MANGANESE	320	6.02	ug/L	J	J	1	10
HAA020D	10/12/2015	MANGANESE	320	5.91	ug/L	J	J	1	10
HAA 15C	10/21/2015	MANGANESE	320	5.66	ug/L	J	J	1	10
HAA020C	10/12/2015	MANGANESE	320	5.25	ug/L	J	J	1	10
HAA 10C	2/5/2015	MANGANESE	320	5.08	ug/L	J	J	1	10
HAA 14C	2/12/2015	MANGANESE	320	5	ug/L	U	U	1	5
HAA 10C	9/10/2015	MANGANESE	320	4.91	ug/L	J	J	1	10
HAA 13D	2/10/2015	MANGANESE	320	4.72	ug/L	J	J	1	10
HAA 13D	2/10/2015	MANGANESE	320	4.58	ug/L	J	J	1	10
HAA 8B	2/5/2015	MANGANESE	320	4.28	ug/L	J	J	1	5
HAA 9C	9/10/2015	MANGANESE	320	4.19	ug/L	J	J	1	10
HAA 11C	10/13/2015	MANGANESE	320	4.18	ug/L	J	J	1	10
HAA 2D	9/10/2015	MANGANESE	320	4.08	ug/L	J	J	1	10
HAA 9C	2/5/2015	MANGANESE	320	3.87	ug/L	J	J	1	10
HAA 2D	2/5/2015	MANGANESE	320	3.67	ug/L	J	J	1	10
HAA 7D	9/10/2015	MANGANESE	320	3.67	ug/L	J	J	1	10
HAA 15B	10/21/2015	MANGANESE	320	3.64	ug/L	J	J	1	10
HAA 9D	9/10/2015	MANGANESE	320	3.56	ug/L	J	J	1	10
HAA 15B	2/12/2015	MANGANESE	320	3.51	ug/L	J	J	1	10
HAA 8B	10/13/2015	MANGANESE	320	3.5	ug/L			0.88	2
HAA 11D	2/10/2015	MANGANESE	320	3.23	ug/L	J	J	1	10
HAA 7D	2/11/2015	MANGANESE	320	3.15	ug/L	J	J	1	10
HAA 14D	2/12/2015	MANGANESE	320	3	ug/L	J	J	1	10
HAA 13B	2/23/2015	MANGANESE	320	2.84	ug/L	J	J	1	10
HAA019C	10/14/2015	MANGANESE	320	2.83	ug/L	J	J	1	10
HAA 14D	10/12/2015	MANGANESE	320	2.63	ug/L	J	J	1	10
HAA 7B	2/11/2015	MANGANESE	320	2.56	ug/L	J	J	1	10

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 8B	10/13/2015	MANGANESE	320	2.48	ug/L	J	J	1	10
HAA 8B	2/5/2015	MANGANESE	320	2.41	ug/L	J	J	1	10
HAA 2B	2/10/2015	MANGANESE	320	2.36	ug/L	J	J	1	10
HAA 11D	9/10/2015	MANGANESE	320	2.25	ug/L	J	J	1	10
HAA 11C	2/10/2015	MANGANESE	320	2.11	ug/L	J	J	1	10
HAA 2B	9/10/2015	MANGANESE	320	1.92	ug/L	J	J	1	10
HAA 12B	9/10/2015	MANGANESE	320	1.84	ug/L	J	J	1	10
HAA 7B	9/10/2015	MANGANESE	320	1.83	ug/L	J	J	1	10
HAA 12B	9/10/2015	MANGANESE	320	1.8	ug/L	J	J	1	10
HAA 4B	2/11/2015	MANGANESE	320	1.58	ug/L	J	J	1	10
HAA 12D	2/10/2015	MANGANESE	320	1.47	ug/L	J	J	1	10
HAA 15D	2/12/2015	MANGANESE	320	1.45	ug/L	J	J	1	10
HAA 12B	2/10/2015	MANGANESE	320	1.43	ug/L	J	J	1	10
HAA 12D	10/14/2015	MANGANESE	320	1.32	ug/L	J	J	1	10
HAA 13B	11/24/2015	MANGANESE	320	1.26	ug/L	J	J	1	10
HAA 13B	11/24/2015	MANGANESE	320	1.23	ug/L	J	J	1	10
HAA019C	2/12/2015	MANGANESE	320	1.11	ug/L	J	J	1	10
HAA 15D	10/21/2015	MANGANESE	320	1.08	ug/L	J	J	1	10
HAA 10B	9/10/2015	MANGANESE	320	1.04	ug/L	J	J	1	10
HAA 14C	10/12/2015	MANGANESE	320	0.96	ug/L	J	J	0.88	2
HAA 4D	10/13/2015	NEPTUNIUM-237	15	0.11	pCi/L	U	U	0.354	0.79
HAA 4D	10/13/2015	NEPTUNIUM-237	15	0.0823	pCi/L	U	U	0.247	0.709
HAA 4D	2/11/2015	NEPTUNIUM-237	15	0.01099	pCi/L	U	U	0.071	0.1313
HAA 4D	2/11/2015	NEPTUNIUM-237	15	-0.0185	pCi/L	U	U	0.124	0.161
HAA 4D	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	8.4	mg/L			0.047	0.5
HAA 4D	10/13/2015	NITRATE-NITRITE AS NITROGEN	10	7.58	mg/L			0.17	0.5
HAA 12C	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	3.6	mg/L			0.019	0.2
HAA 12C	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	3.26	mg/L			0.17	0.5
HAA 11D	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.7	mg/L			0.019	0.2
HAA 4B	12/2/2015	NITRATE-NITRITE AS NITROGEN	10	2.68	mg/L			0.085	0.25
HAA 12D	10/14/2015	NITRATE-NITRITE AS NITROGEN	10	2.54	mg/L			0.085	0.25
HAA 11D	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.4	mg/L			0.17	0.5
HAA021D	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	2.2	mg/L			0.019	0.2
HAA 12D	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.1	mg/L			0.019	0.2
HAA021D	10/14/2015	NITRATE-NITRITE AS NITROGEN	10	2.05	mg/L			0.085	0.25
HAA 8C	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	2.03	mg/L			0.085	0.25
HAA 13D	10/12/2015	NITRATE-NITRITE AS NITROGEN	10	2.03	mg/L			0.085	0.25
HAA 8C	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	2	mg/L			0.0094	0.1
HAA 13D	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	2	mg/L			0.019	0.2
HAA 9C	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	1.9	mg/L			0.019	0.2
HAA018D	11/3/2015	NITRATE-NITRITE AS NITROGEN	10	1.86	mg/L			0.085	0.25
HAA 15D	10/21/2015	NITRATE-NITRITE AS NITROGEN	10	1.81	mg/L			0.085	0.25
HAA 15D	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.8	mg/L			0.019	0.2
HAA 14D	10/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.79	mg/L			0.085	0.25
HAA018D	11/3/2015	NITRATE-NITRITE AS NITROGEN	10	1.79	mg/L			0.085	0.25
HAA 10C	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.72	mg/L			0.17	0.5
HAA 10C	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	1.7	mg/L			0.0094	0.1
HAA017D	11/4/2015	NITRATE-NITRITE AS NITROGEN	10	1.68	mg/L			0.085	0.25
HAA 9C	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.64	mg/L			0.17	0.5
HAA 14D	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.6	mg/L			0.019	0.2
HAA 15C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.6	mg/L			0.019	0.2
HAA017D	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.6	mg/L			0.019	0.2
HAA 4B	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	1.5	mg/L			0.0094	0.1
HAA019D	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.5	mg/L			0.019	0.2
HAA 7D	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.44	mg/L			0.085	0.25
HAA019D	10/14/2015	NITRATE-NITRITE AS NITROGEN	10	1.41	mg/L			0.017	0.05
HAA 15B	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.4	mg/L			0.019	0.2
HAA018D	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.4	mg/L			0.0094	0.1
HAA 15B	10/21/2015	NITRATE-NITRITE AS NITROGEN	10	1.37	mg/L			0.085	0.25
HAA 15B	10/21/2015	NITRATE-NITRITE AS NITROGEN	10	1.34	mg/L			0.085	0.25
HAA 7D	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	1.3	mg/L			0.0047	0.05
HAA 8D	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	1.3	mg/L			0.0094	0.1
HAA020D	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	1.3	mg/L			0.0094	0.1

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA020D	10/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.27	mg/L			0.085	0.25
HAA021C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	1.2	mg/L			0.019	0.2
HAA 9D	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.17	mg/L			0.085	0.25
HAA 8D	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.13	mg/L			0.085	0.25
HAA 1D	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	1.12	mg/L			0.085	0.25
HAA021C	10/14/2015	NITRATE-NITRITE AS NITROGEN	10	1.12	mg/L			0.085	0.25
HAA 9D	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	1.1	mg/L			0.019	0.2
HAA 11C	10/13/2015	NITRATE-NITRITE AS NITROGEN	10	1.01	mg/L			0.017	0.05
HAA 11C	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	1	mg/L			0.0094	0.1
HAA 15C	10/21/2015	NITRATE-NITRITE AS NITROGEN	10	0.95	mg/L			0.085	0.25
HAA 1D	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.87	mg/L			0.0094	0.1
HAA 10B	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.835	mg/L			0.085	0.25
HAA 11B	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.83	mg/L			0.0047	0.05
HAA 11B	10/13/2015	NITRATE-NITRITE AS NITROGEN	10	0.822	mg/L			0.017	0.05
HAA020C	10/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.78	mg/L			0.085	0.25
HAA019C	10/14/2015	NITRATE-NITRITE AS NITROGEN	10	0.77	mg/L			0.017	0.05
HAA 10B	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.765	mg/L			0.085	0.25
HAA019C	10/14/2015	NITRATE-NITRITE AS NITROGEN	10	0.763	mg/L			0.017	0.05
HAA 10B	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.75	mg/L			0.0047	0.05
HAA019C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.74	mg/L			0.0094	0.1
HAA 10B	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.727	mg/L			0.0047	0.05
HAA 2D	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.71	mg/L			0.0047	0.05
HAA 10B	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.71	mg/L			0.0047	0.05
HAA 2C	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.68	mg/L			0.0047	0.05
HAA020C	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	0.68	mg/L			0.0047	0.05
HAA 2D	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.58	mg/L			0.085	0.25
HAA 10D	10/13/2015	NITRATE-NITRITE AS NITROGEN	10	0.529	mg/L			0.017	0.05
HAA 2C	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.51	mg/L			0.017	0.05
HAA 10D	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	0.51	mg/L			0.0047	0.05
HAA 10D	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	0.499	mg/L			0.0047	0.05
HAA 13B	11/24/2015	NITRATE-NITRITE AS NITROGEN	10	0.494	mg/L			0.017	0.05
HAA 13B	11/24/2015	NITRATE-NITRITE AS NITROGEN	10	0.493	mg/L			0.017	0.05
HAA 14C	10/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.48	mg/L			0.0047	0.05
HAA 14C	10/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.443	mg/L			0.017	0.05
HAA 14C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.421	mg/L			0.017	0.05
HAA 14C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.42	mg/L			0.0047	0.05
HAA 14C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.419	mg/L			0.017	0.05
HAA 4C	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	0.4	mg/L			0.0047	0.05
HAA 13C	10/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.39	mg/L			0.085	0.25
HAA 4C	10/13/2015	NITRATE-NITRITE AS NITROGEN	10	0.378	mg/L			0.085	0.25
HAA 4C	10/13/2015	NITRATE-NITRITE AS NITROGEN	10	0.378	mg/L			0.085	0.25
HAA 13C	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.36	mg/L			0.0047	0.05
HAA 14B	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.19	mg/L			0.0047	0.05
HAA 14B	10/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.168	mg/L			0.017	0.05
HAA 2B	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.162	mg/L			0.017	0.05
HAA 8B	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.15	mg/L			0.0047	0.05
HAA 8B	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.147	mg/L			0.0047	0.05
HAA 12B	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.13	mg/L			0.0047	0.05
HAA 12B	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.13	mg/L			0.017	0.05
HAA017C	11/4/2015	NITRATE-NITRITE AS NITROGEN	10	0.124	mg/L			0.017	0.05
HAA 9B	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.12	mg/L			0.0047	0.05
HAA017C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.12	mg/L			0.0047	0.05
HAA018C	11/4/2015	NITRATE-NITRITE AS NITROGEN	10	0.115	mg/L			0.017	0.05
HAA018C	11/4/2015	NITRATE-NITRITE AS NITROGEN	10	0.115	mg/L			0.017	0.05
HAA 7B	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	0.11	mg/L			0.0047	0.05
HAA018C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.11	mg/L			0.0047	0.05
HAA 9B	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.108	mg/L			0.017	0.05
HAA018C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.103	mg/L			0.0047	0.05
HAA018C	2/12/2015	NITRATE-NITRITE AS NITROGEN	10	0.1	mg/L			0.0047	0.05
HAA 8B	10/13/2015	NITRATE-NITRITE AS NITROGEN	10	0.091	mg/L			0.0047	0.05
HAA 2B	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.089	mg/L			0.0047	0.05
HAA 7B	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.0873	mg/L			0.017	0.05
HAA 8B	2/5/2015	NITRATE-NITRITE AS NITROGEN	10	0.0794	mg/L			0.017	0.05

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 8B	10/13/2015	NITRATE-NITRITE AS NITROGEN	10	0.0777	mg/L			0.017	0.05
HAA 13B	2/23/2015	NITRATE-NITRITE AS NITROGEN	10	0.069	mg/L			0.0047	0.05
HAA 7C	2/11/2015	NITRATE-NITRITE AS NITROGEN	10	0.065	mg/L			0.0047	0.05
HAA 1C	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.05	mg/L	U	U	0.0047	0.05
HAA 1C	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.05	mg/L	U	U	0.017	0.05
HAA 1C	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.05	mg/L	U	U	0.017	0.05
HAA 1A	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.0497	mg/L	J	J	0.017	0.05
HAA 1A	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.0485	mg/L	J	J	0.017	0.05
HAA 1A	2/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.044	mg/L	J	J	0.0047	0.05
HAA 7C	9/10/2015	NITRATE-NITRITE AS NITROGEN	10	0.0362	mg/L	J	J	0.017	0.05
HAA 4D	10/13/2015	NONVOLATILE BETA	50	28.3	pCi/L			3.5	11.4
HAA 4D	2/11/2015	NONVOLATILE BETA	50	21.9	pCi/L			1.13	4.41
HAA 10D	10/13/2015	NONVOLATILE BETA	50	9.78	pCi/L			3.37	8.85
HAA 12C	9/10/2015	NONVOLATILE BETA	50	8.39	pCi/L			2.72	7.48
HAA 4B	12/2/2015	NONVOLATILE BETA	50	7.92	pCi/L			2.51	6.85
HAA 7D	2/11/2015	NONVOLATILE BETA	50	5.73	pCi/L	J	J	4.61	11.5
HAA 7D	9/10/2015	NONVOLATILE BETA	50	5.19	pCi/L	J	J	2.83	6.79
HAA 12D	2/10/2015	NONVOLATILE BETA	50	5.06	pCi/L	J	J	3.79	9.73
HAA019D	10/14/2015	NONVOLATILE BETA	50	4.86	pCi/L	J	J	3.75	8.65
HAA 12D	10/14/2015	NONVOLATILE BETA	50	4.73	pCi/L	J	J	2.72	6.76
HAA 12C	2/10/2015	NONVOLATILE BETA	50	4.64	pCi/L	J	J	3.76	9.55
HAA 10C	2/5/2015	NONVOLATILE BETA	50	4.32	pCi/L	J	J	4.14	10.2
HAA 11D	2/10/2015	NONVOLATILE BETA	50	3.62	pCi/L	U	U	3.79	9.25
HAA 13D	2/10/2015	NONVOLATILE BETA	50	3.25	pCi/L	U	U	3.74	9.03
HAA 12B	2/10/2015	NONVOLATILE BETA	50	3.2	pCi/L	U	U	3.78	9.09
HAA 8C	9/10/2015	NONVOLATILE BETA	50	3.08	pCi/L	U	U	3.8	8.54
HAA017C	2/12/2015	NONVOLATILE BETA	50	2.93	pCi/L	U	U	3.78	8.99
HAA 15C	2/12/2015	NONVOLATILE BETA	50	2.9	pCi/L	U	U	3.78	8.99
HAA 11B	2/10/2015	NONVOLATILE BETA	50	2.76	pCi/L	U	U	3.76	8.89
HAA 12B	9/10/2015	NONVOLATILE BETA	50	2.71	pCi/L	U	U	3.11	7.07
HAA 9B	2/5/2015	NONVOLATILE BETA	50	2.67	pCi/L	U	U	4.17	9.76
HAA 14D	10/12/2015	NONVOLATILE BETA	50	2.65	pCi/L	U	U	2.81	6.35
HAA 7C	9/10/2015	NONVOLATILE BETA	50	2.55	pCi/L	U	U	3.73	8.35
HAA 11B	10/13/2015	NONVOLATILE BETA	50	2.55	pCi/L	U	U	3.4	7.62
HAA 10B	9/10/2015	NONVOLATILE BETA	50	2.48	pCi/L	U	U	2.8	6.42
HAA 13D	10/12/2015	NONVOLATILE BETA	50	2.48	pCi/L	U	U	2.88	6.48
HAA 14C	2/12/2015	NONVOLATILE BETA	50	2.39	pCi/L	U	U	3.07	6.87
HAA 10B	2/5/2015	NONVOLATILE BETA	50	2.3	pCi/L	U	U	4.11	9.5
HAA 1A	2/10/2015	NONVOLATILE BETA	50	2.28	pCi/L	U	U	3.77	8.72
HAA 14B	2/12/2015	NONVOLATILE BETA	50	2.28	pCi/L	U	U	4.48	10.2
HAA 4B	2/11/2015	NONVOLATILE BETA	50	2.19	pCi/L	U	U	4.15	9.56
HAA 8D	2/5/2015	NONVOLATILE BETA	50	1.94	pCi/L	U	U	4.14	9.43
HAA020D	2/11/2015	NONVOLATILE BETA	50	1.94	pCi/L	U	U	4.14	9.44
HAA 8B	2/5/2015	NONVOLATILE BETA	50	1.86	pCi/L	U	U	4.3	9.73
HAA 8C	2/5/2015	NONVOLATILE BETA	50	1.84	pCi/L	U	U	4.2	9.52
HAA 11D	9/10/2015	NONVOLATILE BETA	50	1.84	pCi/L	U	U	3.41	7.49
HAA019C	2/12/2015	NONVOLATILE BETA	50	1.76	pCi/L	U	U	4.36	9.82
HAA 1C	2/10/2015	NONVOLATILE BETA	50	1.75	pCi/L	U	U	3.78	8.53
HAA 1C	9/10/2015	NONVOLATILE BETA	50	1.74	pCi/L	U	U	2.61	5.85
HAA 7B	2/11/2015	NONVOLATILE BETA	50	1.71	pCi/L	U	U	4.15	9.39
HAA018C	2/12/2015	NONVOLATILE BETA	50	1.67	pCi/L	U	U	3.81	8.56
HAA 14C	2/12/2015	NONVOLATILE BETA	50	1.52	pCi/L	U	U	2.61	5.75
HAA 13B	11/24/2015	NONVOLATILE BETA	50	1.5	pCi/L	U	U	2.95	6.47
HAA 2D	2/5/2015	NONVOLATILE BETA	50	1.49	pCi/L	U	U	4.24	9.49
HAA 9C	2/5/2015	NONVOLATILE BETA	50	1.47	pCi/L	U	U	4.14	9.26
HAA021C	2/12/2015	NONVOLATILE BETA	50	1.46	pCi/L	U	U	4.13	9.25
HAA 15B	2/12/2015	NONVOLATILE BETA	50	1.31	pCi/L	U	U	3.75	8.3
HAA020C	10/12/2015	NONVOLATILE BETA	50	1.27	pCi/L	U	U	2.61	5.79
HAA 7B	2/11/2015	NONVOLATILE BETA	50	1.26	pCi/L	U	U	4.26	9.44
HAA 9B	9/10/2015	NONVOLATILE BETA	50	1.24	pCi/L	U	U	3.09	6.71
HAA 1D	2/10/2015	NONVOLATILE BETA	50	1.23	pCi/L	U	U	3.79	8.35
HAA 10B	9/10/2015	NONVOLATILE BETA	50	1.22	pCi/L	U	U	2.6	5.68
HAA 15D	10/21/2015	NONVOLATILE BETA	50	1.22	pCi/L	U	U	2.32	5.12

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 14C	10/12/2015	NONVOLATILE BETA	50	1.19	pCi/L	U	U	2.78	6.04
HAA 10D	2/11/2015	NONVOLATILE BETA	50	1.15	pCi/L	U	U	4.31	9.51
HAA 15C	10/21/2015	NONVOLATILE BETA	50	1.08	pCi/L	U	U	2.8	6.04
HAA 14D	2/12/2015	NONVOLATILE BETA	50	1.06	pCi/L	U	U	4.46	9.77
HAA 13B	2/23/2015	NONVOLATILE BETA	50	1.03	pCi/L	U	U	4.27	9.38
HAA020D	10/12/2015	NONVOLATILE BETA	50	1.03	pCi/L	U	U	2.98	6.44
HAA 11D	9/10/2015	NONVOLATILE BETA	50	0.998	pCi/L	U	U	2.45	5.31
HAA 14B	10/12/2015	NONVOLATILE BETA	50	0.969	pCi/L	U	U	2.69	5.81
HAA 2D	9/10/2015	NONVOLATILE BETA	50	0.953	pCi/L	U	U	3.61	7.73
HAA 7B	9/10/2015	NONVOLATILE BETA	50	0.915	pCi/L	U	U	2.3	4.98
HAA 8B	2/5/2015	NONVOLATILE BETA	50	0.895	pCi/L	U	U	2.36	5.08
HAA 13B	11/24/2015	NONVOLATILE BETA	50	0.877	pCi/L	U	U	2.11	4.61
HAA017D	2/12/2015	NONVOLATILE BETA	50	0.751	pCi/L	U	U	3.79	8.13
HAA018C	11/4/2015	NONVOLATILE BETA	50	0.69	pCi/L	U	U	3.84	8.22
HAA018D	2/12/2015	NONVOLATILE BETA	50	0.664	pCi/L	U	U	3.84	8.2
HAA 4C	2/11/2015	NONVOLATILE BETA	50	0.517	pCi/L	U	U	4.15	8.92
HAA 2C	9/10/2015	NONVOLATILE BETA	50	0.494	pCi/L	U	U	2.04	4.34
HAA 1A	9/10/2015	NONVOLATILE BETA	50	0.482	pCi/L	U	U	2.71	5.71
HAA019D	2/12/2015	NONVOLATILE BETA	50	0.432	pCi/L	U	U	4.3	9.21
HAA 8B	10/13/2015	NONVOLATILE BETA	50	0.413	pCi/L	U	U	2.5	5.24
HAA 11C	2/10/2015	NONVOLATILE BETA	50	0.377	pCi/L	U	U	3.74	7.86
HAA 13C	10/12/2015	NONVOLATILE BETA	50	0.339	pCi/L	U	U	2.43	5.19
HAA 10C	9/10/2015	NONVOLATILE BETA	50	0.322	pCi/L	U	U	2.44	5.16
HAA 9C	9/10/2015	NONVOLATILE BETA	50	0.32	pCi/L	U	U	3.04	6.38
HAA 14C	10/12/2015	NONVOLATILE BETA	50	0.263	pCi/L	U	U	1.09	2.378
HAA 8B	10/13/2015	NONVOLATILE BETA	50	0.22	pCi/L	U	U	1.31	2.828
HAA021D	10/14/2015	NONVOLATILE BETA	50	0.208	pCi/L	U	U	3.28	6.84
HAA 7C	2/11/2015	NONVOLATILE BETA	50	0.198	pCi/L	U	U	4.31	9.13
HAA 10B	2/5/2015	NONVOLATILE BETA	50	0.175	pCi/L	U	U	4.21	8.92
HAA 11C	10/13/2015	NONVOLATILE BETA	50	0.173	pCi/L	U	U	3.63	7.61
HAA 13C	2/10/2015	NONVOLATILE BETA	50	0.117	pCi/L	U	U	3.75	7.77
HAA 4C	10/13/2015	NONVOLATILE BETA	50	0.0943	pCi/L	U	U	2.86	5.9
HAA021C	2/12/2015	NONVOLATILE BETA	50	0.065	pCi/L	U	U	4.25	8.95
HAA018D	11/3/2015	NONVOLATILE BETA	50	0.0445	pCi/L	U	U	2.7	5.56
HAA017D	11/4/2015	NONVOLATILE BETA	50	-0.0341	pCi/L	U	U	2.32	4.78
HAA020C	10/12/2015	NONVOLATILE BETA	50	-0.0733	pCi/L	U	U	2.97	6.23
HAA 15B	10/21/2015	NONVOLATILE BETA	50	-0.0869	pCi/L	U	U	2.83	5.81
HAA 2B	2/10/2015	NONVOLATILE BETA	50	-0.124	pCi/L	U	U	3.77	7.68
HAA 14C	2/12/2015	NONVOLATILE BETA	50	-0.146	pCi/L	U	U	4.36	9.11
HAA 9D	2/5/2015	NONVOLATILE BETA	50	-0.197	pCi/L	U	U	4.13	8.6
HAA 10B	2/5/2015	NONVOLATILE BETA	50	-0.198	pCi/L	U	U	4.16	8.66
HAA 8B	10/13/2015	NONVOLATILE BETA	50	-0.2138	pCi/L	U	U	1.24	2.582
HAA020C	2/11/2015	NONVOLATILE BETA	50	-0.328	pCi/L	U	U	4.08	8.42
HAA019C	10/14/2015	NONVOLATILE BETA	50	-0.374	pCi/L	U	U	2.51	4.97
HAA 11D	2/10/2015	NONVOLATILE BETA	50	-0.383	pCi/L	U	U	3.76	7.53
HAA018C	2/12/2015	NONVOLATILE BETA	50	-0.41	pCi/L	U	U	4.25	8.76
HAA021D	2/11/2015	NONVOLATILE BETA	50	-0.41	pCi/L	U	U	4.24	8.75
HAA 1D	9/10/2015	NONVOLATILE BETA	50	-0.423	pCi/L	U	U	3.87	8.13
HAA 2C	2/5/2015	NONVOLATILE BETA	50	-0.434	pCi/L	U	U	4.13	8.49
HAA018C	11/4/2015	NONVOLATILE BETA	50	-0.522	pCi/L	U	U	3.07	6.21
HAA017C	11/4/2015	NONVOLATILE BETA	50	-0.539	pCi/L	U	U	2.88	5.8
HAA 10B	9/10/2015	NONVOLATILE BETA	50	-0.621	pCi/L	U	U	3.01	6.05
HAA 8D	9/10/2015	NONVOLATILE BETA	50	-0.639	pCi/L	U	U	2.11	4.17
HAA 2B	9/10/2015	NONVOLATILE BETA	50	-0.682	pCi/L	U	U	4.06	8.36
HAA021C	10/14/2015	NONVOLATILE BETA	50	-0.764	pCi/L	U	U	2.68	5.42
HAA 9D	9/10/2015	NONVOLATILE BETA	50	-0.93	pCi/L	U	U	3.01	6.11
HAA 15D	2/12/2015	NONVOLATILE BETA	50	-1.06	pCi/L	U	U	3.74	7.12
HAA 4B	2/11/2015	PH	NA	10.7	pH				
HAA 11B	10/13/2015	PH	NA	10.7	pH				
HAA 4B	12/2/2015	PH	NA	10.1	pH				
HAA 11B	2/10/2015	PH	NA	10.1	pH				
HAA 13B	11/24/2015	PH	NA	9.3	pH				
HAA 14B	10/12/2015	PH	NA	8.1	pH				

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 14B	2/12/2015	PH	NA	7.8	pH				
HAA 1A	9/10/2015	PH	NA	7.7	pH				
HAA 9B	9/10/2015	PH	NA	7.5	pH				
HAA 1A	2/10/2015	PH	NA	7.4	pH				
HAA 9B	2/5/2015	PH	NA	7.4	pH				
HAA 12B	9/10/2015	PH	NA	7.4	pH				
HAA 10B	2/5/2015	PH	NA	7.2	pH				
HAA 10B	9/10/2015	PH	NA	7.2	pH				
HAA 4C	2/11/2015	PH	NA	7	pH				
HAA 12B	2/10/2015	PH	NA	7	pH				
HAA 14C	10/12/2015	PH	NA	7	pH				
HAA 4C	10/13/2015	PH	NA	6.9	pH				
HAA 2B	9/10/2015	PH	NA	6.7	pH				
HAA 13B	2/23/2015	PH	NA	6.7	pH				
HAA019C	10/14/2015	PH	NA	6.7	pH				
HAA020C	10/12/2015	PH	NA	6.7	pH				
HAA 2B	2/10/2015	PH	NA	6.6	pH				
HAA 7C	9/10/2015	PH	NA	6.6	pH				
HAA 15B	2/12/2015	PH	NA	6.6	pH				
HAA 15B	10/21/2015	PH	NA	6.6	pH				
HAA019C	2/12/2015	PH	NA	6.6	pH				
HAA 14C	2/12/2015	PH	NA	6.5	pH				
HAA 13C	10/12/2015	PH	NA	6.4	pH				
HAA 7C	2/11/2015	PH	NA	6.3	pH				
HAA 12D	10/14/2015	PH	NA	6.3	pH				
HAA 13C	2/10/2015	PH	NA	6.3	pH				
HAA020C	2/11/2015	PH	NA	6.3	pH				
HAA020D	2/11/2015	PH	NA	6.3	pH				
HAA 15C	10/21/2015	PH	NA	6.2	pH				
HAA 15D	10/21/2015	PH	NA	6.2	pH				
HAA 1C	2/10/2015	PH	NA	6	pH				
HAA 1C	9/10/2015	PH	NA	6	pH				
HAA020D	10/12/2015	PH	NA	6	pH				
HAA 2C	9/10/2015	PH	NA	5.9	pH				
HAA 10C	2/5/2015	PH	NA	5.9	pH				
HAA 15C	2/12/2015	PH	NA	5.9	pH				
HAA 11C	10/13/2015	PH	NA	5.8	pH				
HAA 7B	2/11/2015	PH	NA	5.7	pH				
HAA 8B	2/5/2015	PH	NA	5.7	pH				
HAA 11C	2/10/2015	PH	NA	5.7	pH				
HAA021C	2/12/2015	PH	NA	5.7	pH				
HAA 8B	10/13/2015	PH	NA	5.6	pH				
HAA017C	2/12/2015	PH	NA	5.6	pH				
HAA 7B	9/10/2015	PH	NA	5.5	pH				
HAA 9C	9/10/2015	PH	NA	5.5	pH				
HAA 10C	9/10/2015	PH	NA	5.5	pH				
HAA 2C	2/5/2015	PH	NA	5.4	pH				
HAA 9C	2/5/2015	PH	NA	5.4	pH				
HAA 12C	2/10/2015	PH	NA	5.4	pH				
HAA017D	2/12/2015	PH	NA	5.4	pH				
HAA017D	2/25/2015	PH	NA	5.4	pH				
HAA019D	10/14/2015	PH	NA	5.4	pH				
HAA 12D	2/10/2015	PH	NA	5.3	pH				
HAA 15D	2/12/2015	PH	NA	5.3	pH				
HAA017C	11/4/2015	PH	NA	5.3	pH				
HAA018C	2/12/2015	PH	NA	5.3	pH				
HAA 12C	9/10/2015	PH	NA	5.2	pH				
HAA019D	2/12/2015	PH	NA	5.2	pH				
HAA 9D	2/5/2015	PH	NA	5.1	pH				
HAA 9D	9/10/2015	PH	NA	5.1	pH				
HAA 10D	2/11/2015	PH	NA	5	pH				
HAA 10D	10/13/2015	PH	NA	5	pH				
HAA 13D	10/12/2015	PH	NA	5	pH				

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Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA021C	10/14/2015	PH	NA	5	pH				
HAA 2D	9/10/2015	PH	NA	4.9	pH				
HAA 7D	2/11/2015	PH	NA	4.9	pH				
HAA 8D	9/10/2015	PH	NA	4.9	pH				
HAA018C	11/4/2015	PH	NA	4.9	pH				
HAA 8C	2/5/2015	PH	NA	4.8	pH				
HAA 13D	2/10/2015	PH	NA	4.8	pH				
HAA 14D	10/12/2015	PH	NA	4.8	pH				
HAA017D	11/4/2015	PH	NA	4.8	pH				
HAA018D	2/12/2015	PH	NA	4.8	pH				
HAA 8C	9/10/2015	PH	NA	4.7	pH				
HAA 8D	2/5/2015	PH	NA	4.7	pH				
HAA 14D	2/12/2015	PH	NA	4.7	pH				
HAA021D	2/11/2015	PH	NA	4.7	pH				
HAA 1D	2/10/2015	PH	NA	4.6	pH				
HAA 1D	9/10/2015	PH	NA	4.6	pH				
HAA 11D	2/10/2015	PH	NA	4.6	pH				
HAA 2D	2/5/2015	PH	NA	4.5	pH				
HAA 4D	2/11/2015	PH	NA	4.5	pH				
HAA018D	11/3/2015	PH	NA	4.5	pH				
HAA021D	10/14/2015	PH	NA	4.5	pH				
HAA 4D	10/13/2015	PH	NA	4.2	pH				
HAA 7D	9/10/2015	PH	NA	4.2	pH				
HAA 11D	9/10/2015	PH	NA	4.2	pH				
HAA 4D	2/11/2015	PLUTONIUM-238	15	0.0992	pCi/L	J	J	0.058	0.1832
HAA 4D	2/11/2015	PLUTONIUM-238	15	0.0466	pCi/L	U	U	0.056	0.1488
HAA 4D	10/13/2015	PLUTONIUM-238	15	0.015	pCi/L	U	U	0.16	0.327
HAA 4D	10/13/2015	PLUTONIUM-238	15	-0.0073	pCi/L	U	U	0.146	0.272
HAA 4D	10/13/2015	PLUTONIUM-239/240	15	0.0401	pCi/L	U	U	0.236	0.488
HAA 4D	2/11/2015	PLUTONIUM-239/240	15	0.0148	pCi/L	U	U	0.09	0.1803
HAA 4D	10/13/2015	PLUTONIUM-239/240	15	-0.00346	pCi/L	U	U	0.273	0.521
HAA 4D	2/11/2015	PLUTONIUM-239/240	15	-0.01272	pCi/L	U	U	0.075	0.1045
HAA 4D	10/13/2015	PLUTONIUM-242	15	0.0462	pCi/L	U	U	0.168	0.38
HAA 4D	2/11/2015	PLUTONIUM-242	15	-0.006779	pCi/L	U	U	0.082	0.1349
HAA 4D	10/13/2015	PLUTONIUM-242	15	-0.0392	pCi/L	U	U	0.28	0.502
HAA 4D	2/11/2015	PLUTONIUM-242	15	-0.0503	pCi/L	U	U	0.116	0.185
HAA 10D	10/13/2015	SODIUM	NA	13600	ug/L			20	200
HAA 10D	2/11/2015	SODIUM	NA	12300	ug/L			20	200
HAA 2B	2/10/2015	SODIUM	NA	7350	ug/L			20	200
HAA 2B	9/10/2015	SODIUM	NA	7030	ug/L			20	200
HAA 8C	2/5/2015	SODIUM	NA	6750	ug/L			20	200
HAA 8C	9/10/2015	SODIUM	NA	6500	ug/L			20	200
HAA 8D	2/5/2015	SODIUM	NA	6250	ug/L			20	200
HAA 8D	9/10/2015	SODIUM	NA	5580	ug/L			20	200
HAA 15D	10/21/2015	SODIUM	NA	5040	ug/L			20	200
HAA 15D	2/12/2015	SODIUM	NA	4980	ug/L			20	200
HAA019D	10/14/2015	SODIUM	NA	4950	ug/L			20	200
HAA 9D	2/5/2015	SODIUM	NA	4810	ug/L			20	200
HAA017D	2/12/2015	SODIUM	NA	4750	ug/L			20	200
HAA 9D	9/10/2015	SODIUM	NA	4640	ug/L			20	200
HAA019D	2/12/2015	SODIUM	NA	4490	ug/L			20	200
HAA020D	10/12/2015	SODIUM	NA	4440	ug/L			20	200
HAA020D	10/12/2015	SODIUM	NA	4400	ug/L			20	200
HAA 4B	12/2/2015	SODIUM	NA	4360	ug/L			20	200
HAA 12D	10/14/2015	SODIUM	NA	4150	ug/L			20	200
HAA017D	11/4/2015	SODIUM	NA	4120	ug/L			20	200
HAA020D	2/11/2015	SODIUM	NA	3960	ug/L			20	200
HAA021D	10/14/2015	SODIUM	NA	3920	ug/L			20	200
HAA021D	10/14/2015	SODIUM	NA	3850	ug/L			20	200
HAA 2D	2/5/2015	SODIUM	NA	3820	ug/L			20	200
HAA 12B	9/10/2015	SODIUM	NA	3720	ug/L			20	200
HAA 12B	9/10/2015	SODIUM	NA	3700	ug/L			20	200
HAA 12D	2/10/2015	SODIUM	NA	3640	ug/L			20	200

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA021D	2/11/2015	SODIUM	NA	3560	ug/L			20	200
HAA 7D	2/11/2015	SODIUM	NA	3550	ug/L			20	200
HAA 9B	2/5/2015	SODIUM	NA	3510	ug/L			20	200
HAA 13B	2/23/2015	SODIUM	NA	3490	ug/L			20	200
HAA 9B	2/5/2015	SODIUM	NA	3410	ug/L			20	200
HAA 10B	2/5/2015	SODIUM	NA	3400	ug/L			20	200
HAA 9C	2/5/2015	SODIUM	NA	3390	ug/L			20	200
HAA 12B	2/10/2015	SODIUM	NA	3390	ug/L			20	200
HAA 4B	2/11/2015	SODIUM	NA	3340	ug/L			20	200
HAA 10B	2/5/2015	SODIUM	NA	3280	ug/L			20	200
HAA 12C	9/10/2015	SODIUM	NA	3280	ug/L			20	200
HAA 1D	9/10/2015	SODIUM	NA	3250	ug/L			20	200
HAA 10C	2/5/2015	SODIUM	NA	3250	ug/L			20	200
HAA 1D	2/10/2015	SODIUM	NA	3220	ug/L			20	200
HAA 10B	9/10/2015	SODIUM	NA	3220	ug/L			20	200
HAA 11B	10/13/2015	SODIUM	NA	3220	ug/L			20	200
HAA 10B	9/10/2015	SODIUM	NA	3200	ug/L			20	200
HAA 13D	10/12/2015	SODIUM	NA	3150	ug/L			20	200
HAA 14B	10/12/2015	SODIUM	NA	3140	ug/L			20	200
HAA020C	10/12/2015	SODIUM	NA	3120	ug/L			20	200
HAA 13B	11/24/2015	SODIUM	NA	3070	ug/L			20	200
HAA 2D	9/10/2015	SODIUM	NA	3040	ug/L			20	200
HAA 13B	11/24/2015	SODIUM	NA	3030	ug/L			20	200
HAA 9B	9/10/2015	SODIUM	NA	3000	ug/L			20	200
HAA 15C	10/21/2015	SODIUM	NA	3000	ug/L			20	200
HAA 10C	9/10/2015	SODIUM	NA	2980	ug/L			20	200
HAA 12C	2/10/2015	SODIUM	NA	2980	ug/L			20	200
HAA 14B	2/12/2015	SODIUM	NA	2970	ug/L			20	200
HAA020C	2/11/2015	SODIUM	NA	2970	ug/L			20	200
HAA 15C	2/12/2015	SODIUM	NA	2950	ug/L			20	200
HAA 15C	2/12/2015	SODIUM	NA	2880	ug/L			20	200
HAA 9C	9/10/2015	SODIUM	NA	2850	ug/L			20	200
HAA 13D	2/10/2015	SODIUM	NA	2820	ug/L			20	200
HAA 11B	2/10/2015	SODIUM	NA	2770	ug/L			20	200
HAA018D	11/3/2015	SODIUM	NA	2770	ug/L			20	200
HAA021C	10/14/2015	SODIUM	NA	2770	ug/L			20	200
HAA018D	11/3/2015	SODIUM	NA	2730	ug/L			20	200
HAA 4D	10/13/2015	SODIUM	NA	2690	ug/L			20	200
HAA 13D	2/10/2015	SODIUM	NA	2680	ug/L			20	200
HAA 7D	9/10/2015	SODIUM	NA	2650	ug/L			20	200
HAA 4D	2/11/2015	SODIUM	NA	2620	ug/L			20	200
HAA 7B	9/10/2015	SODIUM	NA	2540	ug/L			20	200
HAA 7C	9/10/2015	SODIUM	NA	2530	ug/L			20	200
HAA021C	2/12/2015	SODIUM	NA	2450	ug/L			20	200
HAA 7B	2/11/2015	SODIUM	NA	2440	ug/L			20	200
HAA018D	2/12/2015	SODIUM	NA	2440	ug/L			20	200
HAA 7C	2/11/2015	SODIUM	NA	2400	ug/L			20	200
HAA017C	2/12/2015	SODIUM	NA	2370	ug/L			20	200
HAA 8B	10/13/2015	SODIUM	NA	2300	ug/L			24	50
HAA 14D	10/12/2015	SODIUM	NA	2240	ug/L			20	200
HAA 1C	9/10/2015	SODIUM	NA	2210	ug/L			20	200
HAA 15B	2/12/2015	SODIUM	NA	2190	ug/L			20	200
HAA 15B	10/21/2015	SODIUM	NA	2170	ug/L			20	200
HAA 14C	10/12/2015	SODIUM	NA	2140	ug/L			20	200
HAA 14C	2/12/2015	SODIUM	NA	2130	ug/L			80	250
HAA 11C	10/13/2015	SODIUM	NA	2120	ug/L			20	200
HAA019C	10/14/2015	SODIUM	NA	2100	ug/L			20	200
HAA 13C	10/12/2015	SODIUM	NA	2070	ug/L			20	200
HAA 1A	9/10/2015	SODIUM	NA	2060	ug/L			20	200
HAA019C	2/12/2015	SODIUM	NA	2040	ug/L			20	200
HAA 2C	2/5/2015	SODIUM	NA	2020	ug/L			20	200
HAA 1C	2/10/2015	SODIUM	NA	2000	ug/L			20	200
HAA 8B	2/5/2015	SODIUM	NA	2000	ug/L			80	250

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 14C	10/12/2015	SODIUM	NA	2000	ug/L			24	50
HAA 14C	2/12/2015	SODIUM	NA	1980	ug/L			400	1250
HAA 8B	2/5/2015	SODIUM	NA	1960	ug/L			400	1250
HAA 8B	2/5/2015	SODIUM	NA	1930	ug/L			20	200
HAA 1A	2/10/2015	SODIUM	NA	1920	ug/L			20	200
HAA 8B	10/13/2015	SODIUM	NA	1910	ug/L			20	200
HAA017C	11/4/2015	SODIUM	NA	1910	ug/L			20	200
HAA 14D	2/12/2015	SODIUM	NA	1880	ug/L			20	200
HAA 11C	2/10/2015	SODIUM	NA	1840	ug/L			20	200
HAA 14C	2/12/2015	SODIUM	NA	1810	ug/L			20	200
HAA 13C	2/10/2015	SODIUM	NA	1740	ug/L			20	200
HAA 2C	9/10/2015	SODIUM	NA	1730	ug/L			20	200
HAA 4C	10/13/2015	SODIUM	NA	1730	ug/L			20	200
HAA018C	11/4/2015	SODIUM	NA	1650	ug/L			20	200
HAA018C	11/4/2015	SODIUM	NA	1640	ug/L			20	200
HAA018C	2/12/2015	SODIUM	NA	1580	ug/L			20	200
HAA018C	2/12/2015	SODIUM	NA	1560	ug/L			20	200
HAA 4C	2/11/2015	SODIUM	NA	1420	ug/L			20	200
HAA 11D	2/10/2015	SODIUM	NA	1360	ug/L			20	200
HAA 11D	9/10/2015	SODIUM	NA	1360	ug/L			20	200
HAA 11B	10/13/2015	SPECIFIC CONDUCTANCE	NA	241	uS/cm				
HAA 9B	2/5/2015	SPECIFIC CONDUCTANCE	NA	232	uS/cm				
HAA 9B	9/10/2015	SPECIFIC CONDUCTANCE	NA	231	uS/cm				
HAA 4B	12/2/2015	SPECIFIC CONDUCTANCE	NA	221	uS/cm				
HAA 14B	2/12/2015	SPECIFIC CONDUCTANCE	NA	215	uS/cm				
HAA 14B	10/12/2015	SPECIFIC CONDUCTANCE	NA	213	uS/cm				
HAA 13B	2/23/2015	SPECIFIC CONDUCTANCE	NA	212	uS/cm				
HAA 10B	2/5/2015	SPECIFIC CONDUCTANCE	NA	193	uS/cm				
HAA 10B	9/10/2015	SPECIFIC CONDUCTANCE	NA	180	uS/cm				
HAA 13B	11/24/2015	SPECIFIC CONDUCTANCE	NA	180	uS/cm				
HAA 4B	2/11/2015	SPECIFIC CONDUCTANCE	NA	168	uS/cm				
HAA 11B	2/10/2015	SPECIFIC CONDUCTANCE	NA	160	uS/cm				
HAA 1A	9/10/2015	SPECIFIC CONDUCTANCE	NA	155	uS/cm				
HAA 1A	2/10/2015	SPECIFIC CONDUCTANCE	NA	151	uS/cm				
HAA 12B	9/10/2015	SPECIFIC CONDUCTANCE	NA	127	uS/cm				
HAA 4C	2/11/2015	SPECIFIC CONDUCTANCE	NA	119	uS/cm				
HAA 4C	10/13/2015	SPECIFIC CONDUCTANCE	NA	117	uS/cm				
HAA 14C	10/12/2015	SPECIFIC CONDUCTANCE	NA	110	uS/cm				
HAA 14C	2/12/2015	SPECIFIC CONDUCTANCE	NA	109	uS/cm				
HAA 12B	2/10/2015	SPECIFIC CONDUCTANCE	NA	106	uS/cm				
HAA019C	10/14/2015	SPECIFIC CONDUCTANCE	NA	106	uS/cm				
HAA 4D	2/11/2015	SPECIFIC CONDUCTANCE	NA	104	uS/cm				
HAA 4D	10/13/2015	SPECIFIC CONDUCTANCE	NA	104	uS/cm				
HAA019C	2/12/2015	SPECIFIC CONDUCTANCE	NA	104	uS/cm				
HAA 10D	2/11/2015	SPECIFIC CONDUCTANCE	NA	102	uS/cm				
HAA 2B	9/10/2015	SPECIFIC CONDUCTANCE	NA	101	uS/cm				
HAA 2B	2/10/2015	SPECIFIC CONDUCTANCE	NA	100	uS/cm				
HAA 10D	10/13/2015	SPECIFIC CONDUCTANCE	NA	93	uS/cm				
HAA 13C	10/12/2015	SPECIFIC CONDUCTANCE	NA	89	uS/cm				
HAA 7C	2/11/2015	SPECIFIC CONDUCTANCE	NA	88	uS/cm				
HAA 1C	9/10/2015	SPECIFIC CONDUCTANCE	NA	87	uS/cm				
HAA 13C	2/10/2015	SPECIFIC CONDUCTANCE	NA	83	uS/cm				
HAA020C	10/12/2015	SPECIFIC CONDUCTANCE	NA	83	uS/cm				
HAA 1C	2/10/2015	SPECIFIC CONDUCTANCE	NA	77	uS/cm				
HAA 7C	9/10/2015	SPECIFIC CONDUCTANCE	NA	73	uS/cm				
HAA 15B	10/21/2015	SPECIFIC CONDUCTANCE	NA	71	uS/cm				
HAA020C	2/11/2015	SPECIFIC CONDUCTANCE	NA	70	uS/cm				
HAA 15B	2/12/2015	SPECIFIC CONDUCTANCE	NA	62	uS/cm				
HAA 8C	9/10/2015	SPECIFIC CONDUCTANCE	NA	55	uS/cm				
HAA 8C	2/5/2015	SPECIFIC CONDUCTANCE	NA	54	uS/cm				
HAA 12C	2/10/2015	SPECIFIC CONDUCTANCE	NA	53	uS/cm				
HAA 12C	9/10/2015	SPECIFIC CONDUCTANCE	NA	52	uS/cm				
HAA 7D	2/11/2015	SPECIFIC CONDUCTANCE	NA	51	uS/cm				

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 7D	9/10/2015	SPECIFIC CONDUCTANCE	NA	51	uS/cm				
HAA 8D	2/5/2015	SPECIFIC CONDUCTANCE	NA	50	uS/cm				
HAA 8D	9/10/2015	SPECIFIC CONDUCTANCE	NA	50	uS/cm				
HAA 9C	2/5/2015	SPECIFIC CONDUCTANCE	NA	50	uS/cm				
HAA 9C	9/10/2015	SPECIFIC CONDUCTANCE	NA	49	uS/cm				
HAA019D	10/14/2015	SPECIFIC CONDUCTANCE	NA	49	uS/cm				
HAA 11C	2/10/2015	SPECIFIC CONDUCTANCE	NA	48	uS/cm				
HAA019D	2/12/2015	SPECIFIC CONDUCTANCE	NA	48	uS/cm				
HAA 10C	2/5/2015	SPECIFIC CONDUCTANCE	NA	47	uS/cm				
HAA 11C	10/13/2015	SPECIFIC CONDUCTANCE	NA	47	uS/cm				
HAA 11D	2/10/2015	SPECIFIC CONDUCTANCE	NA	47	uS/cm				
HAA 11D	9/10/2015	SPECIFIC CONDUCTANCE	NA	47	uS/cm				
HAA 15D	10/21/2015	SPECIFIC CONDUCTANCE	NA	45	uS/cm				
HAA020D	2/11/2015	SPECIFIC CONDUCTANCE	NA	45	uS/cm				
HAA020D	10/12/2015	SPECIFIC CONDUCTANCE	NA	45	uS/cm				
HAA 7B	2/11/2015	SPECIFIC CONDUCTANCE	NA	44	uS/cm				
HAA 15D	2/12/2015	SPECIFIC CONDUCTANCE	NA	44	uS/cm				
HAA 1D	2/10/2015	SPECIFIC CONDUCTANCE	NA	42	uS/cm				
HAA 7B	9/10/2015	SPECIFIC CONDUCTANCE	NA	42	uS/cm				
HAA 10C	9/10/2015	SPECIFIC CONDUCTANCE	NA	42	uS/cm				
HAA 12D	10/14/2015	SPECIFIC CONDUCTANCE	NA	41	uS/cm				
HAA 9D	2/5/2015	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
HAA017C	2/12/2015	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
HAA018D	2/12/2015	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
HAA018D	11/3/2015	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
HAA 1D	9/10/2015	SPECIFIC CONDUCTANCE	NA	39	uS/cm				
HAA 12D	2/10/2015	SPECIFIC CONDUCTANCE	NA	39	uS/cm				
HAA 15C	2/12/2015	SPECIFIC CONDUCTANCE	NA	39	uS/cm				
HAA017D	2/25/2015	SPECIFIC CONDUCTANCE	NA	39	uS/cm				
HAA021D	10/14/2015	SPECIFIC CONDUCTANCE	NA	39	uS/cm				
HAA 9D	9/10/2015	SPECIFIC CONDUCTANCE	NA	38	uS/cm				
HAA021D	2/11/2015	SPECIFIC CONDUCTANCE	NA	38	uS/cm				
HAA 8B	2/5/2015	SPECIFIC CONDUCTANCE	NA	37	uS/cm				
HAA 8B	10/13/2015	SPECIFIC CONDUCTANCE	NA	37	uS/cm				
HAA 13D	2/10/2015	SPECIFIC CONDUCTANCE	NA	37	uS/cm				
HAA 15C	10/21/2015	SPECIFIC CONDUCTANCE	NA	37	uS/cm				
HAA 13D	10/12/2015	SPECIFIC CONDUCTANCE	NA	36	uS/cm				
HAA 14D	10/12/2015	SPECIFIC CONDUCTANCE	NA	36	uS/cm				
HAA 14D	2/12/2015	SPECIFIC CONDUCTANCE	NA	35	uS/cm				
HAA017D	2/12/2015	SPECIFIC CONDUCTANCE	NA	35	uS/cm				
HAA 2D	2/5/2015	SPECIFIC CONDUCTANCE	NA	34	uS/cm				
HAA 2D	9/10/2015	SPECIFIC CONDUCTANCE	NA	34	uS/cm				
HAA017C	11/4/2015	SPECIFIC CONDUCTANCE	NA	33	uS/cm				
HAA017D	11/4/2015	SPECIFIC CONDUCTANCE	NA	31	uS/cm				
HAA018C	2/12/2015	SPECIFIC CONDUCTANCE	NA	26	uS/cm				
HAA021C	2/12/2015	SPECIFIC CONDUCTANCE	NA	26	uS/cm				
HAA021C	10/14/2015	SPECIFIC CONDUCTANCE	NA	26	uS/cm				
HAA018C	11/4/2015	SPECIFIC CONDUCTANCE	NA	25	uS/cm				
HAA 2C	2/5/2015	SPECIFIC CONDUCTANCE	NA	21	uS/cm				
HAA 2C	9/10/2015	SPECIFIC CONDUCTANCE	NA	20	uS/cm				
HAA 10D	10/13/2015	TECHNETIUM-99	900	16.4	pCi/L	J	J	8.78	20
HAA 4B	12/2/2015	TECHNETIUM-99	900	15.9	pCi/L	J	J	7.88	17.8
HAA 10D	2/11/2015	TECHNETIUM-99	900	13.9	pCi/L			2.22	5.68
HAA 4B	2/11/2015	TECHNETIUM-99	900	10.6	pCi/L			2.12	5.28
HAA 12C	2/10/2015	TECHNETIUM-99	900	10.4	pCi/L			2.12	5.26
HAA 15C	2/12/2015	TECHNETIUM-99	900	10.4	pCi/L			2.04	5.1
HAA 12C	9/10/2015	TECHNETIUM-99	900	9.81	pCi/L	J	J	7.98	17.8
HAA 15C	10/21/2015	TECHNETIUM-99	900	6.54	pCi/L	U	U	7.99	17.6
HAA019D	10/14/2015	TECHNETIUM-99	900	6.09	pCi/L	U	U	8.79	19.3
HAA021C	10/14/2015	TECHNETIUM-99	900	5.49	pCi/L	U	U	8.06	17.7
HAA 12D	10/14/2015	TECHNETIUM-99	900	5.17	pCi/L	U	U	8.67	19
HAA018D	11/3/2015	TECHNETIUM-99	900	4.51	pCi/L	U	U	7.52	16.5
HAA 13C	10/12/2015	TECHNETIUM-99	900	4.23	pCi/L	U	U	7.73	17

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA018C	11/4/2015	TECHNETIUM-99	900	4.14	pCi/L	U	U	8.45	18.5
HAA 10B	9/10/2015	TECHNETIUM-99	900	3.99	pCi/L	U	U	8.06	17.6
HAA021D	10/14/2015	TECHNETIUM-99	900	3.69	pCi/L	U	U	7.86	17.2
HAA 4D	10/13/2015	TECHNETIUM-99	900	3.64	pCi/L	U	U	7.43	16.3
HAA017C	11/4/2015	TECHNETIUM-99	900	3.63	pCi/L	U	U	7.52	16.5
HAA 12D	2/10/2015	TECHNETIUM-99	900	3.42	pCi/L	J	J	2.37	5.39
HAA 11C	10/13/2015	TECHNETIUM-99	900	3.22	pCi/L	U	U	8.36	18.3
HAA018C	11/4/2015	TECHNETIUM-99	900	2.52	pCi/L	U	U	7.98	17.4
HAA 15B	10/21/2015	TECHNETIUM-99	900	2.47	pCi/L	U	U	7.54	16.4
HAA 14B	10/12/2015	TECHNETIUM-99	900	2.34	pCi/L	U	U	7.38	16.1
HAA 13B	11/24/2015	TECHNETIUM-99	900	2.19	pCi/L	U	U	7.65	16.7
HAA 12B	9/10/2015	TECHNETIUM-99	900	1.9	pCi/L	U	U	7.96	17.3
HAA 12B	2/10/2015	TECHNETIUM-99	900	1.88	pCi/L	U	U	2.21	4.95
HAA018D	11/3/2015	TECHNETIUM-99	900	1.88	pCi/L	U	U	7.26	15.8
HAA 11B	10/13/2015	TECHNETIUM-99	900	1.82	pCi/L	U	U	8.63	18.8
HAA 1A	9/10/2015	TECHNETIUM-99	900	1.72	pCi/L	U	U	8.11	17.6
HAA 14D	10/12/2015	TECHNETIUM-99	900	1.71	pCi/L	U	U	7.27	15.8
HAA 14C	10/12/2015	TECHNETIUM-99	900	1.7	pCi/L	U	U	7.67	16.7
HAA 15D	10/21/2015	TECHNETIUM-99	900	1.55	pCi/L	U	U	7.47	16.2
HAA 4C	10/13/2015	TECHNETIUM-99	900	1.45	pCi/L	U	U	7.14	15.5
HAA 10B	2/5/2015	TECHNETIUM-99	900	1.39	pCi/L	U	U	1.96	4.36
HAA020D	10/12/2015	TECHNETIUM-99	900	1.38	pCi/L	U	U	8.24	17.9
HAA019C	10/14/2015	TECHNETIUM-99	900	1.29	pCi/L	U	U	8.3	18
HAA 8B	2/5/2015	TECHNETIUM-99	900	1.19	pCi/L	U	U	6.97	15.1
HAA 8B	10/13/2015	TECHNETIUM-99	900	1.019	pCi/L	U	U	2.01	4.45
HAA020C	2/11/2015	TECHNETIUM-99	900	0.842	pCi/L	U	U	2.2	4.86
HAA 8C	9/10/2015	TECHNETIUM-99	900	0.793	pCi/L	U	U	7.76	16.8
HAA 4C	10/13/2015	TECHNETIUM-99	900	0.773	pCi/L	U	U	7.54	16.4
HAA 13B	11/24/2015	TECHNETIUM-99	900	0.742	pCi/L	U	U	7.88	17.1
HAA 2D	2/5/2015	TECHNETIUM-99	900	0.717	pCi/L	U	U	2.03	4.47
HAA 10B	2/5/2015	TECHNETIUM-99	900	0.714	pCi/L	U	U	2.03	4.47
HAA 14C	2/12/2015	TECHNETIUM-99	900	0.701	pCi/L	U	U	8.1	17.6
HAA 14C	2/12/2015	TECHNETIUM-99	900	0.554	pCi/L	U	U	8.79	19.1
HAA020C	10/12/2015	TECHNETIUM-99	900	0.476	pCi/L	U	U	7.45	16.1
HAA 14C	10/12/2015	TECHNETIUM-99	900	0.465	pCi/L	U	U	2.04	4.46
HAA 15D	2/12/2015	TECHNETIUM-99	900	0.3399	pCi/L	U	U	2.04	4.48
HAA 8B	2/5/2015	TECHNETIUM-99	900	0.321	pCi/L	U	U	2.05	4.49
HAA 8B	10/13/2015	TECHNETIUM-99	900	0.293	pCi/L	U	U	8.54	18.5
HAA 14B	2/12/2015	TECHNETIUM-99	900	0.272	pCi/L	U	U	2.35	5.15
HAA018C	2/12/2015	TECHNETIUM-99	900	0.263	pCi/L	U	U	4.19	9.17
HAA019D	2/12/2015	TECHNETIUM-99	900	0.185	pCi/L	U	U	2.18	4.76
HAA 14D	2/12/2015	TECHNETIUM-99	900	0.18	pCi/L	U	U	2.12	4.64
HAA 1D	9/10/2015	TECHNETIUM-99	900	0.11	pCi/L	U	U	7.64	16.5
HAA 11B	2/10/2015	TECHNETIUM-99	900	0.109	pCi/L	U	U	2.56	5.58
HAA 15D	2/12/2015	TECHNETIUM-99	900	0.107	pCi/L	U	U	2.03	4.43
HAA017D	11/4/2015	TECHNETIUM-99	900	0.0814	pCi/L	U	U	8.09	17.5
HAA 7C	2/11/2015	TECHNETIUM-99	900	0.0734	pCi/L	U	U	2.08	4.54
HAA 10C	2/5/2015	TECHNETIUM-99	900	0.0186	pCi/L	U	U	2.18	4.76
HAA021C	2/12/2015	TECHNETIUM-99	900	-0.0381	pCi/L	U	U	2.19	4.77
HAA 13C	2/10/2015	TECHNETIUM-99	900	-0.0445	pCi/L	U	U	2.09	4.55
HAA 13D	2/10/2015	TECHNETIUM-99	900	-0.0573	pCi/L	U	U	2.24	4.88
HAA 13D	10/12/2015	TECHNETIUM-99	900	-0.126	pCi/L	U	U	8.03	17.4
HAA 2C	2/5/2015	TECHNETIUM-99	900	-0.15	pCi/L	U	U	2.06	4.48
HAA 13B	2/23/2015	TECHNETIUM-99	900	-0.1529	pCi/L	U	U	2.14	4.64
HAA 7D	9/10/2015	TECHNETIUM-99	900	-0.163	pCi/L	U	U	7.55	16.3
HAA 10B	9/10/2015	TECHNETIUM-99	900	-0.197	pCi/L	U	U	7.89	17.1
HAA 9D	2/5/2015	TECHNETIUM-99	900	-0.202	pCi/L	U	U	2.42	5.26
HAA 8B	10/13/2015	TECHNETIUM-99	900	-0.314	pCi/L	U	U	2.09	4.51
HAA 8D	2/5/2015	TECHNETIUM-99	900	-0.351	pCi/L	U	U	2.02	4.38
HAA017C	2/12/2015	TECHNETIUM-99	900	-0.369	pCi/L	U	U	1.98	4.28
HAA 4D	2/11/2015	TECHNETIUM-99	900	-0.415	pCi/L	U	U	2.8	6.08
HAA 13B	2/23/2015	TECHNETIUM-99	900	-0.432	pCi/L	U	U	2.11	4.57

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 2B	2/10/2015	TECHNETIUM-99	900	-0.446	pCi/L	U	U	2.33	5.05
HAA 4C	2/11/2015	TECHNETIUM-99	900	-0.447	pCi/L	U	U	2.18	4.72
HAA 7C	9/10/2015	TECHNETIUM-99	900	-0.512	pCi/L	U	U	7.78	16.8
HAA 9B	9/10/2015	TECHNETIUM-99	900	-0.569	pCi/L	U	U	7.8	16.8
HAA 15B	2/12/2015	TECHNETIUM-99	900	-0.57	pCi/L	U	U	2.13	4.59
HAA 8B	2/5/2015	TECHNETIUM-99	900	-0.6123	pCi/L	U	U	2.01	4.35
HAA 9B	2/5/2015	TECHNETIUM-99	900	-0.625	pCi/L	U	U	2.37	5.13
HAA 7D	2/11/2015	TECHNETIUM-99	900	-0.666	pCi/L	U	U	2.06	4.44
HAA 8C	2/5/2015	TECHNETIUM-99	900	-0.761	pCi/L	U	U	2.1	4.52
HAA 14C	2/12/2015	TECHNETIUM-99	900	-0.768	pCi/L	U	U	2.48	5.36
HAA021D	2/11/2015	TECHNETIUM-99	900	-0.79	pCi/L	U	U	2.24	4.82
HAA 1D	2/10/2015	TECHNETIUM-99	900	-0.864	pCi/L	U	U	2.14	4.58
HAA018D	2/12/2015	TECHNETIUM-99	900	-0.897	pCi/L	U	U	2.11	4.53
HAA018C	2/12/2015	TECHNETIUM-99	900	-0.918	pCi/L	U	U	2.01	4.31
HAA 7B	2/11/2015	TECHNETIUM-99	900	-0.928	pCi/L	U	U	2.09	4.49
HAA 11C	2/10/2015	TECHNETIUM-99	900	-0.939	pCi/L	U	U	2.24	4.82
HAA 11D	2/10/2015	TECHNETIUM-99	900	-0.9445	pCi/L	U	U	2.12	4.56
HAA 8D	9/10/2015	TECHNETIUM-99	900	-0.977	pCi/L	U	U	8.01	17.3
HAA 1A	2/10/2015	TECHNETIUM-99	900	-0.989	pCi/L	U	U	2.22	4.76
HAA020D	2/11/2015	TECHNETIUM-99	900	-0.995	pCi/L	U	U	2.3	4.94
HAA 9C	2/5/2015	TECHNETIUM-99	900	-1.05	pCi/L	U	U	2.02	4.32
HAA019C	10/14/2015	TECHNETIUM-99	900	-1.07	pCi/L	U	U	8.75	18.9
HAA 9D	9/10/2015	TECHNETIUM-99	900	-1.08	pCi/L	U	U	7.46	16.1
HAA 2C	2/5/2015	TECHNETIUM-99	900	-1.083	pCi/L	U	U	2.13	4.57
HAA019C	2/12/2015	TECHNETIUM-99	900	-1.11	pCi/L	U	U	2.12	4.54
HAA 11D	2/10/2015	TECHNETIUM-99	900	-1.17	pCi/L	U	U	2.16	4.64
HAA 1A	9/10/2015	TECHNETIUM-99	900	-1.2	pCi/L	U	U	8.36	18
HAA 1C	2/10/2015	TECHNETIUM-99	900	-1.22	pCi/L	U	U	2.8	6.02
HAA 11D	9/10/2015	TECHNETIUM-99	900	-1.37	pCi/L	U	U	8.51	18.3
HAA 2B	9/10/2015	TECHNETIUM-99	900	-2.09	pCi/L	U	U	7.54	16.2
HAA 1C	9/10/2015	TECHNETIUM-99	900	-2.15	pCi/L	U	U	7.71	16.6
HAA 2C	9/10/2015	TECHNETIUM-99	900	-2.3	pCi/L	U	U	7.72	16.6
HAA 10C	9/10/2015	TECHNETIUM-99	900	-2.99	pCi/L	U	U	8.14	17.4
HAA 2D	9/10/2015	TECHNETIUM-99	900	-3.73	pCi/L	U	U	7.62	16.3
HAA 7B	9/10/2015	TECHNETIUM-99	900	-3.9	pCi/L	U	U	7.92	16.9
HAA 9C	9/10/2015	TECHNETIUM-99	900	-4.03	pCi/L	U	U	8.05	17.2
HAA 4D	10/13/2015	THORIUM-228	15	0.359	pCi/L	U	U	0.418	1.14
HAA 4D	2/11/2015	THORIUM-228	15	0.1613	pCi/L	J	J	0.108	0.326
HAA 4D	2/11/2015	THORIUM-228	15	0.0453	pCi/L	U	U	0.16	0.3334
HAA 4D	10/13/2015	THORIUM-228	15	0.0438	pCi/L	U	U	0.649	1.28
HAA 4D	10/13/2015	THORIUM-230	15	0.445	pCi/L	U	U	0.629	1.54
HAA 4D	10/13/2015	THORIUM-230	15	0.406	pCi/L	U	U	0.643	1.52
HAA 4D	2/11/2015	THORIUM-230	15	0.1787	pCi/L	J	J	0.049	0.2647
HAA 4D	2/11/2015	THORIUM-230	15	0.0867	pCi/L	U	U	0.103	0.2678
HAA 4D	10/13/2015	THORIUM-232	15	0.411	pCi/L	J	J	0.371	1.13
HAA 4D	10/13/2015	THORIUM-232	15	0.258	pCi/L	U	U	0.275	0.861
HAA 4D	2/11/2015	THORIUM-232	15	0.02	pCi/L	U	U	0.118	0.228
HAA 4D	2/11/2015	THORIUM-232	15	0.01212	pCi/L	U	U	0.078	0.1448
HAA 4B	12/2/2015	TOTAL ALKALINITY (AS CaCO3)	NA	172	mg/L				
HAA 9B	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	122	mg/L				
HAA 14B	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	105	mg/L				
HAA 9B	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	103	mg/L				
HAA 13B	2/23/2015	TOTAL ALKALINITY (AS CaCO3)	NA	92	mg/L				
HAA 14B	10/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	92	mg/L				
HAA 10B	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	85	mg/L				
HAA 13B	11/24/2015	TOTAL ALKALINITY (AS CaCO3)	NA	84	mg/L				
HAA 10B	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	78	mg/L				
HAA 11B	10/13/2015	TOTAL ALKALINITY (AS CaCO3)	NA	78	mg/L				
HAA 1A	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	65	mg/L				
HAA 11B	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	65	mg/L				

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 1A	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	63	mg/L				
HAA 12B	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	54	mg/L				
HAA 4C	10/13/2015	TOTAL ALKALINITY (AS CaCO3)	NA	53	mg/L				
HAA 4B	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	49	mg/L				
HAA 4C	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	48	mg/L				
HAA 14C	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	44	mg/L				
HAA019C	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	43	mg/L				
HAA 14C	10/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	41	mg/L				
HAA 2B	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	40	mg/L				
HAA019C	10/14/2015	TOTAL ALKALINITY (AS CaCO3)	NA	39	mg/L				
HAA 1C	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	35	mg/L				
HAA 7C	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	35	mg/L				
HAA 1C	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	32	mg/L				
HAA 2B	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	31	mg/L				
HAA 7C	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	30	mg/L				
HAA020C	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	30	mg/L				
HAA 13C	10/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	29	mg/L				
HAA020C	10/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	25	mg/L				
HAA 12B	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	20	mg/L				
HAA 15B	10/21/2015	TOTAL ALKALINITY (AS CaCO3)	NA	18	mg/L				
HAA017C	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	18	mg/L				
HAA 15B	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	16	mg/L				
HAA 11C	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	15	mg/L				
HAA017D	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	13	mg/L				
HAA 2C	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	12	mg/L				
HAA 7B	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	10	mg/L				
HAA 7B	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	10	mg/L				
HAA 11C	10/13/2015	TOTAL ALKALINITY (AS CaCO3)	NA	10	mg/L				
HAA 15C	10/21/2015	TOTAL ALKALINITY (AS CaCO3)	NA	10	mg/L				
HAA 12D	10/14/2015	TOTAL ALKALINITY (AS CaCO3)	NA	9	mg/L				
HAA017D	2/25/2015	TOTAL ALKALINITY (AS CaCO3)	NA	9	mg/L				
HAA018C	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	9	mg/L				
HAA 2C	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	8	mg/L				
HAA 15D	10/21/2015	TOTAL ALKALINITY (AS CaCO3)	NA	8	mg/L				
HAA 10C	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	7	mg/L				
HAA020D	10/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	7	mg/L				
HAA 9C	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	6	mg/L				
HAA 15C	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	6	mg/L				
HAA 1D	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	5	mg/L				
HAA 8B	10/13/2015	TOTAL ALKALINITY (AS CaCO3)	NA	5	mg/L				
HAA 9C	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	5	mg/L				
HAA020D	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	5	mg/L				
HAA 8B	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	4	mg/L				
HAA 12C	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	4	mg/L				
HAA 8C	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	3	mg/L				
HAA 9D	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	3	mg/L				
HAA 12D	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	3	mg/L				
HAA 10C	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	2	mg/L				
HAA019D	10/14/2015	TOTAL ALKALINITY (AS CaCO3)	NA	2	mg/L				
HAA 1D	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 2D	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 2D	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 4D	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 4D	10/13/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 7D	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 7D	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 8C	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 8D	2/5/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 8D	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 9D	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 10D	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 10D	10/13/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 11D	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 11D	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 12C	9/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 13C	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 13D	2/10/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 13D	10/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 14D	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 14D	10/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 15D	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA017C	11/4/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA017D	11/4/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA018C	11/4/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA018D	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA018D	11/3/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA019D	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA021C	2/12/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA021C	10/14/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA021D	2/11/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA021D	10/14/2015	TOTAL ALKALINITY (AS CaCO3)	NA	0	mg/L				
HAA 12C	2/10/2015	TRITIUM	20	64.7	pCi/mL			0.41	3.48
HAA 12C	9/10/2015	TRITIUM	20	64.7	pCi/mL			0.448	3.6
HAA 12D	10/14/2015	TRITIUM	20	19.5	pCi/mL			0.459	2.23
HAA 12D	2/10/2015	TRITIUM	20	17.8	pCi/mL			0.409	2.07
HAA 13D	2/10/2015	TRITIUM	20	11.3	pCi/mL			0.411	1.76
HAA 13D	10/12/2015	TRITIUM	20	10.4	pCi/mL			0.432	1.77
HAA 11D	2/10/2015	TRITIUM	20	9.87	pCi/mL			0.413	1.69
HAA 11D	9/10/2015	TRITIUM	20	9.4	pCi/mL			0.445	1.73
HAA 4B	12/2/2015	TRITIUM	20	8.2	pCi/mL			0.433	1.62
HAA 8D	9/10/2015	TRITIUM	20	7.59	pCi/mL			0.446	1.63
HAA 8D	2/5/2015	TRITIUM	20	7.47	pCi/mL			0.457	1.62
HAA 9D	2/5/2015	TRITIUM	20	6.75	pCi/mL			0.454	1.57
HAA 14D	10/12/2015	TRITIUM	20	6.44	pCi/mL			0.429	1.52
HAA 14D	2/12/2015	TRITIUM	20	6.18	pCi/mL			0.473	1.55
HAA 9D	9/10/2015	TRITIUM	20	6.07	pCi/mL			0.445	1.52
HAA 15D	2/12/2015	TRITIUM	20	5.9	pCi/mL			0.412	1.44
HAA 4B	2/11/2015	TRITIUM	20	5.86	pCi/mL			0.438	1.47
HAA 10D	10/13/2015	TRITIUM	20	5.82	pCi/mL			0.429	1.47
HAA 10D	2/11/2015	TRITIUM	20	5.37	pCi/mL			0.436	1.43
HAA 15D	10/21/2015	TRITIUM	20	5.35	pCi/mL			0.445	1.47
HAA 4D	10/13/2015	TRITIUM	20	5.16	pCi/mL			0.43	1.43
HAA 4D	2/11/2015	TRITIUM	20	4.98	pCi/mL			0.475	1.47
HAA021D	10/14/2015	TRITIUM	20	3.75	pCi/mL			0.459	1.37
HAA020D	10/12/2015	TRITIUM	20	3.63	pCi/mL			0.432	1.32
HAA021D	2/11/2015	TRITIUM	20	3.5	pCi/mL			0.476	1.36
HAA 10C	2/5/2015	TRITIUM	20	3.46	pCi/mL			0.414	1.26
HAA 7D	9/10/2015	TRITIUM	20	3.38	pCi/mL			0.444	1.32
HAA017D	11/4/2015	TRITIUM	20	3.3	pCi/mL			0.446	1.31
HAA019D	10/14/2015	TRITIUM	20	3.23	pCi/mL			0.458	1.32
HAA 7D	2/11/2015	TRITIUM	20	3.16	pCi/mL			0.44	1.28
HAA017D	2/12/2015	TRITIUM	20	3.07	pCi/mL			0.412	1.22
HAA019D	2/12/2015	TRITIUM	20	3.04	pCi/mL			0.475	1.33
HAA018D	2/12/2015	TRITIUM	20	3.02	pCi/mL			0.411	1.22
HAA 10C	9/10/2015	TRITIUM	20	3.01	pCi/mL			0.444	1.28
HAA018D	11/3/2015	TRITIUM	20	2.94	pCi/mL			0.444	1.27
HAA020D	2/11/2015	TRITIUM	20	2.45	pCi/mL			0.479	1.28
HAA 1D	9/10/2015	TRITIUM	20	2.36	pCi/mL			0.448	1.23
HAA 2D	9/10/2015	TRITIUM	20	2.35	pCi/mL			0.446	1.23
HAA 15C	2/12/2015	TRITIUM	20	2.34	pCi/mL			0.472	1.26

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 1D	2/10/2015	TRITIUM	20	2.27	pCi/mL			0.417	1.16
HAA 13C	10/12/2015	TRITIUM	20	2.16	pCi/mL			0.431	1.18
HAA 2D	2/5/2015	TRITIUM	20	2.15	pCi/mL			0.415	1.14
HAA 13C	2/10/2015	TRITIUM	20	2.13	pCi/mL			0.41	1.13
HAA 15C	10/21/2015	TRITIUM	20	1.84	pCi/mL			0.444	1.17
HAA021C	10/14/2015	TRITIUM	20	1.79	pCi/mL			0.461	1.2
HAA 8C	2/5/2015	TRITIUM	20	1.55	pCi/mL			0.416	1.09
HAA021C	2/12/2015	TRITIUM	20	1.41	pCi/mL			0.475	1.18
HAA 9C	2/5/2015	TRITIUM	20	1.4	pCi/mL			0.456	1.15
HAA 8C	9/10/2015	TRITIUM	20	1.38	pCi/mL			0.446	1.13
HAA 11B	10/13/2015	TRITIUM	20	1.37	pCi/mL			0.431	1.1
HAA 9C	9/10/2015	TRITIUM	20	1.2	pCi/mL			0.447	1.11
HAA 2C	9/10/2015	TRITIUM	20	1.08	pCi/mL	J	J	0.445	1.09
HAA 8C	9/10/2015	TRITIUM	20	1.08	pCi/mL	J	J	0.449	1.1
HAA 11C	2/10/2015	TRITIUM	20	1.07	pCi/mL			0.411	1.02
HAA 2C	2/5/2015	TRITIUM	20	0.975	pCi/mL	J	J	0.417	1.02
HAA 13B	11/24/2015	TRITIUM	20	0.878	pCi/mL	J	J	0.442	1.06
HAA 11C	10/13/2015	TRITIUM	20	0.877	pCi/mL	J	J	0.432	1.04
HAA020C	10/12/2015	TRITIUM	20	0.848	pCi/mL	J	J	0.421	1.02
HAA 11B	2/10/2015	TRITIUM	20	0.843	pCi/mL	J	J	0.413	0.999
HAA020C	2/11/2015	TRITIUM	20	0.653	pCi/mL	J	J	0.437	1.02
HAA 12B	9/10/2015	TRITIUM	20	0.548	pCi/mL	J	J	0.446	1.03
HAA 14C	10/12/2015	TRITIUM	20	0.511	pCi/mL	J	J	0.432	0.998
HAA 1A	2/10/2015	TRITIUM	20	0.486	pCi/mL	J	J	0.41	0.948
HAA 15B	10/21/2015	TRITIUM	20	0.429	pCi/mL	U	U	0.449	1.02
HAA 2B	9/10/2015	TRITIUM	20	0.425	pCi/mL	U	U	0.446	1.02
HAA 4C	10/13/2015	TRITIUM	20	0.42	pCi/mL	U	U	0.429	0.979
HAA 15B	10/21/2015	TRITIUM	20	0.42	pCi/mL	U	U	0.447	1.02
HAA 14C	10/12/2015	TRITIUM	20	0.419	pCi/mL	J	J	0.342	0.796
HAA 15B	2/12/2015	TRITIUM	20	0.386	pCi/mL	U	U	0.475	1.07
HAA 14C	10/12/2015	TRITIUM	20	0.3649	pCi/mL	J	J	0.352	0.808
HAA 10B	9/10/2015	TRITIUM	20	0.336	pCi/mL	U	U	0.442	0.996
HAA 1A	9/10/2015	TRITIUM	20	0.327	pCi/mL	U	U	0.445	1
HAA 10B	2/5/2015	TRITIUM	20	0.312	pCi/mL	U	U	0.418	0.941
HAA 12B	2/10/2015	TRITIUM	20	0.304	pCi/mL	U	U	0.411	0.927
HAA 10B	2/5/2015	TRITIUM	20	0.278	pCi/mL	U	U	0.413	0.926
HAA 10B	9/10/2015	TRITIUM	20	0.262	pCi/mL	U	U	0.445	0.993
HAA 4C	2/11/2015	TRITIUM	20	0.227	pCi/mL	U	U	0.443	0.982
HAA 15B	2/12/2015	TRITIUM	20	0.223	pCi/mL	U	U	0.478	1.06
HAA019C	10/14/2015	TRITIUM	20	0.207	pCi/mL	U	U	0.459	1.01
HAA 8B	10/13/2015	TRITIUM	20	0.171	pCi/mL	U	U	0.431	0.951
HAA 1C	9/10/2015	TRITIUM	20	0.135	pCi/mL	U	U	0.443	0.971
HAA 2B	2/10/2015	TRITIUM	20	0.118	pCi/mL	U	U	0.412	0.901
HAA019C	2/12/2015	TRITIUM	20	0.111	pCi/mL	U	U	0.475	1.04
HAA 14B	2/12/2015	TRITIUM	20	0.1	pCi/mL	U	U	0.471	1.03
HAA018C	2/12/2015	TRITIUM	20	0.0983	pCi/mL	U	U	0.411	0.897
HAA 1C	2/10/2015	TRITIUM	20	0.0968	pCi/mL	U	U	0.413	0.899
HAA017C	2/12/2015	TRITIUM	20	0.0968	pCi/mL	U	U	0.413	0.9
HAA 10B	2/5/2015	TRITIUM	20	0.0946	pCi/mL	U	U	0.416	0.906
HAA 14B	10/12/2015	TRITIUM	20	0.0871	pCi/mL	U	U	0.427	0.928
HAA018C	11/4/2015	TRITIUM	20	0.0584	pCi/mL	U	U	0.443	0.961
HAA 7B	9/10/2015	TRITIUM	20	0.0445	pCi/mL	U	U	0.444	0.961
HAA 7C	9/10/2015	TRITIUM	20	0.0406	pCi/mL	U	U	0.441	0.954
HAA017C	11/4/2015	TRITIUM	20	0.0404	pCi/mL	U	U	0.445	0.963
HAA 8B	10/13/2015	TRITIUM	20	0.0315	pCi/mL	U	U	0.352	0.758
HAA018C	11/4/2015	TRITIUM	20	0.0146	pCi/mL	U	U	0.444	0.957
HAA 14C	2/12/2015	TRITIUM	20	0.000785	pCi/mL	U	U	0.611	1.29
HAA 9B	9/10/2015	TRITIUM	20	-0.0206	pCi/mL	U	U	0.448	0.958
HAA 2B	2/10/2015	TRITIUM	20	-0.0339	pCi/mL	U	U	0.41	0.875
HAA 13B	2/23/2015	TRITIUM	20	-0.0518	pCi/mL	U	U	0.437	0.933

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 9B	2/5/2015	TRITIUM	20	-0.061	pCi/mL	U	U	0.454	0.968
HAA 14C	2/12/2015	TRITIUM	20	-0.0663	pCi/mL	U	U	0.476	1.02
HAA 8B	2/5/2015	TRITIUM	20	-0.0981	pCi/mL	U	U	0.451	0.956
HAA 14C	2/12/2015	TRITIUM	20	-0.113	pCi/mL	U	U	0.654	1.36
HAA 8B	2/5/2015	TRITIUM	20	-0.15	pCi/mL	U	U	0.696	1.44
HAA 7B	2/11/2015	TRITIUM	20	-0.285	pCi/mL	U	U	0.475	0.986
HAA 7C	2/11/2015	TRITIUM	20	-0.338	pCi/mL	U	U	0.473	0.976
HAA018C	2/12/2015	TRITIUM	20	-0.39	pCi/mL	U	U	0.473	0.969
HAA019D	10/14/2015	TURBIDITY	NA	209	NTU				
HAA 13D	10/12/2015	TURBIDITY	NA	44	NTU				
HAA 1D	9/10/2015	TURBIDITY	NA	15.9	NTU				
HAA020D	10/12/2015	TURBIDITY	NA	15	NTU				
HAA017D	2/25/2015	TURBIDITY	NA	14.8	NTU				
HAA020D	2/11/2015	TURBIDITY	NA	14.4	NTU				
HAA 13B	2/23/2015	TURBIDITY	NA	14.3	NTU				
HAA017D	2/12/2015	TURBIDITY	NA	13.8	NTU				
HAA018D	2/12/2015	TURBIDITY	NA	9.6	NTU				
HAA017D	11/4/2015	TURBIDITY	NA	9.5	NTU				
HAA 13D	2/10/2015	TURBIDITY	NA	9.3	NTU				
HAA 4D	10/13/2015	TURBIDITY	NA	8.9	NTU				
HAA 13B	11/24/2015	TURBIDITY	NA	6.7	NTU				
HAA018D	11/3/2015	TURBIDITY	NA	5.2	NTU				
HAA 1D	2/10/2015	TURBIDITY	NA	4.4	NTU				
HAA 9D	2/5/2015	TURBIDITY	NA	3.8	NTU				
HAA021D	10/14/2015	TURBIDITY	NA	3.2	NTU				
HAA 15B	10/21/2015	TURBIDITY	NA	3	NTU				
HAA 15D	10/21/2015	TURBIDITY	NA	2.9	NTU				
HAA 7D	2/11/2015	TURBIDITY	NA	2.7	NTU				
HAA017C	2/12/2015	TURBIDITY	NA	2.5	NTU				
HAA019C	10/14/2015	TURBIDITY	NA	2.5	NTU				
HAA 7C	2/11/2015	TURBIDITY	NA	2.4	NTU				
HAA017C	11/4/2015	TURBIDITY	NA	2.4	NTU				
HAA 10B	9/10/2015	TURBIDITY	NA	2.1	NTU				
HAA 12B	9/10/2015	TURBIDITY	NA	2.1	NTU				
HAA020C	10/12/2015	TURBIDITY	NA	2.1	NTU				
HAA 4D	2/11/2015	TURBIDITY	NA	2	NTU				
HAA 2B	9/10/2015	TURBIDITY	NA	1.8	NTU				
HAA 7D	9/10/2015	TURBIDITY	NA	1.8	NTU				
HAA019D	2/12/2015	TURBIDITY	NA	1.8	NTU				
HAA 10D	2/11/2015	TURBIDITY	NA	1.7	NTU				
HAA021D	2/11/2015	TURBIDITY	NA	1.7	NTU				
HAA 2B	2/10/2015	TURBIDITY	NA	1.6	NTU				
HAA 4B	12/2/2015	TURBIDITY	NA	1.6	NTU				
HAA 2D	2/5/2015	TURBIDITY	NA	1.4	NTU				
HAA 10B	2/5/2015	TURBIDITY	NA	1.4	NTU				
HAA 2D	9/10/2015	TURBIDITY	NA	1.3	NTU				
HAA 4B	2/11/2015	TURBIDITY	NA	1.3	NTU				
HAA 15B	2/12/2015	TURBIDITY	NA	1.3	NTU				
HAA 13C	2/10/2015	TURBIDITY	NA	1.2	NTU				
HAA 11C	2/10/2015	TURBIDITY	NA	1.1	NTU				
HAA 11B	2/10/2015	TURBIDITY	NA	1	NTU				
HAA 11B	10/13/2015	TURBIDITY	NA	1	NTU				
HAA 11D	9/10/2015	TURBIDITY	NA	1	NTU				
HAA 12C	2/10/2015	TURBIDITY	NA	0.9	NTU				
HAA 2C	2/5/2015	TURBIDITY	NA	0.8	NTU				
HAA 7B	2/11/2015	TURBIDITY	NA	0.8	NTU				
HAA 9C	2/5/2015	TURBIDITY	NA	0.8	NTU				
HAA 10C	2/5/2015	TURBIDITY	NA	0.8	NTU				
HAA 11D	2/10/2015	TURBIDITY	NA	0.8	NTU				
HAA 2C	9/10/2015	TURBIDITY	NA	0.7	NTU				

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 7C	9/10/2015	TURBIDITY	NA	0.7	NTU				
HAA 12C	9/10/2015	TURBIDITY	NA	0.7	NTU				
HAA 12D	2/10/2015	TURBIDITY	NA	0.7	NTU				
HAA 15C	2/12/2015	TURBIDITY	NA	0.7	NTU				
HAA 15D	2/12/2015	TURBIDITY	NA	0.7	NTU				
HAA020C	2/11/2015	TURBIDITY	NA	0.7	NTU				
HAA 1A	9/10/2015	TURBIDITY	NA	0.6	NTU				
HAA 1C	9/10/2015	TURBIDITY	NA	0.6	NTU				
HAA 12B	2/10/2015	TURBIDITY	NA	0.6	NTU				
HAA018C	11/4/2015	TURBIDITY	NA	0.6	NTU				
HAA 1C	2/10/2015	TURBIDITY	NA	0.5	NTU				
HAA 4C	10/13/2015	TURBIDITY	NA	0.5	NTU				
HAA 8C	9/10/2015	TURBIDITY	NA	0.5	NTU				
HAA 9B	2/5/2015	TURBIDITY	NA	0.5	NTU				
HAA 10C	9/10/2015	TURBIDITY	NA	0.5	NTU				
HAA 12D	10/14/2015	TURBIDITY	NA	0.5	NTU				
HAA 14B	2/12/2015	TURBIDITY	NA	0.5	NTU				
HAA 14D	10/12/2015	TURBIDITY	NA	0.5	NTU				
HAA 15C	10/21/2015	TURBIDITY	NA	0.5	NTU				
HAA 1A	2/10/2015	TURBIDITY	NA	0.4	NTU				
HAA 8D	2/5/2015	TURBIDITY	NA	0.4	NTU				
HAA 10D	10/13/2015	TURBIDITY	NA	0.4	NTU				
HAA 11C	10/13/2015	TURBIDITY	NA	0.4	NTU				
HAA 14C	10/12/2015	TURBIDITY	NA	0.4	NTU				
HAA021C	2/12/2015	TURBIDITY	NA	0.4	NTU				
HAA 4C	2/11/2015	TURBIDITY	NA	0.3	NTU				
HAA 7B	9/10/2015	TURBIDITY	NA	0.3	NTU				
HAA 8B	2/5/2015	TURBIDITY	NA	0.3	NTU				
HAA 8C	2/5/2015	TURBIDITY	NA	0.3	NTU				
HAA 8D	9/10/2015	TURBIDITY	NA	0.3	NTU				
HAA 9D	9/10/2015	TURBIDITY	NA	0.3	NTU				
HAA 13C	10/12/2015	TURBIDITY	NA	0.3	NTU				
HAA 14B	10/12/2015	TURBIDITY	NA	0.3	NTU				
HAA 9C	9/10/2015	TURBIDITY	NA	0.2	NTU				
HAA 14D	2/12/2015	TURBIDITY	NA	0.2	NTU				
HAA019C	2/12/2015	TURBIDITY	NA	0.2	NTU				
HAA021C	10/14/2015	TURBIDITY	NA	0.2	NTU				
HAA 8B	10/13/2015	TURBIDITY	NA	0.1	NTU				
HAA 9B	9/10/2015	TURBIDITY	NA	0.1	NTU				
HAA 14C	2/12/2015	TURBIDITY	NA	0.1	NTU				
HAA018C	2/12/2015	TURBIDITY	NA	0.1	NTU				
HAA 4D	10/13/2015	URANIUM-233/234	15	0.152	pCi/L	U	U	0.0998	0.314
HAA 4D	2/11/2015	URANIUM-233/234	15	0.1179	pCi/L	U	U	0.118	0.3106
HAA 4D	10/13/2015	URANIUM-233/234	15	0.0873	pCi/L	U	U	0.107	0.295
HAA 4D	2/11/2015	URANIUM-233/234	15	0.0657	pCi/L	U	U	0.096	0.2364
HAA 4D	10/13/2015	URANIUM-235	15	0.0759	pCi/L	U	U	0.0968	0.276
HAA 4D	2/11/2015	URANIUM-235	15	0.03913	pCi/L	U	U	0.059	0.1693
HAA 4D	10/13/2015	URANIUM-235	15	0.0182	pCi/L	U	U	0.115	0.251
HAA 4D	2/11/2015	URANIUM-235	15	0	pCi/L	U	U	0.058	0.07694
HAA 4D	2/11/2015	URANIUM-238	15	0.0579	pCi/L	U	U	0.075	0.1991
HAA 4D	2/11/2015	URANIUM-238	15	0.04708	pCi/L	U	U	0.105	0.2344
HAA 4D	10/13/2015	URANIUM-238	15	0.0451	pCi/L	U	U	0.0783	0.208
HAA 4D	10/13/2015	URANIUM-238	15	-0.0186	pCi/L	U	U	0.127	0.213
HAA 2D	2/5/2015	WATER ELEVATION	NA	274.7	ft msl				
HAA 2D	9/10/2015	WATER ELEVATION	NA	273.2	ft msl				
HAA021D	10/14/2015	WATER ELEVATION	NA	272.51	ft msl				
HAA 1D	2/10/2015	WATER ELEVATION	NA	272.42	ft msl				
HAA020D	10/12/2015	WATER ELEVATION	NA	271.6	ft msl				
HAA021D	2/11/2015	WATER ELEVATION	NA	271.54	ft msl				
HAA 1D	9/10/2015	WATER ELEVATION	NA	271.4	ft msl				

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA020D	2/11/2015	WATER ELEVATION	NA	270.95	ft msl				
HAA 7D	2/11/2015	WATER ELEVATION	NA	270.71	ft msl				
HAA017D	11/4/2015	WATER ELEVATION	NA	270.57	ft msl				
HAA 15D	10/21/2015	WATER ELEVATION	NA	270.53	ft msl				
HAA 15D	2/12/2015	WATER ELEVATION	NA	270.33	ft msl				
HAA 4D	10/13/2015	WATER ELEVATION	NA	270.3	ft msl				
HAA 4D	2/11/2015	WATER ELEVATION	NA	270.1	ft msl				
HAA 7D	9/10/2015	WATER ELEVATION	NA	270.04	ft msl				
HAA 14D	2/12/2015	WATER ELEVATION	NA	269.69	ft msl				
HAA017D	2/25/2015	WATER ELEVATION	NA	269.68	ft msl				
HAA017D	2/12/2015	WATER ELEVATION	NA	269.66	ft msl				
HAA 14D	10/12/2015	WATER ELEVATION	NA	269.59	ft msl				
HAA018D	11/3/2015	WATER ELEVATION	NA	269.33	ft msl				
HAA 13D	2/10/2015	WATER ELEVATION	NA	269.19	ft msl				
HAA 13D	10/12/2015	WATER ELEVATION	NA	269.12	ft msl				
HAA019D	10/14/2015	WATER ELEVATION	NA	269.01	ft msl				
HAA 8D	2/5/2015	WATER ELEVATION	NA	268.87	ft msl				
HAA 12D	10/14/2015	WATER ELEVATION	NA	268.81	ft msl				
HAA 12D	2/10/2015	WATER ELEVATION	NA	268.71	ft msl				
HAA018D	2/12/2015	WATER ELEVATION	NA	268.57	ft msl				
HAA 10D	10/13/2015	WATER ELEVATION	NA	268.52	ft msl				
HAA 10D	2/11/2015	WATER ELEVATION	NA	268.02	ft msl				
HAA019D	2/12/2015	WATER ELEVATION	NA	267.91	ft msl				
HAA 8D	9/10/2015	WATER ELEVATION	NA	267.64	ft msl				
HAA 11D	2/10/2015	WATER ELEVATION	NA	266.89	ft msl				
HAA 11D	9/10/2015	WATER ELEVATION	NA	266.49	ft msl				
HAA 9D	2/5/2015	WATER ELEVATION	NA	263.46	ft msl				
HAA 9D	9/10/2015	WATER ELEVATION	NA	262.66	ft msl				
HAA021C	10/14/2015	WATER ELEVATION	NA	254.48	ft msl				
HAA021C	2/12/2015	WATER ELEVATION	NA	254.32	ft msl				
HAA 7C	2/11/2015	WATER ELEVATION	NA	253.13	ft msl				
HAA 10C	2/5/2015	WATER ELEVATION	NA	253.07	ft msl				
HAA 10C	9/10/2015	WATER ELEVATION	NA	253.07	ft msl				
HAA020C	2/11/2015	WATER ELEVATION	NA	252.69	ft msl				
HAA 7C	9/10/2015	WATER ELEVATION	NA	252.63	ft msl				
HAA020C	10/12/2015	WATER ELEVATION	NA	252.46	ft msl				
HAA 2C	2/5/2015	WATER ELEVATION	NA	252.3	ft msl				
HAA 10B	2/5/2015	WATER ELEVATION	NA	252.2	ft msl				
HAA 10B	9/10/2015	WATER ELEVATION	NA	252.04	ft msl				
HAA 2C	9/10/2015	WATER ELEVATION	NA	251.6	ft msl				
HAA 8C	2/5/2015	WATER ELEVATION	NA	251.32	ft msl				
HAA 9C	2/5/2015	WATER ELEVATION	NA	251.03	ft msl				
HAA 7B	2/11/2015	WATER ELEVATION	NA	250.94	ft msl				
HAA 9C	9/10/2015	WATER ELEVATION	NA	250.93	ft msl				
HAA 2B	2/10/2015	WATER ELEVATION	NA	250.87	ft msl				
HAA 8C	9/10/2015	WATER ELEVATION	NA	250.68	ft msl				
HAA 8B	10/13/2015	WATER ELEVATION	NA	250.65	ft msl				
HAA 7B	9/10/2015	WATER ELEVATION	NA	250.62	ft msl				
HAA 4C	10/13/2015	WATER ELEVATION	NA	250.2	ft msl				
HAA 4B	12/2/2015	WATER ELEVATION	NA	250.1	ft msl				
HAA 11B	10/13/2015	WATER ELEVATION	NA	250.1	ft msl				
HAA 4C	2/11/2015	WATER ELEVATION	NA	250.05	ft msl				
HAA 8B	2/5/2015	WATER ELEVATION	NA	250.03	ft msl				
HAA 2B	9/10/2015	WATER ELEVATION	NA	250	ft msl				
HAA 4B	2/11/2015	WATER ELEVATION	NA	250	ft msl				
HAA 11C	10/13/2015	WATER ELEVATION	NA	249.89	ft msl				
HAA 1C	9/10/2015	WATER ELEVATION	NA	249.87	ft msl				
HAA 11B	2/10/2015	WATER ELEVATION	NA	249.84	ft msl				
HAA 9B	2/5/2015	WATER ELEVATION	NA	249.82	ft msl				
HAA 11C	2/10/2015	WATER ELEVATION	NA	249.66	ft msl				

Bold indicates result exceeds the MCL/RSL

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 9B	9/10/2015	WATER ELEVATION	NA	249.58	ft msl				
HAA 1C	2/10/2015	WATER ELEVATION	NA	249.5	ft msl				
HAA 12C	9/10/2015	WATER ELEVATION	NA	249.39	ft msl				
HAA 12C	2/10/2015	WATER ELEVATION	NA	249.23	ft msl				
HAA 12B	9/10/2015	WATER ELEVATION	NA	249.11	ft msl				
HAA 12B	2/10/2015	WATER ELEVATION	NA	249.01	ft msl				
HAA 13B	11/24/2015	WATER ELEVATION	NA	248.65	ft msl				
HAA 13C	10/12/2015	WATER ELEVATION	NA	248.08	ft msl				
HAA 13C	2/10/2015	WATER ELEVATION	NA	247.85	ft msl				
HAA 13B	2/23/2015	WATER ELEVATION	NA	247.68	ft msl				
HAA 14C	2/12/2015	WATER ELEVATION	NA	247.58	ft msl				
HAA 14C	10/12/2015	WATER ELEVATION	NA	247.08	ft msl				
HAA 14B	10/12/2015	WATER ELEVATION	NA	246.73	ft msl				
HAA 14B	2/12/2015	WATER ELEVATION	NA	246.53	ft msl				
HAA 15C	10/21/2015	WATER ELEVATION	NA	246.33	ft msl				
HAA 15C	2/12/2015	WATER ELEVATION	NA	246.03	ft msl				
HAA 15B	10/21/2015	WATER ELEVATION	NA	245.94	ft msl				
HAA 15B	2/12/2015	WATER ELEVATION	NA	245.64	ft msl				
HAA017C	11/4/2015	WATER ELEVATION	NA	245.32	ft msl				
HAA017C	2/12/2015	WATER ELEVATION	NA	245.21	ft msl				
HAA018C	11/4/2015	WATER ELEVATION	NA	241.98	ft msl				
HAA018C	2/12/2015	WATER ELEVATION	NA	241.95	ft msl				
HAA019C	10/14/2015	WATER ELEVATION	NA	237.07	ft msl				
HAA019C	2/12/2015	WATER ELEVATION	NA	236.64	ft msl				
HAA 1A	2/10/2015	WATER ELEVATION	NA	179	ft msl				
HAA 1A	9/10/2015	WATER ELEVATION	NA	178.86	ft msl				