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2018 Annual Groundwater Monitoring Report For the F- and H-Area Radioactive Liquid Waste Tank Farms (U)

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LIST OF ABBREVIATIONS AND ACROYNMS

~	approximate, approximately
ft	feet, foot
FIPSL	F-Area Inactive Process Sewer Line
FTF	F-Area Tank Farm
GAU	Gordon Aquifer Unit
GCU	Gordon Confining Unit
GSA	General Separations Area
HIPSL	H-Area Inactive Process Sewer Line
HTF	H-Area Tank Farm
in.	inch
LAZ	Lower Aquifer Zone
µg/L	microgram per liter
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
mg/L	milligram per liter
msl	mean sea level
OU	Operable Unit
pCi/L	picocurie per liter
pCi/mL	picocurie per milliliter
RCRA	Resource Conservation and Recovery Act
ROD	Record of Decision
RPD	Relative Percent Difference
RSL	Regional Screening Level
SAP	Sampling Analysis Plan
SCDHEC	South Carolina Department of Health and Environmental Control
SQL	Sample Quantitation Limit
SRNS	Savannah River Nuclear Solutions
SRR	Savannah River Remediation
SRS	Savannah River Site
UAZ	Upper Aquifer Zone
USDOE	United States Department of Energy
USEPA	United States Environmental Protection Agency
UTRA	Upper Three Runs Aquifer

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1.0 INTRODUCTION

This report presents the results of groundwater monitoring at the F-Area and H-Area Radioactive Liquid Waste Tank Farms for calendar year 2018. As required by the Consolidated General Closure Plan for F-Area and H-Area Waste Tank Systems (SRR, 2017), 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 as defined in final Record of Decision (ROD) documents for the F-Area Tank Farm (FTF) and H-Area Tank Farm (HTF) Operable Units (OUs). In December 2012, the United States Environmental Protection Agency (USEPA) 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 2012a*)* and the *H-Area Tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan (*SRNS 2012b*)* provide specific details of the groundwater monitoring programs. During scoping of the monitoring strategy and development of the sampling plans, the United States Department of Energy (USDOE), USEPA, and SCDHEC identified gaps in the existing well coverage. Subsequently, new wells were installed at agreed upon locations at both the FTF and HTF to address as many data gaps as possible. Placement of additional wells is currently limited by existing active utilities and operating facilities, and additional well installation will not be possible until closure of the FTF and HTF.

In 2018, Savannah River Site (SRS) performed sampling according to the SAPs for the FTF and HTF. SRS collected samples during the first and third quarters of calendar year 2018 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 FBG 1D was dry. Table 1 provides a list of wells sampled for each facility's monitoring program.

During 2018, SRS recorded 72.06 inches (in.) of precipitation as measured at the H-Area weather station. This amount of precipitation was greater than the 30-year average (49.33 in. per year) and is considered above normal rainfall for SRS. The FTF average groundwater elevations for the Upper Aquifer Zone (UAZ) and Lower Aquifer Zone (LAZ) are approximately (~) 221- and 210-feet (ft) above mean sea level (msl), respectively. In 2018, FTF groundwater elevations for the UAZ were about equal to average levels and groundwater elevations for the LAZ were ~2-ft above average levels. At the HTF, average groundwater elevations for the UAZ and LAZ are ~269- and 252-ft above msl, respectively. In 2018, HTF UAZ and LAZ groundwater elevations were ~1-ft below average levels. Approximately 44 in. of the rainfall that occurred during 2018, occurred during the third and fourth calendar quarters of 2018. There is expected to be some delay between the excess rainfall and an increase in groundwater elevations to reflect the excess rain. Thus, the groundwater measurements taken during the first and third quarter sampling events would not represent the excess rainfall that occurred late in the year. The first quarter 2019 groundwater elevations should show the expected increase in groundwater elevations after the greater than normal rainfall in the third and fourth quarters of 2018.

Overall, the monitoring results, presented in Attachments A and B, are similar to those from past years. In 2018, no results indicated new releases to groundwater. Water level measurements and flow paths were similar to those from past years.

2.0 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 ~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 streams. 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.

3.0 GROUNDWATER MONITORING AT F-AREA TANK FARM

The groundwater monitoring plan for the FTF includes sampling twice per year of a network of thirteen monitoring wells, including seven wells installed in 2012. The well network is located around the downgradient 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 contaminant 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 2018, SRS sampled 12 of 13 FTF monitoring wells in the first and third calendar quarters. All the wells were sampled as scheduled except for the UAZ background well FBG 1D. Despite above average rainfall and water elevations in the UAZ over the past few years, FBG 1D has not produced enough water to be sampled since it was installed in 2012. The water table is thin in the area of well FBG 1D 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 FBG 1C. SRS recommends an alternate location be discussed for the installation of a new UAZ background well. Figures 6 and 7 provide the 2018 water level maps from the third quarter of 2018 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 known technetium-99 in the groundwater. 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 picocuries per liter (pCi/L) and 50 pCi/L, respectively. In 2018, 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 2018 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.

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 milligram per liter [mg/L]) for nitrate in all samples. The maximum concentration was 7.6 mg/L and occurred in the LAZ background well FBG 1C.

Tritium

Tritium was below the MCL (20 picocuries per milliliter [pCi/mL]) in every well at the FTF. Although below the MCL, tritium was accurately quantifiable (result unqualified and above the sample quantitation limit [SQL]) in 23 samples. Figure 8 shows that in previous years, tritium has fluctuated sample to sample and has been detected greater than the MCL in UAZ well FTF 30D. In 2017, the first quarter result at FTF 30D was 105 pCi/mL and the third quarter result was 20.4 pCi/mL. However, in 2018 tritium at FTF 30D was well below the MCL with results of 1.1 pCi/mL and 3.35 pCi/mL in the first and third quarter, respectively. The maximum tritium concentration at upgradient UAZ wells FTF 20 and FTF 22 was 1.5 pCi/mL. The maximum tritium result from the remaining wells sampled at the FTF was 5.54 pCi/mL in well FTF 19. SRS will continue to monitor and evaluate tritium at the FTF.

Gross Alpha

Gross alpha was detectable in only 11 of the 31 samples, and none of those samples were determined to be accurately quantifiable above the laboratory SQL. The maximum gross alpha concentration (5.15 J pCi/L) was detected at well FTF 22. The maximum did not exceed the trigger level of 15 pCi/L. Overall, gross alpha concentrations were low and consistent with previous results at the FTF.

Cadmium and Chromium

All results for chromium except for one 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. The majority of the cadmium results were non-detect and only one result was above the SQL. Similar to previous years, the only cadmium result above the SQL occurred at background well FBG 1C. The maximum result for cadmium was 0.55 micrograms per liter (µg/L) and did not exceed the MCL (5 µg/L). The maximum concentration of chromium was measured at UAZ well FTF 12R (10.1 µg/L) and was well below the MCL of 100 µg/L. Cadmium and chromium were detected in 16 out of 56 samples and all the detected concentrations were below the MCLs. The 2018 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 2018, manganese was below the drinking water regional screening level (RSL) (430 µg/L) at all wells with a maximum concentration of 169 µg/L at well FTF 9R. The concentration at FTF 9R was significantly lower than 2013 and 2014 maximum results (2,060 µg/L and 697 µg/L, respectively). The background concentration for manganese (149 µg/L) was elevated compared to most of the FTF monitoring wells but below the RSL. Manganese levels at the remaining wells did not exceed 100 µg/L.

Historically, manganese was initially elevated in the new wells installed during 2012. In most cases, the maximum concentration occurred shortly after the well was installed. Figure 9 shows

decreasing concentrations of manganese after installation for most of the new 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 µg/L, 335 µg/L, and 163 µg/L, respectively. Similar decreases were observed at new wells FBG 1C, 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 15 nephelometric turbidity units in every well except for FTF 30D. The time trend graph in Figure 9 shows that manganese concentrations in all 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 (2012) to 2,060 µg/L (2013). 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. Since 2013, manganese concentrations at FTF 9R have decreased. The February 2015 sample was slightly lower than the RSL at 395 µg/L and concentrations since then have continued to decrease, averaging 122.3 µg/L and are now within range of the other FTF monitoring wells. The maximum concentration in 2018 was 169 µg/L. SRS will continue to monitor and evaluate manganese trends at the FTF.

Sodium levels were the highest at wells FTF 20 and FTF19. The maximum sodium concentration was 18,900 µg/L at FTF 20. Background concentrations for sodium were also higher than half of the other monitoring wells, which averaged ~6,300 µg/L. There is no MCL or RSL for sodium.

Nonvolatile Beta

Nonvolatile beta was detected in 20 of 31 samples. However, only 7 of the 20 detections exceeded the screening level of 50 pCi/L, with four from well FTF 28 and three from FTF 12R. All the results from well FTF 28 that exceeded the screening level were estimated values that were "J" qualified due to the field duplicate Relative Percent Difference (RPD) being out of control limits. These four values were included in Figure 10 for trending purposes only. In 2018, levels at FTF 28 ranged from 302 J pCi/L to the maximum of 957 J pCi/L. At FTF 12R, prior to 2014, nonvolatile beta has been below 50 pCi/L in previous samples. However, since 2014, nonvolatile beta levels in FTF 12R have ranged from 51.7 pCi/L to 370 pCi/L. In 2018, the levels ranged from 184 pCi/L to 370 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 concentration. The results of the contingent analyses are discussed below.

The 2018 monitoring continues to indicate the existence of a nonvolatile beta plume in both the UAZ (FTF 12R) and the LAZ (FTF 28 and FSL 11C) downgradient of the FTF. The plume extends from FTF 28/12R to the southwest through well FSL 11C for ~3,000 ft. As reported in previous

years, leaks from the FIPSL are a 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 2018, groundwater in the LAZ beneath the FTF had an average pH of 5.75. As shown in Figure 11, the hydrogen ion content at FTF 28 is elevated compared to nearby wells in the same aquifer and thus the pH is lower (pH 5.03) indicating that FTF 28 has likely been impacted by the FIPSL. Figure 12 illustrates the approximate extent of the nonvolatile beta plume near the FTF.

Other potential sources of the plume include past releases and contamination areas within the FTF facility boundary (SRNS, 2012a). Placement of additional future wells to accurately identify the source of the plume is limited by existing active utilities and operating facilities. Additional well installation will not be possible until closure of the FTF and HTF (including closure of the F- and H-Area High Level Waste Tanks). If contamination in the groundwater is thought to represent a threat to surface water resources, the Core Team will reconvene to determine if early response actions are required.

Groundwater within the western portion of the General Separations Area (GSA) encompasses the FTF Area OU and is monitored under the FTF Area OU, the GSA Western Groundwater OU, and the monitoring program for the RCRA permitted F-Area Hazardous Waste Management Facility Inactive Process Sewer Line. The width and extent of the nonvolatile beta plume down gradient of the FTF is covered by the GSA Western Groundwater OU and shows that technetium-99 and nonvolatile beta do not represent a threat to surface water (Figure 13), which includes additional wells FSL 4D, FSL 5D, FSL 6D, FSL 7D, FSL 11C, BRR 1D, BRR 6C, BRR 6D, BRR 7C, FGW012D, FGW012C, FGW023 and FGW024.

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 (104 pCi/L), lead-214 (127 pCi/L), radium-226 (2.26 pCi/L), radium-228 (0.659 J pCi/L), strontium-90 (6.58 J pCi/L), and technetium-99 (1,510 pCi/L). Radium and strontium were below their respective MCLs.

The elevated levels of bismuth-214 and lead-214 measured in wells FTF 12R and FTF 28 indicate the decay of radium-226 into radon-222. radium-226, radon-222 and their daughter products (e.g. bismuth-214 and lead-214) are naturally-occurring radionuclides that commonly occur in coastal plain groundwater (Stone 2005). The decay of radon daughter products produces elevated levels of beta radiation associated with the decay of bismuth-214 and lead-214. Although these elevated levels of beta radiation are present, they should not contribute to the nonvolatile beta results. All of the radon-222 present in the sample from the decay of radium-226 is volatized when the sample is evaporated onto the planchet. Whatever concentrations of bismuth-214 and lead-214 (from the decay of radon-222) are deposited on the planchet will decay away rapidly before the sample is analyzed and thus do not contribute to the nonvolatile beta result. The half-lives of lead-214 and bismuth-214 are 27 and 20 minutes, respectively. Thus, the nonvolatile beta observed at FTF 12R and FTF 28 appears to be attributed mainly to technetium-99. It is not uncommon for the Technetium-99 results to be higher than the nonvolatile beta results for the same samples, as some

Technetium-99 is volatilized by the drying step in the nonvolatile beta analytical method. In contrast, the technetium-99 analytical method does not include a drying step, thus avoiding any volatilization of technetium-99

At FTF 12R, iodine-129 was also detected, however these results (1.12 J pCi/L and 1.43 J pCi/L) were "J" qualified because they were below the SQL. Iodine-129 has previously been detected once at FTF 12R but has historically been non-detect. In groundwater, detecting the presence of iodine-129 at levels near the MCL is a challenge because the MCL of 1 pCi/L is very low and near the analytical method detection limit (MDL) of the contracted laboratories. For example, at FTF 28, the average MDL over the past ten years was 0.95 pCi/L (51 samples). Although this average is less than the MCL, some samples had MDLs greater than the MCL up to a maximum MDL of 1.44 pCi/L. Based on years of groundwater monitoring at SRS, if iodine-129 is present, concentrations will not remain at or below the MCL for very long and will be quantifiable using existing analytical methods. SRS will continue to sample for iodine-129 at the FTF.

Technetium-99

Technetium-99 has previously been detected in wells FTF 28 and FTF 12R and has previously been greater than the MCL (900 pCi/L) in well FTF 28. In 2018, technetium-99 levels were slightly lower than 2017 at 1,510 pCi/L at FTF 28. Concentration trends for technetium-99 and nonvolatile beta in well FTF 28 are provided in Figure 9, which show a slowly increasing trend over the last ten years. At well FTF 12R, technetium-99 was 525 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 at well FTF 12R when nonvolatile beta exceeds 50 pCi/L.

4.0 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, including 10 wells (HAA 17 through HAA 21) installed in 2012. The well network is located around the downgradient 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 14 provides the monitoring locations. Figures 15, 16, and 17 illustrate groundwater flow directions and third quarter 2018 water levels for the UAZ, LAZ, and GAU, respectively.

In 2018, all 46 HTF monitoring wells were sampled in the first and third 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 2018, 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 2018 monitoring results. For comparison, a summary of historical monitoring results is provided in Table 3b.

Overall, the 2018 sample results were similar to those from previous years. Analytical results indicated low concentrations of nitrate-nitrite and tritium in most wells, and the concentrations are consistent with past results. Sampling also detected manganese and sodium, which are naturally-occurring in aquifer sediments at SRS. Results for specific constituents are discussed in more detail.

Nitrate-Nitrite

Nitrate-nitrite was below the MCL in every sample except for one. Well HAA 4D measured nitrate-nitrite greater than the MCL (10 mg/L) in the first quarter sample (34.8 mg/L) but was below the MCL again in the third quarter sample with a concentration of 7.15 mg/L. Nitrate-nitrite has historically been below the MCL at HAA 4D. The remaining results at the HTF were low with more than 50-percent being less than 1 mg/L. The average concentration of all samples for nitrate-nitrite that were unqualified was 1.34 mg/L. Overall, the nitrate-nitrite results were similar to previous years.

Tritium

Tritium was detectable in HTF wells but was only above the MCL in two wells. Well HAA 12C and HAA 12D measured tritium greater than the MCL (20 pCi/mL) with a maximum result of 49.9 pCi/mL. As reported in the HTF SAP, tritium has been detected at the HTF up to 355 pCi/mL (HTF 12, 1986). Well cluster HAA 12 is down-gradient of the HTF and has a history of elevated tritium. 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 18 shows the history of tritium in both HAA 12 wells (UAZ and LAZ). In 2018, concentrations were steady in HAA 12D and decreasing in HAA 12C. Long-term trends for both wells are shown to be decreasing. Figure 19 shows the maximum tritium concentrations in 2018 for the UTRA. The extent of the tritium plume is monitored by the GSA Eastern Groundwater OU monitoring program.

Gross Alpha

Gross alpha was detected in 13 of the 109 samples collected, but all concentrations were estimated with 12 of the 13 sample results less than the SQL. The maximum concentration of gross alpha (6.89 J pCi/L) was measured at well HAA 18C. The result was above the SQL but was J qualified

due to the RPD between the sample and the field duplicate being outside of control limits. The field duplicate for this sample was non-detect (0.468 UJ).

Well HAA 4D had concentrations similar to last year with a maximum of 6.4 J pCi/L. Because gross alpha exceeded 15 pCi/L at HAA 4D in 2014, analyses were performed in the first quarter for specific radionuclides. All process related isotopes (americium-241, curium-245/246, 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. SRS will continue to monitor gross alpha at HAA 4D and will perform analysis for specific radionuclides when concentrations exceed the trigger level of 15 pCi/L. The additional analyses performed in 2018 are provided in Attachment B.

Cadmium and Chromium

Out of 100 samples, 96 results for cadmium were non-detect. The four remaining results were qualified "J". The "J" qualifier, in this case, meaning the constituent was identified, but below the SQL and thus cannot be accurately quantified. For chromium, only 3 results out of 100 samples were above the SQL. The maximum concentration of chromium was measured at LAZ well HAA 7C (10.9 µg/L) and was well below the MCL of 100 µg/L. Approximately 50% of the chromium samples were non-detect.

Manganese and Sodium

Manganese and sodium are naturally occurring in the aquifer sediments at SRS. Manganese was accurately quantifiable above the SQL in 47 of 100 samples. The first quarter result at HAA 10D (484 µg/L) exceeded the RSL of 430 µg/L, but the third quarter result was below the RSL at 405 µg/L. The average concentration for all samples above the laboratory method detection limit was 40 µg/L. In 2018, 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 (26,300 µg/L) occurring at UAZ well HAA 11B. This result was elevated compared to other results for sodium at the HTF, the next highest result being 13,600 µg/L at HAA 10D. The average concentration of sodium was about the same as 2017 results at 3,532 µg/L. 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 3 of 109 samples. The average concentration of those results was 18.9 pCi/L. The maximum concentration was 23.5 pCi/L at UAZ well HAA 4D and less than the screening level of 50 pCi/L. SRS will continue to monitor nonvolatile beta according to the HTF SAP.

Technetium-99

Technetium-99 was quantifiable above the SQL in only four of 109 samples collected. No results exceeded the MCL (900 pCi/L). The maximum concentration was 11.5 pCi/L at well HAA 12C. Historically, technetium-99 has not been identified as a prevalent contaminant in groundwater at the HTF and the 2018 results are consistent with this conclusion.

5.0 CONCLUSION

In 2012, USEPA and SCDHEC approved new groundwater monitoring plans and corresponding SAPs for the FTF and HTF. SRS performed monitoring in 2018 according to the approved plans and performed sampling in the first and third quarters at 58 wells (12 wells at FTF and 46 wells at HTF). Overall, the 2018 monitoring results show no indications of new releases to groundwater. Water level measurements and flow paths were similar to those from past years.

Despite above average rainfall and water elevations in the UAZ over the past few years, FBG 1D has not produced enough water to be sampled since it was installed in 2012. The water table is thin in the area of well FBG 1D 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 FBG 1C. SRS proposes an alternate location be discussed for the installation of a new UAZ background well.

F Tank Farm

At the FTF, nonvolatile beta continues to be elevated 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 2017. The maximum result occurred at FTF 28 at 957 J pCi/L. Historically, nonvolatile beta has fluctuated from sample to sample at this well. Isotopic analyses performed on samples from FTF 28 and FTF 12R identified technetium-99 as the primary source of nonvolatile beta. The 2018 maximum concentration of technetium-99 at FTF 28 was 1,510 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.

During scoping of the monitoring strategy and development of the sampling plan, the Core Team recognized that the placement of additional future wells to accurately identify the source of the plume is limited by existing active utilities and operating facilities. Additional well installation will not be possible until closure of the FTF and HTF (including closure of the F- and H-Area High Level Waste Tanks). If contamination in the groundwater is thought to represent a threat to surface water resources, the Core Team will reconvene to determine if early response actions are required.

SRS will continue to monitor the technetium-99 and nonvolatile beta in this area and will include data from GSA Western Groundwater OU FSL, FGW, and BRR series wells on Figure 13 in the 2019 Annual Groundwater Monitoring Report for the F/H Area Radioactive Liquid Waste Tank Farms report to show the extent of the technetium-99 and nonvolatile beta plumes.

Tritium was below the MCL in every well at the FTF in 2018. Although above the MCL in well FTF 30D in 2017, tritium concentrations were below the MCL in 2018. SRS will continue to monitor and evaluate tritium at the FTF.

Concentrations of nitrate-nitrite, gross alpha, cadmium, chromium, manganese, and sodium remain low and are below their respective RSL/MCL. Overall, the 2018 monitoring results show no indications of new releases at the FTF.

H Tank Farm

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 regularly monitored since 2000. The plume is located near and downgradient of the Off-Site Fuels Receiving Basin facility and the HIPSL, both potential sources of historical tritium releases. The downgradient extent of the tritium plume is delineated and monitored by the GSA Eastern Groundwater OU monitoring program. At well cluster HAA 12, tritium exceeded the MCL in both the UAZ and the LAZ wells. Compared to recent years, concentrations in 2018 were steady at HAA 12D and decreasing at HAA 12C. SRS will continue to monitor for tritium at the FTF.

In 2018, nitrate-nitrite exceeded the MCL at one well (HAA 4D) during the first quarter but was below the MCL again in the third quarter sample. The remaining nitrate-nitrite results at the HTF were low and similar to previous years. Manganese also exceeded its RSL at one well (HAA 10D) during the first quarter but was below the RSL again in the third quarter sample. Manganese is naturally occurring in the aquifer sediments at SRS and current levels are significantly lower than past results.

Concentrations of cadmium, chromium, sodium and nonvolatile beta remain low and are below their respective MCLs. Overall, the 2018 monitoring results show no indications of new releases at the HTF.

6.0 REFERENCE

SRR, 2017. *Consolidated General Closure Plan for F-Area and H-Area Waste Tank Systems*, SRR-CWDA-2017-00015, Revision 1, Savannah River Remediation LLC, Savannah River Site, Aiken, SC, April 2017

SRNS, 2012a. *F-Area Tank Farm Groundwater Sampling and Analysis Plan*, SRNS-RP-2012-00287, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2012b. *H-Area Tank Farm Groundwater Monitoring Plan and Sampling and Analysis Plan*, SRNS-RP-2012-00146, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

Stone, 2005. *URANIUM, RADIUM, AND RADON IN WELL WATER IN SOUTH CAROLINA: DISTRIBUTION AND PROBLEMS,* Peter A. Stone, et al., Proceedings of the 2005 Georgia Water Resources Conference, held April 25-27, 2005, at The University of Georgia. Kathryn J. Hatcher, editor, Institute of Ecology, The University of Georgia, Athens, Georgia

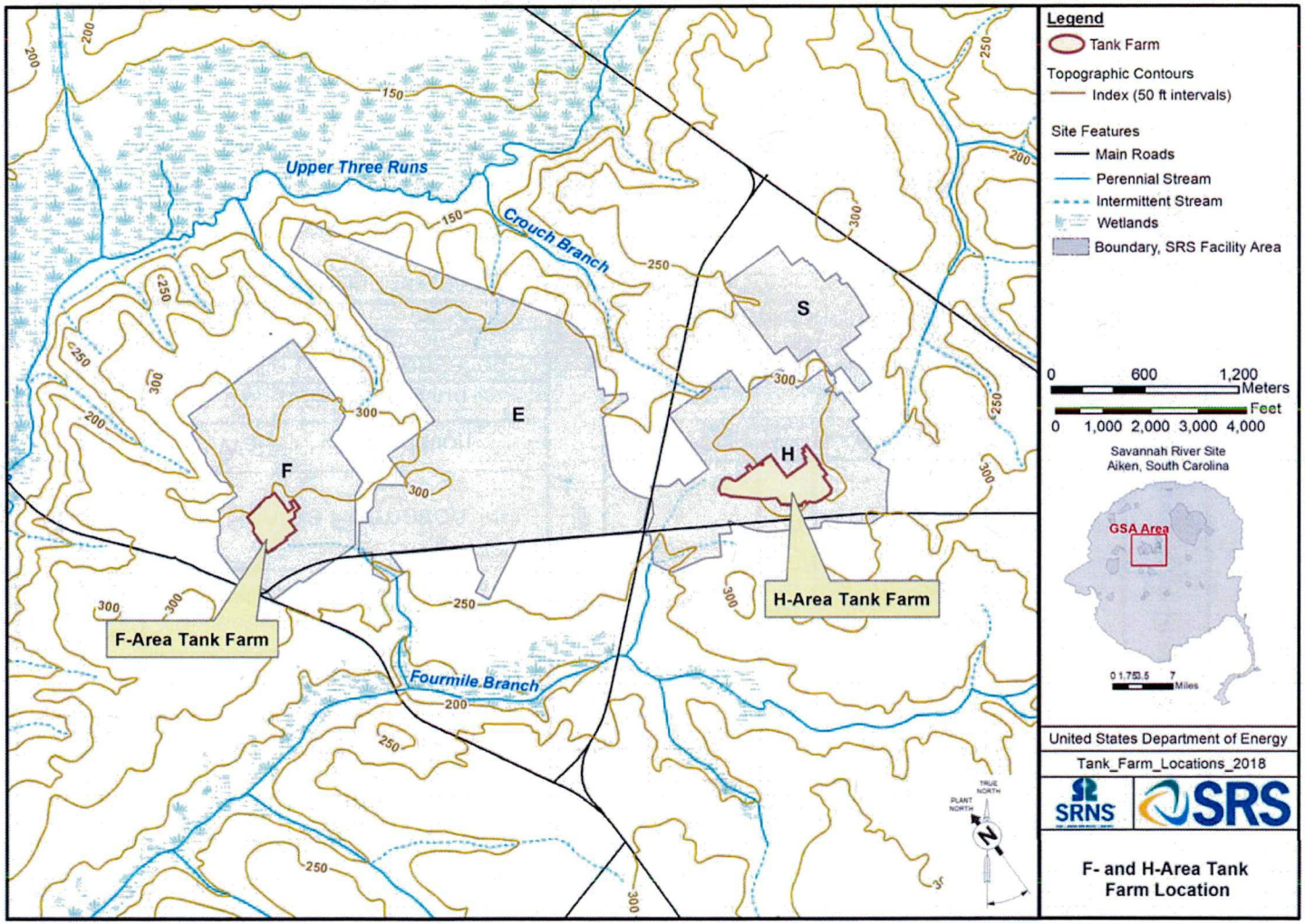

Figure 1. Locations of the F-Area and H-Area Tank Farms

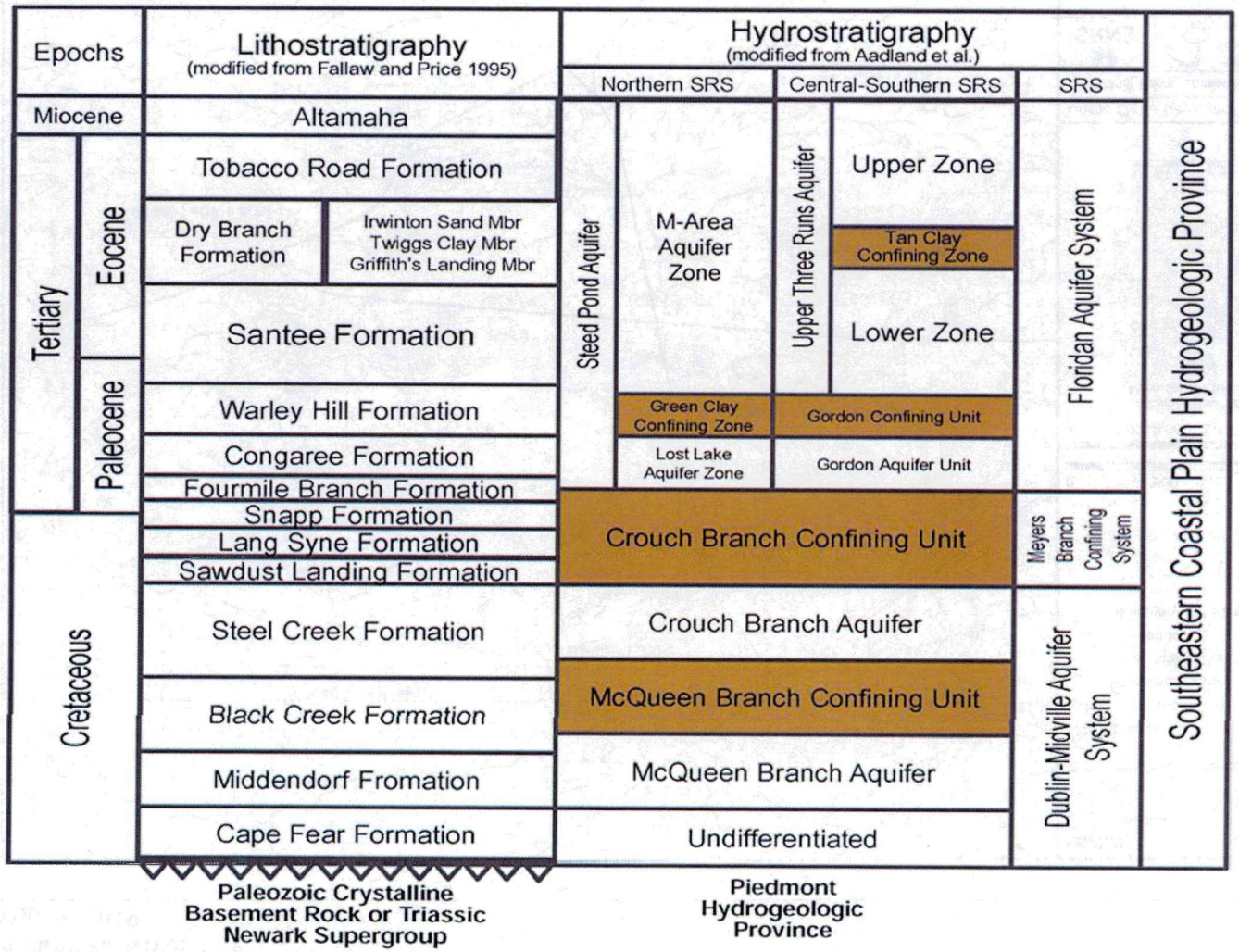

Figure 2. Lithostratigraphic and Hydrostratigraphic Units at the F-Area and H-Area Tank Farms

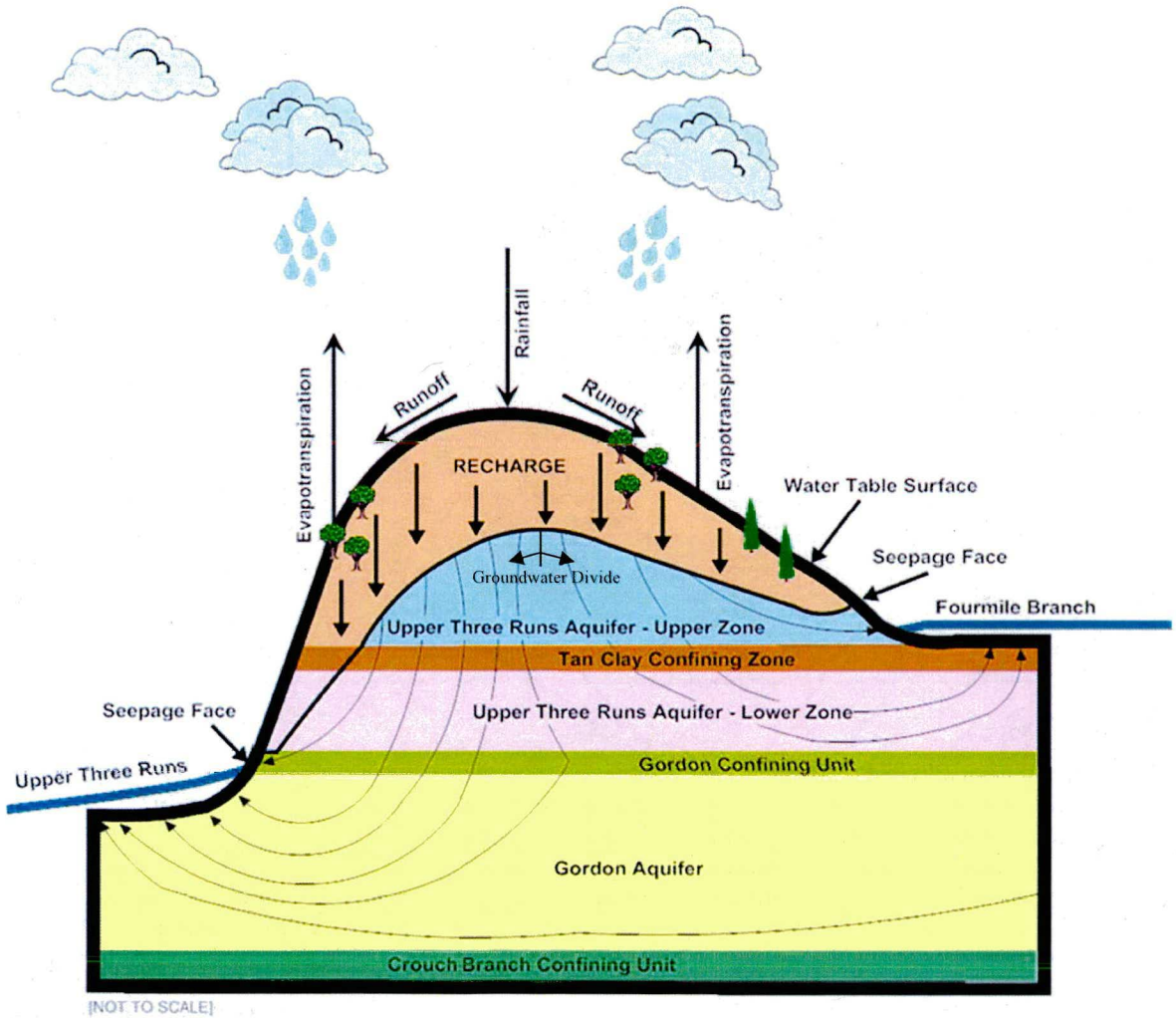

Figure 3. Surface and Groundwater Flow at the General Separations Area

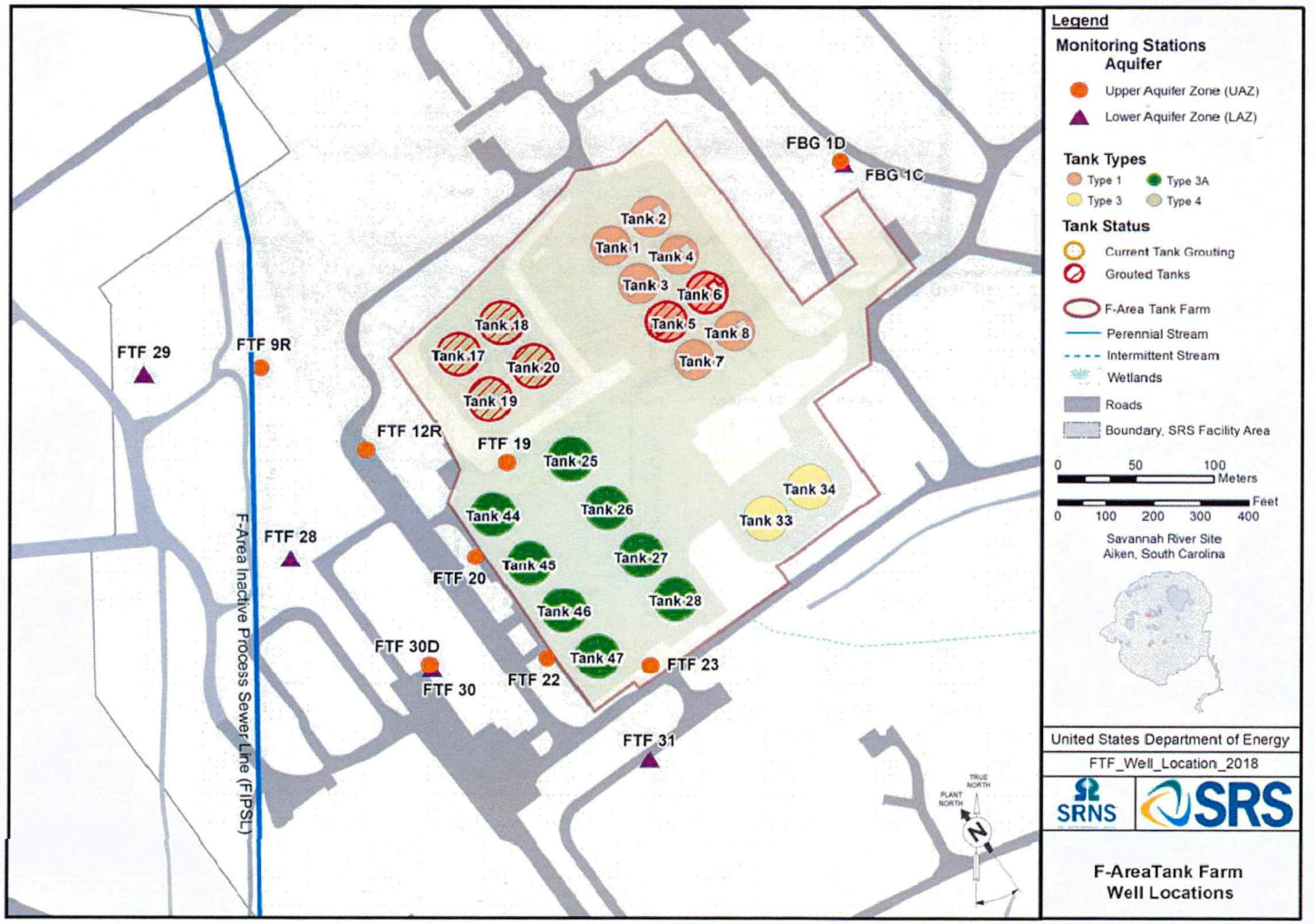

Figure 4. Location of Wells for the FTF Groundwater Monitoring Network

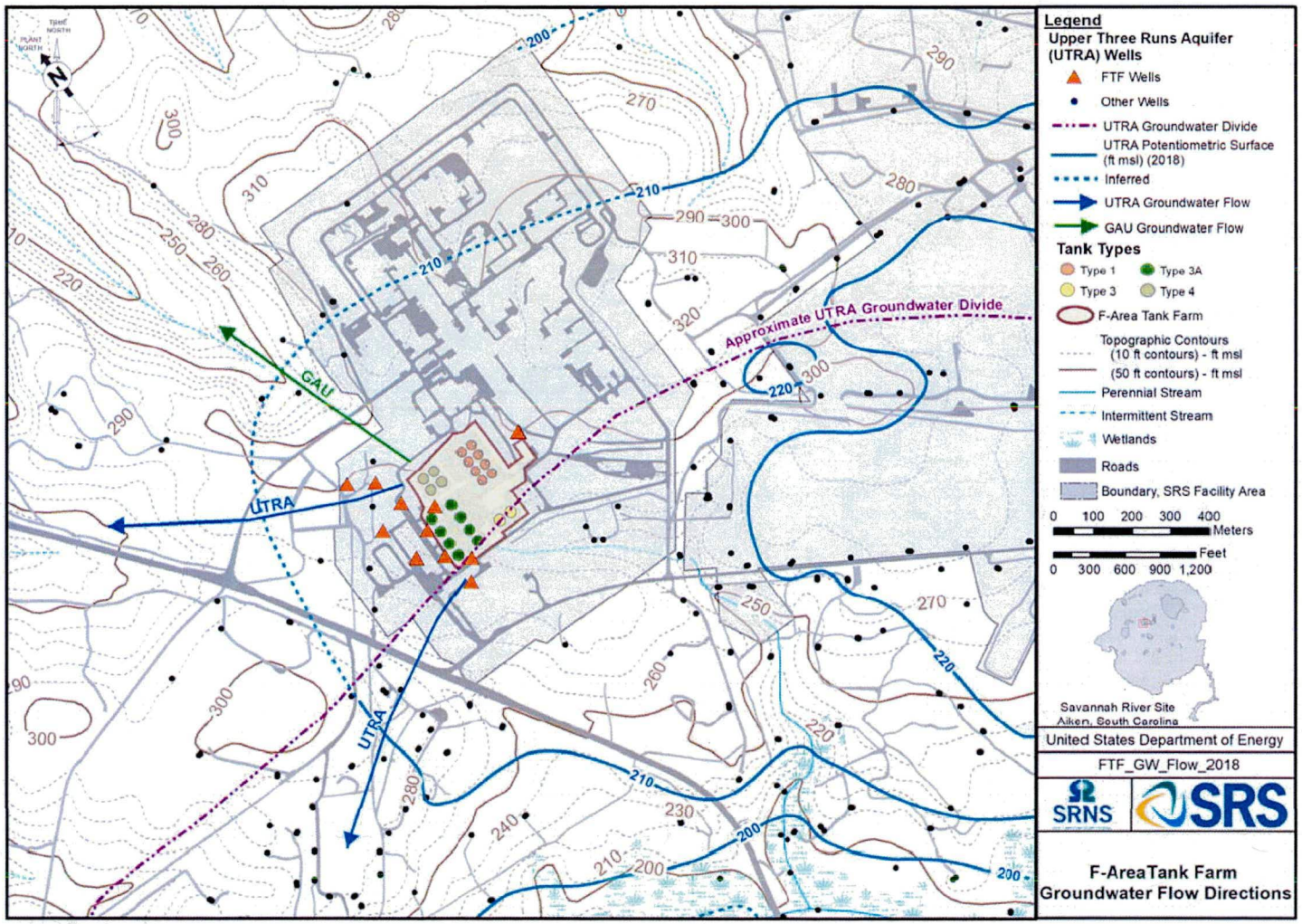

Figure 5. Potentiometric Surface and Groundwater Flow Directions at the FTF

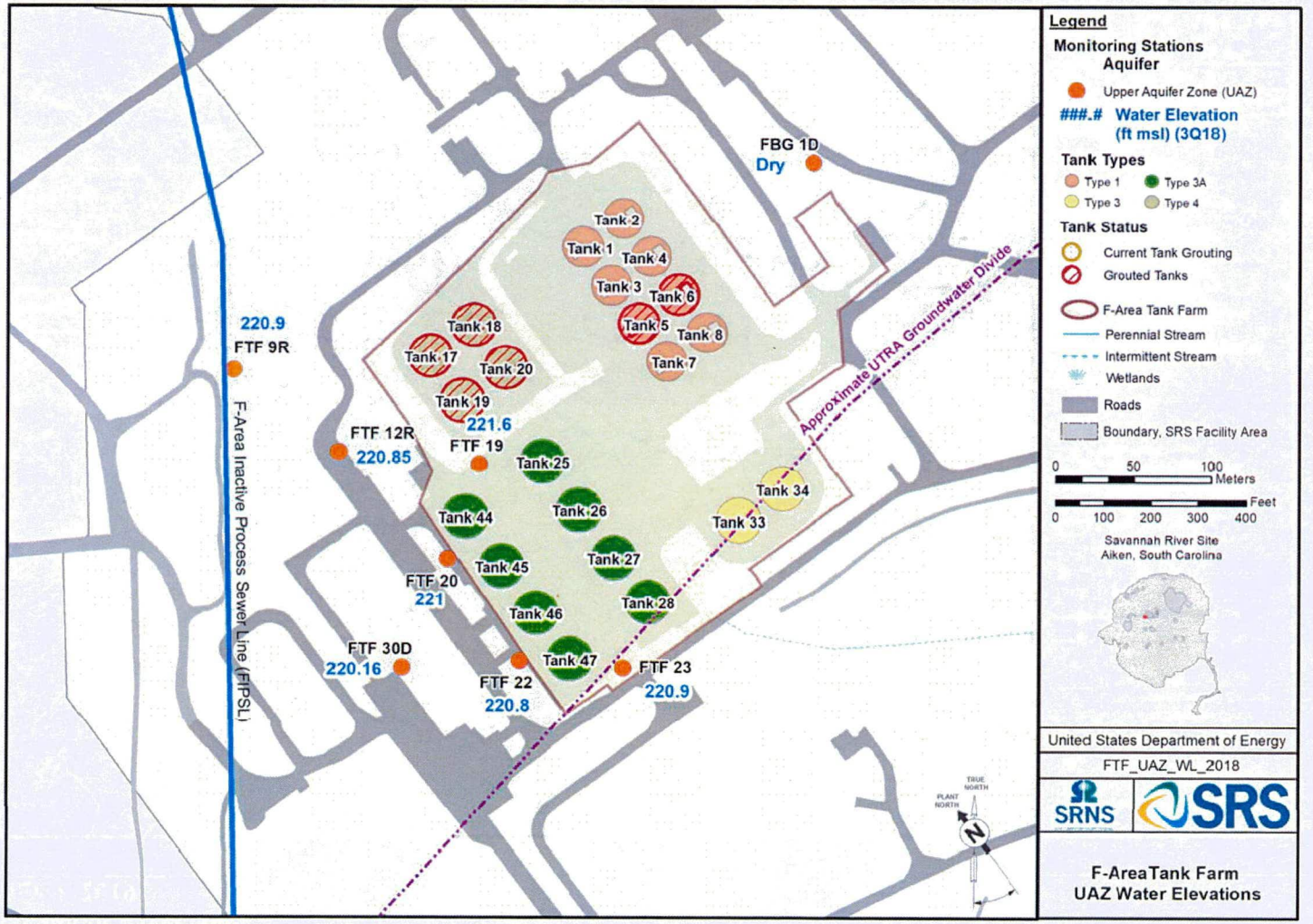

Figure 6. Water Elevation (ft msl) for the UAZ of the UTRA during the Third Quarter of 2018

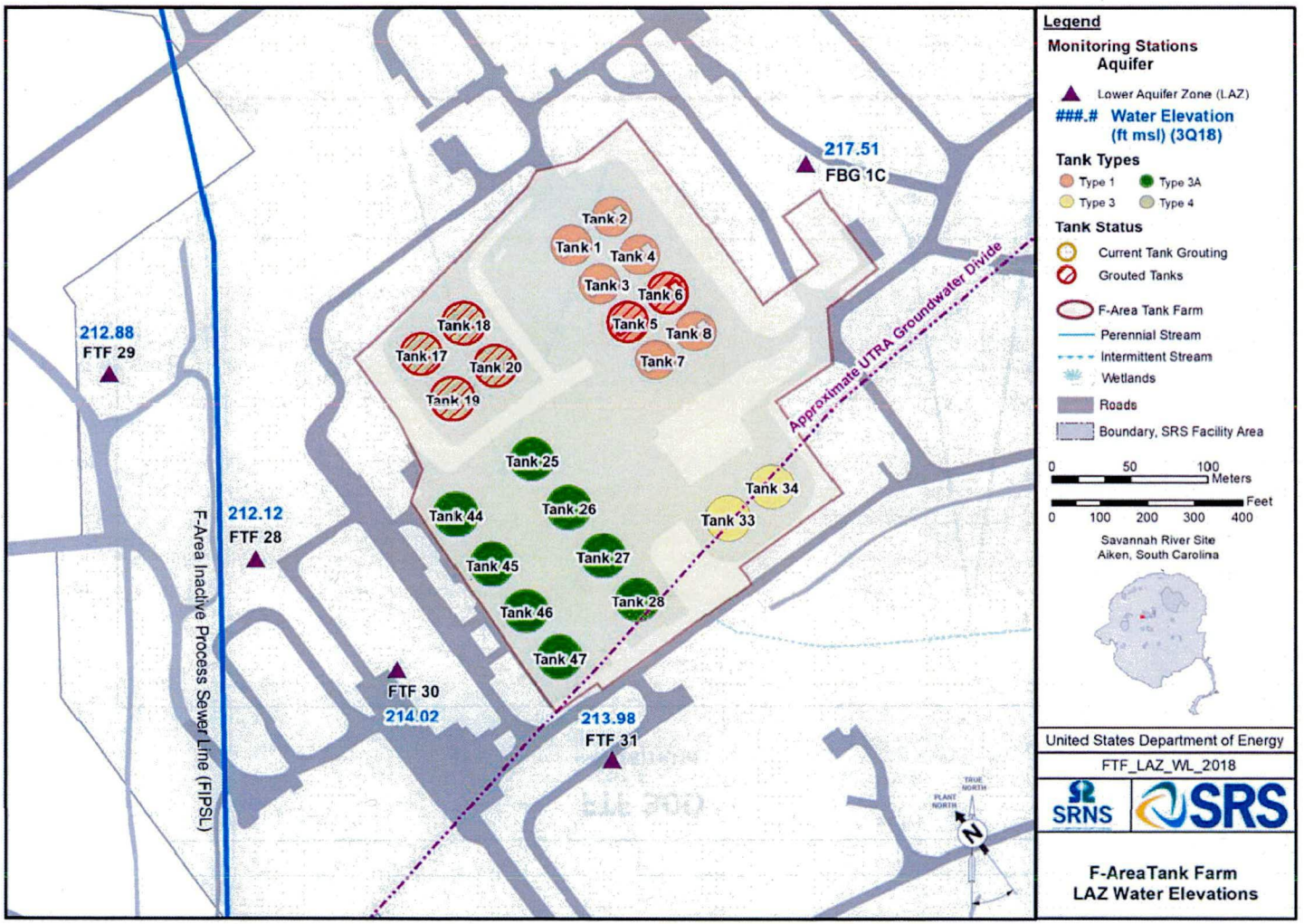

Figure 7. Water Elevation (ft msl) for the LAZ of the UTRA during the Third Quarter of 2018

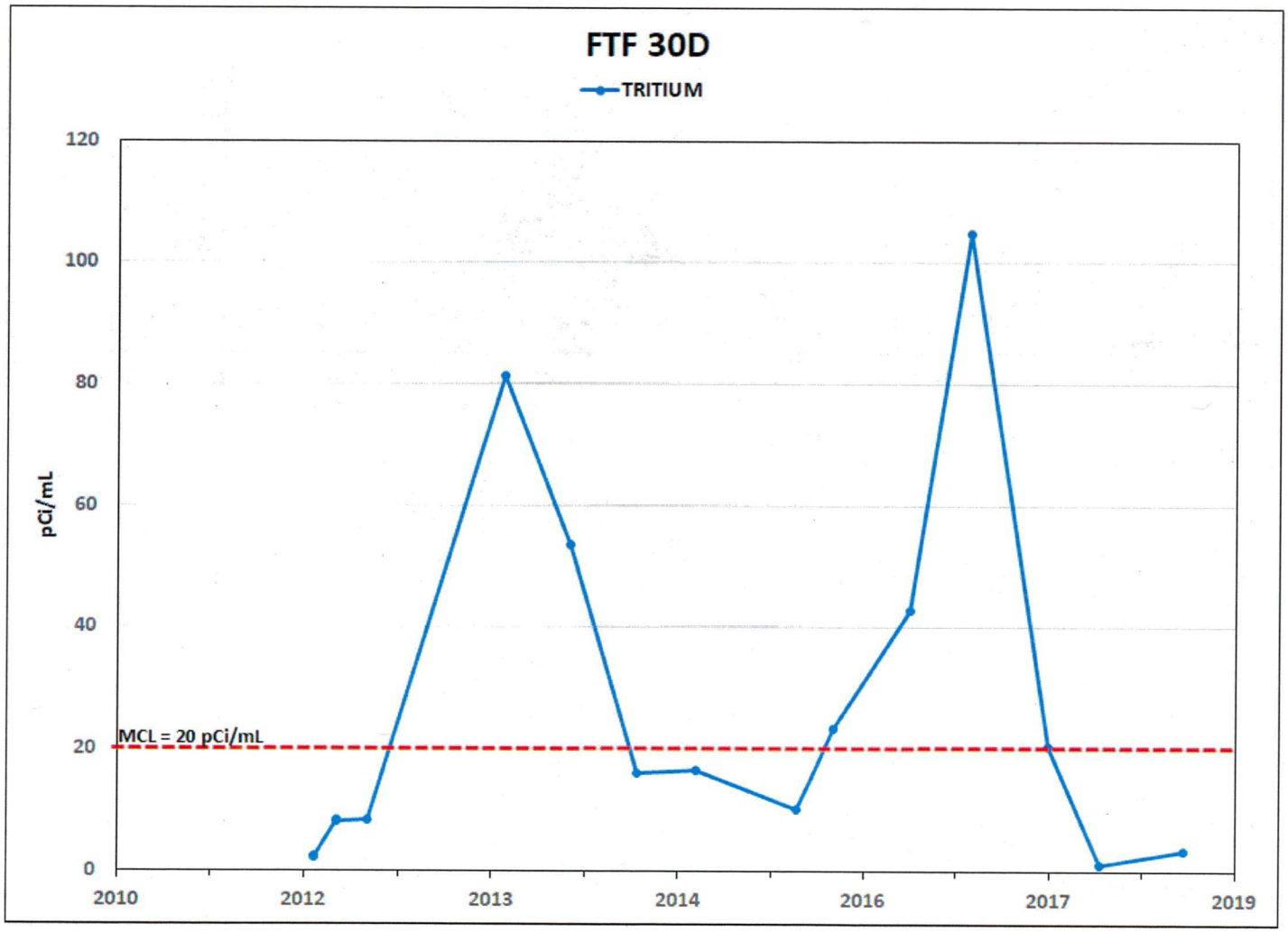

Figure 8. Tritium Results (pCi/mL) for FTF 30D

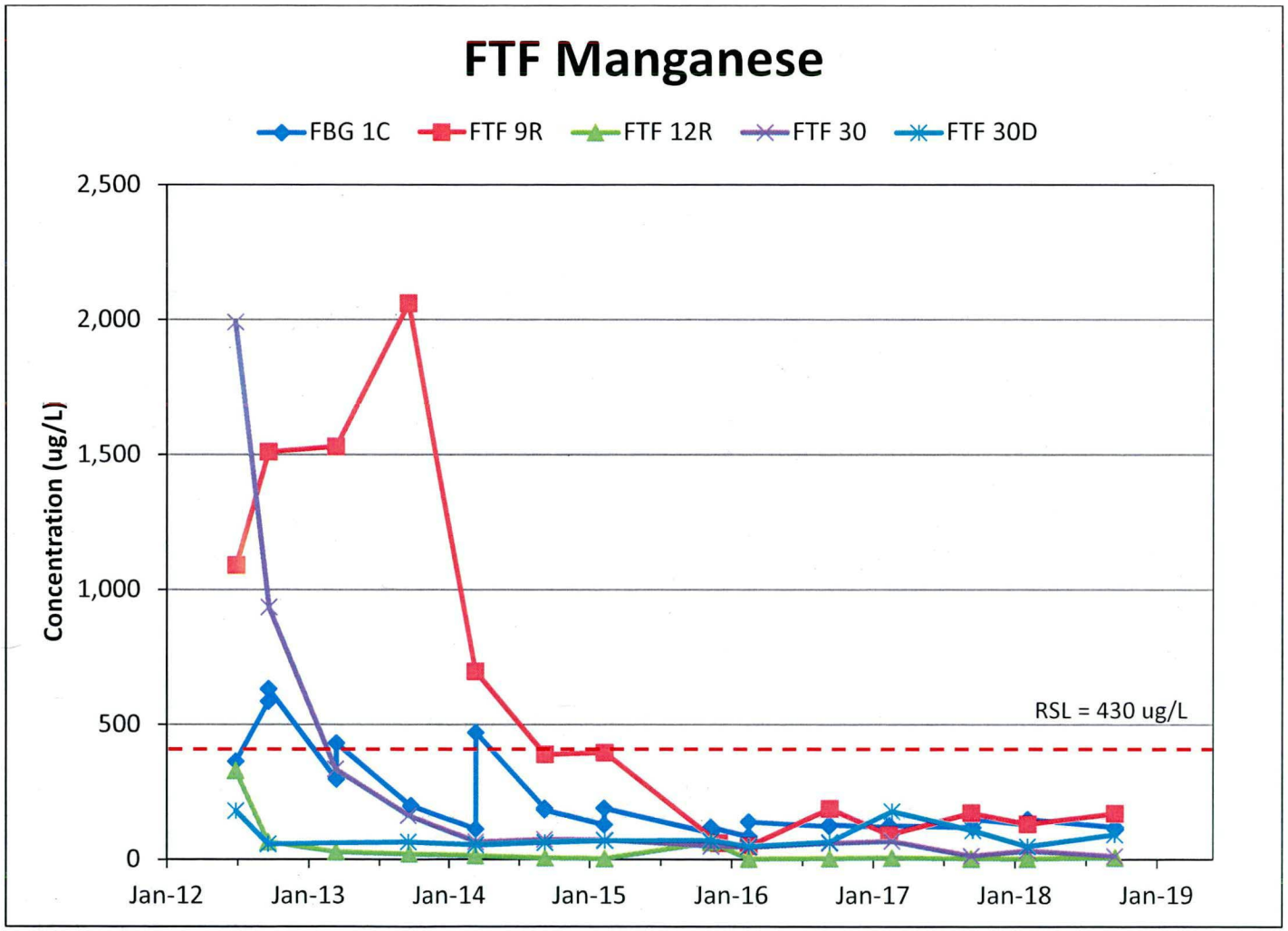

Figure 9. Manganese Concentrations in Wells at F-Tank Farm

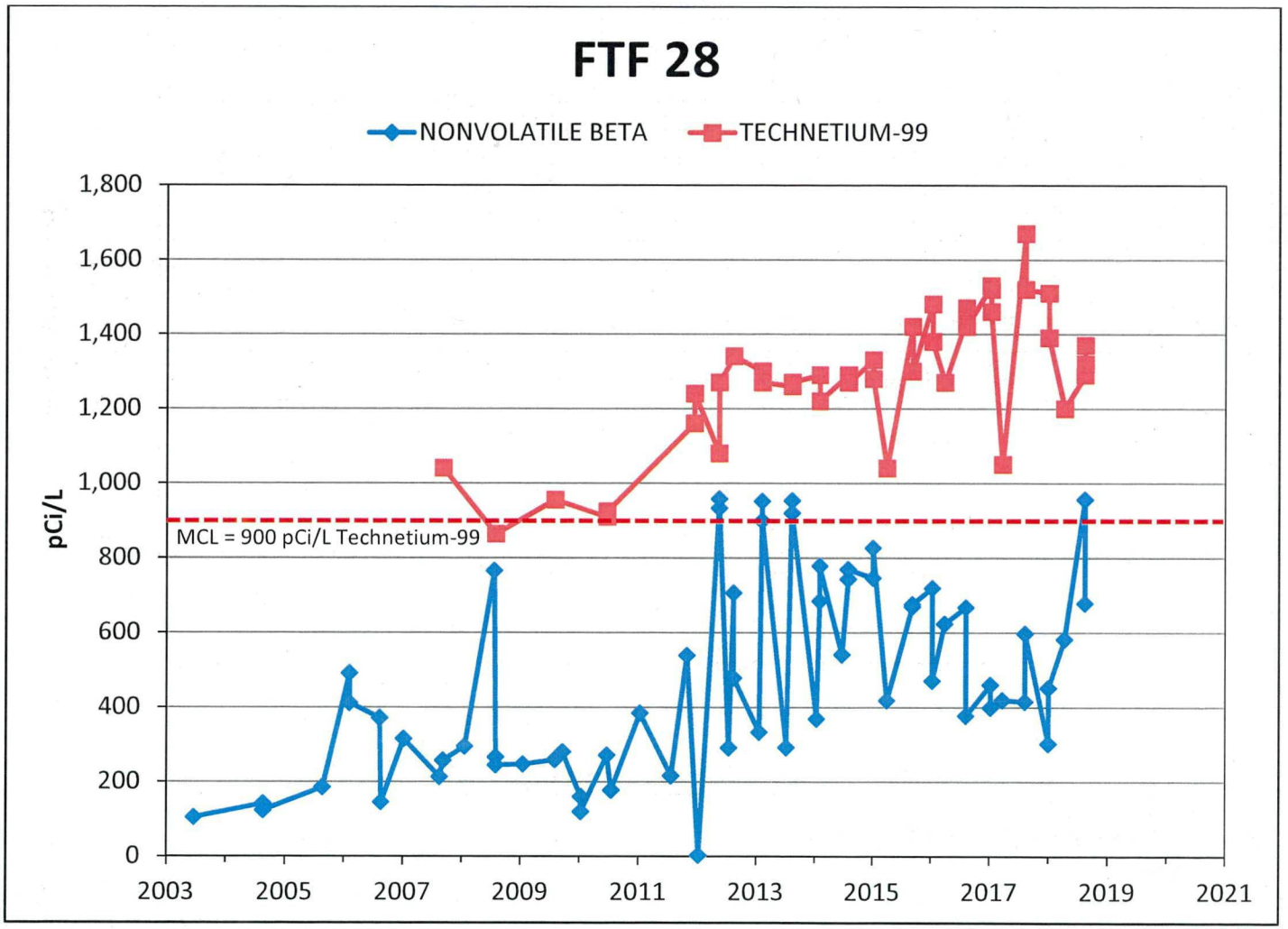

Figure 10. Nonvolatile Beta and Technetium-99 Concentrations for FTF 28

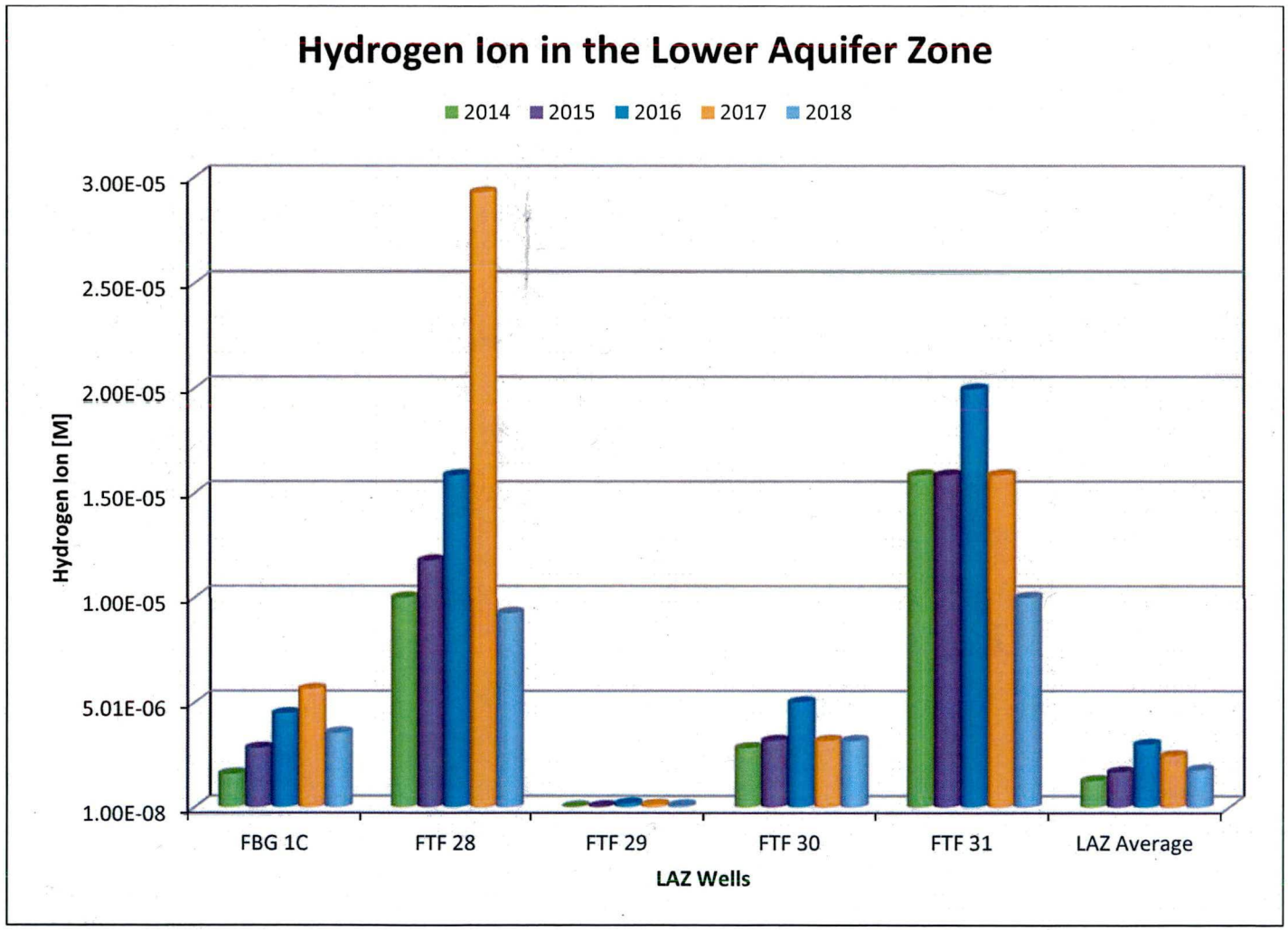

Figure 11. Hydrogen Ion in the LAZ at FTF

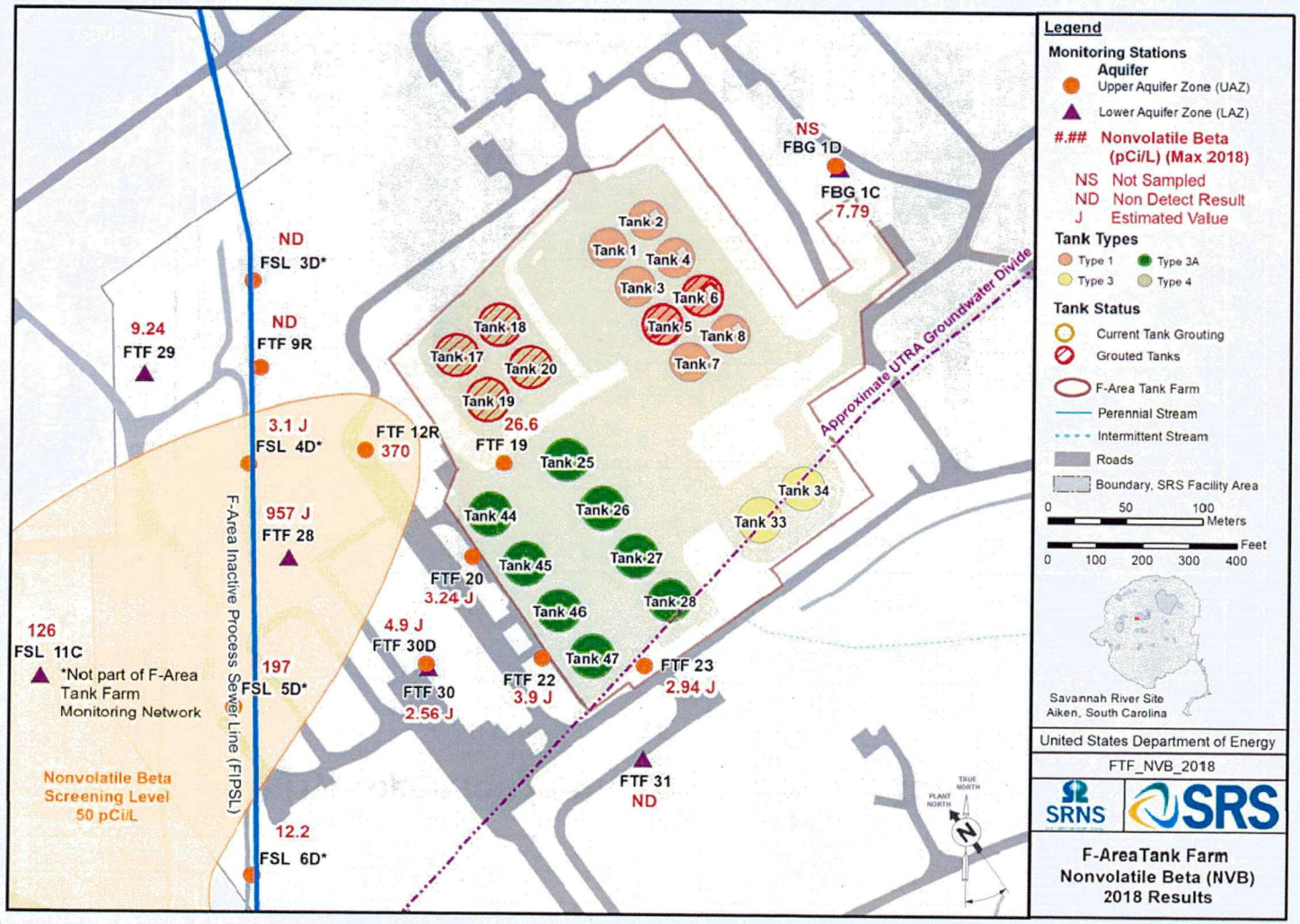

Figure 12. Nonvolatile Beta Results (pCi/L) for the FTF in 2018

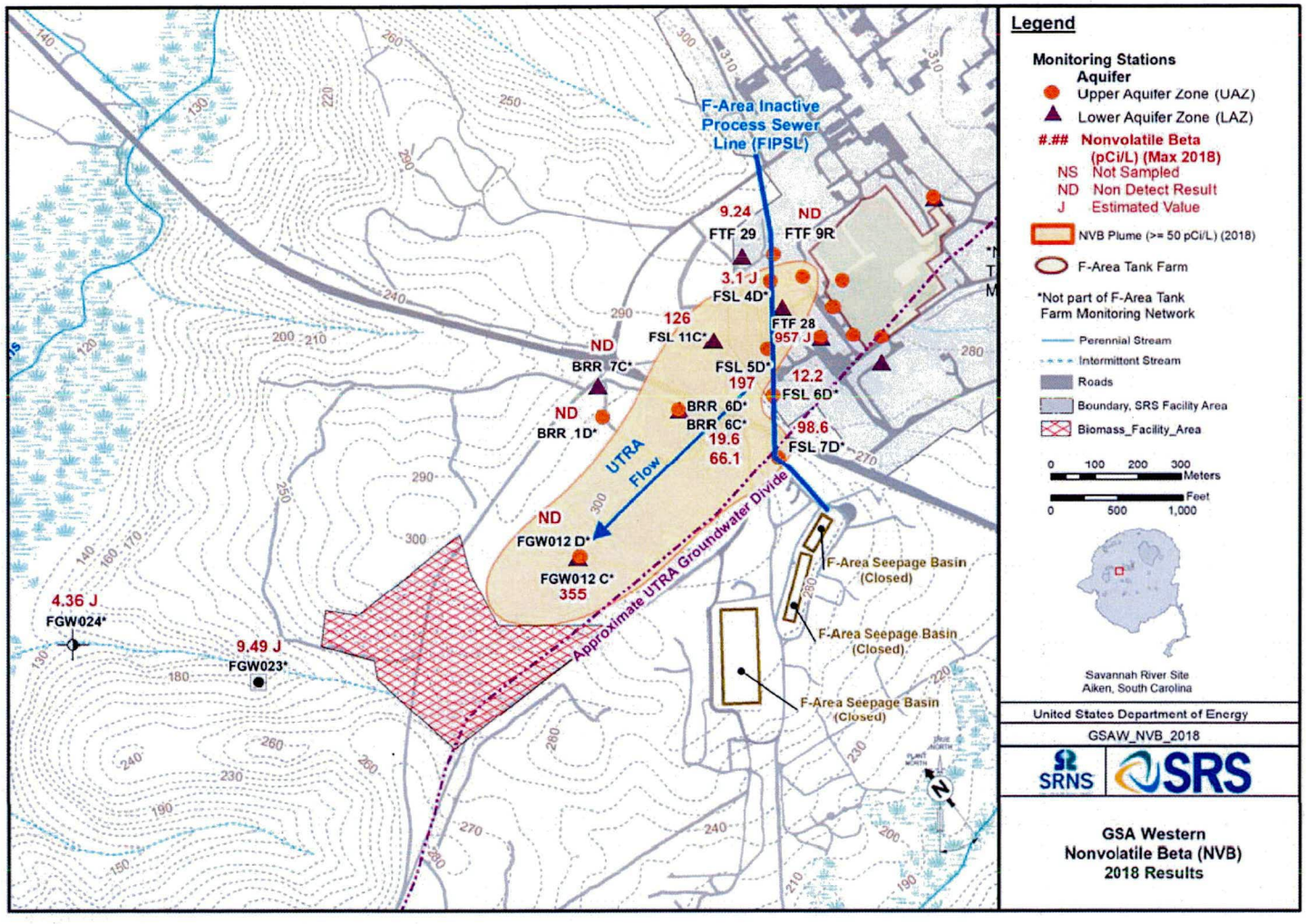

Figure 13. Nonvolatile Beta Results for General Separations Area Western Groundwater Operable Unit

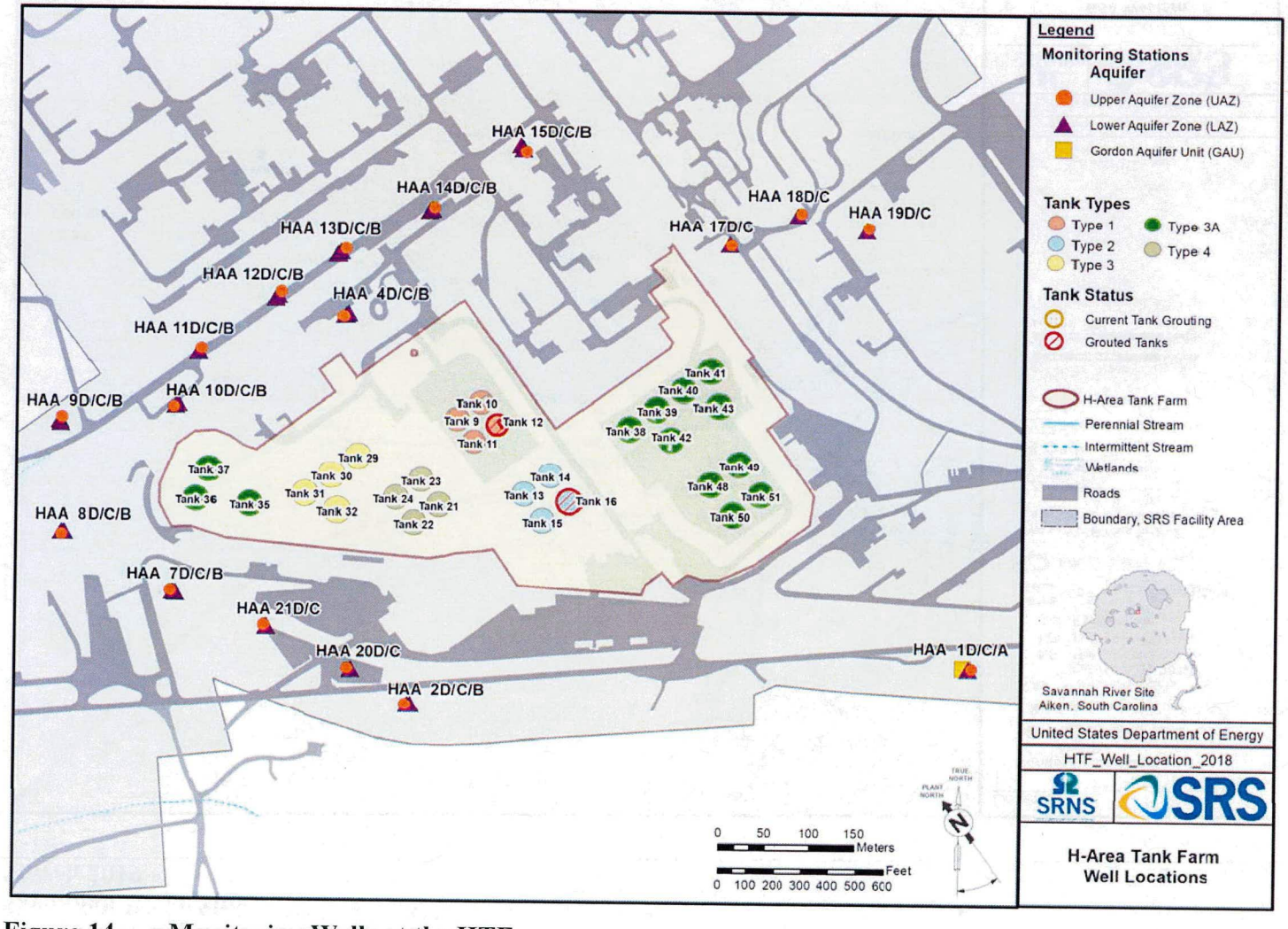

Figure 14. Monitoring Wells at the HTF

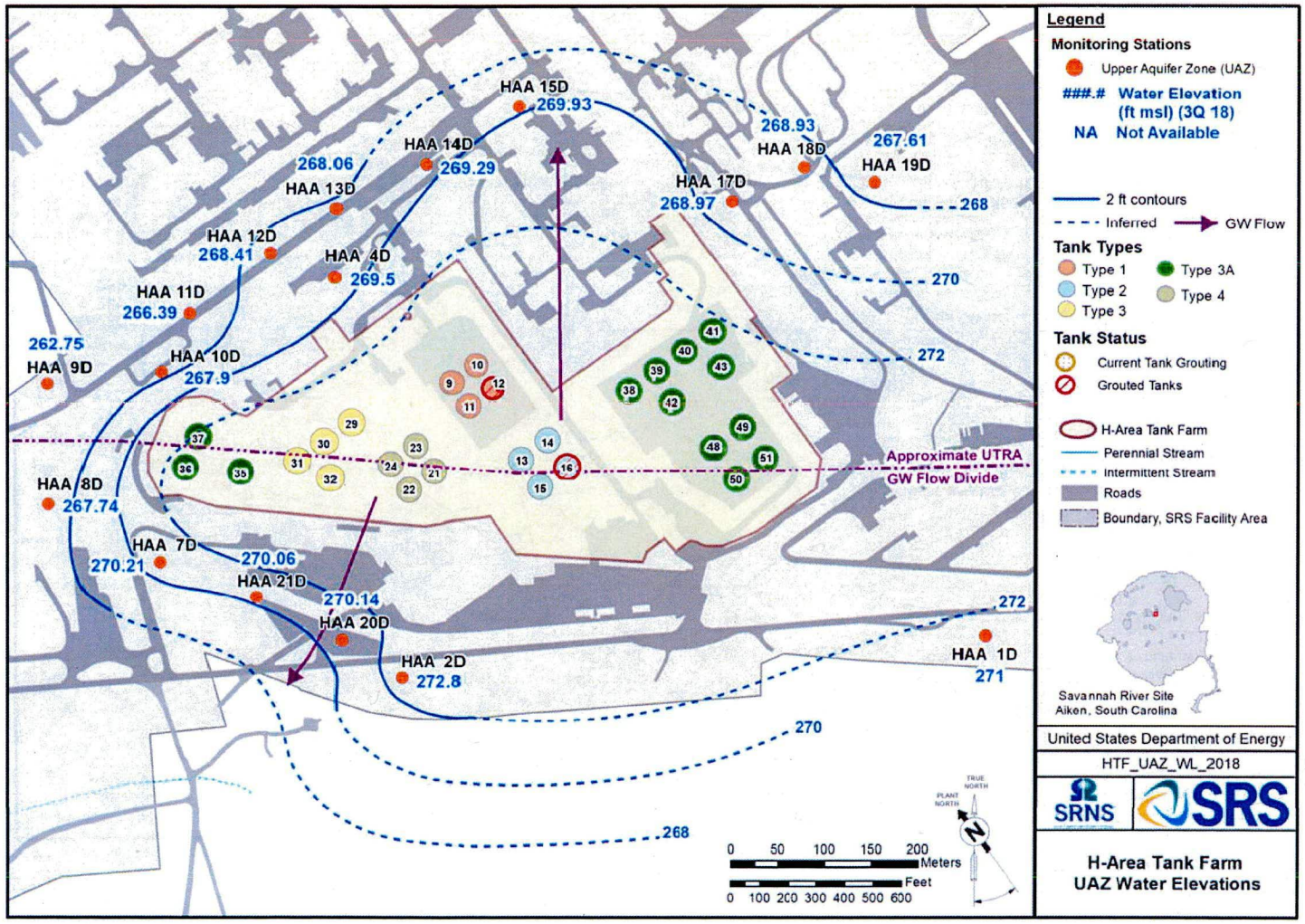

Figure 15. Water Elevation (ft above msl) for the UAZ of the UTRA during the Third Quarter of 2018

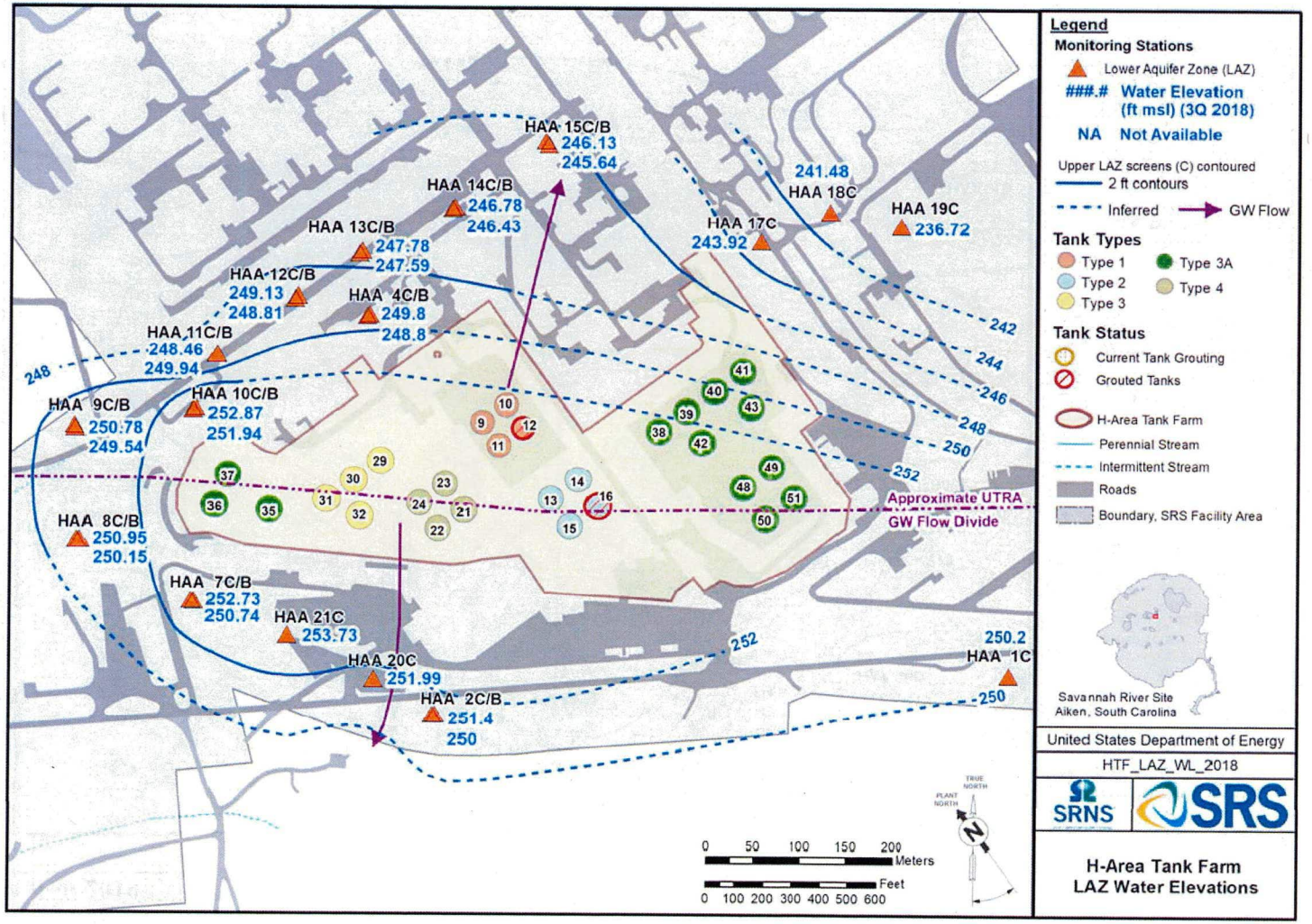

Figure 16. Water Elevation (ft above msl) for the LAZ of the UTRA during the Third Quarter of 2018

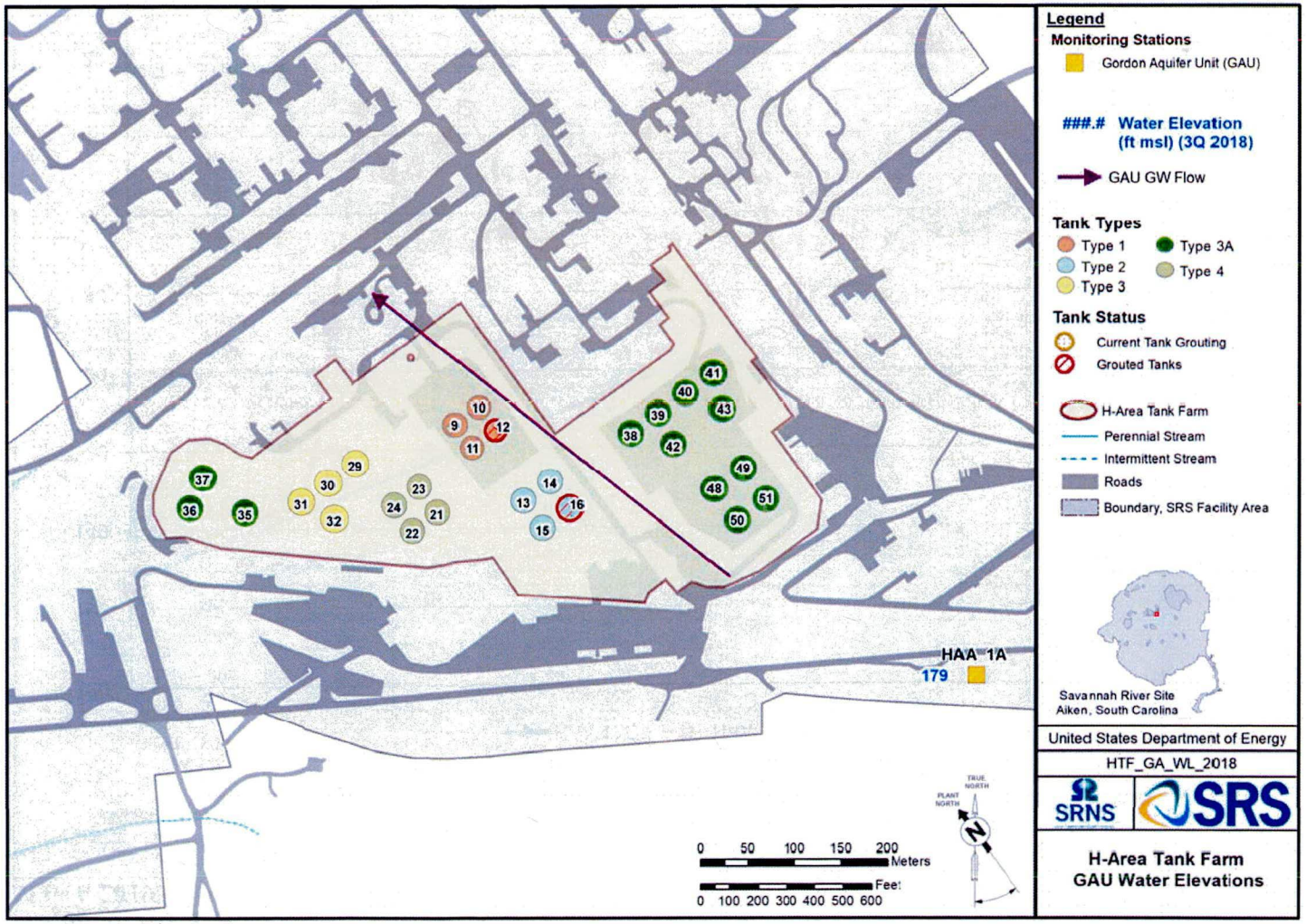

Figure 17. Water Elevation (ft above msl) for the GAU during the Third Quarter of 2018

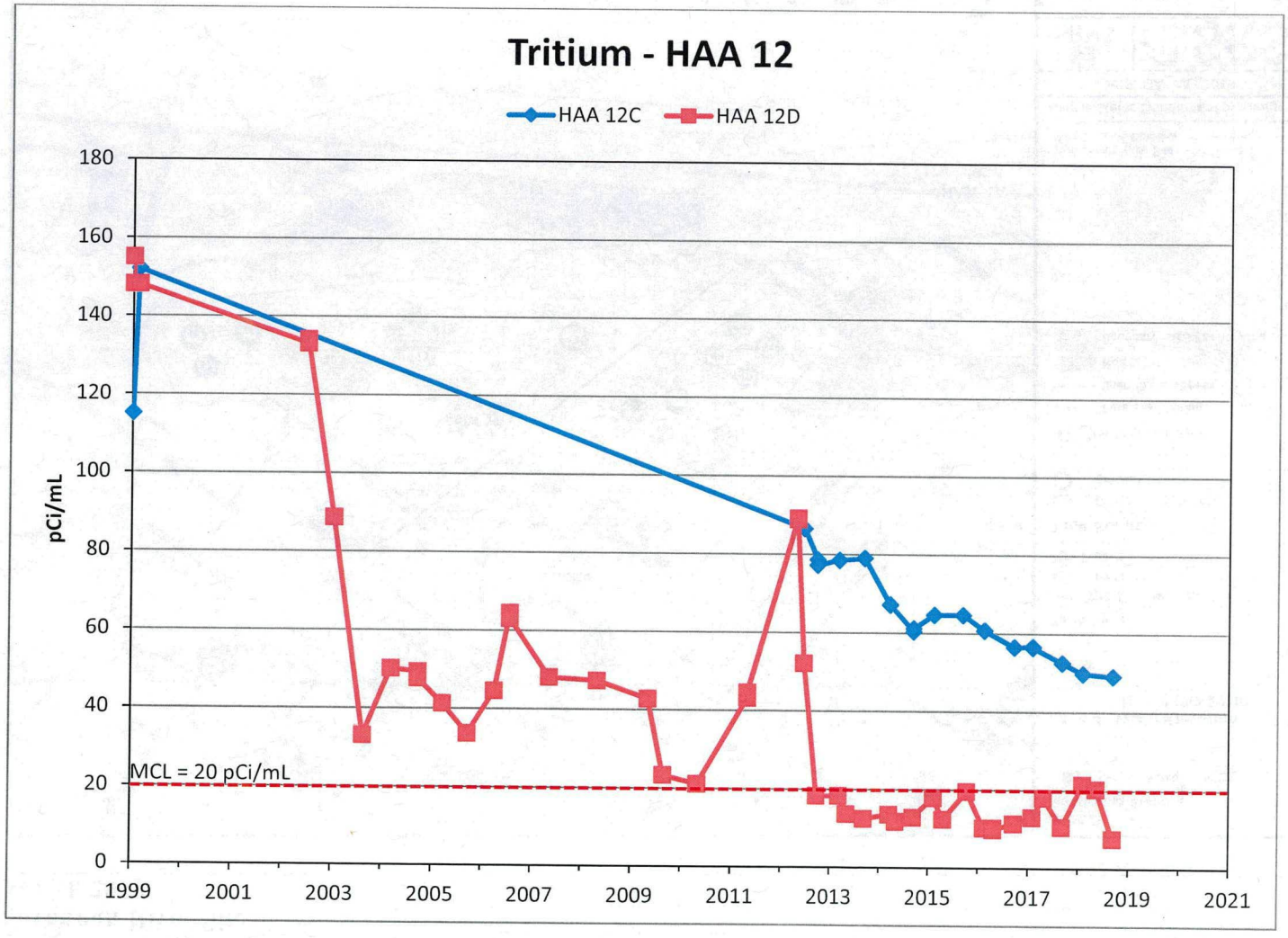

Figure 18. Tritium Results (pCi/mL) for HAA 12 Wells

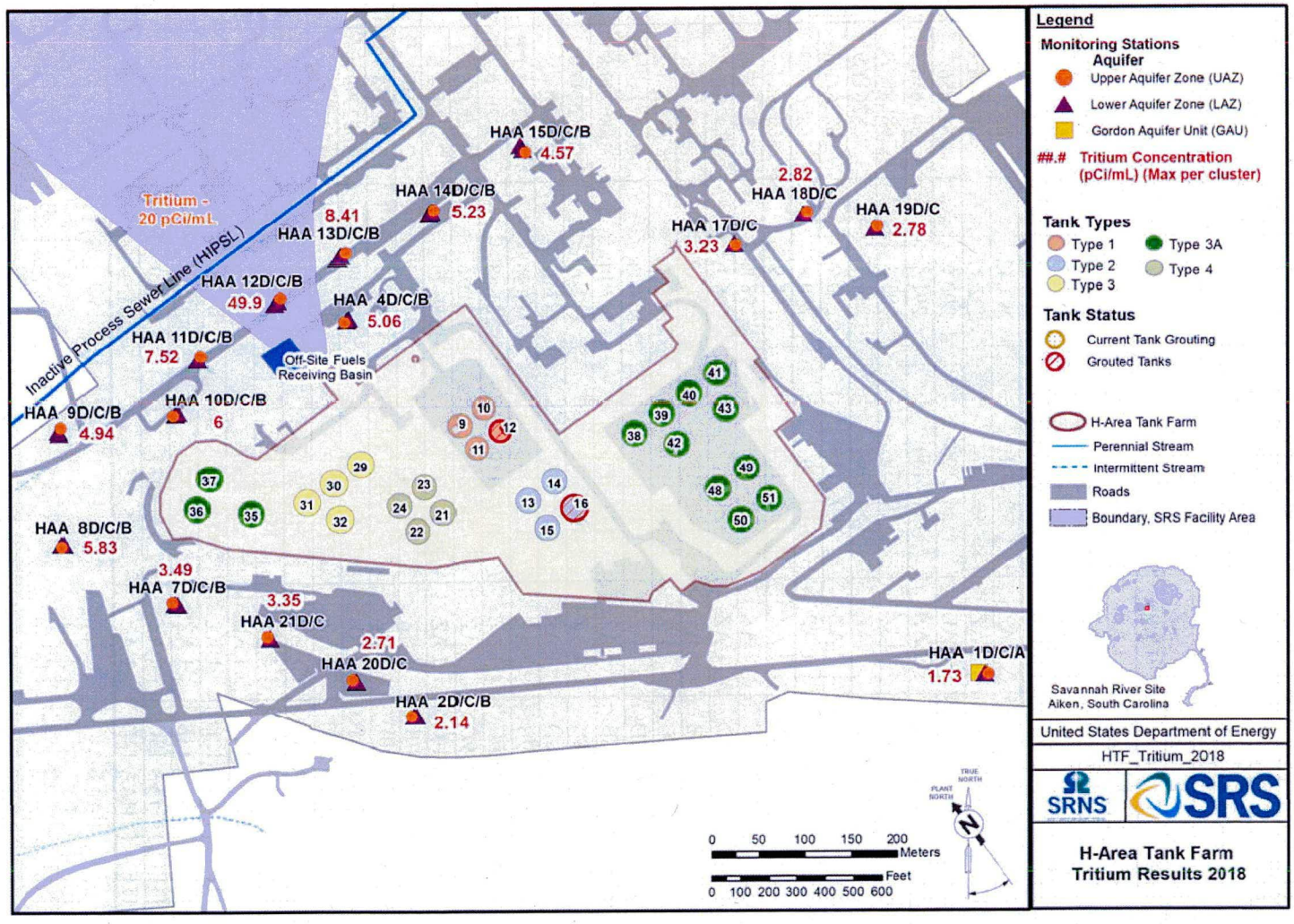

Figure 19. 2018 Tritium Results (pCi/mL) for the UTRA at the HTF

Table 1. Wells Included in the FTF and HTF Groundwater Monitoring Programs

Facility	Well	Aquifer	Screen Depth	Ground Elevation	UTM North	UTM East
			(ft)			
FTF	FBG 1C	LAZ	90 - 105	299.39	3682791.7	437085.5
FTF	FBG 1D	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
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

Table 1. Wells Included in the FTF and HTF Groundwater Monitoring Programs *(Continued/End)*

Facility	Well	Aquifer	Screen Depth	Ground Elevation	UTM North	UTM East
			(ft)			
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
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

Table 2a. Summary of 2018 Monitoring Results for the F-Area Tank Farm

Analyte	Number of Samples[a]	Number of Non-Detects	Number of Results > SQL[b]	Result Average[c]	Result Maximum[d]	MCL/ RSL[e]	Number of Results > MCL/ RSL[e]
Nitrate/Nitrite	29	0	27	3.1 mg/L	7.6 mg/L	10 mg/L	0
Cadmium	28	22	1	0.55 µg/L	0.6 µg/L	5 µg/L	0
Chromium	28	18	1	5.8 µg/L	10.1	100 µg/L	0
Manganese	28	1	25	47.8 µg/L	169 µg/L	430 µg/L	0
Sodium	28	0	25	7,216 µg/L	18,900 µg/L	NA	NA
Gross Alpha	31	20	0	3.6 pCi/L	5.2 J pCi/L	15 pCi/L	0
Nonvolatile Beta	31	11	10	170 pCi/L	957 J pCi/L	50 pCi/L	7[f]
Tritium	30	0	23	2.2 pCi/mL	5.5 pCi/mL	20 pCi/mL	0
Technetium-99	14	3	8	742 pCi/L	1,510 pCi/L	900 pCi/L	5[f]

a. Includes regular, duplicate, and split samples
b. Number of results > SQL and unqualified, SQL = laboratory Sample Quantitation Limit
c. Average of results > laboratory method detection limit
d. Maximum of results > SQL
e. MCL = Maximum Contaminant Level or RSL = Regional Screening Level for drinking water
f. Nonvolatile Beta > MCL at two wells (FTF 28 and FTF 12R), Technetium-99 > MCL at one well (FTF 28)

Table 2b. Summary of Historical Groundwater Monitoring Results for the F-Area Tank Farm (2003 - 2015)

Constituent	Number of Samples[a]	Number of Non-Detects	Number of Results > SQL[b]	Result Range[c]	Result Average[d]	MCL/ RSL[e]	Units	Number of Results > MCL/ RSL[e]
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-26.7 J	2.69	100	µg/L	0
Manganese	100	6	74	U-2,060	190.10	320	µg/L	16
Sodium	159	7	152	U-33,300 J	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. Number of results > SQL and unqualified, SQL = laboratory Sample Quantitation Limit
c. U = non-detect,
J = estimated result
d. Average of results > laboratory method detection limit
e. MCL = Maximum Contaminant Level or RSL = Regional Screening Level for drinking water

Table 3a. Summary of 2018 Monitoring Results for the H-Area Tank Farm

Analyte	Number of Samples[a]	Number of Non-Detects	Number of Results > SQL[b]	Result Average[c]	Result Maximum[d]	MCL/ RSL[e]	Number of Results > MCL/ RSL[e]
Nitrate/Nitrite	110	1	99	1.34 mg/L	34.8 mg/L	10 mg/L	1[f]
Cadmium	100	96	0	0.46 µg/L	0.59 J µg/L	5 µg/L	0
Chromium	100	48	3	5.19 µg/L	10.9 µg/L	100 µg/L	0
Manganese	100	26	47	40 µg/L	484 µg/L	430 µg/L	1[f]
Sodium	100	0	74	3,532 µg/L	26,300 µg/L	NA	NA
Gross Alpha	109	95	0	3.78 pCi/L	6.89 pCi/L	15 pCi/L	0
Nonvolatile Beta	109	86	3	6.23 pCi/L	23.5 pCi/L	50 pCi/L	0
Tritium	107	34	52	4.25 pCi/mL	49.9 pCi/mL	20 pCi/mL	3[f]
Technetium-99	109	94	4	10.8 pCi/L	11.5 pCi/L	900 pCi/L	0

a. Includes regular, duplicate, and split samples
b. Number of results > SQL and unqualified, SQL = laboratory Sample Quantitation Limit
c. Average of results > laboratory method detection limit
d. Maximum of results > SQL
e. MCL = Maximum Contaminant Level or RSL = Regional Screening Level for drinking water
f. Nitrate/Nitrite > MCL at one well (HAA 4D); Manganese > MCL at one well (HAA 10D); Tritium > MCL at two wells (HAA 12C and HAA 12D)

Table 3b. Summary of Historical Groundwater Monitoring Results for the H-Area Tank Farm (2003 – 2015)

Constituent	Number of Samples[a]	Number of Non-Detects	Number of Results > SQL[b]	Result Range[c]	Result Average[d]	MCL/ RSL[e]	Units	Number of Results > MCL/ RSL[e]
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. Number of results > SQL and unqualified, SQL = laboratory Sample Quantitation Limit
c. U = non-detect
d. Average of results > laboratory method detection limit
e. MCL = Maximum Contaminant Level or RSL = Regional Screening Level for drinking water

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ATTACHMENT A

2018 Sample Results for F-Area Tank Farm

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Data Qualification

The qualifiers used when validating analytical data are listed in the following table. Qualifiers are given in order of "usability," i.e., lower ones supersede higher ones as validation functions are applied. Not every qualifier is currently used but may be used in the future.

USEPA Functional Guideline Qualifiers	
Qualifier	**Description**
[null]	Data not remarked. The detected analyte result is acceptable for use as reported.
J	The detected analyte was positively identified but the result is approximate.
NJ	The detected analyte was only tentatively identified, and the result is approximate.
U	The analyte was analyzed for, but not detected. The SQL is valid unless blank contamination is indicated.
UJ	The analyte was analyzed for, but not detected. The SQL is approximate and may be inaccurate or imprecise.
R	The sample result is rejected as unusable due to serious deficiencies in meeting quality control criteria. The analyte may be present or absent.

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Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF 28	9/18/2018	ACTINIUM-228	24[b]	16.5	pCi/L	U	U	17.9	34.4
FTF012R	9/19/2018	ACTINIUM-228	24[b]	5.98	pCi/L	U	U	14.5	28.7
FTF 28	2/6/2018	ACTINIUM-228	24[b]	3.2	pCi/L	U	U	10.5	26.2
FTF012R	2/6/2018	ACTINIUM-228	24[b]	2.83	pCi/L	U	U	8.26	17.4
FTF 28	9/18/2018	ACTINIUM-228	24[b]	1.66	pCi/L	U	U	8.79	29.2
FTF 28	2/6/2018	ACTINIUM-228	24[b]	-5.35	pCi/L	U	U	11	25.4
FTF012R	2/6/2018	ACTINIUM-228	24[b]	-6.3	pCi/L	U	U	10.8	25.9
FTF 28	9/18/2018	ACTINIUM-228	24[b]	-8.06	pCi/L	U	U	10.2	27.6
FTF012R	9/19/2018	AMERICIUM-241	15	0.0602	pCi/L	U	U	0.164	0.4
FTF012R	2/6/2018	AMERICIUM-241	15	0.0489	pCi/L	U	U	0.085	0.226
FTF012R	9/19/2018	AMERICIUM-241	15	0.0112	pCi/L	U	U	0.278	0.542
FTF012R	2/6/2018	AMERICIUM-241	15	-0.0135	pCi/L	U	U	0.115	0.197
FTF012R	2/6/2018	AMERICIUM-243	15	0.0122	pCi/L	U	U	0.107	0.216
FTF012R	9/19/2018	AMERICIUM-243	15	-0.0212	pCi/L	U	U	0.46	0.856
FTF012R	2/6/2018	AMERICIUM-243	15	-0.024	pCi/L	U	U	0.14	0.231
FTF012R	9/19/2018	AMERICIUM-243	15	-0.0814	pCi/L	U	U	0.504	0.874
FTF 28	2/6/2018	BISMUTH-214		104	pCi/L			4.85	23.8
FTF012R	2/6/2018	BISMUTH-214		104	pCi/L			4.35	23
FTF012R	2/6/2018	BISMUTH-214		104	pCi/L			3.75	18.6
FTF 28	2/6/2018	BISMUTH-214		102	pCi/L			4.46	21.8
FTF012R	9/19/2018	BISMUTH-214		18.6	pCi/L	J	J	6.73	25.7
FTF 28	9/18/2018	BISMUTH-214		7.92	pCi/L	J	J	4	15.2
FTF 28	9/18/2018	BISMUTH-214		5.45	pCi/L	U	U	9.36	24.4
FTF 28	9/18/2018	BISMUTH-214		4.42	pCi/L	R	R	3.93	14.9
FTF 19	2/5/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 19	9/18/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 20	2/5/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 20	9/18/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 22	2/5/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 22	9/19/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 23	2/5/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 23	9/19/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 28	2/6/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 28	2/6/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 28	9/18/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 28	9/18/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 29	2/6/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF 29	9/18/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF009R	2/6/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF012R	2/6/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF012R	9/19/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF030	2/5/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF030	9/18/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF030D	9/18/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF031	2/5/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FTF031	9/19/2018	CADMIUM	5	1	ug/L	U	U	0.3	1
FBG001C	2/6/2018	CADMIUM	5	0.605	ug/L	J	J	0.3	1
FBG001C	2/6/2018	CADMIUM	5	0.55	ug/L			0.2	0.5
FBG001C	9/20/2018	CADMIUM	5	0.48	ug/L	J	J	0.2	0.5
FBG001C	9/20/2018	CADMIUM	5	0.44	ug/L	J	J	0.3	1
FTF030D	2/6/2018	CADMIUM	5	0.33	ug/L	J	J	0.3	1
FTF009R	9/18/2018	CADMIUM	5	0.329	ug/L	J	J	0.3	1
FTF012R	2/6/2018	CARBON-14	2000	3.12	pCi/L	U	U	7.74	16.9
FTF012R	2/6/2018	CARBON-14	2000	2.45	pCi/L	U	U	7.79	17
FTF 28	9/18/2018	CARBON-14	2000	-1.02	pCi/L	U	U	6.99	15.1
FTF 28	9/18/2018	CARBON-14	2000	-1.46	pCi/L	U	U	7	15.1
FTF 28	2/6/2018	CARBON-14	2000	-1.95	pCi/L	U	U	7.59	16.4
FTF 28	2/6/2018	CARBON-14	2000	-2.27	pCi/L	U	U	7.65	16.5
FTF012R	9/19/2018	CARBON-14	2000	-4.06	pCi/L	U	U	7.18	15.3
FTF012R	9/19/2018	CESIUM-137	200	1.23	pCi/L	U	U	3.94	7.94
FTF012R	2/6/2018	CESIUM-137	200	0.557	pCi/L	U	U	2.03	5.13
FTF 28	9/18/2018	CESIUM-137	200	0.362	pCi/L	U	U	1.99	4.19
FTF 28	2/6/2018	CESIUM-137	200	0.142	pCi/L	U	U	2.28	5.06
FTF 28	9/18/2018	CESIUM-137	200	0.0773	pCi/L	U	U	3.31	6.79
FTF 28	9/18/2018	CESIUM-137	200	-0.202	pCi/L	U	U	2.25	4.89
FTF012R	2/6/2018	CESIUM-137	200	-0.268	pCi/L	U	U	2.44	5.26
FTF 28	2/6/2018	CESIUM-137	200	-0.518	pCi/L	U	U	2.25	5.27
FTF012R	2/6/2018	CHROMIUM	100	10.1	ug/L			3	10
FBG001C	9/20/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FBG001C	9/20/2018	CHROMIUM	100	10	ug/L	U	U	4	10
FTF 19	2/5/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 19	9/18/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 20	9/18/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 22	9/19/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 23	9/19/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 28	2/6/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 28	2/6/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 28	9/18/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 28	9/18/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 29	2/6/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF 29	9/18/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF009R	2/6/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF009R	9/18/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF030	9/18/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FTF030D	9/18/2018	CHROMIUM	100	10	ug/L	U	U	3	10

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF031	9/19/2018	CHROMIUM	100	10	ug/L	U	U	3	10
FBG001C	2/6/2018	CHROMIUM	100	9.36	ug/L	J	J	3	10
FTF012R	9/19/2018	CHROMIUM	100	8.88	ug/L	J	J	3	10
FBG001C	2/6/2018	CHROMIUM	100	7.2	ug/L	J	J	4	10
FTF031	2/5/2018	CHROMIUM	100	4.62	ug/L	J	J	3	10
FTF030	2/5/2018	CHROMIUM	100	4.15	ug/L	J	J	3	10
FTF 20	2/5/2018	CHROMIUM	100	3.49	ug/L	J	J	3	10
FTF 22	2/5/2018	CHROMIUM	100	3.42	ug/L	J	J	3	10
FTF030D	2/6/2018	CHROMIUM	100	3.28	ug/L	J	J	3	10
FTF 23	2/5/2018	CHROMIUM	100	3.03	ug/L	J	J	3	10
FTF 28	2/6/2018	COBALT-60	100	4.26	pCi/L	R	R	2.65	6.91
FTF 28	9/18/2018	COBALT-60	100	1.25	pCi/L	U	U	3.82	7.36
FTF 28	9/18/2018	COBALT-60	100	0.481	pCi/L	U	U	2.47	5.09
FTF 28	9/18/2018	COBALT-60	100	0.464	pCi/L	U	U	2.38	4.9
FTF012R	9/19/2018	COBALT-60	100	0.438	pCi/L	U	U	3.54	7
FTF012R	2/6/2018	COBALT-60	100	0.296	pCi/L	U	U	2.17	4.47
FTF012R	2/6/2018	COBALT-60	100	-0.229	pCi/L	U	U	2.38	4.98
FTF 28	2/6/2018	COBALT-60	100	-0.323	pCi/L	U	U	2.23	4.63
FTF012R	2/6/2018	CURIUM-242	15	0	pCi/L	U	U	0.0478	0.112
FTF012R	9/19/2018	CURIUM-242	15	0	pCi/L	U	U	0.187	0.439
FTF012R	2/6/2018	CURIUM-242	15	-0.00501	pCi/L	U	U	0.1	0.186
FTF012R	9/19/2018	CURIUM-242	15	-0.0273	pCi/L	U	U	0.315	0.557
FTF012R	9/19/2018	CURIUM-243/244	15	0.0159	pCi/L	U	U	0.17	0.347
FTF012R	2/6/2018	CURIUM-243/244	15	0.00979	pCi/L	U	U	0.129	0.255
FTF012R	2/6/2018	CURIUM-243/244	15	-0.0126	pCi/L	U	U	0.144	0.258
FTF012R	9/19/2018	CURIUM-243/244	15	-0.0567	pCi/L	U	U	0.262	0.422
FTF012R	2/6/2018	CURIUM-245/246	15	0.0134	pCi/L	U	U	0.0848	0.186
FTF012R	2/6/2018	CURIUM-245/246	15	0	pCi/L	U	U	0.0696	0.163
FTF012R	9/19/2018	CURIUM-245/246	15	0	pCi/L	U	U	0.202	0.474
FTF012R	9/19/2018	CURIUM-245/246	15	0	pCi/L	U	U	0.185	0.433
FTF 22	9/19/2018	GROSS ALPHA	15	5.15	pCi/L	J	J	2.58	6.88
FTF 20	2/5/2018	GROSS ALPHA	15	4.62	pCi/L	J	J	2.54	8.41
FTF 19	2/5/2018	GROSS ALPHA	15	4.23	pCi/L	J	J	2.58	8.26
FTF 19	9/18/2018	GROSS ALPHA	15	4.06	pCi/L	J	J	2.29	6.59
FTF 20	9/18/2018	GROSS ALPHA	15	4.03	pCi/L	J	J	2.7	6.98
FTF 19	9/18/2018	GROSS ALPHA	15	3.93	pCi/L	J	J	2.22	6.38
FTF 28	9/18/2018	GROSS ALPHA	15	3.56	pCi/L	J	J	2.24	8.62
FTF 23	9/19/2018	GROSS ALPHA	15	2.97	pCi/L	J	J	2.07	5.59
FTF 23	2/5/2018	GROSS ALPHA	15	2.86	pCi/L	J	J	2.47	7.15
FTF012R	9/19/2018	GROSS ALPHA	15	2.51	pCi/L	U	U	2.9	7.02
FBG001C	2/6/2018	GROSS ALPHA	15	2.49	pCi/L	J	J	1.02	2.896
FTF030D	9/18/2018	GROSS ALPHA	15	2.38	pCi/L	U	U	2.56	6.06
FBG001C	2/6/2018	GROSS ALPHA	15	1.93	pCi/L	U	U	2.52	6.58
FTF012R	2/6/2018	GROSS ALPHA	15	1.61	pCi/L	U	U	2.55	5.89
FTF 29	9/18/2018	GROSS ALPHA	15	1.58	pCi/L	U	U	2.84	6.3
FTF 28	9/18/2018	GROSS ALPHA	15	1.48	pCi/L	U	U	2.2	5.96
FTF031	9/19/2018	GROSS ALPHA	15	1.42	pCi/L	U	U	2.38	5.36
FBG001C	9/20/2018	GROSS ALPHA	15	1.19	pCi/L	J	J	1.17	2.79
FBG001C	9/20/2018	GROSS ALPHA	15	1.12	pCi/L	U	U	2.27	5.05
FTF009R	2/6/2018	GROSS ALPHA	15	1.1	pCi/L	U	U	2.45	5.71
FTF 22	2/5/2018	GROSS ALPHA	15	0.829	pCi/L	U	U	2.54	5.53
FTF 29	2/6/2018	GROSS ALPHA	15	0.766	pCi/L	U	U	2.7	5.85
FTF030	2/5/2018	GROSS ALPHA	15	0.738	pCi/L	U	U	2.54	5.51
FTF012R	2/6/2018	GROSS ALPHA	15	0.529	pCi/L	U	U	2.59	5.47
FTF 28	2/6/2018	GROSS ALPHA	15	0.26	pCi/L	U	U	2.15	4.37
FTF030	2/5/2018	GROSS ALPHA	15	-0.0718	pCi/L	U	U	2.53	4.42
FTF030D	2/6/2018	GROSS ALPHA	15	-0.0719	pCi/L	U	U	2.52	4.41
FTF009R	9/18/2018	GROSS ALPHA	15	-0.133	pCi/L	U	U	2.32	4.36
FTF030	9/18/2018	GROSS ALPHA	15	-0.349	pCi/L	U	U	2.48	4.66
FTF031	2/5/2018	GROSS ALPHA	15	-0.41	pCi/L	U	U	2.41	3.01
FTF 28	2/6/2018	GROSS ALPHA	15	-0.589	pCi/L	U	U	2.64	5.08
FTF012R	**9/19/2018**	**IODINE-129**	**1**	**1.43**	**pCi/L**	**J**	**J**	**1.02**	**3**
FTF 22	9/19/2018	IODINE-129	1	1.27	pCi/L	U	U	1.22	3.82
FTF012R	**2/6/2018**	**IODINE-129**	**1**	**1.12**	**pCi/L**	**J**	**J**	**0.473**	**1.57**
FTF012R	9/19/2018	IODINE-129	1	0.908	pCi/L	U	U	1.12	2.85
FTF030	2/5/2018	IODINE-129	1	0.748	pCi/L	U	U	1.11	2.51
FTF031	2/5/2018	IODINE-129	1	0.65	pCi/L	U	U	1.12	2.6
FTF009R	2/6/2018	IODINE-129	1	0.534	pCi/L	U	U	1.24	4.11
FTF 19	9/18/2018	IODINE-129	1	0.525	pCi/L	U	U	1.23	4.06
FTF 22	2/5/2018	IODINE-129	1	0.502	pCi/L	U	U	1.03	2.18
FTF030D	9/18/2018	IODINE-129	1	0.44	pCi/L	U	U	1.13	2.42
FTF 20	9/18/2018	IODINE-129	1	0.398	pCi/L	U	U	1.27	4.27
FTF 19	2/5/2018	IODINE-129	1	0.393	pCi/L	U	U	1.1	2.53
FTF 29	9/18/2018	IODINE-129	1	0.379	pCi/L	U	U	1.25	4.19
FTF 29	2/6/2018	IODINE-129	1	0.362	pCi/L	U	U	1.25	4.17
FTF 23	2/5/2018	IODINE-129	1	0.299	pCi/L	U	U	1.1	2.5
FTF030D	2/6/2018	IODINE-129	1	0.278	pCi/L	U	U	1.18	3.96
FBG001C	9/20/2018	IODINE-129	1	0.222	pCi/L	U	UJ	0.596	1.302
FBG001C	9/20/2018	IODINE-129	1	0.216	pCi/L	U	UJ	0.561	1.233
FTF030	9/18/2018	IODINE-129	1	-0.00328	pCi/L	U	U	1.09	2.37
FTF 28	2/6/2018	IODINE-129	1	-0.0208	pCi/L	U	U	0.724	1.54
FTF 20	2/5/2018	IODINE-129	1	-0.0645	pCi/L	U	U	1.05	2.28
FTF009R	9/18/2018	IODINE-129	1	-0.085	pCi/L	U	U	1.22	4.22
FTF 19	9/18/2018	IODINE-129	1	-0.117	pCi/L	U	U	1.23	4.25
FTF 28	9/18/2018	IODINE-129	1	-0.17	pCi/L	U	U	1.34	4.67

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF 28	2/6/2018	IODINE-129	1	-0.174	pCi/L	U	U	0.656	1.44
FTF 29	2/6/2018	IODINE-129	1	-0.212	pCi/L	U	U	1.21	4.27
FBG001C	9/20/2018	IODINE-129	1	-0.28	pCi/L	U	U	1.22	4.26
FBG001C	2/6/2018	IODINE-129	1	-0.298	pCi/L	U	U	1.21	4.22
FTF031	9/19/2018	IODINE-129	1	-0.346	pCi/L	U	U	0.974	2.15
FTF 23	9/19/2018	IODINE-129	1	-0.878	pCi/L	U	U	1.16	4.25
FTF 28	9/18/2018	IODINE-129	1	-1.02	pCi/L	U	U	1.27	4.62
FBG001C	2/6/2018	IODINE-129	1	-1.97	pCi/L	U	UJ	3.68	7.88
FTF 28	9/18/2018	LEAD-212	1.8[b]	3.79	pCi/L	U	U	4.09	14.6
FTF 28	9/18/2018	LEAD-212	1.8[b]	3.12	pCi/L	U	U	6.51	22.4
FTF012R	2/6/2018	LEAD-212	1.8[b]	3.01	pCi/L	U	U	4.15	11.7
FTF 28	2/6/2018	LEAD-212	1.8[b]	1.1	pCi/L	U	U	4.59	13.8
FTF 28	9/18/2018	LEAD-212	1.8[b]	0.536	pCi/L	U	U	3.1	12.4
FTF012R	9/19/2018	LEAD-212	1.8[b]	0.151	pCi/L	U	U	6.19	17.7
FTF 28	2/6/2018	LEAD-212	1.8[b]	-0.0585	pCi/L	U	U	4.95	11.3
FTF012R	2/6/2018	LEAD-212	1.8[b]	-1.66	pCi/L	U	U	4.33	10.9
FTF012R	2/6/2018	LEAD-214	130[b]	127	pCi/L			16.7	35
FTF 28	2/6/2018	LEAD-214	130[b]	119	pCi/L			5.62	23.6
FTF 28	2/6/2018	LEAD-214	130[b]	114	pCi/L			5.07	23.6
FTF012R	2/6/2018	LEAD-214	130[b]	114	pCi/L			4.39	20
FTF012R	9/19/2018	LEAD-214	130[b]	11	pCi/L	J	J	7.23	24.4
FTF 28	9/18/2018	LEAD-214	130[b]	10.4	pCi/L	R	R	5.32	14.1
FTF 28	9/18/2018	LEAD-214	130[b]	6.42	pCi/L	R	R	5.61	15.9
FTF 28	9/18/2018	LEAD-214	130[b]	1.47	pCi/L	U	U	9.33	22
FTF009R	9/18/2018	MANGANESE	430[a]	169	ug/L			1	5
FBG001C	2/6/2018	MANGANESE	430[a]	149	ug/L			1	5
FBG001C	2/6/2018	MANGANESE	430[a]	130	ug/L			0.9	2
FTF009R	2/6/2018	MANGANESE	430[a]	130	ug/L			1	5
FBG001C	9/20/2018	MANGANESE	430[a]	120	ug/L			2	4
FBG001C	9/20/2018	MANGANESE	430[a]	112	ug/L			1	5
FTF030D	9/18/2018	MANGANESE	430[a]	93.3	ug/L			1	5
FTF 20	9/18/2018	MANGANESE	430[a]	64.9	ug/L			1	5
FTF 20	2/5/2018	MANGANESE	430[a]	61.4	ug/L			1	5
FTF030D	2/6/2018	MANGANESE	430[a]	48.6	ug/L			1	5
FTF030	2/5/2018	MANGANESE	430[a]	31.9	ug/L			1	5
FTF 22	9/19/2018	MANGANESE	430[a]	26.5	ug/L			1	5
FTF 22	2/5/2018	MANGANESE	430[a]	20.4	ug/L			1	5
FTF 19	2/5/2018	MANGANESE	430[a]	12.8	ug/L			1	5
FTF031	9/19/2018	MANGANESE	430[a]	12.4	ug/L			1	5
FTF 28	2/6/2018	MANGANESE	430[a]	11.8	ug/L			1	5
FTF 28	2/6/2018	MANGANESE	430[a]	11.7	ug/L			1	5
FTF 28	9/18/2018	MANGANESE	430[a]	11.7	ug/L			1	5
FTF 19	9/18/2018	MANGANESE	430[a]	11.5	ug/L			1	5
FTF030	9/18/2018	MANGANESE	430[a]	11.5	ug/L			1	5
FTF 28	9/18/2018	MANGANESE	430[a]	11.4	ug/L			1	5
FTF031	2/5/2018	MANGANESE	430[a]	10.9	ug/L			1	5
FTF 23	2/5/2018	MANGANESE	430[a]	8.72	ug/L			1	5
FTF 23	9/19/2018	MANGANESE	430[a]	7.82	ug/L			1	5
FTF012R	9/19/2018	MANGANESE	430[a]	6.77	ug/L			1	5
FTF 29	9/18/2018	MANGANESE	430[a]	5	ug/L	U	U	1	5
FTF012R	2/6/2018	MANGANESE	430[a]	2.55	ug/L	J	J	1	5
FTF 29	2/6/2018	MANGANESE	430[a]	1.14	ug/L	J	J	1	5
FTF012R	9/19/2018	NEPTUNIUM-237	15	0.0287	pCi/L	U	U	0.625	1.23
FTF012R	2/6/2018	NEPTUNIUM-237	15	-0.0736	pCi/L	U	U	0.378	0.616
FTF012R	9/19/2018	NEPTUNIUM-237	15	-0.103	pCi/L	U	U	0.9	1.59
FTF012R	2/6/2018	NEPTUNIUM-237	15	-0.155	pCi/L	U	U	0.77	1.4
FTF 28	9/18/2018	NICKEL-59	300	10.6	pCi/L	R	R	10.3	25.7
FTF 28	9/18/2018	NICKEL-59	300	1.02	pCi/L	U	U	11.2	22.7
FTF012R	2/6/2018	NICKEL-59	300	0.136	pCi/L	U	U	5.42	10.2
FTF 28	2/6/2018	NICKEL-59	300	-1.43	pCi/L	U	U	13.1	26.9
FTF012R	9/19/2018	NICKEL-59	300	-4.02	pCi/L	U	U	9.4	20.2
FTF012R	2/6/2018	NICKEL-59	300	-7.83	pCi/L	U	U	13.5	30.1
FTF 28	2/6/2018	NICKEL-59	300	-10.7	pCi/L	U	U	13.7	30.9
FTF 28	9/18/2018	NICKEL-63	50	4.99	pCi/L	U	U	6.23	13.8
FTF012R	2/6/2018	NICKEL-63	50	3.6	pCi/L	U	U	7.42	16.2
FTF 28	2/6/2018	NICKEL-63	50	2.15	pCi/L	U	U	7.38	16.1
FTF012R	2/6/2018	NICKEL-63	50	1.63	pCi/L	U	U	7.22	15.7
FTF012R	9/19/2018	NICKEL-63	50	1.5	pCi/L	U	U	5.39	11.7
FTF 28	9/18/2018	NICKEL-63	50	0.894	pCi/L	U	U	5.78	12.5
FTF 28	2/6/2018	NICKEL-63	50	0.598	pCi/L	U	U	7.23	15.7
FTF012R	9/19/2018	NICKEL-63	50	-0.612	pCi/L	U	U	5.64	12.1
FBG001C	9/20/2018	NITRATE-NITRITE AS NITROGEN	10	8.23	mg/L		J	0.22	0.5
FBG001C	9/20/2018	NITRATE-NITRITE AS NITROGEN	10	7.8	mg/L		J	0.22	0.5
FBG001C	2/6/2018	NITRATE-NITRITE AS NITROGEN	10	7.6	mg/L			0.22	0.5
FBG001C	9/20/2018	NITRATE-NITRITE AS NITROGEN	10	7.51	mg/L			0.39	1
FBG001C	2/6/2018	NITRATE-NITRITE AS NITROGEN	10	7.29	mg/L			0.078	0.2
FTF030D	9/18/2018	NITRATE-NITRITE AS NITROGEN	10	3.18	mg/L			0.078	0.2
FTF 23	2/5/2018	NITRATE-NITRITE AS NITROGEN	10	3.09	mg/L			0.078	0.2
FTF 29	2/6/2018	NITRATE-NITRITE AS NITROGEN	10	3.05	mg/L			0.078	0.2
FTF 23	9/19/2018	NITRATE-NITRITE AS NITROGEN	10	3.04	mg/L			0.078	0.2
FTF 29	9/18/2018	NITRATE-NITRITE AS NITROGEN	10	2.99	mg/L			0.078	0.2
FTF009R	9/18/2018	NITRATE-NITRITE AS NITROGEN	10	2.21	mg/L			0.078	0.2
FTF031	2/5/2018	NITRATE-NITRITE AS NITROGEN	10	2.19	mg/L			0.078	0.2
FTF 22	2/5/2018	NITRATE-NITRITE AS NITROGEN	10	2.17	mg/L			0.078	0.2
FTF 28	9/18/2018	NITRATE-NITRITE AS NITROGEN	10	2.12	mg/L			0.078	0.2

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF009R	2/6/2018	NITRATE-NITRITE AS NITROGEN	10	2.12	mg/L			0.078	0.2
FTF 28	9/18/2018	NITRATE-NITRITE AS NITROGEN	10	2.09	mg/L			0.078	0.2
FTF012R	9/19/2018	NITRATE-NITRITE AS NITROGEN	10	2.09	mg/L			0.078	0.2
FTF 28	2/6/2018	NITRATE-NITRITE AS NITROGEN	10	2.08	mg/L			0.078	0.2
FTF031	9/19/2018	NITRATE-NITRITE AS NITROGEN	10	2.08	mg/L			0.078	0.2
FTF 28	2/6/2018	NITRATE-NITRITE AS NITROGEN	10	2.06	mg/L			0.078	0.2
FTF 19	9/18/2018	NITRATE-NITRITE AS NITROGEN	10	2.03	mg/L			0.078	0.2
FTF030	2/5/2018	NITRATE-NITRITE AS NITROGEN	10	2.01	mg/L			0.078	0.2
FTF 20	2/5/2018	NITRATE-NITRITE AS NITROGEN	10	1.98	mg/L			0.078	0.2
FTF012R	2/6/2018	NITRATE-NITRITE AS NITROGEN	10	1.81	mg/L			0.078	0.2
FTF030D	2/6/2018	NITRATE-NITRITE AS NITROGEN	10	1.81	mg/L			0.078	0.2
FTF 22	9/19/2018	NITRATE-NITRITE AS NITROGEN	10	1.77	mg/L			0.078	0.2
FTF 19	2/5/2018	NITRATE-NITRITE AS NITROGEN	10	1.69	mg/L			0.078	0.2
FTF 20	9/18/2018	NITRATE-NITRITE AS NITROGEN	10	1.61	mg/L			0.078	0.2
FTF030	9/18/2018	NITRATE-NITRITE AS NITROGEN	10	1.23	mg/L			0.078	0.2
FTF 28	**9/18/2018**	**NONVOLATILE BETA**	**50**	**957**	**pCi/L**		**J**	**2.8**	**41.6**
FTF 28	**9/18/2018**	**NONVOLATILE BETA**	**50**	**679**	**pCi/L**		**J**	**3.29**	**35.9**
FTF 28	**2/6/2018**	**NONVOLATILE BETA**	**50**	**451**	**pCi/L**		**J**	**2.73**	**29.3**
FTF012R	**2/6/2018**	**NONVOLATILE BETA**	**50**	**370**	**pCi/L**			**2.93**	**27.3**
FTF012R	**2/6/2018**	**NONVOLATILE BETA**	**50**	**337**	**pCi/L**			**2.76**	**26.4**
FTF 28	**2/6/2018**	**NONVOLATILE BETA**	**50**	**302**	**pCi/L**		**J**	**2.43**	**24.2**
FTF012R	**9/19/2018**	**NONVOLATILE BETA**	**50**	**184**	**pCi/L**			**2.43**	**20.1**
FTF 19	9/18/2018	NONVOLATILE BETA	50	26.6	pCi/L			1.96	8.72
FTF 19	9/18/2018	NONVOLATILE BETA	50	24.9	pCi/L			2.2	8.94
FTF 19	2/5/2018	NONVOLATILE BETA	50	17.9	pCi/L			3.85	13.1
FTF 29	9/18/2018	NONVOLATILE BETA	50	9.24	pCi/L			1.67	5.27
FTF 29	2/6/2018	NONVOLATILE BETA	50	8.92	pCi/L	J	J	4.28	12
FBG001C	9/20/2018	NONVOLATILE BETA	50	7.79	pCi/L			2.69	7.27
FTF030D	9/18/2018	NONVOLATILE BETA	50	4.9	pCi/L	J	J	2.82	6.82
FBG001C	2/6/2018	NONVOLATILE BETA	50	4.32	pCi/L			1.09	2.936
FTF 22	9/19/2018	NONVOLATILE BETA	50	3.9	pCi/L	J	J	2.64	6.24
FBG001C	2/6/2018	NONVOLATILE BETA	50	3.31	pCi/L	U	U	4.42	10.7
FBG001C	9/20/2018	NONVOLATILE BETA	50	3.26	pCi/L			0.939	2.531
FTF 20	9/18/2018	NONVOLATILE BETA	50	3.24	pCi/L	J	J	2.27	5.35
FTF 23	9/19/2018	NONVOLATILE BETA	50	2.94	pCi/L	J	J	2.85	6.59
FTF 22	2/5/2018	NONVOLATILE BETA	50	2.86	pCi/L	U	U	3.76	8.93
FTF030	9/18/2018	NONVOLATILE BETA	50	2.56	pCi/L	J	J	2.41	5.49
FTF 23	2/5/2018	NONVOLATILE BETA	50	2.27	pCi/L	U	U	3.81	8.79
FTF 20	2/5/2018	NONVOLATILE BETA	50	1.93	pCi/L	U	U	3.86	8.76
FTF009R	9/18/2018	NONVOLATILE BETA	50	1.31	pCi/L	U	U	3.24	7.02
FTF030D	2/6/2018	NONVOLATILE BETA	50	0.988	pCi/L	U	U	4.15	9.41
FTF031	2/5/2018	NONVOLATILE BETA	50	0.791	pCi/L	U	U	3.72	8
FTF030	2/5/2018	NONVOLATILE BETA	50	0.75	pCi/L	U	U	4.15	9.32
FTF030	2/5/2018	NONVOLATILE BETA	50	0.539	pCi/L	U	U	4.26	9.47
FTF009R	2/6/2018	NONVOLATILE BETA	50	0.191	pCi/L	U	U	4.3	9.43
FTF031	9/19/2018	NONVOLATILE BETA	50	0.0988	pCi/L	U	U	2.55	5.27
FTF 29	9/18/2018	PH	NA	7.1	pH				
FTF 29	2/6/2018	PH	NA	7	pH				
FTF012R	2/6/2018	PH	NA	6.5	pH				
FTF012R	9/19/2018	PH	NA	6.1	pH				
FTF 19	2/5/2018	PH	NA	6	pH				
FTF 19	9/18/2018	PH	NA	6	pH				
FTF030	9/18/2018	PH	NA	5.7	pH				
FBG001C	9/20/2018	PH	NA	5.6	pH				
FTF 22	9/19/2018	PH	NA	5.6	pH				
FBG001C	2/6/2018	PH	NA	5.3	pH				
FTF 22	2/5/2018	PH	NA	5.3	pH				
FTF030	2/5/2018	PH	NA	5.3	pH				
FTF030D	9/18/2018	PH	NA	5.3	pH				
FTF 20	9/18/2018	PH	NA	5.2	pH				
FTF030D	2/6/2018	PH	NA	5.2	pH				
FTF 20	2/5/2018	PH	NA	5.1	pH				
FTF 28	9/18/2018	PH	NA	5	pH				
FTF009R	9/18/2018	PH	NA	5	pH				
FTF031	2/5/2018	PH	NA	5	pH				
FTF031	9/19/2018	PH	NA	5	pH				
FTF 28	2/6/2018	PH	NA	4.9	pH				
FTF009R	2/6/2018	PH	NA	4.9	pH				
FTF 23	2/5/2018	PH	NA	4.8	pH				
FTF 23	9/19/2018	PH	NA	4.8	pH				
FBG001D	2/5/2018	PH	NA		pH				
FBG001D	9/17/2018	PH	NA		pH				
FTF012R	9/19/2018	PLUTONIUM-238	15	0.123	pCi/L	U	U	0.179	0.443
FTF012R	2/6/2018	PLUTONIUM-238	15	0.0787	pCi/L	U	U	0.0793	0.24
FTF012R	9/19/2018	PLUTONIUM-238	15	0.0699	pCi/L	U	U	0.16	0.368
FTF012R	2/6/2018	PLUTONIUM-238	15	-0.00288	pCi/L	U	U	0.151	0.284
FTF012R	2/6/2018	PLUTONIUM-239/240	15	0.00925	pCi/L	U	U	0.122	0.241
FTF012R	2/6/2018	PLUTONIUM-239/240	15	0.00647	pCi/L	U	U	0.161	0.314
FTF012R	9/19/2018	PLUTONIUM-239/240	15	-0.0105	pCi/L	U	U	0.189	0.356
FTF012R	9/19/2018	PLUTONIUM-239/240	15	-0.0793	pCi/L	U	U	0.238	0.391
FTF012R	2/6/2018	PLUTONIUM-242	15	0.0201	pCi/L	U	U	0.165	0.334
FTF012R	9/19/2018	PLUTONIUM-242	15	0.0192	pCi/L	U	U	0.222	0.448
FTF012R	2/6/2018	PLUTONIUM-242	15	-0.0158	pCi/L	U	U	0.109	0.182
FTF012R	9/19/2018	PLUTONIUM-242	15	-0.0679	pCi/L	U	U	0.225	0.372
FTF 28	2/6/2018	POTASSIUM-40	0.83[b]	37.4	pCi/L	R	R	18.9	85.1

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF 28	9/18/2018	POTASSIUM-40	0.83[b]	13.1	pCi/L	U	U	34.1	116
FTF 28	2/6/2018	POTASSIUM-40	0.83[b]	-13	pCi/L	U	U	30.4	69
FTF012R	2/6/2018	POTASSIUM-40	0.83[b]	-18.4	pCi/L	U	U	27.6	62
FTF 28	9/18/2018	POTASSIUM-40	0.83[b]	-19.8	pCi/L	U	U	27.7	69.1
FTF012R	2/6/2018	POTASSIUM-40	0.83[b]	-21.6	pCi/L	U	U	34	78.4
FTF 28	9/18/2018	POTASSIUM-40	0.83[b]	-25.7	pCi/L	U	U	28.3	68.3
FTF012R	9/19/2018	POTASSIUM-40	0.83[b]	-32.8	pCi/L	U	U	47.7	106
FTF012R	2/6/2018	PROMETHIUM-147	600	6.25	pCi/L	U	U	7.25	16
FTF012R	2/6/2018	PROMETHIUM-147	600	6.01	pCi/L	U	U	7.33	16.2
FTF 28	2/6/2018	PROMETHIUM-147	600	5.1	pCi/L	U	U	7.59	16.7
FTF 28	2/6/2018	PROMETHIUM-147	600	3.22	pCi/L	U	U	7.6	16.6
FTF012R	9/19/2018	PROMETHIUM-147	600	-0.386	pCi/L	U	U	6.44	14
FTF012R	9/19/2018	PROMETHIUM-147	600	-1.08	pCi/L	U	U	8.92	19.3
FTF 28	9/18/2018	PROMETHIUM-147	600	-1.5	pCi/L	U	U	8.44	18.3
FTF 28	9/18/2018	PROMETHIUM-147	600	-1.95	pCi/L	U	U	9.76	21.1
FTF012R	2/6/2018	RADIUM-226	5	2.26	pCi/L			0.361	1.42
FTF012R	2/6/2018	RADIUM-226	5	2.04	pCi/L			0.217	1.18
FTF012R	9/19/2018	RADIUM-226	5	1.4	pCi/L	J	J	0.649	1.81
FTF 28	2/6/2018	RADIUM-226	5	1.17	pCi/L	J	J	0.457	1.31
FTF 28	9/18/2018	RADIUM-226	5	1.11	pCi/L	J	J	0.728	1.88
FTF 28	2/6/2018	RADIUM-226	5	0.425	pCi/L	J	J	0.349	0.881
FTF 28	9/18/2018	RADIUM-226	5	0.404	pCi/L	J	J	0.351	0.909
FTF 28	9/18/2018	RADIUM-226	5	0.242	pCi/L	U	U	0.617	1.32
FTF012R	2/6/2018	RADIUM-228	5	0.659	pCi/L	J	J	0.439	1.08
FTF 28	2/6/2018	RADIUM-228	5	0.375	pCi/L	U	U	0.391	0.909
FTF 28	9/18/2018	RADIUM-228	5	0.37	pCi/L	U	U	0.34	0.808
FTF012R	9/19/2018	RADIUM-228	5	0.265	pCi/L	U	U	0.343	0.783
FTF 28	9/18/2018	RADIUM-228	5	0.228	pCi/L	U	U	0.394	0.87
FTF 28	2/6/2018	RADIUM-228	5	0.12	pCi/L	U	U	0.37	0.788
FTF 28	9/18/2018	RADIUM-228	5	0.0575	pCi/L	U	U	0.499	1.05
FTF 28	2/6/2018	RADIUM-228	5	-0.0784	pCi/L	U	U	0.617	1.26
FTF 20	9/18/2018	SODIUM	NA	18900	ug/L			80	250
FTF 19	9/18/2018	SODIUM	NA	15500	ug/L			80	250
FTF 19	2/5/2018	SODIUM	NA	15200	ug/L			80	250
FTF 22	9/19/2018	SODIUM	NA	12000	ug/L			80	250
FTF 20	2/5/2018	SODIUM	NA	11600	ug/L			80	250
FTF 23	9/19/2018	SODIUM	NA	10300	ug/L			80	250
FTF 22	2/5/2018	SODIUM	NA	9940	ug/L			80	250
FTF030	9/18/2018	SODIUM	NA	9240	ug/L			80	250
FTF 23	2/5/2018	SODIUM	NA	7850	ug/L			80	250
FTF 29	2/6/2018	SODIUM	NA	7070	ug/L			80	250
FTF012R	2/6/2018	SODIUM	NA	6790	ug/L		J	80	250
FBG001C	9/20/2018	SODIUM	NA	6670	ug/L			80	250
FTF012R	9/19/2018	SODIUM	NA	6550	ug/L			80	250
FBG001C	9/20/2018	SODIUM	NA	6500	ug/L			45	100
FBG001C	2/6/2018	SODIUM	NA	6110	ug/L			80	250
FBG001C	2/6/2018	SODIUM	NA	6000	ug/L			45	100
FTF030D	9/18/2018	SODIUM	NA	5530	ug/L			80	250
FTF030D	2/6/2018	SODIUM	NA	4940	ug/L			80	250
FTF 29	9/18/2018	SODIUM	NA	4760	ug/L			80	250
FTF030	2/5/2018	SODIUM	NA	4550	ug/L			80	250
FTF031	9/19/2018	SODIUM	NA	3930	ug/L			80	250
FTF031	2/5/2018	SODIUM	NA	3790	ug/L			80	250
FTF009R	9/18/2018	SODIUM	NA	3470	ug/L			80	250
FTF 28	9/18/2018	SODIUM	NA	3130	ug/L			80	250
FTF 28	9/18/2018	SODIUM	NA	2990	ug/L			80	250
FTF009R	2/6/2018	SODIUM	NA	2990	ug/L			80	250
FTF 28	2/6/2018	SODIUM	NA	2920	ug/L		J	80	250
FTF 28	2/6/2018	SODIUM	NA	2820	ug/L		J	80	250
FTF 29	2/6/2018	SPECIFIC CONDUCTANCE	NA	296	uS/cm				
FTF012R	9/19/2018	SPECIFIC CONDUCTANCE	NA	147	uS/cm				
FTF012R	2/6/2018	SPECIFIC CONDUCTANCE	NA	145	uS/cm				
FTF 19	2/5/2018	SPECIFIC CONDUCTANCE	NA	142	uS/cm				
FTF 19	9/18/2018	SPECIFIC CONDUCTANCE	NA	126	uS/cm				
FTF 20	9/18/2018	SPECIFIC CONDUCTANCE	NA	125	uS/cm				
FTF 22	9/19/2018	SPECIFIC CONDUCTANCE	NA	102	uS/cm				
FTF 20	2/5/2018	SPECIFIC CONDUCTANCE	NA	101	uS/cm				
FBG001C	2/6/2018	SPECIFIC CONDUCTANCE	NA	94	uS/cm				
FBG001C	9/20/2018	SPECIFIC CONDUCTANCE	NA	93	uS/cm				
FTF 22	2/5/2018	SPECIFIC CONDUCTANCE	NA	88	uS/cm				
FTF 23	2/5/2018	SPECIFIC CONDUCTANCE	NA	70	uS/cm				
FTF 23	9/19/2018	SPECIFIC CONDUCTANCE	NA	69	uS/cm				
FTF030D	9/18/2018	SPECIFIC CONDUCTANCE	NA	65	uS/cm				
FTF030	9/18/2018	SPECIFIC CONDUCTANCE	NA	61	uS/cm				
FTF030	2/5/2018	SPECIFIC CONDUCTANCE	NA	53	uS/cm				
FTF030D	2/6/2018	SPECIFIC CONDUCTANCE	NA	51	uS/cm				
FTF031	2/5/2018	SPECIFIC CONDUCTANCE	NA	45	uS/cm				
FTF031	9/19/2018	SPECIFIC CONDUCTANCE	NA	44	uS/cm				
FTF 28	9/18/2018	SPECIFIC CONDUCTANCE	NA	41	uS/cm				
FTF009R	2/6/2018	SPECIFIC CONDUCTANCE	NA	41	uS/cm				
FTF 28	2/6/2018	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
FTF009R	9/18/2018	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
FTF 29	9/18/2018	SPECIFIC CONDUCTANCE	NA	28	uS/cm				
FBG001D	2/5/2018	SPECIFIC CONDUCTANCE	NA		uS/cm				
FBG001D	9/17/2018	SPECIFIC CONDUCTANCE	NA		uS/cm				

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF012R	9/19/2018	STRONTIUM-90	8	6.58	pCi/L	J	J	2.63	6.91
FTF012R	2/6/2018	STRONTIUM-90	8	5.64	pCi/L	U	U	6.02	13.6
FTF 28	9/18/2018	STRONTIUM-90	8	-0.04	pCi/L	U	U	4.62	9.42
FTF 28	2/6/2018	STRONTIUM-90	8	-1.65	pCi/L	U	U	3.39	6.17
FTF 28	2/6/2018	STRONTIUM-90	8	-2.3	pCi/L	U	U	4.5	8.46
FTF 28	9/18/2018	STRONTIUM-90	8	-2.4	pCi/L	U	U	4.62	8.7
FTF 28	2/6/2018	STRONTIUM-90	8	-2.77	pCi/L	U	U	4.77	9.05
FTF 28	**2/6/2018**	**TECHNETIUM-99**	**900**	**1510**	**pCi/L**			**7.31**	**42.3**
FTF 28	**2/6/2018**	**TECHNETIUM-99**	**900**	**1390**	**pCi/L**			**6.44**	**38**
FTF 28	**9/18/2018**	**TECHNETIUM-99**	**900**	**1370**	**pCi/L**			**10.5**	**66.3**
FTF 28	**9/18/2018**	**TECHNETIUM-99**	**900**	**1320**	**pCi/L**			**10.1**	**63.9**
FTF 28	**9/18/2018**	**TECHNETIUM-99**	**900**	**1290**	**pCi/L**			**9.94**	**62.7**
FTF012R	2/6/2018	TECHNETIUM-99	900	525	pCi/L			7.68	30.1
FTF012R	2/6/2018	TECHNETIUM-99	900	498	pCi/L			7.18	28.2
FTF012R	9/19/2018	TECHNETIUM-99	900	249	pCi/L			7.88	25
FBG001C	2/6/2018	TECHNETIUM-99	900	5.69	pCi/L	J	J	3.99	9.08
FBG001C	9/20/2018	TECHNETIUM-99	900	4.75	pCi/L	U	U	7.9	17.3
FBG001C	2/6/2018	TECHNETIUM-99	900	3.86	pCi/L	J	J	2.05	4.73
FBG001C	9/20/2018	TECHNETIUM-99	900	3.33	pCi/L	J	J	2.04	4.64
FTF030	2/5/2018	TECHNETIUM-99	900	1.16	pCi/L	U	U	4.2	9.25
FTF030	9/18/2018	TECHNETIUM-99	900	0.0103	pCi/L	U	U	8.44	18.3
FTF 28	2/6/2018	THALLIUM-208		1.8	pCi/L	U	U	2.16	7.72
FTF 28	9/18/2018	THALLIUM-208		0.601	pCi/L	U	U	1.88	6.84
FTF012R	9/19/2018	THALLIUM-208		0.459	pCi/L	U	U	4.01	8.95
FTF 28	9/18/2018	THALLIUM-208		0.269	pCi/L	U	U	2.41	8.55
FTF 28	2/6/2018	THALLIUM-208		-0.529	pCi/L	U	U	2.64	6.3
FTF 28	9/18/2018	THALLIUM-208		-0.601	pCi/L	U	U	3.84	8.76
FTF012R	2/6/2018	THALLIUM-208		-0.726	pCi/L	U	U	2.72	6.5
FTF012R	2/6/2018	THALLIUM-208		-1.38	pCi/L	U	U	2.13	5.47
FTF012R	9/19/2018	THORIUM-228	15	0.118	pCi/L	U	U	0.672	1.39
FTF012R	2/6/2018	THORIUM-228	15	0.0585	pCi/L	U	U	0.44	0.894
FTF012R	9/19/2018	THORIUM-228	15	0.0216	pCi/L	U	U	0.657	1.27
FTF012R	2/6/2018	THORIUM-228	15	-0.102	pCi/L	U	U	0.501	0.855
FTF012R	9/19/2018	THORIUM-230	15	0.595	pCi/L	U	U	0.605	1.6
FTF012R	9/19/2018	THORIUM-230	15	0.33	pCi/L	U	U	0.648	1.52
FTF012R	2/6/2018	THORIUM-230	15	0.0353	pCi/L	U	U	0.589	1.17
FTF012R	2/6/2018	THORIUM-230	15	-0.146	pCi/L	U	U	0.723	1.34
FTF012R	9/19/2018	THORIUM-232	15	0.0543	pCi/L	U	U	0.42	0.892
FTF012R	9/19/2018	THORIUM-232	15	0.049	pCi/L	U	U	0.387	0.819
FTF012R	2/6/2018	THORIUM-232	15	-0.00474	pCi/L	U	U	0.364	0.682
FTF012R	2/6/2018	THORIUM-232	15	-0.0457	pCi/L	U	U	0.341	0.575
FTF 29	9/18/2018	TOTAL ALKALINITY (AS CACO3)	NA	80	mg/L				
FTF 29	2/6/2018	TOTAL ALKALINITY (AS CACO3)	NA	61	mg/L				
FTF012R	2/6/2018	TOTAL ALKALINITY (AS CACO3)	NA	40	mg/L				
FTF012R	9/19/2018	TOTAL ALKALINITY (AS CACO3)	NA	38	mg/L				
FTF 19	2/5/2018	TOTAL ALKALINITY (AS CACO3)	NA	29	mg/L				
FTF 19	9/18/2018	TOTAL ALKALINITY (AS CACO3)	NA	22	mg/L				
FBG001C	9/20/2018	TOTAL ALKALINITY (AS CACO3)	NA	12	mg/L				
FTF 22	9/19/2018	TOTAL ALKALINITY (AS CACO3)	NA	12	mg/L				
FTF030	2/5/2018	TOTAL ALKALINITY (AS CACO3)	NA	8	mg/L				
FTF030	9/18/2018	TOTAL ALKALINITY (AS CACO3)	NA	8	mg/L				
FBG001C	2/6/2018	TOTAL ALKALINITY (AS CACO3)	NA	7	mg/L				
FTF 22	2/5/2018	TOTAL ALKALINITY (AS CACO3)	NA	7	mg/L				
FTF 20	9/18/2018	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				
FTF030D	9/18/2018	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				
FTF 20	2/5/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF 23	2/5/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF 23	9/19/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF 28	2/6/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF 28	9/18/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF009R	2/6/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF009R	9/18/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF030D	2/6/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF031	2/5/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FTF031	9/19/2018	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
FBG001D	2/5/2018	TOTAL ALKALINITY (AS CACO3)	NA		mg/L				
FBG001D	9/17/2018	TOTAL ALKALINITY (AS CACO3)	NA		mg/L				
FTF 28	9/18/2018	TRITIUM	20	5.64	pCi/mL		J	0.409	1.38
FTF 19	9/18/2018	TRITIUM	20	5.54	pCi/mL			0.411	1.38
FTF012R	2/6/2018	TRITIUM	20	4.39	pCi/mL			0.391	1.27
FTF030D	9/18/2018	TRITIUM	20	3.35	pCi/mL			0.419	1.24
FTF 19	2/5/2018	TRITIUM	20	3.14	pCi/mL			0.447	1.27
FTF012R	9/19/2018	TRITIUM	20	3.12	pCi/mL			0.42	1.23
FTF009R	2/6/2018	TRITIUM	20	2.97	pCi/mL			0.391	1.16
FTF 29	2/6/2018	TRITIUM	20	2.79	pCi/mL			0.39	1.14
FTF 28	2/6/2018	TRITIUM	20	2.72	pCi/mL			0.392	1.14
FTF 28	2/6/2018	TRITIUM	20	2.71	pCi/mL			0.391	1.13
FTF 28	2/6/2018	TRITIUM	20	2.62	pCi/mL			0.387	1.12
FTF 28	9/18/2018	TRITIUM	20	2.35	pCi/mL			0.419	1.16
FBG001C	2/6/2018	TRITIUM	20	2.28	pCi/mL			0.293	0.945
FTF 28	9/18/2018	TRITIUM	20	2.26	pCi/mL		J	0.422	1.16
FBG001C	2/6/2018	TRITIUM	20	2.18	pCi/mL			0.391	1.09
FBG001C	9/20/2018	TRITIUM	20	2.13	pCi/mL			0.4	1.1
FTF 29	9/18/2018	TRITIUM	20	1.92	pCi/mL			0.419	1.12
FBG001C	9/20/2018	TRITIUM	20	1.91	pCi/mL			0.314	0.962

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
FTF009R	9/18/2018	TRITIUM	20	1.53	pCi/mL			0.419	1.08
FTF 22	2/5/2018	TRITIUM	20	1.5	pCi/mL			0.444	1.12
FTF 20	2/5/2018	TRITIUM	20	1.36	pCi/mL			0.444	1.11
FTF 20	9/18/2018	TRITIUM	20	1.35	pCi/mL			0.409	1.04
FTF030	2/5/2018	TRITIUM	20	1.15	pCi/mL			0.444	1.09
FTF030D	2/6/2018	TRITIUM	20	1.1	pCi/mL			0.388	0.97
FTF 23	9/19/2018	TRITIUM	20	1.07	pCi/mL			0.415	1.02
FTF 23	2/5/2018	TRITIUM	20	0.971	pCi/mL	J	J	0.446	1.07
FTF 22	9/19/2018	TRITIUM	20	0.905	pCi/mL	J	J	0.406	0.983
FTF031	2/5/2018	TRITIUM	20	0.779	pCi/mL	J	J	0.445	1.05
FTF031	9/19/2018	TRITIUM	20	0.704	pCi/mL	J	J	0.418	0.989
FTF030	9/18/2018	TRITIUM	20	0.418	pCi/mL	U	J	0.418	0.954
FTF030D	9/18/2018	TURBIDITY	NA	13.6	NTU				
FTF 29	2/6/2018	TURBIDITY	NA	7.1	NTU				
FBG001C	9/20/2018	TURBIDITY	NA	6.2	NTU				
FTF012R	9/19/2018	TURBIDITY	NA	6.2	NTU				
FBG001C	2/6/2018	TURBIDITY	NA	5.7	NTU				
FTF 29	9/18/2018	TURBIDITY	NA	2.9	NTU				
FTF012R	2/6/2018	TURBIDITY	NA	2.5	NTU				
FTF031	9/19/2018	TURBIDITY	NA	2.1	NTU				
FTF030	2/5/2018	TURBIDITY	NA	2	NTU				
FTF030D	2/6/2018	TURBIDITY	NA	1.3	NTU				
FTF030	9/18/2018	TURBIDITY	NA	1.2	NTU				
FTF 19	2/5/2018	TURBIDITY	NA	1.1	NTU				
FTF 22	9/19/2018	TURBIDITY	NA	0.9	NTU				
FTF031	2/5/2018	TURBIDITY	NA	0.9	NTU				
FTF 19	9/18/2018	TURBIDITY	NA	0.8	NTU				
FTF 20	2/5/2018	TURBIDITY	NA	0.7	NTU				
FTF 23	9/19/2018	TURBIDITY	NA	0.7	NTU				
FTF 20	9/18/2018	TURBIDITY	NA	0.6	NTU				
FTF 22	2/5/2018	TURBIDITY	NA	0.5	NTU				
FTF009R	2/6/2018	TURBIDITY	NA	0.5	NTU				
FTF 23	2/5/2018	TURBIDITY	NA	0.3	NTU				
FTF 28	2/6/2018	TURBIDITY	NA	0.3	NTU				
FTF009R	9/18/2018	TURBIDITY	NA	0.3	NTU				
FTF 28	9/18/2018	TURBIDITY	NA	0.1	NTU				
FBG001D	2/5/2018	TURBIDITY	NA		NTU				
FBG001D	9/17/2018	TURBIDITY	NA		NTU				
FTF012R	9/19/2018	URANIUM-233/234	10	0.564	pCi/L	U	U	0.484	1.32
FTF012R	9/19/2018	URANIUM-233/234	10	0.322	pCi/L	U	U	0.511	1.24
FTF012R	2/6/2018	URANIUM-233/234	10	0.189	pCi/L	U	U	0.136	0.404
FTF012R	2/6/2018	URANIUM-233/234	10	0.159	pCi/L	U	U	0.128	0.362
FTF012R	9/19/2018	URANIUM-235	0.5	0.18	pCi/L	U	U	0.397	0.971
FTF012R	9/19/2018	URANIUM-235	0.5	0.139	pCi/L	U	U	0.378	0.924
FTF012R	2/6/2018	URANIUM-235	0.5	0.0425	pCi/L	U	U	0.116	0.283
FTF012R	2/6/2018	URANIUM-235	0.5	0.000845	pCi/L	U	U	0.139	0.264
FTF012R	9/19/2018	URANIUM-238	10	0.383	pCi/L	U	U	0.192	0.858
FTF012R	2/6/2018	URANIUM-238	10	0.00625	pCi/L	U	U	0.151	0.293
FTF012R	9/19/2018	URANIUM-238	10	-0.0116	pCi/L	U	U	0.406	0.754
FTF012R	2/6/2018	URANIUM-238	10	-0.0164	pCi/L	U	U	0.113	0.189
FTF 29	9/18/2018 11:06	Water Elevation	NA	87.1	ft				
FTF 29	2/6/2018 14:50	Water Elevation	NA	85.56	ft				
FBG001C	9/20/2018 9:02	Water Elevation	NA	84.8	ft				
FTF 28	9/18/2018 8:51	Water Elevation	NA	84.6	ft				
FBG001C	2/6/2018 11:58	Water Elevation	NA	84.07	ft				
FTF 28	2/6/2018 13:04	Water Elevation	NA	84.04	ft				
FTF030	9/18/2018 13:23	Water Elevation	NA	82.4	ft				
FTF030	2/5/2018 14:53	Water Elevation	NA	81.8	ft				
FBG001D	2/5/2018 15:15	Water Elevation	NA	78.67	ft				
FBG001D	9/17/2018 14:15	Water Elevation	NA	78.4	ft				
FTF030D	9/18/2018 14:48	Water Elevation	NA	76	ft				
FTF030D	2/6/2018 8:08	Water Elevation	NA	75.4	ft				
FTF009R	9/18/2018 11:54	Water Elevation	NA	75	ft				
FTF009R	2/6/2018 9:04	Water Elevation	NA	74.5	ft				
FTF031	9/19/2018 14:50	Water Elevation	NA	68.6	ft				
FTF012R	9/19/2018 8:58	Water Elevation	NA	68.3	ft				
FTF031	2/5/2018 13:59	Water Elevation	NA	67.98	ft				
FTF012R	2/6/2018 10:22	Water Elevation	NA	67.62	ft				
FTF 20	9/18/2018 10:16	Water Elevation	NA	66.1	ft				
FTF 22	9/19/2018 10:40	Water Elevation	NA	66	ft				
FTF 19	9/18/2018 8:59	Water Elevation	NA	65.6	ft				
FTF 20	2/5/2018 10:02	Water Elevation	NA	65.48	ft				
FTF 22	2/5/2018 12:18	Water Elevation	NA	65.38	ft				
FTF 23	9/19/2018 13:32	Water Elevation	NA	65.1	ft				
FTF 19	2/5/2018 9:11	Water Elevation	NA	65	ft				
FTF 23	2/5/2018 13:08	Water Elevation	NA	64.34	ft				

ATTACHMENT B

2018 Sample Results for H-Area Tank Farm

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Data Qualification

The qualifiers used when validating analytical data are listed in the following table. Qualifiers are given in order of "usability," i.e., lower ones supersede higher ones as validation functions are applied. Not every qualifier is currently used but may be used in the future.

USEPA Functional Guideline Qualifiers	
Qualifier	**Description**
[null]	Data not remarked. The detected analyte result is acceptable for use as reported.
J	The detected analyte was positively identified but the result is approximate.
NJ	The detected analyte was only tentatively identified, and the result is approximate.
U	The analyte was analyzed for, but not detected. The SQL is valid unless blank contamination is indicated.
UJ	The analyte was analyzed for, but not detected. The SQL is approximate and may be inaccurate or imprecise.
R	The sample result is rejected as unusable due to serious deficiencies in meeting quality control criteria. The analyte may be present or absent.

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Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 4D	2/7/2018 11:39	AMERICIUM-241	15	0.0536	pCi/L	U	U	0.144	0.333
HAA 4D	9/20/2018 9:35	AMERICIUM-241	15	0.0362	pCi/L	U	U	0.173	0.372
HAA 4D	9/20/2018 9:35	AMERICIUM-241	15	-0.00357	pCi/L	U	U	0.125	0.232
HAA 4D	9/20/2018 9:35	AMERICIUM-243	15	0.0293	pCi/L	U	U	0.174	0.358
HAA 4D	9/20/2018 9:35	AMERICIUM-243	15	0.0139	pCi/L	U	U	0.138	0.276
HAA 4D	2/7/2018 11:39	AMERICIUM-243	15	-0.0241	pCi/L	U	U	0.174	0.305
HAA 1A	2/5/2018 13:06	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 1A	9/12/2018 12:54	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 1C	2/5/2018 13:55	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 1C	9/12/2018 13:40	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 1D	2/5/2018 14:30	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 1D	9/12/2018 14:57	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 2B	2/6/2018 13:21	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 2B	9/12/2018 8:34	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 2C	2/6/2018 14:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 2C	9/12/2018 9:48	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 2D	2/6/2018 12:59	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 2D	9/12/2018 11:08	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 4B	2/7/2018 9:08	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 4B	9/20/2018 8:30	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 4C	2/7/2018 10:16	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 4C	9/20/2018 9:10	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 4D	2/7/2018 11:39	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 4D	9/20/2018 9:35	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 7B	2/7/2018 8:30	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 7B	9/12/2018 8:30	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 7C	2/7/2018 9:40	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 7C	9/12/2018 9:36	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 7D	2/7/2018 9:26	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 7D	9/12/2018 10:04	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 8B	2/5/2018 9:24	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 8B	9/12/2018 11:18	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 8C	2/5/2018 10:39	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 8C	9/12/2018 11:48	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 8D	2/5/2018 9:50	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 8D	9/12/2018 12:05	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 9B	2/7/2018 10:35	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 9B	9/12/2018 8:53	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 9D	2/7/2018 11:48	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 9D	9/12/2018 10:07	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 10B	2/7/2018 8:26	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 10B	2/7/2018 0:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 10B	9/13/2018 10:10	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 10B	9/13/2018 0:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 10C	2/7/2018 9:22	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 10C	9/13/2018 11:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 10D	2/7/2018 9:37	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 10D	9/13/2018 7:41	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 11B	2/6/2018 9:37	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 11B	9/27/2018 10:57	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 11C	2/6/2018 10:10	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 11C	9/13/2018 11:05	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 11D	2/6/2018 10:40	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 11D	9/13/2018 11:34	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 12B	2/6/2018 11:38	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 12B	9/17/2018 15:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 12C	2/6/2018 12:40	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 12C	9/13/2018 8:34	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 12D	2/6/2018 14:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 12D	9/13/2018 7:53	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 13B	2/6/2018 8:30	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 13B	9/13/2018 8:19	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 13C	2/6/2018 9:25	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 13C	9/13/2018 10:14	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 13D	2/6/2018 10:07	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 13D	9/13/2018 13:33	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 14B	2/7/2018 13:11	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 14B	9/19/2018 12:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 14C	2/7/2018 14:03	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 14C	9/19/2018 10:20	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 14D	2/7/2018 15:08	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 14D	9/19/2018 11:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 15B	2/12/2018 8:47	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 15B	9/17/2018 13:03	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 15C	2/12/2018 9:52	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 15C	9/17/2018 13:56	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 15D	2/12/2018 11:18	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 15D	9/17/2018 14:48	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA017C	2/12/2018 12:16	CADMIUM	5	1	ug/L	U	U	0.3	1

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA017C	9/20/2018 10:49	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA017D	2/12/2018 12:53	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA017D	9/20/2018 13:04	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA018C	2/12/2018 13:46	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA018C	2/12/2018 0:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA018C	9/25/2018 8:51	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA018C	9/25/2018 0:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA018D	2/12/2018 14:28	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA018D	9/25/2018 10:40	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA019C	2/7/2018 13:46	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA019C	9/13/2018 10:00	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA019D	2/7/2018 12:49	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA019D	9/13/2018 9:08	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA020C	2/6/2018 8:41	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA020C	9/13/2018 9:16	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA020D	2/6/2018 12:22	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA020D	9/13/2018 9:45	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA021C	2/6/2018 9:32	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA021C	9/13/2018 13:08	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA021D	2/6/2018 11:39	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA021D	9/13/2018 13:19	CADMIUM	5	1	ug/L	U	U	0.3	1
HAA 9C	2/7/2018 11:21	CADMIUM	5	0.593	ug/L	J	J	0.3	1
HAA 9C	9/12/2018 9:40	CADMIUM	5	0.501	ug/L	J	J	0.3	1
HAA 8B	9/12/2018 0:00	CADMIUM	5	0.5	ug/L	U	U	0.2	0.5
HAA 14C	9/19/2018 0:00	CADMIUM	5	0.5	ug/L	U	U	0.2	0.5
HAA 8B	2/5/2018 0:00	CADMIUM	5	0.4	ug/L	J	J	0.2	0.5
HAA 14C	2/7/2018 14:03	CADMIUM	5	0.36	ug/L	J	J	0.2	0.5
HAA 7C	2/7/2018 9:40	CHROMIUM	100	10.9	ug/L			3	10
HAA 13D	2/6/2018 10:07	CHROMIUM	100	10.3	ug/L			3	10
HAA 13D	9/13/2018 13:33	CHROMIUM	100	10.3	ug/L			3	10
HAA 1A	2/5/2018 13:06	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 1A	9/12/2018 12:54	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 1C	2/5/2018 13:55	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 1C	9/12/2018 13:40	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 1D	2/5/2018 14:30	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 1D	9/12/2018 14:57	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 2C	2/6/2018 14:00	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 2C	9/12/2018 9:48	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 2D	9/12/2018 11:08	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 4B	2/7/2018 9:08	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 4B	9/20/2018 8:30	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 4D	2/7/2018 11:39	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 4D	9/20/2018 9:35	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 7D	2/7/2018 9:26	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 7D	9/12/2018 10:04	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 8B	2/5/2018 0:00	CHROMIUM	100	10	ug/L	U	U	4	10
HAA 8B	9/12/2018 11:18	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 8B	9/12/2018 0:00	CHROMIUM	100	10	ug/L	U	U	4	10
HAA 8C	2/5/2018 10:39	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 8C	9/12/2018 11:48	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 8D	2/5/2018 9:50	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 8D	9/12/2018 12:05	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 9B	2/7/2018 10:35	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 9D	2/7/2018 11:48	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 9D	9/12/2018 10:07	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 10D	2/7/2018 9:37	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 10D	9/13/2018 7:41	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 11B	2/6/2018 9:37	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 11D	2/6/2018 10:40	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 11D	9/13/2018 11:34	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 12D	2/6/2018 14:00	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 12D	9/13/2018 7:53	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 14B	2/7/2018 13:11	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 14D	2/7/2018 15:08	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 14D	9/19/2018 11:00	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 15B	9/17/2018 13:03	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 15C	2/12/2018 9:52	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 15C	9/17/2018 13:56	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 15D	2/12/2018 11:18	CHROMIUM	100	10	ug/L	U	U	3	10
HAA 15D	9/17/2018 14:48	CHROMIUM	100	10	ug/L	U	U	3	10
HAA017C	9/20/2018 10:49	CHROMIUM	100	10	ug/L	U	U	3	10
HAA017D	2/12/2018 12:53	CHROMIUM	100	10	ug/L	U	U	3	10
HAA017D	9/20/2018 13:04	CHROMIUM	100	10	ug/L	U	U	3	10
HAA018D	2/12/2018 14:28	CHROMIUM	100	10	ug/L	U	U	3	10
HAA018D	9/25/2018 10:40	CHROMIUM	100	10	ug/L	U	U	3	10
HAA020C	2/6/2018 8:41	CHROMIUM	100	10	ug/L	U	U	3	10
HAA021C	2/6/2018 9:32	CHROMIUM	100	10	ug/L	U	U	3	10
HAA021C	9/13/2018 13:08	CHROMIUM	100	10	ug/L	U	U	3	10
HAA021D	2/6/2018 11:39	CHROMIUM	100	9.01	ug/L	J	J	3	10

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 7C	9/12/2018 9:36	CHROMIUM	100	8.15	ug/L	J	J	3	10
HAA 4C	9/20/2018 9:10	CHROMIUM	100	7.32	ug/L	J	J	3	10
HAA 10B	2/7/2018 0:00	CHROMIUM	100	6.98	ug/L	J	J	3	10
HAA 10B	2/7/2018 8:26	CHROMIUM	100	6.9	ug/L	J	J	3	10
HAA 7B	2/7/2018 8:30	CHROMIUM	100	6.85	ug/L	J	J	3	10
HAA 13C	2/6/2018 9:25	CHROMIUM	100	6.79	ug/L	J	J	3	10
HAA 14C	9/19/2018 10:20	CHROMIUM	100	6.71	ug/L	J	J	3	10
HAA019D	2/7/2018 12:49	CHROMIUM	100	6.55	ug/L	J	J	3	10
HAA 14C	2/7/2018 14:03	CHROMIUM	100	6.5	ug/L	J	J	4	10
HAA 14C	9/19/2018 0:00	CHROMIUM	100	6.4	ug/L	J	J	4	10
HAA 2B	2/6/2018 13:21	CHROMIUM	100	6.14	ug/L	J	J	3	10
HAA 14C	2/7/2018 14:03	CHROMIUM	100	6	ug/L	J	J	3	10
HAA018C	2/12/2018 13:46	CHROMIUM	100	5.57	ug/L	J	J	3	10
HAA018C	2/12/2018 0:00	CHROMIUM	100	5.54	ug/L	J	J	3	10
HAA018C	9/25/2018 0:00	CHROMIUM	100	5.46	ug/L	J	J	3	10
HAA 13C	9/13/2018 10:14	CHROMIUM	100	5.29	ug/L	J	J	3	10
HAA018C	9/25/2018 8:51	CHROMIUM	100	5.25	ug/L	J	J	3	10
HAA 12C	2/6/2018 12:40	CHROMIUM	100	5.06	ug/L	J	J	3	10
HAA 12B	2/6/2018 11:38	CHROMIUM	100	5.01	ug/L	J	J	3	10
HAA020D	2/6/2018 12:22	CHROMIUM	100	4.95	ug/L	J	J	3	10
HAA 9C	2/7/2018 11:21	CHROMIUM	100	4.93	ug/L	J	J	3	10
HAA 4C	2/7/2018 10:16	CHROMIUM	100	4.82	ug/L	J	J	3	10
HAA 8B	2/5/2018 9:24	CHROMIUM	100	4.53	ug/L	J	J	3	10
HAA 13B	2/6/2018 8:30	CHROMIUM	100	4.45	ug/L	J	J	3	10
HAA017C	2/12/2018 12:16	CHROMIUM	100	4.32	ug/L	J	J	3	10
HAA 10B	9/13/2018 10:10	CHROMIUM	100	4.3	ug/L	J	J	3	10
HAA 14B	9/19/2018 12:00	CHROMIUM	100	4.14	ug/L	J	J	3	10
HAA 12C	9/13/2018 8:34	CHROMIUM	100	4.06	ug/L	J	J	3	10
HAA 12B	9/17/2018 15:00	CHROMIUM	100	4.01	ug/L	J	J	3	10
HAA 9C	9/12/2018 9:40	CHROMIUM	100	3.85	ug/L	J	J	3	10
HAA 2B	9/12/2018 8:34	CHROMIUM	100	3.83	ug/L	J	J	3	10
HAA020D	9/13/2018 9:45	CHROMIUM	100	3.71	ug/L	J	J	3	10
HAA 11B	9/27/2018 10:57	CHROMIUM	100	3.67	ug/L	J	J	3	10
HAA 13B	9/13/2018 8:19	CHROMIUM	100	3.64	ug/L	J	J	3	10
HAA 10B	9/13/2018 0:00	CHROMIUM	100	3.6	ug/L	J	J	3	10
HAA021D	9/13/2018 13:19	CHROMIUM	100	3.58	ug/L	J	J	3	10
HAA 9B	9/12/2018 8:53	CHROMIUM	100	3.55	ug/L	J	J	3	10
HAA 11C	9/13/2018 11:05	CHROMIUM	100	3.55	ug/L	J	J	3	10
HAA 10C	9/13/2018 11:00	CHROMIUM	100	3.53	ug/L	J	J	3	10
HAA019C	9/13/2018 10:00	CHROMIUM	100	3.52	ug/L	J	J	3	10
HAA 7B	9/12/2018 8:30	CHROMIUM	100	3.46	ug/L	J	J	3	10
HAA019C	2/7/2018 13:46	CHROMIUM	100	3.43	ug/L	J	J	3	10
HAA020C	9/13/2018 9:16	CHROMIUM	100	3.42	ug/L	J	J	3	10
HAA019D	9/13/2018 9:08	CHROMIUM	100	3.36	ug/L	J	J	3	10
HAA 2D	2/6/2018 12:59	CHROMIUM	100	3.29	ug/L	J	J	3	10
HAA 15B	2/12/2018 8:47	CHROMIUM	100	3.24	ug/L	J	J	3	10
HAA 11C	2/6/2018 10:10	CHROMIUM	100	3.22	ug/L	J	J	3	10
HAA 10C	2/7/2018 9:22	CHROMIUM	100	3.13	ug/L	J	J	3	10
HAA 4D	2/7/2018 11:39	CURIUM-242	15	0	pCi/L	U	U	0.0648	0.152
HAA 4D	9/20/2018 9:35	CURIUM-242	15	0	pCi/L	U	U	0.0534	0.125
HAA 4D	9/20/2018 9:35	CURIUM-242	15	0	pCi/L	U	U	0.0578	0.135
HAA 4D	9/20/2018 9:35	CURIUM-243/244	15	0.0275	pCi/L	U	U	0.13	0.275
HAA 4D	2/7/2018 11:39	CURIUM-243/244	15	-0.0111	pCi/L	U	U	0.128	0.226
HAA 4D	9/20/2018 9:35	CURIUM-243/244	15	-0.0201	pCi/L	U	U	0.171	0.292
HAA 4D	2/7/2018 11:39	CURIUM-245/246	15	0.0125	pCi/L	U	U	0.133	0.272
HAA 4D	9/20/2018 9:35	CURIUM-245/246	15	-0.00498	pCi/L	U	U	0.0995	0.186
HAA 4D	9/20/2018 9:35	CURIUM-245/246	15	-0.0138	pCi/L	U	U	0.117	0.2
HAA018C	9/25/2018 8:51	GROSS ALPHA	15	6.89	pCi/L		J	2.07	6.83
HAA 4D	2/7/2018 11:39	GROSS ALPHA	15	6.4	pCi/L	J	J	1.9	6.5
HAA020D	2/6/2018 12:22	GROSS ALPHA	15	5.77	pCi/L	J	J	2.63	9.19
HAA 4D	9/20/2018 9:35	GROSS ALPHA	15	4.89	pCi/L	J	J	2.29	6.85
HAA 11D	9/13/2018 11:34	GROSS ALPHA	15	2.94	pCi/L	J	J	1.91	5.27
HAA 1C	9/12/2018 13:40	GROSS ALPHA	15	2.86	pCi/L	J	J	2.63	6.73
HAA 11B	9/27/2018 10:57	GROSS ALPHA	15	2.72	pCi/L	U	U	2.82	6.88
HAA 4B	9/20/2018 8:30	GROSS ALPHA	15	2.5	pCi/L	J	J	2.45	6.09
HAA 7D	9/12/2018 10:04	GROSS ALPHA	15	2.35	pCi/L	J	J	2.07	5.01
HAA 9B	9/12/2018 8:53	GROSS ALPHA	15	2.33	pCi/L	U	U	2.56	6.32
HAA 13D	9/13/2018 13:33	GROSS ALPHA	15	2.32	pCi/L	J	J	2.23	5.47
HAA021D	9/13/2018 13:19	GROSS ALPHA	15	2.32	pCi/L	J	J	1.48	4.26
HAA017C	9/20/2018 10:49	GROSS ALPHA	15	2.3	pCi/L	J	J	2.02	5.28
HAA 13D	2/6/2018 10:07	GROSS ALPHA	15	2.26	pCi/L	U	U	2.44	6.66
HAA 1A	9/12/2018 12:54	GROSS ALPHA	15	2.2	pCi/L	U	U	2.91	6.77
HAA 10C	2/7/2018 9:22	GROSS ALPHA	15	2.03	pCi/L	U	U	2.47	6.52
HAA018D	2/12/2018 14:28	GROSS ALPHA	15	2	pCi/L	U	U	2.43	6.42
HAA 14C	9/19/2018 10:20	GROSS ALPHA	15	1.86	pCi/L	U	U	1.93	4.67
HAA 11C	9/13/2018 11:05	GROSS ALPHA	15	1.82	pCi/L	U	U	2.14	4.9
HAA017D	9/20/2018 13:04	GROSS ALPHA	15	1.73	pCi/L	U	U	1.94	4.72
HAA 7C	9/12/2018 9:36	GROSS ALPHA	15	1.68	pCi/L	U	U	2.37	5.55
HAA 14B	9/19/2018 12:00	GROSS ALPHA	15	1.59	pCi/L	U	U	2.06	4.84

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 15D	9/17/2018 14:48	GROSS ALPHA	15	1.56	pCi/L	U	U	1.91	4.61
HAA 10D	9/13/2018 7:41	GROSS ALPHA	15	1.46	pCi/L	U	U	2.31	5.19
HAA020C	9/13/2018 9:16	GROSS ALPHA	15	1.42	pCi/L	U	U	2.21	5.03
HAA020D	9/13/2018 9:45	GROSS ALPHA	15	1.42	pCi/L	U	U	2.23	5.01
HAA 15B	9/17/2018 13:03	GROSS ALPHA	15	1.38	pCi/L	U	U	1.93	4.39
HAA 4B	9/20/2018 8:30	GROSS ALPHA	15	1.21	pCi/L	U	U	2.19	4.93
HAA 14D	2/7/2018 15:08	GROSS ALPHA	15	1.19	pCi/L	U	U	2.41	5.65
HAA020C	2/6/2018 8:41	GROSS ALPHA	15	1.12	pCi/L	U	U	2.48	5.8
HAA 2C	9/12/2018 9:48	GROSS ALPHA	15	1.11	pCi/L	U	U	1.87	4.25
HAA 12C	2/6/2018 12:40	GROSS ALPHA	15	1.1	pCi/L	U	U	2.47	5.75
HAA 12D	2/6/2018 14:00	GROSS ALPHA	15	1.09	pCi/L	U	U	2.46	5.72
HAA 7D	2/7/2018 9:26	GROSS ALPHA	15	1.08	pCi/L	U	U	2.45	5.69
HAA 10B	9/13/2018 0:00	GROSS ALPHA	15	1.07	pCi/L	U	U	2.83	6.07
HAA 12D	9/13/2018 7:53	GROSS ALPHA	15	1	pCi/L	U	U	2.01	4.45
HAA019D	9/13/2018 9:08	GROSS ALPHA	15	0.957	pCi/L	U	U	2.17	4.71
HAA021C	9/13/2018 13:08	GROSS ALPHA	15	0.945	pCi/L	U	U	2.16	4.7
HAA 2C	9/12/2018 9:48	GROSS ALPHA	15	0.864	pCi/L	U	U	2.04	4.4
HAA 1C	2/5/2018 13:55	GROSS ALPHA	15	0.808	pCi/L	U	U	2.47	5.38
HAA019C	2/7/2018 13:46	GROSS ALPHA	15	0.808	pCi/L	U	U	2.47	5.38
HAA 10B	2/7/2018 0:00	GROSS ALPHA	15	0.749	pCi/L	U	U	2.57	5.58
HAA 13B	2/6/2018 8:30	GROSS ALPHA	15	0.749	pCi/L	U	U	2.59	5.63
HAA 8B	9/12/2018 11:18	GROSS ALPHA	15	0.745	pCi/L	U	U	2.27	4.77
HAA 10C	9/13/2018 11:00	GROSS ALPHA	15	0.736	pCi/L	U	U	1.82	3.92
HAA 7B	2/7/2018 8:30	GROSS ALPHA	15	0.732	pCi/L	U	U	2.53	5.49
HAA 14D	9/19/2018 11:00	GROSS ALPHA	15	0.732	pCi/L	U	U	1.69	3.66
HAA 9B	9/12/2018 8:53	GROSS ALPHA	15	0.727	pCi/L	U	U	2.75	5.69
HAA 2D	2/6/2018 12:59	GROSS ALPHA	15	0.722	pCi/L	U	U	2.48	5.38
HAA020C	2/6/2018 8:41	GROSS ALPHA	15	0.722	pCi/L	U	U	2.49	5.4
HAA 9D	2/7/2018 11:48	GROSS ALPHA	15	0.709	pCi/L	U	U	2.44	5.29
HAA021C	2/6/2018 9:32	GROSS ALPHA	15	0.707	pCi/L	U	U	2.43	5.28
HAA021D	2/6/2018 11:39	GROSS ALPHA	15	0.706	pCi/L	U	U	2.43	5.28
HAA 11D	2/6/2018 10:40	GROSS ALPHA	15	0.7	pCi/L	U	U	2.44	5.28
HAA 13B	9/13/2018 8:19	GROSS ALPHA	15	0.691	pCi/L	U	U	2.64	5.46
HAA 2B	9/12/2018 8:34	GROSS ALPHA	15	0.688	pCi/L	U	U	2.5	5.28
HAA 9D	9/12/2018 10:07	GROSS ALPHA	15	0.643	pCi/L	U	U	2.45	5.11
HAA 1D	9/12/2018 14:57	GROSS ALPHA	15	0.634	pCi/L	U	U	2.5	5.2
HAA 14C	9/19/2018 0:00	GROSS ALPHA	15	0.609	pCi/L	U	UJ	1.31	2.878
HAA 14C	2/7/2018 14:03	GROSS ALPHA	15	0.568	pCi/L	U	U	1.44	3.134
HAA 8C	9/12/2018 11:48	GROSS ALPHA	15	0.547	pCi/L	U	U	2.31	4.77
HAA 4C	9/20/2018 9:10	GROSS ALPHA	15	0.545	pCi/L	U	U	2.71	5.51
HAA 8B	2/5/2018 0:00	GROSS ALPHA	15	0.545	pCi/L	U	U	0.948	2.126
HAA 10B	9/13/2018 10:10	GROSS ALPHA	15	0.542	pCi/L	U	U	2.66	5.32
HAA 2D	9/12/2018 11:08	GROSS ALPHA	15	0.505	pCi/L	U	U	2.58	5.28
HAA 8B	9/12/2018 0:00	GROSS ALPHA	15	0.4831	pCi/L	U	U	1.04	2.284
HAA018C	9/25/2018 0:00	GROSS ALPHA	15	0.468	pCi/L	U	UJ	2.29	4.67
HAA 12C	9/13/2018 8:34	GROSS ALPHA	15	0.43	pCi/L	U	U	2.13	4.37
HAA 14B	2/7/2018 13:11	GROSS ALPHA	15	0.408	pCi/L	U	U	2.53	4.99
HAA 10C	2/7/2018 9:22	GROSS ALPHA	15	0.397	pCi/L	U	U	2.46	4.85
HAA019D	2/7/2018 12:49	GROSS ALPHA	15	0.397	pCi/L	U	U	2.46	4.84
HAA 15B	2/12/2018 8:47	GROSS ALPHA	15	0.396	pCi/L	U	U	2.46	4.84
HAA 8B	2/5/2018 9:24	GROSS ALPHA	15	0.391	pCi/L	U	U	2.42	4.77
HAA 8C	2/5/2018 10:39	GROSS ALPHA	15	0.391	pCi/L	U	U	2.43	4.78
HAA 15D	2/12/2018 11:18	GROSS ALPHA	15	0.391	pCi/L	U	U	2.42	4.76
HAA 1D	2/5/2018 14:30	GROSS ALPHA	15	0.389	pCi/L	U	U	2.42	4.77
HAA017C	2/12/2018 12:16	GROSS ALPHA	15	0.387	pCi/L	U	U	2.4	4.74
HAA 15C	9/17/2018 13:56	GROSS ALPHA	15	0.357	pCi/L	U	U	1.45	2.92
HAA 9B	2/7/2018 10:35	GROSS ALPHA	15	0.339	pCi/L	U	U	2.6	5.16
HAA 2B	2/6/2018 13:21	GROSS ALPHA	15	0.335	pCi/L	U	U	2.57	5.1
HAA 4B	2/7/2018 9:08	GROSS ALPHA	15	0.325	pCi/L	U	U	2.52	4.98
HAA 13C	2/6/2018 9:25	GROSS ALPHA	15	0.325	pCi/L	U	U	2.49	4.93
HAA 8D	9/12/2018 12:05	GROSS ALPHA	15	0.224	pCi/L	U	U	2.37	4.65
HAA 13C	9/13/2018 10:14	GROSS ALPHA	15	0.223	pCi/L	U	U	2.37	4.63
HAA018D	9/25/2018 10:40	GROSS ALPHA	15	0.195	pCi/L	U	U	2.56	5.06
HAA019C	9/13/2018 10:00	GROSS ALPHA	15	0.0936	pCi/L	U	U	2.27	4.45
HAA 8B	9/12/2018 0:00	GROSS ALPHA	15	0.0558	pCi/L	U	U	0.919	1.861
HAA017D	2/12/2018 12:53	GROSS ALPHA	15	-0.0105	pCi/L	U	U	2.41	4.11
HAA 10D	2/7/2018 9:37	GROSS ALPHA	15	-0.0137	pCi/L	U	U	2.52	4.31
HAA 2C	2/6/2018 14:00	GROSS ALPHA	15	-0.0683	pCi/L	U	U	2.43	4.25
HAA 9C	2/7/2018 11:21	GROSS ALPHA	15	-0.071	pCi/L	U	U	2.44	4.26
HAA 4C	2/7/2018 10:16	GROSS ALPHA	15	-0.0717	pCi/L	U	U	2.52	4.4
HAA 7C	2/7/2018 9:40	GROSS ALPHA	15	-0.0735	pCi/L	U	U	2.48	4.33
HAA 7B	9/12/2018 8:30	GROSS ALPHA	15	-0.0758	pCi/L	U	U	2.51	4.63
HAA 14C	9/19/2018 0:00	GROSS ALPHA	15	-0.08272	pCi/L	U	UJ	1.04	2.004
HAA 14C	2/7/2018 14:03	GROSS ALPHA	15	-0.09655	pCi/L	U	U	1.21	2.39
HAA 8B	2/5/2018 0:00	GROSS ALPHA	15	-0.2342	pCi/L	U	U	1.09	2.118
HAA 9C	9/12/2018 9:40	GROSS ALPHA	15	-0.255	pCi/L	U	U	2.29	4.2
HAA 12B	9/17/2018 15:00	GROSS ALPHA	15	-0.316	pCi/L	U	U	2.53	4.52
HAA 8D	2/5/2018 9:50	GROSS ALPHA	15	-0.412	pCi/L	U	U	2.42	3.02
HAA018C	2/12/2018 13:46	GROSS ALPHA	15	-0.412	pCi/L	U	U	2.43	3.03

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA018C	2/12/2018 0:00	GROSS ALPHA	15	-0.414	pCi/L	U	U	2.44	3.04
HAA 15C	2/12/2018 9:52	GROSS ALPHA	15	-0.416	pCi/L	U	U	2.44	3.05
HAA 14C	2/7/2018 14:03	GROSS ALPHA	15	-0.422	pCi/L	U	U	2.48	3.1
HAA 1A	2/5/2018 13:06	GROSS ALPHA	15	-0.436	pCi/L	U	U	2.56	3.2
HAA 11C	2/6/2018 10:10	GROSS ALPHA	15	-0.458	pCi/L	U	U	2.45	3.41
HAA 12B	2/6/2018 11:38	GROSS ALPHA	15	-0.474	pCi/L	U	U	2.53	3.51
HAA 10B	2/7/2018 8:26	GROSS ALPHA	15	-0.484	pCi/L	U	U	2.57	3.56
HAA 11B	2/6/2018 9:37	GROSS ALPHA	15	-0.486	pCi/L	U	U	2.58	3.57
HAA 10D	**2/7/2018 9:37**	**MANGANESE**	**430[a]**	**484**	**ug/L**			**1**	**5**
HAA 10D	9/13/2018 7:41	MANGANESE	430[a]	405	ug/L			1	5
HAA017C	2/12/2018 12:16	MANGANESE	430[a]	151	ug/L			1	5
HAA019D	2/7/2018 12:49	MANGANESE	430[a]	151	ug/L			1	5
HAA019D	9/13/2018 9:08	MANGANESE	430[a]	133	ug/L			1	5
HAA018D	9/25/2018 10:40	MANGANESE	430[a]	113	ug/L			1	5
HAA018D	2/12/2018 14:28	MANGANESE	430[a]	105	ug/L			1	5
HAA 15C	9/17/2018 13:56	MANGANESE	430[a]	76.9	ug/L			1	5
HAA017D	9/20/2018 13:04	MANGANESE	430[a]	61.7	ug/L			1	5
HAA017D	2/12/2018 12:53	MANGANESE	430[a]	59.4	ug/L			1	5
HAA021D	9/13/2018 13:19	MANGANESE	430[a]	58	ug/L			1	5
HAA017C	9/20/2018 10:49	MANGANESE	430[a]	56.3	ug/L			1	5
HAA 7C	2/7/2018 9:40	MANGANESE	430[a]	53.7	ug/L			1	5
HAA018C	2/12/2018 13:46	MANGANESE	430[a]	49.2	ug/L			1	5
HAA018C	2/12/2018 0:00	MANGANESE	430[a]	40.7	ug/L			1	5
HAA 4D	2/7/2018 11:39	MANGANESE	430[a]	37.2	ug/L			1	5
HAA 8C	2/5/2018 10:39	MANGANESE	430[a]	37	ug/L			1	5
HAA 1C	2/5/2018 13:55	MANGANESE	430[a]	36.9	ug/L			1	5
HAA 8C	9/12/2018 11:48	MANGANESE	430[a]	35.4	ug/L			1	5
HAA 4D	9/20/2018 9:35	MANGANESE	430[a]	30.7	ug/L			1	5
HAA 15C	2/12/2018 9:52	MANGANESE	430[a]	30.4	ug/L			1	5
HAA021D	2/6/2018 11:39	MANGANESE	430[a]	28.9	ug/L			1	5
HAA 1C	9/12/2018 13:40	MANGANESE	430[a]	26.7	ug/L			1	5
HAA018C	9/25/2018 0:00	MANGANESE	430[a]	22.9	ug/L			1	5
HAA 2C	9/12/2018 9:48	MANGANESE	430[a]	19.8	ug/L			1	5
HAA 2C	2/6/2018 14:00	MANGANESE	430[a]	19.5	ug/L			1	5
HAA018C	9/25/2018 8:51	MANGANESE	430[a]	18	ug/L			1	5
HAA021C	2/6/2018 9:32	MANGANESE	430[a]	17.9	ug/L			1	5
HAA021C	9/13/2018 13:08	MANGANESE	430[a]	15.8	ug/L			1	5
HAA 7C	9/12/2018 9:36	MANGANESE	430[a]	13.6	ug/L			1	5
HAA 12C	2/6/2018 12:40	MANGANESE	430[a]	13.6	ug/L			1	5
HAA 12C	9/13/2018 8:34	MANGANESE	430[a]	12.3	ug/L			1	5
HAA 8D	9/12/2018 12:05	MANGANESE	430[a]	10.1	ug/L			1	5
HAA 13D	9/13/2018 13:33	MANGANESE	430[a]	8.78	ug/L			1	5
HAA 10C	2/7/2018 9:22	MANGANESE	430[a]	8.75	ug/L			1	5
HAA 11B	9/27/2018 10:57	MANGANESE	430[a]	8.47	ug/L			1	5
HAA 10C	9/13/2018 11:00	MANGANESE	430[a]	6.68	ug/L			1	5
HAA020D	9/13/2018 9:45	MANGANESE	430[a]	6.52	ug/L			1	5
HAA020D	2/6/2018 12:22	MANGANESE	430[a]	6.23	ug/L			1	5
HAA 1D	2/5/2018 14:30	MANGANESE	430[a]	6.21	ug/L			1	5
HAA 7B	9/12/2018 8:30	MANGANESE	430[a]	6.15	ug/L			1	5
HAA 13D	2/6/2018 10:07	MANGANESE	430[a]	5.92	ug/L			1	5
HAA 9C	2/7/2018 11:21	MANGANESE	430[a]	5.77	ug/L			1	5
HAA 8D	2/5/2018 9:50	MANGANESE	430[a]	5.55	ug/L			1	5
HAA 7D	2/7/2018 9:26	MANGANESE	430[a]	5.22	ug/L			1	5
HAA 2D	2/6/2018 12:59	MANGANESE	430[a]	5.17	ug/L			1	5
HAA 1A	2/5/2018 13:06	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 1A	9/12/2018 12:54	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 4B	2/7/2018 9:08	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 4B	9/20/2018 8:30	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 4C	2/7/2018 10:16	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 9B	2/7/2018 10:35	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 9B	9/12/2018 8:53	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 10B	9/13/2018 10:10	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 10B	9/13/2018 0:00	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 11B	2/6/2018 9:37	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 11C	9/13/2018 11:05	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 12B	2/6/2018 11:38	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 12B	9/17/2018 15:00	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 13B	2/6/2018 8:30	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 13B	9/13/2018 8:19	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 13C	2/6/2018 9:25	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 13C	9/13/2018 10:14	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 14B	2/7/2018 13:11	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 14B	9/19/2018 12:00	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 14C	2/7/2018 14:03	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 14C	9/19/2018 10:20	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 15B	9/17/2018 13:03	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA019C	2/7/2018 13:46	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA019C	9/13/2018 10:00	MANGANESE	430[a]	5	ug/L	U	U	1	5
HAA 10B	2/7/2018 8:26	MANGANESE	430[a]	4.89	ug/L	J	J	1	5

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 10B	2/7/2018 0:00	MANGANESE	430[a]	4.8	ug/L	J	J	1	5
HAA020C	9/13/2018 9:16	MANGANESE	430[a]	4.66	ug/L	J	J	1	5
HAA 7D	9/12/2018 10:04	MANGANESE	430[a]	4.5	ug/L	J	J	1	5
HAA 1D	9/12/2018 14:57	MANGANESE	430[a]	4.1	ug/L	J	J	1	5
HAA 9C	9/12/2018 9:40	MANGANESE	430[a]	4.05	ug/L	J	J	1	5
HAA 14C	9/19/2018 0:00	MANGANESE	430[a]	4	ug/L	U	U	2	4
HAA 9D	2/7/2018 11:48	MANGANESE	430[a]	3.91	ug/L	J	J	1	5
HAA 9D	9/12/2018 10:07	MANGANESE	430[a]	3.89	ug/L	J	J	1	5
HAA020C	2/6/2018 8:41	MANGANESE	430[a]	3.77	ug/L	J	J	1	5
HAA 2D	9/12/2018 11:08	MANGANESE	430[a]	3.47	ug/L	J	J	1	5
HAA 8B	9/12/2018 0:00	MANGANESE	430[a]	3.3	ug/L	J	J	2	4
HAA 8B	2/5/2018 0:00	MANGANESE	430[a]	3.1	ug/L			0.9	2
HAA 14D	2/7/2018 15:08	MANGANESE	430[a]	2.78	ug/L	J	J	1	5
HAA 8B	2/5/2018 9:24	MANGANESE	430[a]	2.65	ug/L	J	J	1	5
HAA 15B	2/12/2018 8:47	MANGANESE	430[a]	2.58	ug/L	J	J	1	5
HAA 8B	9/12/2018 11:18	MANGANESE	430[a]	2.51	ug/L	J	J	1	5
HAA 14D	9/19/2018 11:00	MANGANESE	430[a]	2.5	ug/L	J	J	1	5
HAA 15D	9/17/2018 14:48	MANGANESE	430[a]	2.41	ug/L	J	J	1	5
HAA 11D	2/6/2018 10:40	MANGANESE	430[a]	2.35	ug/L	J	J	1	5
HAA 7B	2/7/2018 8:30	MANGANESE	430[a]	2.3	ug/L	J	J	1	5
HAA 14C	2/7/2018 14:03	MANGANESE	430[a]	2	ug/L	U	U	0.9	2
HAA 11D	9/13/2018 11:34	MANGANESE	430[a]	1.88	ug/L	J	J	1	5
HAA 4C	9/20/2018 9:10	MANGANESE	430[a]	1.54	ug/L	J	J	1	5
HAA 15D	2/12/2018 11:18	MANGANESE	430[a]	1.48	ug/L	J	J	1	5
HAA 12D	2/6/2018 14:00	MANGANESE	430[a]	1.41	ug/L	J	J	1	5
HAA 11C	2/6/2018 10:10	MANGANESE	430[a]	1.36	ug/L	J	J	1	5
HAA 12D	9/13/2018 7:53	MANGANESE	430[a]	1.26	ug/L	J	J	1	5
HAA 2B	2/6/2018 13:21	MANGANESE	430[a]	1.21	ug/L	J	J	1	5
HAA 2B	9/12/2018 8:34	MANGANESE	430[a]	1.05	ug/L	J	J	1	5
HAA 4D	9/20/2018 9:35	NEPTUNIUM-237	15	-0.016	pCi/L	U	U	0.562	1.04
HAA 4D	2/7/2018 11:39	NEPTUNIUM-237	15	-0.0352	pCi/L	U	U	0.492	0.906
HAA 4D	9/20/2018 9:35	NEPTUNIUM-237	15	-0.0557	pCi/L	U	U	0.473	0.809
HAA 4D	**2/7/2018 11:39**	**NITRATE-NITRITE AS NITROGEN**	**10**	**34.8**	**mg/L**			**0.39**	**1**
HAA 4D	9/20/2018 9:35	NITRATE-NITRITE AS NITROGEN	10	7.15	mg/L			0.39	1
HAA 14D	9/19/2018 11:00	NITRATE-NITRITE AS NITROGEN	10	4.96	mg/L			0.078	0.2
HAA 12C	9/13/2018 8:34	NITRATE-NITRITE AS NITROGEN	10	3.46	mg/L			0.078	0.2
HAA 12C	2/6/2018 12:40	NITRATE-NITRITE AS NITROGEN	10	3.43	mg/L			0.078	0.2
HAA 11D	9/13/2018 11:34	NITRATE-NITRITE AS NITROGEN	10	2.66	mg/L			0.078	0.2
HAA 11D	2/6/2018 10:40	NITRATE-NITRITE AS NITROGEN	10	2.54	mg/L			0.078	0.2
HAA 12D	2/6/2018 14:00	NITRATE-NITRITE AS NITROGEN	10	2.26	mg/L			0.078	0.2
HAA 12D	9/13/2018 7:53	NITRATE-NITRITE AS NITROGEN	10	2.12	mg/L			0.078	0.2
HAA 8C	9/12/2018 11:48	NITRATE-NITRITE AS NITROGEN	10	2.08	mg/L			0.078	0.2
HAA021D	9/13/2018 13:19	NITRATE-NITRITE AS NITROGEN	10	2.08	mg/L			0.078	0.2
HAA 8C	2/5/2018 10:39	NITRATE-NITRITE AS NITROGEN	10	2.06	mg/L			0.078	0.2
HAA021D	2/6/2018 11:39	NITRATE-NITRITE AS NITROGEN	10	2.02	mg/L			0.078	0.2
HAA 13D	9/13/2018 13:33	NITRATE-NITRITE AS NITROGEN	10	1.95	mg/L			0.078	0.2
HAA 10C	9/13/2018 11:00	NITRATE-NITRITE AS NITROGEN	10	1.91	mg/L			0.078	0.2
HAA 1D	9/12/2018 14:57	NITRATE-NITRITE AS NITROGEN	10	1.89	mg/L			0.078	0.2
HAA017D	9/20/2018 13:04	NITRATE-NITRITE AS NITROGEN	10	1.89	mg/L			0.078	0.2
HAA017D	2/12/2018 12:53	NITRATE-NITRITE AS NITROGEN	10	1.88	mg/L			0.39	1
HAA 9C	9/12/2018 9:40	NITRATE-NITRITE AS NITROGEN	10	1.86	mg/L			0.078	0.2
HAA 14D	2/7/2018 15:08	NITRATE-NITRITE AS NITROGEN	10	1.86	mg/L			0.078	0.2
HAA 4B	2/7/2018 9:08	NITRATE-NITRITE AS NITROGEN	10	1.78	mg/L			0.078	0.2
HAA 15D	9/17/2018 14:48	NITRATE-NITRITE AS NITROGEN	10	1.78	mg/L			0.078	0.2
HAA 15D	2/12/2018 11:18	NITRATE-NITRITE AS NITROGEN	10	1.74	mg/L			0.078	0.2
HAA 10C	2/7/2018 9:22	NITRATE-NITRITE AS NITROGEN	10	1.72	mg/L			0.078	0.2
HAA 9C	2/7/2018 11:21	NITRATE-NITRITE AS NITROGEN	10	1.7	mg/L			0.078	0.2
HAA 13D	2/6/2018 10:07	NITRATE-NITRITE AS NITROGEN	10	1.69	mg/L			0.078	0.2
HAA019D	2/7/2018 12:49	NITRATE-NITRITE AS NITROGEN	10	1.64	mg/L			0.078	0.2
HAA018D	2/12/2018 14:28	NITRATE-NITRITE AS NITROGEN	10	1.58	mg/L			0.078	0.2
HAA019D	9/13/2018 9:08	NITRATE-NITRITE AS NITROGEN	10	1.56	mg/L			0.39	1
HAA 1D	2/5/2018 14:30	NITRATE-NITRITE AS NITROGEN	10	1.48	mg/L			0.078	0.2
HAA 11C	9/13/2018 11:05	NITRATE-NITRITE AS NITROGEN	10	1.43	mg/L			0.078	0.2
HAA 15B	2/12/2018 8:47	NITRATE-NITRITE AS NITROGEN	10	1.41	mg/L			0.078	0.2
HAA 15B	9/17/2018 13:03	NITRATE-NITRITE AS NITROGEN	10	1.39	mg/L			0.078	0.2
HAA 7D	2/7/2018 9:26	NITRATE-NITRITE AS NITROGEN	10	1.38	mg/L			0.078	0.2
HAA 4B	9/20/2018 8:30	NITRATE-NITRITE AS NITROGEN	10	1.36	mg/L			0.078	0.2
HAA 8D	9/12/2018 12:05	NITRATE-NITRITE AS NITROGEN	10	1.35	mg/L			0.078	0.2
HAA018D	9/25/2018 10:40	NITRATE-NITRITE AS NITROGEN	10	1.35	mg/L			0.078	0.2
HAA 8D	2/5/2018 9:50	NITRATE-NITRITE AS NITROGEN	10	1.29	mg/L			0.078	0.2
HAA 9D	9/12/2018 10:07	NITRATE-NITRITE AS NITROGEN	10	1.29	mg/L			0.078	0.2
HAA 7D	9/12/2018 10:04	NITRATE-NITRITE AS NITROGEN	10	1.28	mg/L			0.078	0.2
HAA020D	9/13/2018 9:45	NITRATE-NITRITE AS NITROGEN	10	1.28	mg/L			0.078	0.2
HAA 10B	2/7/2018 8:26	NITRATE-NITRITE AS NITROGEN	10	1.26	mg/L		J	0.078	0.2
HAA020D	2/6/2018 12:22	NITRATE-NITRITE AS NITROGEN	10	1.24	mg/L			0.078	0.2
HAA021C	2/6/2018 9:32	NITRATE-NITRITE AS NITROGEN	10	1.11	mg/L			0.078	0.2
HAA 15C	2/12/2018 9:52	NITRATE-NITRITE AS NITROGEN	10	1.09	mg/L			0.078	0.2
HAA021C	9/13/2018 13:08	NITRATE-NITRITE AS NITROGEN	10	1.07	mg/L			0.078	0.2
HAA 15C	9/17/2018 13:56	NITRATE-NITRITE AS NITROGEN	10	1.06	mg/L			0.078	0.2

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 11C	2/6/2018 10:10	NITRATE-NITRITE AS NITROGEN	10	1.03	mg/L			0.078	0.2
HAA 10B	2/7/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	1.01	mg/L		J	0.078	0.2
HAA 9D	2/7/2018 11:48	NITRATE-NITRITE AS NITROGEN	10	0.875	mg/L			0.078	0.2
HAA 10B	9/13/2018 10:10	NITRATE-NITRITE AS NITROGEN	10	0.82	mg/L			0.078	0.2
HAA 11B	2/6/2018 9:37	NITRATE-NITRITE AS NITROGEN	10	0.82	mg/L			0.078	0.2
HAA 10B	9/13/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	0.816	mg/L			0.078	0.2
HAA 11B	9/27/2018 10:57	NITRATE-NITRITE AS NITROGEN	10	0.786	mg/L			0.0156	0.04
HAA019C	2/7/2018 13:46	NITRATE-NITRITE AS NITROGEN	10	0.782	mg/L			0.0078	0.02
HAA 11B	9/27/2018 10:57	NITRATE-NITRITE AS NITROGEN	10	0.777	mg/L			0.0156	0.04
HAA019C	9/13/2018 10:00	NITRATE-NITRITE AS NITROGEN	10	0.759	mg/L			0.078	0.2
HAA020C	9/13/2018 9:16	NITRATE-NITRITE AS NITROGEN	10	0.736	mg/L			0.0078	0.02
HAA020C	2/6/2018 8:41	NITRATE-NITRITE AS NITROGEN	10	0.714	mg/L			0.0078	0.02
HAA018C	9/25/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	0.687	mg/L		J	0.078	0.2
HAA 2D	9/12/2018 11:08	NITRATE-NITRITE AS NITROGEN	10	0.616	mg/L			0.0078	0.02
HAA 14C	9/19/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	0.6	mg/L	J	J	0.44	1
HAA 10D	2/7/2018 9:37	NITRATE-NITRITE AS NITROGEN	10	0.587	mg/L			0.0078	0.02
HAA 2C	9/12/2018 9:48	NITRATE-NITRITE AS NITROGEN	10	0.564	mg/L			0.0078	0.02
HAA 13B	9/13/2018 8:19	NITRATE-NITRITE AS NITROGEN	10	0.563	mg/L			0.0078	0.02
HAA 2C	2/6/2018 14:00	NITRATE-NITRITE AS NITROGEN	10	0.561	mg/L			0.0078	0.02
HAA 13B	2/6/2018 8:30	NITRATE-NITRITE AS NITROGEN	10	0.53	mg/L			0.0078	0.02
HAA 2D	2/6/2018 12:59	NITRATE-NITRITE AS NITROGEN	10	0.512	mg/L			0.0078	0.02
HAA 14C	9/19/2018 10:20	NITRATE-NITRITE AS NITROGEN	10	0.44	mg/L			0.0078	0.02
HAA 14C	9/19/2018 10:20	NITRATE-NITRITE AS NITROGEN	10	0.439	mg/L			0.0078	0.02
HAA 4C	9/20/2018 9:10	NITRATE-NITRITE AS NITROGEN	10	0.427	mg/L			0.0078	0.02
HAA 4C	2/7/2018 10:16	NITRATE-NITRITE AS NITROGEN	10	0.418	mg/L			0.0078	0.02
HAA 14C	2/7/2018 14:03	NITRATE-NITRITE AS NITROGEN	10	0.4	mg/L			0.022	0.05
HAA 13C	9/13/2018 10:14	NITRATE-NITRITE AS NITROGEN	10	0.322	mg/L			0.0078	0.02
HAA 13C	9/13/2018 10:14	NITRATE-NITRITE AS NITROGEN	10	0.319	mg/L			0.0078	0.02
HAA 13C	2/6/2018 9:25	NITRATE-NITRITE AS NITROGEN	10	0.317	mg/L			0.0078	0.02
HAA 10D	9/13/2018 7:41	NITRATE-NITRITE AS NITROGEN	10	0.294	mg/L			0.0078	0.02
HAA 14B	2/7/2018 13:11	NITRATE-NITRITE AS NITROGEN	10	0.279	mg/L			0.0078	0.02
HAA 14C	2/7/2018 14:03	NITRATE-NITRITE AS NITROGEN	10	0.274	mg/L			0.078	0.2
HAA 8B	9/12/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	0.25	mg/L	U	J	0.11	0.25
HAA 14B	9/19/2018 12:00	NITRATE-NITRITE AS NITROGEN	10	0.236	mg/L			0.0078	0.02
HAA 14B	9/19/2018 12:00	NITRATE-NITRITE AS NITROGEN	10	0.234	mg/L			0.0078	0.02
HAA 9B	2/7/2018 10:35	NITRATE-NITRITE AS NITROGEN	10	0.199	mg/L		J	0.0078	0.02
HAA 2B	9/12/2018 8:34	NITRATE-NITRITE AS NITROGEN	10	0.143	mg/L			0.0078	0.02
HAA017C	2/12/2018 12:16	NITRATE-NITRITE AS NITROGEN	10	0.141	mg/L			0.0078	0.02
HAA018C	2/12/2018 13:46	NITRATE-NITRITE AS NITROGEN	10	0.139	mg/L			0.0078	0.02
HAA018C	2/12/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	0.137	mg/L			0.0078	0.02
HAA018C	2/12/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	0.137	mg/L			0.0078	0.02
HAA 9B	9/12/2018 8:53	NITRATE-NITRITE AS NITROGEN	10	0.131	mg/L			0.0078	0.02
HAA 9B	9/12/2018 8:53	NITRATE-NITRITE AS NITROGEN	10	0.127	mg/L			0.0078	0.02
HAA 12B	2/6/2018 11:38	NITRATE-NITRITE AS NITROGEN	10	0.116	mg/L			0.0078	0.02
HAA 1A	9/12/2018 12:54	NITRATE-NITRITE AS NITROGEN	10	0.115	mg/L			0.0078	0.02
HAA 12B	2/6/2018 11:38	NITRATE-NITRITE AS NITROGEN	10	0.111	mg/L			0.0078	0.02
HAA 12B	9/17/2018 15:00	NITRATE-NITRITE AS NITROGEN	10	0.0971	mg/L			0.0078	0.02
HAA 8B	2/5/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	0.094	mg/L			0.022	0.05
HAA 8B	9/12/2018 11:18	NITRATE-NITRITE AS NITROGEN	10	0.0939	mg/L			0.0078	0.02
HAA 8B	2/5/2018 0:00	NITRATE-NITRITE AS NITROGEN	10	0.0931	mg/L			0.022	0.05
HAA018C	9/25/2018 8:51	NITRATE-NITRITE AS NITROGEN	10	0.0905	mg/L		J	0.0078	0.02
HAA 12B	9/17/2018 15:00	NITRATE-NITRITE AS NITROGEN	10	0.0899	mg/L			0.0078	0.02
HAA 8B	2/5/2018 9:24	NITRATE-NITRITE AS NITROGEN	10	0.0854	mg/L		J	0.0078	0.02
HAA 8B	2/5/2018 9:24	NITRATE-NITRITE AS NITROGEN	10	0.0854	mg/L		J	0.0078	0.02
HAA 2B	2/6/2018 13:21	NITRATE-NITRITE AS NITROGEN	10	0.081	mg/L			0.0078	0.02
HAA 7B	9/12/2018 8:30	NITRATE-NITRITE AS NITROGEN	10	0.0804	mg/L			0.0078	0.02
HAA 7B	2/7/2018 8:30	NITRATE-NITRITE AS NITROGEN	10	0.0768	mg/L			0.0078	0.02
HAA017C	9/20/2018 10:49	NITRATE-NITRITE AS NITROGEN	10	0.0734	mg/L			0.0078	0.02
HAA 1C	9/12/2018 13:40	NITRATE-NITRITE AS NITROGEN	10	0.0491	mg/L			0.0078	0.02
HAA 7C	9/12/2018 9:36	NITRATE-NITRITE AS NITROGEN	10	0.0371	mg/L			0.0078	0.02
HAA 1A	2/5/2018 13:06	NITRATE-NITRITE AS NITROGEN	10	0.036	mg/L			0.0078	0.02
HAA 7C	2/7/2018 9:40	NITRATE-NITRITE AS NITROGEN	10	0.0336	mg/L		J	0.0078	0.02
HAA 1C	2/5/2018 13:55	NITRATE-NITRITE AS NITROGEN	10	0.02	mg/L	U	U	0.0078	0.02
HAA 4D	9/20/2018 9:35	NONVOLATILE BETA	50	23.5	pCi/L			3.03	10.2
HAA 4D	2/7/2018 11:39	NONVOLATILE BETA	50	22.9	pCi/L			2.5	9.1
HAA 4B	9/20/2018 8:30	NONVOLATILE BETA	50	10.3	pCi/L			2.92	8.06
HAA 7D	2/7/2018 9:26	NONVOLATILE BETA	50	8.49	pCi/L	J	J	4.3	11.9
HAA 12D	2/6/2018 14:00	NONVOLATILE BETA	50	7.54	pCi/L	J	J	4.3	11.7
HAA 10D	2/7/2018 9:37	NONVOLATILE BETA	50	5.75	pCi/L	J	J	3.74	9.86
HAA 15C	2/12/2018 9:52	NONVOLATILE BETA	50	5.29	pCi/L	J	J	3.72	9.67
HAA020D	2/6/2018 12:22	NONVOLATILE BETA	50	5.25	pCi/L	J	J	4.87	12.1
HAA 10D	9/13/2018 7:41	NONVOLATILE BETA	50	5.17	pCi/L	J	J	2.11	5.45
HAA018C	9/25/2018 8:51	NONVOLATILE BETA	50	5.16	pCi/L	J	J	2.79	6.95
HAA 4B	9/20/2018 8:30	NONVOLATILE BETA	50	4.91	pCi/L	J	J	2.28	5.96
HAA 12C	2/6/2018 12:40	NONVOLATILE BETA	50	4.46	pCi/L	J	J	4.3	10.8
HAA 8D	2/5/2018 9:50	NONVOLATILE BETA	50	3.86	pCi/L	J	J	3.72	9.19
HAA 12C	9/13/2018 8:34	NONVOLATILE BETA	50	3.86	pCi/L	J	J	1.97	4.95
HAA 11D	2/6/2018 10:40	NONVOLATILE BETA	50	3.62	pCi/L	U	U	4.24	10.5
HAA 13C	9/13/2018 10:14	NONVOLATILE BETA	50	3.52	pCi/L	J	J	2.68	6.38

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 15C	9/17/2018 13:56	NONVOLATILE BETA	50	3.42	pCi/L	J	J	3.26	7.48
HAA018D	9/25/2018 10:40	NONVOLATILE BETA	50	3.33	pCi/L	J	J	2.41	5.83
HAA 1C	9/12/2018 13:40	NONVOLATILE BETA	50	3.14	pCi/L	J	J	2.79	6.53
HAA 1D	2/5/2018 14:30	NONVOLATILE BETA	50	3.11	pCi/L	U	U	3.74	8.97
HAA 4B	2/7/2018 9:08	NONVOLATILE BETA	50	3.02	pCi/L	U	U	4.2	10.2
HAA018D	2/12/2018 14:28	NONVOLATILE BETA	50	3.02	pCi/L	U	U	3.78	9.01
HAA 7D	9/12/2018 10:04	NONVOLATILE BETA	50	2.92	pCi/L	J	J	1.93	4.65
HAA 7C	2/7/2018 9:40	NONVOLATILE BETA	50	2.89	pCi/L	U	U	4.14	10
HAA 14D	9/19/2018 11:00	NONVOLATILE BETA	50	2.86	pCi/L	J	J	2.34	5.42
HAA 11B	2/6/2018 9:37	NONVOLATILE BETA	50	2.76	pCi/L	U	U	4.1	9.92
HAA020D	9/13/2018 9:45	NONVOLATILE BETA	50	2.65	pCi/L	J	J	1.84	4.44
HAA 13D	9/13/2018 13:33	NONVOLATILE BETA	50	2.62	pCi/L	U	U	3.78	8.38
HAA017C	9/20/2018 10:49	NONVOLATILE BETA	50	2.55	pCi/L	J	J	2.36	5.62
HAA019D	9/13/2018 9:08	NONVOLATILE BETA	50	2.53	pCi/L	U	U	2.76	6.26
HAA 11B	9/27/2018 10:57	NONVOLATILE BETA	50	2.52	pCi/L	J	J	1.79	4.37
HAA 13B	2/6/2018 8:30	NONVOLATILE BETA	50	2.45	pCi/L	U	U	4.27	10.1
HAA 15D	9/17/2018 14:48	NONVOLATILE BETA	50	2.43	pCi/L	U	U	2.94	6.64
HAA 9B	9/12/2018 8:53	NONVOLATILE BETA	50	2.33	pCi/L	U	U	2.7	6.16
HAA 10B	2/7/2018 8:26	NONVOLATILE BETA	50	2.29	pCi/L	U	U	4.1	9.76
HAA 14C	9/19/2018 10:20	NONVOLATILE BETA	50	2.15	pCi/L	U	U	2.57	5.75
HAA 1C	2/5/2018 13:55	NONVOLATILE BETA	50	2.14	pCi/L	U	U	3.75	8.64
HAA 2B	2/6/2018 13:21	NONVOLATILE BETA	50	2.08	pCi/L	U	U	4.21	9.91
HAA 9C	2/7/2018 11:21	NONVOLATILE BETA	50	1.93	pCi/L	U	U	4.13	9.71
HAA 1D	9/12/2018 14:57	NONVOLATILE BETA	50	1.85	pCi/L	U	U	2.36	5.36
HAA 12D	9/13/2018 7:53	NONVOLATILE BETA	50	1.81	pCi/L	U	U	2.45	5.53
HAA 14C	2/7/2018 14:03	NONVOLATILE BETA	50	1.74	pCi/L	U	U	3.72	8.42
HAA 7B	2/7/2018 8:30	NONVOLATILE BETA	50	1.73	pCi/L	U	U	4.26	9.88
HAA017C	2/12/2018 12:16	NONVOLATILE BETA	50	1.69	pCi/L	U	U	3.74	8.42
HAA 9B	2/7/2018 10:35	NONVOLATILE BETA	50	1.6	pCi/L	U	U	4.21	9.76
HAA 13C	2/6/2018 9:25	NONVOLATILE BETA	50	1.59	pCi/L	U	U	4.2	9.72
HAA 15B	9/17/2018 13:03	NONVOLATILE BETA	50	1.57	pCi/L	U	U	2.15	4.79
HAA 1A	2/5/2018 13:06	NONVOLATILE BETA	50	1.51	pCi/L	U	U	3.73	8.34
HAA017D	9/20/2018 13:04	NONVOLATILE BETA	50	1.49	pCi/L	U	U	2.45	5.45
HAA 14B	2/7/2018 13:11	NONVOLATILE BETA	50	1.46	pCi/L	U	U	3.75	8.36
HAA019C	9/13/2018 10:00	NONVOLATILE BETA	50	1.46	pCi/L	U	U	3.79	8.23
HAA 8B	9/12/2018 11:18	NONVOLATILE BETA	50	1.45	pCi/L	U	U	2.39	5.35
HAA 14B	9/19/2018 12:00	NONVOLATILE BETA	50	1.43	pCi/L	U	U	2.31	5.11
HAA019C	2/7/2018 13:46	NONVOLATILE BETA	50	1.43	pCi/L	U	U	3.75	8.35
HAA 8C	9/12/2018 11:48	NONVOLATILE BETA	50	1.36	pCi/L	U	U	2.54	5.58
HAA 2B	9/12/2018 8:34	NONVOLATILE BETA	50	1.34	pCi/L	U	U	1.81	4.07
HAA 9C	9/12/2018 9:40	NONVOLATILE BETA	50	1.32	pCi/L	U	U	2.41	5.31
HAA020C	9/13/2018 9:16	NONVOLATILE BETA	50	1.25	pCi/L	U	U	2.24	4.94
HAA 10C	2/7/2018 9:22	NONVOLATILE BETA	50	1.22	pCi/L	U	U	3.74	8.24
HAA 15B	2/12/2018 8:47	NONVOLATILE BETA	50	1.22	pCi/L	U	U	3.74	8.24
HAA 13B	9/13/2018 8:19	NONVOLATILE BETA	50	1.18	pCi/L	U	U	2	4.44
HAA 10C	9/13/2018 11:00	NONVOLATILE BETA	50	1.13	pCi/L	U	U	2.33	5.11
HAA021D	9/13/2018 13:19	NONVOLATILE BETA	50	1.07	pCi/L	U	U	2.7	5.84
HAA 7B	9/12/2018 8:30	NONVOLATILE BETA	50	1.02	pCi/L	U	U	2.22	4.86
HAA017D	2/12/2018 12:53	NONVOLATILE BETA	50	1	pCi/L	U	U	3.73	8.11
HAA 4C	2/7/2018 10:16	NONVOLATILE BETA	50	0.988	pCi/L	U	U	4.15	9.4
HAA018C	9/25/2018 0:00	NONVOLATILE BETA	50	0.944	pCi/L	U	U	2.09	4.55
HAA 11C	9/13/2018 11:05	NONVOLATILE BETA	50	0.908	pCi/L	U	U	1.99	4.35
HAA021C	9/13/2018 13:08	NONVOLATILE BETA	50	0.895	pCi/L	U	U	3.05	6.55
HAA 1A	9/12/2018 12:54	NONVOLATILE BETA	50	0.889	pCi/L	U	U	1.65	3.64
HAA020C	2/6/2018 8:41	NONVOLATILE BETA	50	0.774	pCi/L	U	U	4.25	9.54
HAA019D	2/7/2018 12:49	NONVOLATILE BETA	50	0.747	pCi/L	U	U	3.74	8.04
HAA 8B	2/5/2018 0:00	NONVOLATILE BETA	50	0.7282	pCi/L	U	U	1.01	2.268
HAA 8B	9/12/2018 0:00	NONVOLATILE BETA	50	0.715	pCi/L	U	U	0.934	2.11
HAA 2D	9/12/2018 11:08	NONVOLATILE BETA	50	0.706	pCi/L	U	U	2.32	4.94
HAA 9D	9/12/2018 10:07	NONVOLATILE BETA	50	0.567	pCi/L	U	U	2.13	4.51
HAA 14C	2/7/2018 14:03	NONVOLATILE BETA	50	0.5508	pCi/L	U	U	1.03	2.28
HAA 2C	9/12/2018 9:48	NONVOLATILE BETA	50	0.544	pCi/L	U	U	1.76	3.8
HAA 8C	2/5/2018 10:39	NONVOLATILE BETA	50	0.51	pCi/L	U	U	3.74	7.92
HAA 12B	9/17/2018 15:00	NONVOLATILE BETA	50	0.459	pCi/L	U	U	3.44	7.26
HAA 10C	2/7/2018 9:22	NONVOLATILE BETA	50	0.418	pCi/L	U	U	3.79	7.98
HAA 12B	2/6/2018 11:38	NONVOLATILE BETA	50	0.38	pCi/L	U	U	4.09	9.07
HAA 9B	9/12/2018 8:53	NONVOLATILE BETA	50	0.368	pCi/L	U	U	2.01	4.19
HAA 10B	9/13/2018 0:00	NONVOLATILE BETA	50	0.366	pCi/L	U	U	2.24	4.78
HAA 13D	2/6/2018 10:07	NONVOLATILE BETA	50	0.344	pCi/L	U	U	4.46	9.81
HAA 8D	9/12/2018 12:05	NONVOLATILE BETA	50	0.338	pCi/L	U	U	2.47	5.15
HAA 8B	2/5/2018 0:00	NONVOLATILE BETA	50	0.324	pCi/L	U	U	0.99	2.172
HAA021C	2/6/2018 9:32	NONVOLATILE BETA	50	0.297	pCi/L	U	U	4.25	9.35
HAA021D	2/6/2018 11:39	NONVOLATILE BETA	50	0.297	pCi/L	U	U	4.24	9.35
HAA 14C	9/19/2018 0:00	NONVOLATILE BETA	50	0.295	pCi/L	U	U	0.903	1.985
HAA 14C	9/19/2018 0:00	NONVOLATILE BETA	50	0.293	pCi/L	U	U	0.918	1.994
HAA 2C	2/6/2018 14:00	NONVOLATILE BETA	50	0.274	pCi/L	U	U	4.13	9.11
HAA 14C	2/7/2018 14:03	NONVOLATILE BETA	50	0.262	pCi/L	U	U	1.08	2.352
HAA 11D	9/13/2018 11:34	NONVOLATILE BETA	50	0.234	pCi/L	U	U	2.14	4.48
HAA018C	2/12/2018 0:00	NONVOLATILE BETA	50	0.0826	pCi/L	U	U	3.72	7.68

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 9D	2/7/2018 11:48	NONVOLATILE BETA	50	0.0599	pCi/L	U	U	4.25	9.26
HAA 8B	9/12/2018 0:00	NONVOLATILE BETA	50	0.04478	pCi/L	U	U	0.925	1.981
HAA 8B	2/5/2018 9:24	NONVOLATILE BETA	50	0.0369	pCi/L	U	U	3.74	7.7
HAA018C	2/12/2018 13:46	NONVOLATILE BETA	50	-0.39	pCi/L	U	U	3.72	7.45
HAA 10B	2/7/2018 0:00	NONVOLATILE BETA	50	-0.413	pCi/L	U	U	4.26	9.12
HAA 2D	2/6/2018 12:59	NONVOLATILE BETA	50	-0.414	pCi/L	U	U	4.25	9.09
HAA 2C	9/12/2018 9:48	NONVOLATILE BETA	50	-0.611	pCi/L	U	U	2.75	5.47
HAA020C	2/6/2018 8:41	NONVOLATILE BETA	50	-0.758	pCi/L	U	U	4.31	9.07
HAA 7C	9/12/2018 9:36	NONVOLATILE BETA	50	-0.877	pCi/L	U	U	3.48	7.04
HAA 15D	2/12/2018 11:18	NONVOLATILE BETA	50	-0.909	pCi/L	U	U	3.74	7.22
HAA 14D	2/7/2018 15:08	NONVOLATILE BETA	50	-0.954	pCi/L	U	U	3.76	7.24
HAA 11C	2/6/2018 10:10	NONVOLATILE BETA	50	-1.04	pCi/L	U	U	4.08	8.47
HAA 4C	9/20/2018 9:10	NONVOLATILE BETA	50	-1.41	pCi/L	U	U	3.01	5.89
HAA 10B	9/13/2018 10:10	NONVOLATILE BETA	50	-1.85	pCi/L	U	U	3.5	6.82
HAA 11B	2/6/2018 9:37	PH	NA	11	pH				
HAA 4B	2/7/2018 9:08	PH	NA	10.2	pH				
HAA 4B	9/20/2018 8:30	PH	NA	10.1	pH				
HAA 13B	2/6/2018 8:30	PH	NA	9.4	pH				
HAA 13B	9/13/2018 8:19	PH	NA	8.7	pH				
HAA 14B	9/19/2018 12:00	PH	NA	8.7	pH				
HAA 1A	2/5/2018 13:06	PH	NA	8.4	pH				
HAA 11B	9/27/2018 10:57	PH	NA	8.1	pH				
HAA 14B	2/7/2018 13:11	PH	NA	8	pH				
HAA 9B	9/12/2018 8:53	PH	NA	7.9	pH				
HAA 4C	2/7/2018 10:16	PH	NA	7.7	pH				
HAA 1C	9/12/2018 13:40	PH	NA	7.5	pH				
HAA 9B	2/7/2018 10:35	PH	NA	7.5	pH				
HAA 1A	9/12/2018 12:54	PH	NA	7.4	pH				
HAA 12B	2/6/2018 11:38	PH	NA	7.3	pH				
HAA 4C	9/20/2018 9:10	PH	NA	7.2	pH				
HAA 10B	9/13/2018 10:10	PH	NA	7.2	pH				
HAA 10B	2/7/2018 8:26	PH	NA	7.1	pH				
HAA 14C	2/7/2018 14:03	PH	NA	7	pH				
HAA 2B	2/6/2018 13:21	PH	NA	6.8	pH				
HAA 14C	9/19/2018 10:20	PH	NA	6.8	pH				
HAA019C	9/13/2018 10:00	PH	NA	6.8	pH				
HAA 15B	2/12/2018 8:47	PH	NA	6.7	pH				
HAA020C	9/13/2018 9:16	PH	NA	6.7	pH				
HAA019C	2/7/2018 13:46	PH	NA	6.6	pH				
HAA 2B	9/12/2018 8:34	PH	NA	6.5	pH				
HAA 15B	9/17/2018 13:03	PH	NA	6.5	pH				
HAA020C	2/6/2018 8:41	PH	NA	6.5	pH				
HAA 7C	9/12/2018 9:36	PH	NA	6.4	pH				
HAA 13C	2/6/2018 9:25	PH	NA	6.4	pH				
HAA 13C	9/13/2018 10:14	PH	NA	6.4	pH				
HAA 15C	2/12/2018 9:52	PH	NA	6.4	pH				
HAA 7C	2/7/2018 9:40	PH	NA	6.3	pH				
HAA 15C	9/17/2018 13:56	PH	NA	6.3	pH				
HAA 1C	2/5/2018 13:55	PH	NA	6.2	pH				
HAA 12B	9/17/2018 15:00	PH	NA	6.2	pH				
HAA 11C	2/6/2018 10:10	PH	NA	6.1	pH				
HAA 11C	9/13/2018 11:05	PH	NA	6	pH				
HAA 7B	2/7/2018 8:30	PH	NA	5.9	pH				
HAA 7B	9/12/2018 8:30	PH	NA	5.9	pH				
HAA 15D	9/17/2018 14:48	PH	NA	5.9	pH				
HAA020D	2/6/2018 12:22	PH	NA	5.9	pH				
HAA 2C	9/12/2018 9:48	PH	NA	5.8	pH				
HAA 15D	2/12/2018 11:18	PH	NA	5.8	pH				
HAA017C	9/20/2018 10:49	PH	NA	5.8	pH				
HAA020D	9/13/2018 9:45	PH	NA	5.8	pH				
HAA 8B	9/12/2018 11:18	PH	NA	5.7	pH				
HAA 10C	9/13/2018 11:00	PH	NA	5.7	pH				
HAA017C	2/12/2018 12:16	PH	NA	5.7	pH				
HAA 9C	2/7/2018 11:21	PH	NA	5.6	pH				
HAA018C	9/25/2018 8:51	PH	NA	5.6	pH				
HAA021C	2/6/2018 9:32	PH	NA	5.6	pH				
HAA 10C	2/7/2018 9:22	PH	NA	5.5	pH				
HAA 13D	9/13/2018 13:33	PH	NA	5.5	pH				
HAA017D	9/20/2018 13:04	PH	NA	5.5	pH				
HAA019D	2/7/2018 12:49	PH	NA	5.5	pH				
HAA 1D	9/12/2018 14:57	PH	NA	5.4	pH				
HAA018D	9/25/2018 10:40	PH	NA	5.3	pH				
HAA 2C	2/6/2018 14:00	PH	NA	5.2	pH				
HAA 8B	2/5/2018 9:24	PH	NA	5.2	pH				
HAA 12C	9/13/2018 8:34	PH	NA	5.2	pH				
HAA018C	2/12/2018 13:46	PH	NA	5.2	pH				
HAA021C	9/13/2018 13:08	PH	NA	5.2	pH				
HAA 9C	9/12/2018 9:40	PH	NA	5.1	pH				
HAA 12C	2/6/2018 12:40	PH	NA	5.1	pH				

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 13D	2/6/2018 10:07	PH	NA	5.1	pH				
HAA 14D	2/7/2018 15:08	PH	NA	5.1	pH				
HAA 14D	9/19/2018 11:00	PH	NA	5.1	pH				
HAA019D	9/13/2018 9:08	PH	NA	5.1	pH				
HAA 9D	2/7/2018 11:48	PH	NA	5	pH				
HAA018D	2/12/2018 14:28	PH	NA	5	pH				
HAA021D	2/6/2018 11:39	PH	NA	5	pH				
HAA 2D	9/12/2018 11:08	PH	NA	4.9	pH				
HAA 4D	2/7/2018 11:39	PH	NA	4.9	pH				
HAA 4D	9/20/2018 9:35	PH	NA	4.8	pH				
HAA 8C	2/5/2018 10:39	PH	NA	4.8	pH				
HAA 8C	9/12/2018 11:48	PH	NA	4.8	pH				
HAA 10D	2/7/2018 9:37	PH	NA	4.8	pH				
HAA 11D	9/13/2018 11:34	PH	NA	4.8	pH				
HAA 12D	2/6/2018 14:00	PH	NA	4.8	pH				
HAA 1D	2/5/2018 14:30	PH	NA	4.7	pH				
HAA 8D	2/5/2018 9:50	PH	NA	4.7	pH				
HAA 8D	9/12/2018 12:05	PH	NA	4.7	pH				
HAA 10D	9/13/2018 7:41	PH	NA	4.7	pH				
HAA 12D	9/13/2018 7:53	PH	NA	4.7	pH				
HAA021D	9/13/2018 13:19	PH	NA	4.7	pH				
HAA 2D	2/6/2018 12:59	PH	NA	4.6	pH				
HAA 11D	2/6/2018 10:40	PH	NA	4.6	pH				
HAA017D	2/12/2018 12:53	PH	NA	4.6	pH				
HAA 7D	9/12/2018 10:04	PH	NA	4.5	pH				
HAA 9D	9/12/2018 10:07	PH	NA	4.3	pH				
HAA 7D	2/7/2018 9:26	PH	NA	4.2	pH				
HAA 4D	9/20/2018 9:35	PLUTONIUM-238	15	0.0895	pCi/L	U	U	0.264	0.578
HAA 4D	9/20/2018 9:35	PLUTONIUM-238	15	0.0676	pCi/L	U	U	0.125	0.301
HAA 4D	2/7/2018 11:39	PLUTONIUM-238	15	0.034	pCi/L	U	U	0.132	0.286
HAA 4D	2/7/2018 11:39	PLUTONIUM-239/240	15	0.0287	pCi/L	U	U	0.104	0.236
HAA 4D	9/20/2018 9:35	PLUTONIUM-239/240	15	0.0107	pCi/L	U	U	0.154	0.304
HAA 4D	9/20/2018 9:35	PLUTONIUM-239/240	15	-0.0252	pCi/L	U	U	0.264	0.482
HAA 4D	9/20/2018 9:35	PLUTONIUM-242	15	0.0192	pCi/L	U	U	0.143	0.291
HAA 4D	2/7/2018 11:39	PLUTONIUM-242	15	0.0098	pCi/L	U	U	0.104	0.213
HAA 4D	9/20/2018 9:35	PLUTONIUM-242	15	-0.00458	pCi/L	U	U	0.24	0.452
HAA 11B	9/27/2018 10:57	SODIUM	NA	26300	ug/L			80	250
HAA 10D	2/7/2018 9:37	SODIUM	NA	13600	ug/L			80	250
HAA 10D	9/13/2018 7:41	SODIUM	NA	13200	ug/L		J	80	250
HAA 2B	9/12/2018 8:34	SODIUM	NA	6850	ug/L		J	80	250
HAA 8C	9/12/2018 11:48	SODIUM	NA	6700	ug/L			80	250
HAA019D	9/13/2018 9:08	SODIUM	NA	6420	ug/L		J	80	250
HAA 8C	2/5/2018 10:39	SODIUM	NA	6410	ug/L			80	250
HAA 2B	2/6/2018 13:21	SODIUM	NA	6030	ug/L			80	250
HAA 8D	9/12/2018 12:05	SODIUM	NA	5870	ug/L			80	250
HAA 15D	9/17/2018 14:48	SODIUM	NA	5730	ug/L			80	250
HAA 15D	2/12/2018 11:18	SODIUM	NA	5580	ug/L			80	250
HAA 9D	9/12/2018 10:07	SODIUM	NA	5540	ug/L			80	250
HAA019D	2/7/2018 12:49	SODIUM	NA	5370	ug/L			80	250
HAA 8D	2/5/2018 9:50	SODIUM	NA	5080	ug/L			80	250
HAA 9D	2/7/2018 11:48	SODIUM	NA	5060	ug/L			80	250
HAA 12D	2/6/2018 14:00	SODIUM	NA	4830	ug/L			80	250
HAA 12D	9/13/2018 7:53	SODIUM	NA	4650	ug/L		J	80	250
HAA021D	9/13/2018 13:19	SODIUM	NA	4170	ug/L		J	80	250
HAA020D	9/13/2018 9:45	SODIUM	NA	4060	ug/L		J	80	250
HAA 4B	2/7/2018 9:08	SODIUM	NA	3960	ug/L		J	80	250
HAA 12B	9/17/2018 15:00	SODIUM	NA	3870	ug/L			80	250
HAA 14B	9/19/2018 12:00	SODIUM	NA	3830	ug/L			80	250
HAA 13B	9/13/2018 8:19	SODIUM	NA	3730	ug/L		J	80	250
HAA021D	2/6/2018 11:39	SODIUM	NA	3710	ug/L			80	250
HAA020D	2/6/2018 12:22	SODIUM	NA	3610	ug/L			80	250
HAA017D	9/20/2018 13:04	SODIUM	NA	3600	ug/L			80	250
HAA 14B	2/7/2018 13:11	SODIUM	NA	3590	ug/L			80	250
HAA 10B	9/13/2018 10:10	SODIUM	NA	3510	ug/L		J	80	250
HAA018D	2/12/2018 14:28	SODIUM	NA	3420	ug/L			80	250
HAA 13B	2/6/2018 8:30	SODIUM	NA	3410	ug/L			80	250
HAA 9C	9/12/2018 9:40	SODIUM	NA	3370	ug/L			80	250
HAA 13D	9/13/2018 13:33	SODIUM	NA	3350	ug/L			80	250
HAA018D	9/25/2018 10:40	SODIUM	NA	3340	ug/L			80	250
HAA 12B	2/6/2018 11:38	SODIUM	NA	3320	ug/L			80	250
HAA 4B	9/20/2018 8:30	SODIUM	NA	3300	ug/L			80	250
HAA 10B	2/7/2018 0:00	SODIUM	NA	3300	ug/L			80	250
HAA 10C	9/13/2018 11:00	SODIUM	NA	3260	ug/L		J	80	250
HAA 12C	9/13/2018 8:34	SODIUM	NA	3260	ug/L		J	80	250
HAA 15C	9/17/2018 13:56	SODIUM	NA	3230	ug/L			80	250
HAA 10B	9/13/2018 0:00	SODIUM	NA	3190	ug/L		J	80	250
HAA 10C	2/7/2018 9:22	SODIUM	NA	3190	ug/L			80	250
HAA017D	2/12/2018 12:53	SODIUM	NA	3150	ug/L			80	250
HAA 9C	2/7/2018 11:21	SODIUM	NA	3130	ug/L			80	250

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 11B	2/6/2018 9:37	SODIUM	NA	3110	ug/L		J	80	250
HAA 12C	2/6/2018 12:40	SODIUM	NA	3090	ug/L			80	250
HAA 10B	2/7/2018 8:26	SODIUM	NA	3040	ug/L			80	250
HAA 15C	2/12/2018 9:52	SODIUM	NA	3040	ug/L			80	250
HAA 14D	2/7/2018 15:08	SODIUM	NA	3030	ug/L			80	250
HAA021C	9/13/2018 13:08	SODIUM	NA	2830	ug/L		J	80	250
HAA 1D	2/5/2018 14:30	SODIUM	NA	2810	ug/L			80	250
HAA017C	9/20/2018 10:49	SODIUM	NA	2790	ug/L			80	250
HAA021C	2/6/2018 9:32	SODIUM	NA	2760	ug/L			80	250
HAA 9B	2/7/2018 10:35	SODIUM	NA	2730	ug/L			80	250
HAA 14D	9/19/2018 11:00	SODIUM	NA	2730	ug/L			80	250
HAA020C	9/13/2018 9:16	SODIUM	NA	2710	ug/L		J	80	250
HAA 2D	2/6/2018 12:59	SODIUM	NA	2700	ug/L			80	250
HAA 4D	9/20/2018 9:35	SODIUM	NA	2700	ug/L			80	250
HAA 7B	9/12/2018 8:30	SODIUM	NA	2650	ug/L		J	80	250
HAA 13D	2/6/2018 10:07	SODIUM	NA	2640	ug/L			80	250
HAA 9B	9/12/2018 8:53	SODIUM	NA	2630	ug/L			80	250
HAA 11D	9/13/2018 11:34	SODIUM	NA	2600	ug/L		J	80	250
HAA 7C	9/12/2018 9:36	SODIUM	NA	2590	ug/L			80	250
HAA 15B	9/17/2018 13:03	SODIUM	NA	2580	ug/L			80	250
HAA 2D	9/12/2018 11:08	SODIUM	NA	2550	ug/L			80	250
HAA020C	2/6/2018 8:41	SODIUM	NA	2540	ug/L			80	250
HAA 7B	2/7/2018 8:30	SODIUM	NA	2530	ug/L			80	250
HAA 1A	9/12/2018 12:54	SODIUM	NA	2500	ug/L			80	250
HAA 1D	9/12/2018 14:57	SODIUM	NA	2500	ug/L			80	250
HAA 15B	2/12/2018 8:47	SODIUM	NA	2340	ug/L			80	250
HAA 7C	2/7/2018 9:40	SODIUM	NA	2330	ug/L			80	250
HAA 1C	9/12/2018 13:40	SODIUM	NA	2300	ug/L			80	250
HAA 14C	2/7/2018 14:03	SODIUM	NA	2160	ug/L			80	250
HAA 11C	9/13/2018 11:05	SODIUM	NA	2140	ug/L		J	80	250
HAA 13C	9/13/2018 10:14	SODIUM	NA	2130	ug/L		J	80	250
HAA 1C	2/5/2018 13:55	SODIUM	NA	2130	ug/L			80	250
HAA 4D	2/7/2018 11:39	SODIUM	NA	2120	ug/L		J	80	250
HAA 11C	2/6/2018 10:10	SODIUM	NA	2110	ug/L		J	80	250
HAA 7D	9/12/2018 10:04	SODIUM	NA	2080	ug/L		J	80	250
HAA019C	9/13/2018 10:00	SODIUM	NA	2020	ug/L		J	80	250
HAA 1A	2/5/2018 13:06	SODIUM	NA	2020	ug/L			80	250
HAA 14C	2/7/2018 14:03	SODIUM	NA	2000	ug/L			45	100
HAA 14C	9/19/2018 0:00	SODIUM	NA	2000	ug/L			45	100
HAA019C	2/7/2018 13:46	SODIUM	NA	2000	ug/L			80	250
HAA 13C	2/6/2018 9:25	SODIUM	NA	1920	ug/L			80	250
HAA 8B	9/12/2018 0:00	SODIUM	NA	1900	ug/L			45	100
HAA 8B	9/12/2018 11:18	SODIUM	NA	1880	ug/L			80	250
HAA 14C	9/19/2018 10:20	SODIUM	NA	1860	ug/L			80	250
HAA 2C	9/12/2018 9:48	SODIUM	NA	1850	ug/L		J	80	250
HAA 4C	2/7/2018 10:16	SODIUM	NA	1730	ug/L		J	80	250
HAA018C	9/25/2018 0:00	SODIUM	NA	1730	ug/L			80	250
HAA 2C	2/6/2018 14:00	SODIUM	NA	1690	ug/L			80	250
HAA 4C	9/20/2018 9:10	SODIUM	NA	1680	ug/L			80	250
HAA018C	9/25/2018 8:51	SODIUM	NA	1680	ug/L			80	250
HAA 8B	2/5/2018 9:24	SODIUM	NA	1670	ug/L			80	250
HAA018C	2/12/2018 13:46	SODIUM	NA	1670	ug/L			80	250
HAA017C	2/12/2018 12:16	SODIUM	NA	1660	ug/L			80	250
HAA 8B	2/5/2018 0:00	SODIUM	NA	1600	ug/L			45	100
HAA018C	2/12/2018 0:00	SODIUM	NA	1580	ug/L			80	250
HAA 7D	2/7/2018 9:26	SODIUM	NA	1440	ug/L		J	80	250
HAA 11D	2/6/2018 10:40	SODIUM	NA	1340	ug/L			80	250
HAA 9B	9/12/2018 8:53	SPECIFIC CONDUCTANCE	NA	231	uS/cm				
HAA 9B	2/7/2018 10:35	SPECIFIC CONDUCTANCE	NA	226	uS/cm				
HAA 14B	9/19/2018 12:00	SPECIFIC CONDUCTANCE	NA	191	uS/cm				
HAA 10B	2/7/2018 8:26	SPECIFIC CONDUCTANCE	NA	188	uS/cm				
HAA 10B	9/13/2018 10:10	SPECIFIC CONDUCTANCE	NA	186	uS/cm				
HAA 11B	2/6/2018 9:37	SPECIFIC CONDUCTANCE	NA	186	uS/cm				
HAA 14B	2/7/2018 13:11	SPECIFIC CONDUCTANCE	NA	182	uS/cm				
HAA 11B	9/27/2018 10:57	SPECIFIC CONDUCTANCE	NA	162	uS/cm				
HAA 1A	9/12/2018 12:54	SPECIFIC CONDUCTANCE	NA	160	uS/cm				
HAA 13B	2/6/2018 8:30	SPECIFIC CONDUCTANCE	NA	158	uS/cm				
HAA 13B	9/13/2018 8:19	SPECIFIC CONDUCTANCE	NA	158	uS/cm				
HAA 1A	2/5/2018 13:06	SPECIFIC CONDUCTANCE	NA	157	uS/cm				
HAA 12B	2/6/2018 11:38	SPECIFIC CONDUCTANCE	NA	130	uS/cm				
HAA 1C	9/12/2018 13:40	SPECIFIC CONDUCTANCE	NA	124	uS/cm				
HAA 4C	2/7/2018 10:16	SPECIFIC CONDUCTANCE	NA	119	uS/cm				
HAA 4C	9/20/2018 9:10	SPECIFIC CONDUCTANCE	NA	118	uS/cm				
HAA 14C	2/7/2018 14:03	SPECIFIC CONDUCTANCE	NA	117	uS/cm				
HAA019C	9/13/2018 10:00	SPECIFIC CONDUCTANCE	NA	117	uS/cm				
HAA 4B	2/7/2018 9:08	SPECIFIC CONDUCTANCE	NA	115	uS/cm				
HAA 4B	9/20/2018 8:30	SPECIFIC CONDUCTANCE	NA	115	uS/cm				
HAA019C	2/7/2018 13:46	SPECIFIC CONDUCTANCE	NA	114	uS/cm				
HAA 14C	9/19/2018 10:20	SPECIFIC CONDUCTANCE	NA	110	uS/cm				

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 4D	9/20/2018 9:35	SPECIFIC CONDUCTANCE	NA	99	uS/cm				
HAA 4D	2/7/2018 11:39	SPECIFIC CONDUCTANCE	NA	95	uS/cm				
HAA 2B	2/6/2018 13:21	SPECIFIC CONDUCTANCE	NA	92	uS/cm				
HAA 2B	9/12/2018 8:34	SPECIFIC CONDUCTANCE	NA	89	uS/cm				
HAA 12B	9/17/2018 15:00	SPECIFIC CONDUCTANCE	NA	89	uS/cm				
HAA 13C	2/6/2018 9:25	SPECIFIC CONDUCTANCE	NA	89	uS/cm				
HAA 13C	9/13/2018 10:14	SPECIFIC CONDUCTANCE	NA	89	uS/cm				
HAA 1C	2/5/2018 13:55	SPECIFIC CONDUCTANCE	NA	88	uS/cm				
HAA 10D	9/13/2018 7:41	SPECIFIC CONDUCTANCE	NA	85	uS/cm				
HAA 10D	2/7/2018 9:37	SPECIFIC CONDUCTANCE	NA	82	uS/cm				
HAA019D	2/7/2018 12:49	SPECIFIC CONDUCTANCE	NA	74	uS/cm				
HAA 15B	9/17/2018 13:03	SPECIFIC CONDUCTANCE	NA	67	uS/cm				
HAA020C	9/13/2018 9:16	SPECIFIC CONDUCTANCE	NA	62	uS/cm				
HAA 7C	2/7/2018 9:40	SPECIFIC CONDUCTANCE	NA	61	uS/cm				
HAA 15B	2/12/2018 8:47	SPECIFIC CONDUCTANCE	NA	60	uS/cm				
HAA 7C	9/12/2018 9:36	SPECIFIC CONDUCTANCE	NA	59	uS/cm				
HAA019D	9/13/2018 9:08	SPECIFIC CONDUCTANCE	NA	57	uS/cm				
HAA020C	2/6/2018 8:41	SPECIFIC CONDUCTANCE	NA	57	uS/cm				
HAA 7D	2/7/2018 9:26	SPECIFIC CONDUCTANCE	NA	55	uS/cm				
HAA 8C	2/5/2018 10:39	SPECIFIC CONDUCTANCE	NA	55	uS/cm				
HAA 8C	9/12/2018 11:48	SPECIFIC CONDUCTANCE	NA	54	uS/cm				
HAA 9C	2/7/2018 11:21	SPECIFIC CONDUCTANCE	NA	53	uS/cm				
HAA 12C	2/6/2018 12:40	SPECIFIC CONDUCTANCE	NA	53	uS/cm				
HAA 12C	9/13/2018 8:34	SPECIFIC CONDUCTANCE	NA	53	uS/cm				
HAA 9C	9/12/2018 9:40	SPECIFIC CONDUCTANCE	NA	52	uS/cm				
HAA 8D	9/12/2018 12:05	SPECIFIC CONDUCTANCE	NA	51	uS/cm				
HAA 7D	9/12/2018 10:04	SPECIFIC CONDUCTANCE	NA	49	uS/cm				
HAA 11D	9/13/2018 11:34	SPECIFIC CONDUCTANCE	NA	48	uS/cm				
HAA 8D	2/5/2018 9:50	SPECIFIC CONDUCTANCE	NA	47	uS/cm				
HAA 11C	9/13/2018 11:05	SPECIFIC CONDUCTANCE	NA	47	uS/cm				
HAA 11D	2/6/2018 10:40	SPECIFIC CONDUCTANCE	NA	47	uS/cm				
HAA 11C	2/6/2018 10:10	SPECIFIC CONDUCTANCE	NA	46	uS/cm				
HAA018D	2/12/2018 14:28	SPECIFIC CONDUCTANCE	NA	46	uS/cm				
HAA 10C	2/7/2018 9:22	SPECIFIC CONDUCTANCE	NA	44	uS/cm				
HAA 10C	9/13/2018 11:00	SPECIFIC CONDUCTANCE	NA	44	uS/cm				
HAA017C	9/20/2018 10:49	SPECIFIC CONDUCTANCE	NA	44	uS/cm				
HAA 7B	9/12/2018 8:30	SPECIFIC CONDUCTANCE	NA	43	uS/cm				
HAA 12D	2/6/2018 14:00	SPECIFIC CONDUCTANCE	NA	43	uS/cm				
HAA 15C	2/12/2018 9:52	SPECIFIC CONDUCTANCE	NA	43	uS/cm				
HAA 15D	9/17/2018 14:48	SPECIFIC CONDUCTANCE	NA	43	uS/cm				
HAA 12D	9/13/2018 7:53	SPECIFIC CONDUCTANCE	NA	42	uS/cm				
HAA 15C	9/17/2018 13:56	SPECIFIC CONDUCTANCE	NA	42	uS/cm				
HAA 15D	2/12/2018 11:18	SPECIFIC CONDUCTANCE	NA	42	uS/cm				
HAA 7B	2/7/2018 8:30	SPECIFIC CONDUCTANCE	NA	41	uS/cm				
HAA 1D	9/12/2018 14:57	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
HAA 9D	9/12/2018 10:07	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
HAA020D	2/6/2018 12:22	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
HAA021D	9/13/2018 13:19	SPECIFIC CONDUCTANCE	NA	40	uS/cm				
HAA018D	9/25/2018 10:40	SPECIFIC CONDUCTANCE	NA	39	uS/cm				
HAA 9D	2/7/2018 11:48	SPECIFIC CONDUCTANCE	NA	38	uS/cm				
HAA021D	2/6/2018 11:39	SPECIFIC CONDUCTANCE	NA	38	uS/cm				
HAA 8B	2/5/2018 9:24	SPECIFIC CONDUCTANCE	NA	36	uS/cm				
HAA 8B	9/12/2018 11:18	SPECIFIC CONDUCTANCE	NA	36	uS/cm				
HAA 14D	2/7/2018 15:08	SPECIFIC CONDUCTANCE	NA	36	uS/cm				
HAA017D	9/20/2018 13:04	SPECIFIC CONDUCTANCE	NA	36	uS/cm				
HAA 13D	9/13/2018 13:33	SPECIFIC CONDUCTANCE	NA	35	uS/cm				
HAA 1D	2/5/2018 14:30	SPECIFIC CONDUCTANCE	NA	34	uS/cm				
HAA017D	2/12/2018 12:53	SPECIFIC CONDUCTANCE	NA	34	uS/cm				
HAA 2D	9/12/2018 11:08	SPECIFIC CONDUCTANCE	NA	33	uS/cm				
HAA 14D	9/19/2018 11:00	SPECIFIC CONDUCTANCE	NA	33	uS/cm				
HAA020D	9/13/2018 9:45	SPECIFIC CONDUCTANCE	NA	33	uS/cm				
HAA 2D	2/6/2018 12:59	SPECIFIC CONDUCTANCE	NA	32	uS/cm				
HAA 13D	2/6/2018 10:07	SPECIFIC CONDUCTANCE	NA	31	uS/cm				
HAA017C	2/12/2018 12:16	SPECIFIC CONDUCTANCE	NA	30	uS/cm				
HAA018C	2/12/2018 13:46	SPECIFIC CONDUCTANCE	NA	26	uS/cm				
HAA018C	9/25/2018 8:51	SPECIFIC CONDUCTANCE	NA	26	uS/cm				
HAA021C	9/13/2018 13:08	SPECIFIC CONDUCTANCE	NA	25	uS/cm				
HAA021C	2/6/2018 9:32	SPECIFIC CONDUCTANCE	NA	24	uS/cm				
HAA 2C	2/6/2018 14:00	SPECIFIC CONDUCTANCE	NA	19	uS/cm				
HAA 2C	9/12/2018 9:48	SPECIFIC CONDUCTANCE	NA	19	uS/cm				
HAA 12C	9/13/2018 8:34	TECHNETIUM-99	900	14.3	pCi/L	J	J	7.7	17.3
HAA 15C	9/17/2018 13:56	TECHNETIUM-99	900	14.1	pCi/L	J	J	7.35	16.6
HAA 11B	9/27/2018 10:57	TECHNETIUM-99	900	11.8	pCi/L	J	J	6.91	15.5
HAA 12C	2/6/2018 12:40	TECHNETIUM-99	900	11.5	pCi/L			4.01	9.43
HAA 12D	2/6/2018 14:00	TECHNETIUM-99	900	11.2	pCi/L			4	9.41
HAA 1A	9/12/2018 12:54	TECHNETIUM-99	900	11	pCi/L	J	J	10.5	23.5
HAA 11B	9/27/2018 10:57	TECHNETIUM-99	900	10.9	pCi/L	J	J	7	15.7
HAA 10D	2/7/2018 9:37	TECHNETIUM-99	900	10.5	pCi/L			3.97	9.3
HAA 15C	2/12/2018 9:52	TECHNETIUM-99	900	9.39	pCi/L			3.9	9.09

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 4B	2/7/2018 9:08	TECHNETIUM-99	900	8.91	pCi/L	J	J	3.98	9.24
HAA 15C	2/12/2018 9:52	TECHNETIUM-99	900	8.69	pCi/L	J	J	3.89	9.03
HAA 10D	9/13/2018 7:41	TECHNETIUM-99	900	8.36	pCi/L	U	U	8.57	18.9
HAA 4B	9/20/2018 8:30	TECHNETIUM-99	900	7.74	pCi/L	U	U	7.82	17.3
HAA 1C	9/12/2018 13:40	TECHNETIUM-99	900	7.17	pCi/L	J	J	5.7	12.8
HAA 11C	9/13/2018 11:05	TECHNETIUM-99	900	5.42	pCi/L	U	U	5.77	12.8
HAA 14C	9/19/2018 10:20	TECHNETIUM-99	900	4.62	pCi/L	U	U	7.49	16.4
HAA 12B	2/6/2018 11:38	TECHNETIUM-99	900	3.66	pCi/L	U	U	3.98	8.93
HAA 15B	2/12/2018 8:47	TECHNETIUM-99	900	3.62	pCi/L	U	U	3.98	8.92
HAA021C	9/13/2018 13:08	TECHNETIUM-99	900	3.45	pCi/L	U	U	6.18	13.5
HAA 15B	9/17/2018 13:03	TECHNETIUM-99	900	3.37	pCi/L	U	U	7.78	17
HAA018C	2/12/2018 0:00	TECHNETIUM-99	900	3.36	pCi/L	U	U	3.88	8.69
HAA020D	2/6/2018 12:22	TECHNETIUM-99	900	3.28	pCi/L	U	U	3.97	8.89
HAA018C	2/12/2018 13:46	TECHNETIUM-99	900	3.16	pCi/L	U	U	3.9	8.73
HAA 14B	9/19/2018 12:00	TECHNETIUM-99	900	2.93	pCi/L	U	U	7.85	17.2
HAA 13D	2/6/2018 10:07	TECHNETIUM-99	900	2.85	pCi/L	U	U	4	8.93
HAA 7C	2/7/2018 9:40	TECHNETIUM-99	900	2.78	pCi/L	U	U	3.98	8.87
HAA 13B	2/6/2018 8:30	TECHNETIUM-99	900	2.73	pCi/L	U	U	4	8.9
HAA 10C	9/13/2018 11:00	TECHNETIUM-99	900	2.71	pCi/L	U	U	6.18	13.5
HAA018C	9/25/2018 8:51	TECHNETIUM-99	900	2.64	pCi/L	U	U	8.64	18.8
HAA 11D	2/6/2018 10:40	TECHNETIUM-99	900	2.55	pCi/L	U	U	3.99	8.88
HAA018D	2/12/2018 14:28	TECHNETIUM-99	900	2.4	pCi/L	U	U	3.89	8.65
HAA 12B	9/17/2018 15:00	TECHNETIUM-99	900	2.29	pCi/L	U	U	7.46	16.3
HAA017C	2/12/2018 12:16	TECHNETIUM-99	900	2.29	pCi/L	U	U	3.89	8.64
HAA 4D	9/20/2018 9:35	TECHNETIUM-99	900	2.28	pCi/L	U	U	8.14	17.7
HAA021D	9/13/2018 13:19	TECHNETIUM-99	900	2.28	pCi/L	U	U	6.64	14.5
HAA 9B	9/12/2018 8:53	TECHNETIUM-99	900	2.24	pCi/L	U	U	5.54	12.1
HAA 15D	2/12/2018 11:18	TECHNETIUM-99	900	2.24	pCi/L	U	U	3.88	8.62
HAA017C	9/20/2018 10:49	TECHNETIUM-99	900	2.24	pCi/L	U	U	7.81	17
HAA017D	9/20/2018 13:04	TECHNETIUM-99	900	2.23	pCi/L	U	U	8.35	18.2
HAA 14C	2/7/2018 14:03	TECHNETIUM-99	900	2.11	pCi/L	U	U	3.99	8.85
HAA 13C	9/13/2018 10:14	TECHNETIUM-99	900	1.96	pCi/L	U	U	6.27	13.7
HAA021D	2/6/2018 11:39	TECHNETIUM-99	900	1.95	pCi/L	U	U	3.99	8.85
HAA021C	2/6/2018 9:32	TECHNETIUM-99	900	1.94	pCi/L	U	U	3.98	8.82
HAA017D	2/12/2018 12:53	TECHNETIUM-99	900	1.84	pCi/L	U	U	3.88	8.59
HAA 4C	2/7/2018 10:16	TECHNETIUM-99	900	1.83	pCi/L	U	U	3.98	8.81
HAA 13C	2/6/2018 9:25	TECHNETIUM-99	900	1.83	pCi/L	U	U	3.99	8.83
HAA 7B	2/7/2018 8:30	TECHNETIUM-99	900	1.72	pCi/L	U	U	3.98	8.8
HAA 7D	2/7/2018 9:26	TECHNETIUM-99	900	1.69	pCi/L	U	U	3.99	8.83
HAA018C	9/25/2018 0:00	TECHNETIUM-99	900	1.45	pCi/L	U	U	7.98	17.4
HAA 11D	2/6/2018 10:40	TECHNETIUM-99	900	1.44	pCi/L	U	U	4.01	8.85
HAA 4C	9/20/2018 9:10	TECHNETIUM-99	900	1.43	pCi/L	U	U	7.51	16.3
HAA 13D	9/13/2018 13:33	TECHNETIUM-99	900	1.34	pCi/L	U	U	5.25	11.4
HAA 9B	2/7/2018 10:35	TECHNETIUM-99	900	1.25	pCi/L	U	U	3.99	8.81
HAA 9C	2/7/2018 11:21	TECHNETIUM-99	900	1.24	pCi/L	U	U	3.98	8.79
HAA019D	2/7/2018 12:49	TECHNETIUM-99	900	1.22	pCi/L	U	U	3.98	8.78
HAA 2B	9/12/2018 8:34	TECHNETIUM-99	900	1.13	pCi/L	U	U	5.94	12.9
HAA 11C	9/13/2018 11:05	TECHNETIUM-99	900	1.09	pCi/L	U	U	6.67	14.5
HAA 14B	2/7/2018 13:11	TECHNETIUM-99	900	1.07	pCi/L	U	U	3.99	8.78
HAA020C	2/6/2018 8:41	TECHNETIUM-99	900	0.984	pCi/L	U	U	3.99	8.77
HAA 14D	2/7/2018 15:08	TECHNETIUM-99	900	0.961	pCi/L	U	U	4.01	8.82
HAA 2D	2/6/2018 12:59	TECHNETIUM-99	900	0.93	pCi/L	U	U	4.17	9.19
HAA 9D	2/7/2018 11:48	TECHNETIUM-99	900	0.852	pCi/L	U	U	4.02	8.83
HAA 10C	2/7/2018 9:22	TECHNETIUM-99	900	0.579	pCi/L	U	U	3.99	8.76
HAA 13B	9/13/2018 8:19	TECHNETIUM-99	900	0.576	pCi/L	U	U	5.89	12.8
HAA 15D	9/17/2018 14:48	TECHNETIUM-99	900	0.486	pCi/L	U	U	8.05	17.5
HAA019D	9/13/2018 9:08	TECHNETIUM-99	900	0.446	pCi/L	U	U	5.92	12.9
HAA019C	2/7/2018 13:46	TECHNETIUM-99	900	0.444	pCi/L	U	U	3.98	8.73
HAA 10B	9/13/2018 10:10	TECHNETIUM-99	900	0.435	pCi/L	U	U	5.93	12.9
HAA 1D	9/12/2018 14:57	TECHNETIUM-99	900	0.419	pCi/L	U	U	6.63	14.3
HAA 10B	2/7/2018 8:26	TECHNETIUM-99	900	0.401	pCi/L	U	U	3.99	8.75
HAA 7C	2/7/2018 9:40	TECHNETIUM-99	900	0.345	pCi/L	U	U	4.12	9.02
HAA 7C	9/12/2018 9:36	TECHNETIUM-99	900	0.333	pCi/L	U	U	6.31	13.6
HAA 8C	9/12/2018 11:48	TECHNETIUM-99	900	0.0817	pCi/L	U	U	5.86	12.6
HAA 7D	9/12/2018 10:04	TECHNETIUM-99	900	0.0321	pCi/L	U	U	6	13
HAA 14D	9/19/2018 11:00	TECHNETIUM-99	900	-0.0254	pCi/L	U	U	8.36	18.1
HAA 1D	2/5/2018 14:30	TECHNETIUM-99	900	-0.168	pCi/L	U	U	4.53	9.9
HAA 10B	2/7/2018 0:00	TECHNETIUM-99	900	-0.202	pCi/L	U	U	4.02	8.78
HAA 10B	9/13/2018 0:00	TECHNETIUM-99	900	-0.283	pCi/L	U	U	5.83	12.6
HAA018D	9/25/2018 10:40	TECHNETIUM-99	900	-0.337	pCi/L	U	U	8.08	17.5
HAA 8B	9/12/2018 11:18	TECHNETIUM-99	900	-0.432	pCi/L	U	U	5.12	10.9
HAA 2C	9/12/2018 9:48	TECHNETIUM-99	900	-0.475	pCi/L	U	U	6.99	15.1
HAA 14C	2/7/2018 14:03	TECHNETIUM-99	900	-0.66	pCi/L	U	R	3.48	7.44
HAA020C	9/13/2018 9:16	TECHNETIUM-99	900	-0.661	pCi/L	U	U	6.17	13.3
HAA 1A	2/5/2018 13:06	TECHNETIUM-99	900	-0.671	pCi/L	U	U	4.22	9.19
HAA019C	9/13/2018 10:00	TECHNETIUM-99	900	-0.675	pCi/L	U	U	5.96	12.9
HAA 2B	2/6/2018 13:21	TECHNETIUM-99	900	-0.71	pCi/L	U	U	4.18	9.11
HAA 2D	9/12/2018 11:08	TECHNETIUM-99	900	-0.975	pCi/L	U	U	5.79	12.4
HAA018C	9/25/2018 8:51	TECHNETIUM-99	900	-1.02	pCi/L	U	U	7.63	16.5

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 11B	2/6/2018 9:37	TECHNETIUM-99	900	-1.06	pCi/L	U	U	4.18	9.09
HAA 12D	9/13/2018 7:53	TECHNETIUM-99	900	-1.11	pCi/L	U	U	6.5	14
HAA 7B	9/12/2018 8:30	TECHNETIUM-99	900	-1.26	pCi/L	U	U	5.75	12.4
HAA 13D	9/13/2018 13:33	TECHNETIUM-99	900	-1.32	pCi/L	U	U	5.44	11.6
HAA 8B	2/5/2018 9:24	TECHNETIUM-99	900	-1.38	pCi/L	U	U	4.21	9.13
HAA 14C	9/19/2018 0:00	TECHNETIUM-99	900	-1.57	pCi/L	U	U	2.07	4.39
HAA 9D	9/12/2018 10:07	TECHNETIUM-99	900	-1.6	pCi/L	U	U	5.57	11.8
HAA 8C	2/5/2018 10:39	TECHNETIUM-99	900	-1.61	pCi/L	U	U	4.22	9.13
HAA 8D	2/5/2018 9:50	TECHNETIUM-99	900	-1.64	pCi/L	U	U	4.23	9.15
HAA 1C	2/5/2018 13:55	TECHNETIUM-99	900	-1.74	pCi/L	U	U	4.21	9.1
HAA 9C	9/12/2018 9:40	TECHNETIUM-99	900	-1.77	pCi/L	U	U	5.33	11.3
HAA020D	9/13/2018 9:45	TECHNETIUM-99	900	-1.89	pCi/L	U	U	5.97	12.9
HAA 8B	2/5/2018 0:00	TECHNETIUM-99	900	-2.118	pCi/L	U	R	4.22	8.9
HAA 11C	2/6/2018 10:10	TECHNETIUM-99	900	-2.26	pCi/L	U	U	4.18	9.01
HAA 8B	9/12/2018 0:00	TECHNETIUM-99	900	-2.36	pCi/L	U	U	2.73	5.75
HAA 11D	9/13/2018 11:34	TECHNETIUM-99	900	-2.45	pCi/L	U	U	5.76	12.4
HAA 2C	2/6/2018 14:00	TECHNETIUM-99	900	-2.5	pCi/L	U	U	4.2	9.04
HAA 8B	9/12/2018 0:00	TECHNETIUM-99	900	-2.692	pCi/L	U	U	2.87	6.03
HAA 8B	2/5/2018 0:00	TECHNETIUM-99	900	-3.27	pCi/L	U	R	4.75	9.91
HAA 8D	9/12/2018 12:05	TECHNETIUM-99	900	-3.3	pCi/L	U	U	6.55	13.8
HAA 4D	2/7/2018 11:39	TECHNETIUM-99	900	-3.56	pCi/L	U	U	7.14	15.3
HAA 4D	2/7/2018 11:39	THORIUM-228	15	0.11	pCi/L	U	U	0.489	1.04
HAA 4D	9/20/2018 9:35	THORIUM-228	15	0.0605	pCi/L	U	U	0.712	1.42
HAA 4D	9/20/2018 9:35	THORIUM-228	15	-0.052	pCi/L	U	U	0.539	0.961
HAA 4D	9/20/2018 9:35	THORIUM-230	15	0.624	pCi/L	U	U	0.665	1.68
HAA 4D	2/7/2018 11:39	THORIUM-230	15	0.323	pCi/L	U	U	0.659	1.5
HAA 4D	9/20/2018 9:35	THORIUM-230	15	0.264	pCi/L	U	U	0.695	1.54
HAA 4D	9/20/2018 9:35	THORIUM-232	15	0.316	pCi/L	U	U	0.486	1.21
HAA 4D	9/20/2018 9:35	THORIUM-232	15	0.18	pCi/L	U	U	0.554	1.22
HAA 4D	2/7/2018 11:39	THORIUM-232	15	0.126	pCi/L	U	U	0.269	0.723
HAA 4B	2/7/2018 9:08	TOTAL ALKALINITY (AS CACO3)	NA	120	mg/L				
HAA 9B	9/12/2018 8:53	TOTAL ALKALINITY (AS CACO3)	NA	97	mg/L				
HAA 9B	2/7/2018 10:35	TOTAL ALKALINITY (AS CACO3)	NA	93	mg/L				
HAA 14B	9/19/2018 12:00	TOTAL ALKALINITY (AS CACO3)	NA	86	mg/L				
HAA 10B	2/7/2018 8:26	TOTAL ALKALINITY (AS CACO3)	NA	77	mg/L				
HAA 10B	9/13/2018 10:10	TOTAL ALKALINITY (AS CACO3)	NA	77	mg/L				
HAA 13B	9/13/2018 8:19	TOTAL ALKALINITY (AS CACO3)	NA	75	mg/L				
HAA 11B	9/27/2018 10:57	TOTAL ALKALINITY (AS CACO3)	NA	74	mg/L				
HAA 1A	9/12/2018 12:54	TOTAL ALKALINITY (AS CACO3)	NA	70	mg/L				
HAA 12B	9/17/2018 15:00	TOTAL ALKALINITY (AS CACO3)	NA	70	mg/L				
HAA 1C	9/12/2018 13:40	TOTAL ALKALINITY (AS CACO3)	NA	65	mg/L				
HAA 14B	2/7/2018 13:11	TOTAL ALKALINITY (AS CACO3)	NA	60	mg/L				
HAA 11B	2/6/2018 9:37	TOTAL ALKALINITY (AS CACO3)	NA	54	mg/L				
HAA 1A	2/5/2018 13:06	TOTAL ALKALINITY (AS CACO3)	NA	46	mg/L				
HAA 14C	2/7/2018 14:03	TOTAL ALKALINITY (AS CACO3)	NA	45	mg/L				
HAA 13B	2/6/2018 8:30	TOTAL ALKALINITY (AS CACO3)	NA	44	mg/L				
HAA019C	9/13/2018 10:00	TOTAL ALKALINITY (AS CACO3)	NA	44	mg/L				
HAA 4C	2/7/2018 10:16	TOTAL ALKALINITY (AS CACO3)	NA	42	mg/L				
HAA 12B	2/6/2018 11:38	TOTAL ALKALINITY (AS CACO3)	NA	38	mg/L				
HAA019C	2/7/2018 13:46	TOTAL ALKALINITY (AS CACO3)	NA	36	mg/L				
HAA 4C	9/20/2018 9:10	TOTAL ALKALINITY (AS CACO3)	NA	33	mg/L				
HAA 1C	2/5/2018 13:55	TOTAL ALKALINITY (AS CACO3)	NA	30	mg/L				
HAA 2B	2/6/2018 13:21	TOTAL ALKALINITY (AS CACO3)	NA	30	mg/L				
HAA 4B	9/20/2018 8:30	TOTAL ALKALINITY (AS CACO3)	NA	29	mg/L				
HAA 13C	2/6/2018 9:25	TOTAL ALKALINITY (AS CACO3)	NA	29	mg/L				
HAA 14C	9/19/2018 10:20	TOTAL ALKALINITY (AS CACO3)	NA	28	mg/L				
HAA020C	9/13/2018 9:16	TOTAL ALKALINITY (AS CACO3)	NA	27	mg/L				
HAA 2B	9/12/2018 8:34	TOTAL ALKALINITY (AS CACO3)	NA	25	mg/L				
HAA 13C	9/13/2018 10:14	TOTAL ALKALINITY (AS CACO3)	NA	25	mg/L				
HAA 7C	9/12/2018 9:36	TOTAL ALKALINITY (AS CACO3)	NA	20	mg/L				
HAA020C	2/6/2018 8:41	TOTAL ALKALINITY (AS CACO3)	NA	20	mg/L				
HAA 15B	9/17/2018 13:03	TOTAL ALKALINITY (AS CACO3)	NA	18	mg/L				
HAA 15B	2/12/2018 8:47	TOTAL ALKALINITY (AS CACO3)	NA	15	mg/L				
HAA017C	9/20/2018 10:49	TOTAL ALKALINITY (AS CACO3)	NA	15	mg/L				
HAA 11C	9/13/2018 11:05	TOTAL ALKALINITY (AS CACO3)	NA	13	mg/L				
HAA 15C	9/17/2018 13:56	TOTAL ALKALINITY (AS CACO3)	NA	12	mg/L				
HAA017C	2/12/2018 12:16	TOTAL ALKALINITY (AS CACO3)	NA	12	mg/L				
HAA 2C	9/12/2018 9:48	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L				
HAA 7B	9/12/2018 8:30	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L				
HAA 15C	2/12/2018 9:52	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L				
HAA 15D	9/17/2018 14:48	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L				
HAA017D	9/20/2018 13:04	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L				
HAA019D	2/7/2018 12:49	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L				
HAA 9C	2/7/2018 11:21	TOTAL ALKALINITY (AS CACO3)	NA	9	mg/L				
HAA 10C	2/7/2018 9:22	TOTAL ALKALINITY (AS CACO3)	NA	8	mg/L				
HAA 11C	2/6/2018 10:10	TOTAL ALKALINITY (AS CACO3)	NA	8	mg/L				
HAA 15D	2/12/2018 11:18	TOTAL ALKALINITY (AS CACO3)	NA	8	mg/L				
HAA 1D	9/12/2018 14:57	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				
HAA 13D	9/13/2018 13:33	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA018C	2/12/2018 13:46	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				
HAA018C	9/25/2018 8:51	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				
HAA018D	9/25/2018 10:40	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				
HAA020D	2/6/2018 12:22	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				
HAA020D	9/13/2018 9:45	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L				
HAA 8B	9/12/2018 11:18	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L				
HAA 10C	9/13/2018 11:00	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L				
HAA 9C	9/12/2018 9:40	TOTAL ALKALINITY (AS CACO3)	NA	4	mg/L				
HAA018D	2/12/2018 14:28	TOTAL ALKALINITY (AS CACO3)	NA	4	mg/L				
HAA021C	9/13/2018 13:08	TOTAL ALKALINITY (AS CACO3)	NA	4	mg/L				
HAA 12C	9/13/2018 8:34	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L				
HAA021C	2/6/2018 9:32	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L				
HAA 1D	2/5/2018 14:30	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 2C	2/6/2018 14:00	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 2D	2/6/2018 12:59	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 2D	9/12/2018 11:08	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 4D	2/7/2018 11:39	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 4D	9/20/2018 9:35	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 7B	2/7/2018 8:30	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 7C	2/7/2018 9:40	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 7D	2/7/2018 9:26	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 7D	9/12/2018 10:04	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 8B	2/5/2018 9:24	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 8C	2/5/2018 10:39	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 8C	9/12/2018 11:48	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 8D	2/5/2018 9:50	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 8D	9/12/2018 12:05	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 9D	2/7/2018 11:48	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 9D	9/12/2018 10:07	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 10D	2/7/2018 9:37	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 10D	9/13/2018 7:41	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 11D	2/6/2018 10:40	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 11D	9/13/2018 11:34	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 12C	2/6/2018 12:40	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 12D	2/6/2018 14:00	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 12D	9/13/2018 7:53	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 13D	2/6/2018 10:07	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 14D	2/7/2018 15:08	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 14D	9/19/2018 11:00	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA017D	2/12/2018 12:53	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA019D	9/13/2018 9:08	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA021D	2/6/2018 11:39	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA021D	9/13/2018 13:19	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L				
HAA 12C	**2/6/2018 12:40**	**TRITIUM**	**20**	**49.9**	**pCi/mL**			**0.434**	**3.03**
HAA 12C	**9/13/2018 8:34**	**TRITIUM**	**20**	**49.2**	**pCi/mL**			**0.459**	**3.05**
HAA 12D	**2/6/2018 14:00**	**TRITIUM**	**20**	**21.4**	**pCi/mL**			**0.437**	**2.18**
HAA 13D	2/6/2018 10:07	TRITIUM	20	8.41	pCi/mL			0.436	1.6
HAA 13D	9/13/2018 13:33	TRITIUM	20	8.09	pCi/mL			0.46	1.62
HAA 12D	9/13/2018 7:53	TRITIUM	20	7.53	pCi/mL			0.459	1.59
HAA 11D	9/13/2018 11:34	TRITIUM	20	7.52	pCi/mL			0.459	1.58
HAA 11D	2/6/2018 10:40	TRITIUM	20	6.56	pCi/mL			0.435	1.49
HAA 10D	9/13/2018 7:41	TRITIUM	20	6	pCi/mL			0.459	1.49
HAA 8D	2/5/2018 9:50	TRITIUM	20	5.83	pCi/mL			0.446	1.46
HAA 10D	2/7/2018 9:37	TRITIUM	20	5.74	pCi/mL			0.412	1.39
HAA 8D	9/12/2018 12:05	TRITIUM	20	5.48	pCi/mL			0.472	1.48
HAA 14D	9/19/2018 11:00	TRITIUM	20	5.23	pCi/mL			0.41	1.36
HAA 14D	2/7/2018 15:08	TRITIUM	20	5.14	pCi/mL			0.412	1.35
HAA 4D	9/20/2018 9:35	TRITIUM	20	5.06	pCi/mL			0.402	1.33
HAA 9D	9/12/2018 10:07	TRITIUM	20	4.94	pCi/mL			0.472	1.45
HAA 4D	2/7/2018 11:39	TRITIUM	20	4.93	pCi/mL			0.395	1.31
HAA 9D	2/7/2018 11:48	TRITIUM	20	4.91	pCi/mL			0.392	1.31
HAA 4B	2/7/2018 9:08	TRITIUM	20	4.58	pCi/mL			0.393	1.28
HAA 15D	2/12/2018 11:18	TRITIUM	20	4.57	pCi/mL			0.373	1.25
HAA 15D	9/17/2018 14:48	TRITIUM	20	3.82	pCi/mL			0.412	1.26
HAA 7D	9/12/2018 10:04	TRITIUM	20	3.49	pCi/mL			0.478	1.36
HAA 7D	2/7/2018 9:26	TRITIUM	20	3.42	pCi/mL			0.389	1.19
HAA 10C	9/13/2018 11:00	TRITIUM	20	3.38	pCi/mL			0.456	1.3
HAA021D	2/6/2018 11:39	TRITIUM	20	3.35	pCi/mL			0.391	1.19
HAA 4B	9/20/2018 8:30	TRITIUM	20	3.25	pCi/mL			0.396	1.18
HAA017D	9/20/2018 13:04	TRITIUM	20	3.23	pCi/mL			0.401	1.19
HAA017D	2/12/2018 12:53	TRITIUM	20	3.04	pCi/mL			0.373	1.13
HAA021D	9/13/2018 13:19	TRITIUM	20	2.97	pCi/mL			0.46	1.28
HAA 10C	2/7/2018 9:22	TRITIUM	20	2.88	pCi/mL			0.412	1.19
HAA018D	2/12/2018 14:28	TRITIUM	20	2.82	pCi/mL			0.369	1.1
HAA019D	2/7/2018 12:49	TRITIUM	20	2.78	pCi/mL			0.415	1.18
HAA018D	9/25/2018 10:40	TRITIUM	20	2.77	pCi/mL			0.402	1.16
HAA020D	2/6/2018 12:22	TRITIUM	20	2.71	pCi/mL			0.393	1.14
HAA019D	9/13/2018 9:08	TRITIUM	20	2.49	pCi/mL			0.461	1.24
HAA020D	9/13/2018 9:45	TRITIUM	20	2.48	pCi/mL			0.466	1.25

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 2D	9/12/2018 11:08	TRITIUM	20	2.14	pCi/mL			0.474	1.24
HAA 15C	2/12/2018 9:52	TRITIUM	20	1.99	pCi/mL			0.38	1.05
HAA021C	2/6/2018 9:32	TRITIUM	20	1.99	pCi/mL			0.391	1.07
HAA 15C	9/17/2018 13:56	TRITIUM	20	1.84	pCi/mL			0.41	1.09
HAA 1D	2/5/2018 14:30	TRITIUM	20	1.73	pCi/mL			0.452	1.16
HAA021C	9/13/2018 13:08	TRITIUM	20	1.64	pCi/mL			0.464	1.17
HAA 13B	9/13/2018 8:19	TRITIUM	20	1.55	pCi/mL			0.463	1.17
HAA 9C	9/12/2018 9:40	TRITIUM	20	1.48	pCi/mL			0.471	1.17
HAA 9C	2/7/2018 11:21	TRITIUM	20	1.4	pCi/mL			0.393	1.01
HAA 2D	2/6/2018 12:59	TRITIUM	20	1.36	pCi/mL			0.44	1.1
HAA 1D	9/12/2018 14:57	TRITIUM	20	1.34	pCi/mL			0.479	1.18
HAA 1A	9/12/2018 12:54	TRITIUM	20	1.32	pCi/mL			0.483	1.18
HAA 8C	9/12/2018 11:48	TRITIUM	20	1.27	pCi/mL			0.48	1.17
HAA 13B	2/6/2018 8:30	TRITIUM	20	1.25	pCi/mL			0.429	1.07
HAA 11C	9/13/2018 11:05	TRITIUM	20	1.16	pCi/mL			0.457	1.11
HAA020C	2/6/2018 8:41	TRITIUM	20	1.12	pCi/mL			0.394	0.985
HAA 1A	9/12/2018 12:54	TRITIUM	20	1.11	pCi/mL	J	J	0.478	1.15
HAA 2C	2/6/2018 14:00	TRITIUM	20	1.06	pCi/mL	J	J	0.437	1.06
HAA 11B	2/6/2018 9:37	TRITIUM	20	1.06	pCi/mL	J	J	0.437	1.06
HAA020C	9/13/2018 9:16	TRITIUM	20	1.02	pCi/mL	J	J	0.46	1.11
HAA 13C	2/6/2018 9:25	TRITIUM	20	0.963	pCi/mL	J	J	0.438	1.06
HAA 8C	2/5/2018 10:39	TRITIUM	20	0.959	pCi/mL	J	J	0.444	1.07
HAA 11C	2/6/2018 10:10	TRITIUM	20	0.878	pCi/mL	J	J	0.436	1.04
HAA 4C	2/7/2018 10:16	TRITIUM	20	0.815	pCi/mL	J	J	0.392	0.947
HAA 2C	9/12/2018 9:48	TRITIUM	20	0.788	pCi/mL	J	J	0.474	1.11
HAA 15B	2/12/2018 8:47	TRITIUM	20	0.785	pCi/mL	J	J	0.374	0.908
HAA 15B	2/12/2018 8:47	TRITIUM	20	0.774	pCi/mL	J	J	0.38	0.919
HAA 4C	9/20/2018 9:10	TRITIUM	20	0.762	pCi/mL	J	J	0.399	0.955
HAA 13C	9/13/2018 10:14	TRITIUM	20	0.757	pCi/mL	J	J	0.463	1.09
HAA 11B	9/27/2018 10:57	TRITIUM	20	0.596	pCi/mL	J	J	0.389	0.913
HAA 15B	9/17/2018 13:03	TRITIUM	20	0.519	pCi/mL	J	J	0.418	0.965
HAA 14B	2/7/2018 13:11	TRITIUM	20	0.507	pCi/mL	J	J	0.414	0.955
HAA019C	2/7/2018 13:46	TRITIUM	20	0.464	pCi/mL	J	J	0.413	0.948
HAA 10B	9/13/2018 10:10	TRITIUM	20	0.451	pCi/mL	U	U	0.456	1.04
HAA 14C	9/19/2018 0:00	TRITIUM	20	0.423	pCi/mL	J	J	0.309	0.735
HAA019C	9/13/2018 10:00	TRITIUM	20	0.412	pCi/mL	U	U	0.458	1.04
HAA 11B	9/27/2018 10:57	TRITIUM	20	0.409	pCi/mL	J	J	0.392	0.897
HAA 14C	9/19/2018 0:00	TRITIUM	20	0.4045	pCi/mL	J	J	0.31	0.734
HAA 14C	2/7/2018 14:03	TRITIUM	20	0.382	pCi/mL	J	J	0.297	0.701
HAA018C	9/25/2018 0:00	TRITIUM	20	0.321	pCi/mL	U	U	0.402	0.907
HAA 10B	2/7/2018 0:00	TRITIUM	20	0.316	pCi/mL	U	U	0.415	0.935
HAA 14C	2/7/2018 14:03	TRITIUM	20	0.294	pCi/mL	U	U	0.414	0.928
HAA 10B	2/7/2018 0:00	TRITIUM	20	0.255	pCi/mL	U	U	0.414	0.925
HAA 7C	9/12/2018 9:36	TRITIUM	20	0.254	pCi/mL	U	U	0.472	1.05
HAA 14B	9/19/2018 12:00	TRITIUM	20	0.253	pCi/mL	U	U	0.415	0.927
HAA 10B	2/7/2018 8:26	TRITIUM	20	0.241	pCi/mL	U	U	0.415	0.926
HAA 7B	2/7/2018 8:30	TRITIUM	20	0.225	pCi/mL	U	U	0.392	0.873
HAA 12B	9/17/2018 15:00	TRITIUM	20	0.21	pCi/mL	U	U	0.414	0.919
HAA018C	2/12/2018 0:00	TRITIUM	20	0.208	pCi/mL	U	U	0.369	0.823
HAA017C	9/20/2018 10:49	TRITIUM	20	0.171	pCi/mL	U	U	0.4	0.884
HAA 9B	2/7/2018 10:35	TRITIUM	20	0.17	pCi/mL	U	U	0.39	0.863
HAA017C	2/12/2018 12:16	TRITIUM	20	0.161	pCi/mL	U	U	0.37	0.817
HAA018C	9/25/2018 8:51	TRITIUM	20	0.161	pCi/mL	U	U	0.4	0.881
HAA 7B	9/12/2018 8:30	TRITIUM	20	0.159	pCi/mL	U	U	0.471	1.04
HAA 1A	2/5/2018 13:06	TRITIUM	20	0.158	pCi/mL	U	U	0.447	0.984
HAA018C	2/12/2018 13:46	TRITIUM	20	0.157	pCi/mL	U	U	0.372	0.821
HAA 1C	2/5/2018 13:55	TRITIUM	20	0.147	pCi/mL	U	U	0.433	0.951
HAA 14C	9/19/2018 10:20	TRITIUM	20	0.119	pCi/mL	U	U	0.415	0.908
HAA 7C	2/7/2018 9:40	TRITIUM	20	0.118	pCi/mL	U	U	0.394	0.863
HAA 8B	9/12/2018 11:18	TRITIUM	20	0.113	pCi/mL	U	U	0.478	1.04
HAA 10B	9/13/2018 0:00	TRITIUM	20	0.1	pCi/mL	U	U	0.46	1
HAA 12B	2/6/2018 11:38	TRITIUM	20	0.0805	pCi/mL	U	U	0.43	0.936
HAA 2B	9/12/2018 8:34	TRITIUM	20	0.0627	pCi/mL	U	U	0.473	1.03
HAA 8B	2/5/2018 0:00	TRITIUM	20	0.04144	pCi/mL	U	U	0.298	0.638
HAA 8B	2/5/2018 0:00	TRITIUM	20	0.0338	pCi/mL	U	U	0.307	0.655
HAA 1C	9/12/2018 13:40	TRITIUM	20	0.015	pCi/mL	U	U	0.479	1.04
HAA 10B	9/13/2018 0:00	TRITIUM	20	0.013	pCi/mL	U	U	0.456	0.987
HAA 9B	9/12/2018 8:53	TRITIUM	20	0.00163	pCi/mL	U	U	0.469	1.01
HAA 8B	2/5/2018 9:24	TRITIUM	20	-0.0181	pCi/mL	U	U	0.448	0.963
HAA 8B	9/12/2018 0:00	TRITIUM	20	-0.0977	pCi/mL	U	U	0.29	0.592
HAA 2B	2/6/2018 13:21	TRITIUM	20	-0.17	pCi/mL	U	U	0.441	0.928
HAA021D	2/6/2018 11:39	TURBIDITY	NA	160	NTU				
HAA020D	2/6/2018 12:22	TURBIDITY	NA	132	NTU				
HAA 7C	2/7/2018 9:40	TURBIDITY	NA	43.2	NTU				
HAA 11B	9/27/2018 10:57	TURBIDITY	NA	25.4	NTU				
HAA 13D	2/6/2018 10:07	TURBIDITY	NA	20	NTU				
HAA 13D	9/13/2018 13:33	TURBIDITY	NA	14.7	NTU				
HAA020D	9/13/2018 9:45	TURBIDITY	NA	14	NTU				
HAA017D	9/20/2018 13:04	TURBIDITY	NA	9.8	NTU				

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA019D	9/13/2018 9:08	TURBIDITY	NA	9.7	NTU				
HAA 10B	2/7/2018 8:26	TURBIDITY	NA	9.3	NTU				
HAA 1D	2/5/2018 14:30	TURBIDITY	NA	9	NTU				
HAA 1D	9/12/2018 14:57	TURBIDITY	NA	8.2	NTU				
HAA 7C	9/12/2018 9:36	TURBIDITY	NA	8.2	NTU				
HAA018D	9/25/2018 10:40	TURBIDITY	NA	8.2	NTU				
HAA019D	2/7/2018 12:49	TURBIDITY	NA	8.2	NTU				
HAA021D	9/13/2018 13:19	TURBIDITY	NA	6.5	NTU				
HAA018D	2/12/2018 14:28	TURBIDITY	NA	6.4	NTU				
HAA 14D	9/19/2018 11:00	TURBIDITY	NA	4.9	NTU				
HAA 4D	2/7/2018 11:39	TURBIDITY	NA	4.7	NTU				
HAA017C	2/12/2018 12:16	TURBIDITY	NA	4.6	NTU				
HAA017C	9/20/2018 10:49	TURBIDITY	NA	4.6	NTU				
HAA 7D	9/12/2018 10:04	TURBIDITY	NA	4.5	NTU				
HAA 2D	2/6/2018 12:59	TURBIDITY	NA	4.1	NTU				
HAA 4B	9/20/2018 8:30	TURBIDITY	NA	3.1	NTU				
HAA 10B	9/13/2018 10:10	TURBIDITY	NA	3	NTU				
HAA 15B	9/17/2018 13:03	TURBIDITY	NA	2.8	NTU				
HAA 15D	9/17/2018 14:48	TURBIDITY	NA	2.6	NTU				
HAA 11D	2/6/2018 10:40	TURBIDITY	NA	2.5	NTU				
HAA 13B	9/13/2018 8:19	TURBIDITY	NA	2.5	NTU				
HAA 15B	2/12/2018 8:47	TURBIDITY	NA	2.2	NTU				
HAA 4D	9/20/2018 9:35	TURBIDITY	NA	2	NTU				
HAA 11D	9/13/2018 11:34	TURBIDITY	NA	2	NTU				
HAA 9D	2/7/2018 11:48	TURBIDITY	NA	1.9	NTU				
HAA 10C	9/13/2018 11:00	TURBIDITY	NA	1.9	NTU				
HAA 9B	9/12/2018 8:53	TURBIDITY	NA	1.8	NTU				
HAA 10D	9/13/2018 7:41	TURBIDITY	NA	1.8	NTU				
HAA017D	2/12/2018 12:53	TURBIDITY	NA	1.8	NTU				
HAA 2B	9/12/2018 8:34	TURBIDITY	NA	1.7	NTU				
HAA 9D	9/12/2018 10:07	TURBIDITY	NA	1.7	NTU				
HAA 4B	2/7/2018 9:08	TURBIDITY	NA	1.6	NTU				
HAA018C	2/12/2018 13:46	TURBIDITY	NA	1.4	NTU				
HAA020C	2/6/2018 8:41	TURBIDITY	NA	1.4	NTU				
HAA 2D	9/12/2018 11:08	TURBIDITY	NA	1.3	NTU				
HAA 4C	9/20/2018 9:10	TURBIDITY	NA	1.3	NTU				
HAA 15D	2/12/2018 11:18	TURBIDITY	NA	1.3	NTU				
HAA 13C	9/13/2018 10:14	TURBIDITY	NA	1.2	NTU				
HAA 14B	2/7/2018 13:11	TURBIDITY	NA	1.1	NTU				
HAA 9B	2/7/2018 10:35	TURBIDITY	NA	1	NTU				
HAA018C	9/25/2018 8:51	TURBIDITY	NA	1	NTU				
HAA 4C	2/7/2018 10:16	TURBIDITY	NA	0.9	NTU				
HAA 7D	2/7/2018 9:26	TURBIDITY	NA	0.9	NTU				
HAA 9C	9/12/2018 9:40	TURBIDITY	NA	0.9	NTU				
HAA 14D	2/7/2018 15:08	TURBIDITY	NA	0.9	NTU				
HAA 15C	9/17/2018 13:56	TURBIDITY	NA	0.9	NTU				
HAA 1C	9/12/2018 13:40	TURBIDITY	NA	0.8	NTU				
HAA 10D	2/7/2018 9:37	TURBIDITY	NA	0.8	NTU				
HAA 11B	2/6/2018 9:37	TURBIDITY	NA	0.8	NTU				
HAA021C	2/6/2018 9:32	TURBIDITY	NA	0.8	NTU				
HAA 2C	9/12/2018 9:48	TURBIDITY	NA	0.7	NTU				
HAA 8D	2/5/2018 9:50	TURBIDITY	NA	0.7	NTU				
HAA 9C	2/7/2018 11:21	TURBIDITY	NA	0.7	NTU				
HAA 15C	2/12/2018 9:52	TURBIDITY	NA	0.7	NTU				
HAA 12B	2/6/2018 11:38	TURBIDITY	NA	0.6	NTU				
HAA 12C	2/6/2018 12:40	TURBIDITY	NA	0.6	NTU				
HAA 14B	9/19/2018 12:00	TURBIDITY	NA	0.6	NTU				
HAA019C	2/7/2018 13:46	TURBIDITY	NA	0.6	NTU				
HAA 1A	2/5/2018 13:06	TURBIDITY	NA	0.5	NTU				
HAA 2B	2/6/2018 13:21	TURBIDITY	NA	0.5	NTU				
HAA 7B	2/7/2018 8:30	TURBIDITY	NA	0.5	NTU				
HAA 10C	2/7/2018 9:22	TURBIDITY	NA	0.5	NTU				
HAA 13B	2/6/2018 8:30	TURBIDITY	NA	0.5	NTU				
HAA 14C	9/19/2018 10:20	TURBIDITY	NA	0.5	NTU				
HAA 1C	2/5/2018 13:55	TURBIDITY	NA	0.4	NTU				
HAA 7B	9/12/2018 8:30	TURBIDITY	NA	0.4	NTU				
HAA 12B	9/17/2018 15:00	TURBIDITY	NA	0.4	NTU				
HAA 12C	9/13/2018 8:34	TURBIDITY	NA	0.4	NTU				
HAA 12D	9/13/2018 7:53	TURBIDITY	NA	0.4	NTU				
HAA 14C	2/7/2018 14:03	TURBIDITY	NA	0.4	NTU				
HAA020C	9/13/2018 9:16	TURBIDITY	NA	0.4	NTU				
HAA 1A	9/12/2018 12:54	TURBIDITY	NA	0.3	NTU				
HAA 8B	2/5/2018 9:24	TURBIDITY	NA	0.3	NTU				
HAA 8C	2/5/2018 10:39	TURBIDITY	NA	0.3	NTU				
HAA 8D	9/12/2018 12:05	TURBIDITY	NA	0.3	NTU				
HAA 11C	2/6/2018 10:10	TURBIDITY	NA	0.3	NTU				
HAA 12D	2/6/2018 14:00	TURBIDITY	NA	0.3	NTU				
HAA019C	9/13/2018 10:00	TURBIDITY	NA	0.3	NTU				
HAA021C	9/13/2018 13:08	TURBIDITY	NA	0.3	NTU				

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 8B	9/12/2018 11:18	TURBIDITY	NA	0.2	NTU				
HAA 11C	9/13/2018 11:05	TURBIDITY	NA	0.2	NTU				
HAA 13C	2/6/2018 9:25	TURBIDITY	NA	0.2	NTU				
HAA 2C	2/6/2018 14:00	TURBIDITY	NA	0.1	NTU				
HAA 8C	9/12/2018 11:48	TURBIDITY	NA	0.1	NTU				
HAA 4D	9/20/2018 9:35	URANIUM-233/234	10	0.159	pCi/L	U	U	0.172	0.46
HAA 4D	9/20/2018 9:35	URANIUM-233/234	10	0.151	pCi/L	U	U	0.177	0.483
HAA 4D	2/7/2018 11:39	URANIUM-233/234	10	0.0317	pCi/L	U	U	0.141	0.298
HAA 4D	9/20/2018 9:35	URANIUM-235	0.5	0.0751	pCi/L	U	U	0.165	0.403
HAA 4D	9/20/2018 9:35	URANIUM-235	0.5	0.0635	pCi/L	U	U	0.173	0.423
HAA 4D	2/7/2018 11:39	URANIUM-235	0.5	0.000854	pCi/L	U	U	0.141	0.268
HAA 4D	9/20/2018 9:35	URANIUM-238	10	0.139	pCi/L	U	U	0.14	0.422
HAA 4D	9/20/2018 9:35	URANIUM-238	10	0.0994	pCi/L	U	U	0.222	0.502
HAA 4D	2/7/2018 11:39	URANIUM-238	10	0.0311	pCi/L	U	U	0.121	0.262
HAA 2D	9/12/2018 11:08	Water Elevation	NA	272.8	ft msl				
HAA 2D	2/6/2018 12:59	Water Elevation	NA	272.02	ft msl				
HAA 1D	9/12/2018 14:57	Water Elevation	NA	271	ft msl				
HAA 7D	9/12/2018 10:04	Water Elevation	NA	270.21	ft msl				
HAA020D	9/13/2018 9:45	Water Elevation	NA	270.14	ft msl				
HAA021D	9/13/2018 13:19	Water Elevation	NA	270.06	ft msl				
HAA 15D	9/17/2018 14:48	Water Elevation	NA	269.93	ft msl				
HAA 1D	2/5/2018 14:30	Water Elevation	NA	269.9	ft msl				
HAA 4D	9/20/2018 9:35	Water Elevation	NA	269.5	ft msl				
HAA 14D	9/19/2018 11:00	Water Elevation	NA	269.29	ft msl				
HAA021D	2/6/2018 11:39	Water Elevation	NA	269.1	ft msl				
HAA 4D	2/7/2018 11:39	Water Elevation	NA	269	ft msl				
HAA017D	9/20/2018 13:04	Water Elevation	NA	268.97	ft msl				
HAA 15D	2/12/2018 11:18	Water Elevation	NA	268.93	ft msl				
HAA018D	9/25/2018 10:40	Water Elevation	NA	268.93	ft msl				
HAA018D	2/12/2018 14:28	Water Elevation	NA	268.83	ft msl				
HAA 14D	2/7/2018 15:08	Water Elevation	NA	268.79	ft msl				
HAA020D	2/6/2018 12:22	Water Elevation	NA	268.74	ft msl				
HAA017D	2/12/2018 12:53	Water Elevation	NA	268.6	ft msl				
HAA 12D	9/13/2018 7:53	Water Elevation	NA	268.41	ft msl				
HAA 7D	2/7/2018 9:26	Water Elevation	NA	268.21	ft msl				
HAA 13D	9/13/2018 13:33	Water Elevation	NA	268.06	ft msl				
HAA 10D	9/13/2018 7:41	Water Elevation	NA	267.9	ft msl				
HAA 8D	9/12/2018 12:05	Water Elevation	NA	267.74	ft msl				
HAA019D	9/13/2018 9:08	Water Elevation	NA	267.61	ft msl				
HAA 13D	2/6/2018 10:07	Water Elevation	NA	266.66	ft msl				
HAA 11D	9/13/2018 11:34	Water Elevation	NA	266.39	ft msl				
HAA019D	2/7/2018 12:49	Water Elevation	NA	266.3	ft msl				
HAA 12D	2/6/2018 14:00	Water Elevation	NA	266.16	ft msl				
HAA 8D	2/5/2018 9:50	Water Elevation	NA	265.74	ft msl				
HAA 10D	2/7/2018 9:37	Water Elevation	NA	265.62	ft msl				
HAA 11D	2/6/2018 10:40	Water Elevation	NA	264.99	ft msl				
HAA 9D	9/12/2018 10:07	Water Elevation	NA	262.75	ft msl				
HAA 9D	2/7/2018 11:48	Water Elevation	NA	260.56	ft msl				
HAA021C	9/13/2018 13:08	Water Elevation	NA	253.73	ft msl				
HAA 10C	9/13/2018 11:00	Water Elevation	NA	252.87	ft msl				
HAA 7C	9/12/2018 9:36	Water Elevation	NA	252.73	ft msl				
HAA021C	2/6/2018 9:32	Water Elevation	NA	252.48	ft msl				
HAA020C	9/13/2018 9:16	Water Elevation	NA	251.99	ft msl				
HAA 10B	9/13/2018 10:10	Water Elevation	NA	251.94	ft msl				
HAA 2C	9/12/2018 9:48	Water Elevation	NA	251.4	ft msl				
HAA 10C	2/7/2018 9:22	Water Elevation	NA	251.37	ft msl				
HAA 7C	2/7/2018 9:40	Water Elevation	NA	251.23	ft msl				
HAA 8C	2/5/2018 10:39	Water Elevation	NA	251.15	ft msl				
HAA 8C	9/12/2018 11:48	Water Elevation	NA	250.95	ft msl				
HAA020C	2/6/2018 8:41	Water Elevation	NA	250.93	ft msl				
HAA 9C	9/12/2018 9:40	Water Elevation	NA	250.78	ft msl				
HAA 7B	9/12/2018 8:30	Water Elevation	NA	250.74	ft msl				
HAA 2C	2/6/2018 14:00	Water Elevation	NA	250.5	ft msl				
HAA 10B	2/7/2018 8:26	Water Elevation	NA	250.4	ft msl				
HAA 1C	9/12/2018 13:40	Water Elevation	NA	250.2	ft msl				
HAA 8B	9/12/2018 11:18	Water Elevation	NA	250.15	ft msl				
HAA 2B	9/12/2018 8:34	Water Elevation	NA	250	ft msl				
HAA 11B	9/27/2018 10:57	Water Elevation	NA	249.94	ft msl				
HAA 4C	9/20/2018 9:10	Water Elevation	NA	249.8	ft msl				
HAA 9B	9/12/2018 8:53	Water Elevation	NA	249.54	ft msl				
HAA 8B	2/5/2018 9:24	Water Elevation	NA	249.45	ft msl				
HAA 1C	2/5/2018 13:55	Water Elevation	NA	249.4	ft msl				
HAA 7B	2/7/2018 8:30	Water Elevation	NA	249.34	ft msl				
HAA 11B	2/6/2018 9:37	Water Elevation	NA	249.24	ft msl				
HAA 9C	2/7/2018 11:21	Water Elevation	NA	249.23	ft msl				
HAA 2B	2/6/2018 13:21	Water Elevation	NA	249.2	ft msl				
HAA 12C	9/13/2018 8:34	Water Elevation	NA	249.13	ft msl				
HAA 12B	9/17/2018 15:00	Water Elevation	NA	248.81	ft msl				
HAA 4B	9/20/2018 8:30	Water Elevation	NA	248.8	ft msl				

Well Name	Collection Date	Analyte	MCL	Result	Units	Lab Qualifier	Review Qualifier	Detection Limit	Quantitation Limit (SQL)
HAA 4C	2/7/2018 10:16	Water Elevation	NA	248.6	ft msl				
HAA 11C	9/13/2018 11:05	Water Elevation	NA	248.46	ft msl				
HAA 11C	2/6/2018 10:10	Water Elevation	NA	248.06	ft msl				
HAA 9B	2/7/2018 10:35	Water Elevation	NA	247.98	ft msl				
HAA 13C	9/13/2018 10:14	Water Elevation	NA	247.78	ft msl				
HAA 12C	2/6/2018 12:40	Water Elevation	NA	247.69	ft msl				
HAA 13B	9/13/2018 8:19	Water Elevation	NA	247.59	ft msl				
HAA 12B	2/6/2018 11:38	Water Elevation	NA	247.51	ft msl				
HAA 4B	2/7/2018 9:08	Water Elevation	NA	247.5	ft msl				
HAA 14C	9/19/2018 10:20	Water Elevation	NA	246.78	ft msl				
HAA 13C	2/6/2018 9:25	Water Elevation	NA	246.46	ft msl				
HAA 14B	9/19/2018 12:00	Water Elevation	NA	246.43	ft msl				
HAA 14C	2/7/2018 14:03	Water Elevation	NA	246.38	ft msl				
HAA 13B	2/6/2018 8:30	Water Elevation	NA	246.35	ft msl				
HAA 14B	2/7/2018 13:11	Water Elevation	NA	246.33	ft msl				
HAA 15C	9/17/2018 13:56	Water Elevation	NA	246.13	ft msl				
HAA 15B	9/17/2018 13:03	Water Elevation	NA	245.64	ft msl				
HAA 15C	2/12/2018 9:52	Water Elevation	NA	245.03	ft msl				
HAA 15B	2/12/2018 8:47	Water Elevation	NA	244.44	ft msl				
HAA017C	9/20/2018 10:49	Water Elevation	NA	243.92	ft msl				
HAA017C	2/12/2018 12:16	Water Elevation	NA	243.76	ft msl				
HAA018C	9/25/2018 8:51	Water Elevation	NA	241.48	ft msl				
HAA018C	2/12/2018 13:46	Water Elevation	NA	240.64	ft msl				
HAA019C	9/13/2018 10:00	Water Elevation	NA	236.72	ft msl				
HAA019C	2/7/2018 13:46	Water Elevation	NA	235.95	ft msl				
HAA 1A	2/5/2018 13:06	Water Elevation	NA	179.6	ft msl				
HAA 1A	9/12/2018 12:54	Water Elevation	NA	179	ft msl				