Savannah River NUCLEAR SOLUTIONS℠

2023 Annual Groundwater Monitoring Report For the F- and H-Area Radioactive Liquid Waste Tank Farms (U)

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amsl	above mean sea level
~	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
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, LLC
SRR	Savannah River Remediation, LLC
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 2023. As required by the Consolidated General Closure Plan for F-Area and H-Area Waste Tank Systems (Savannah River Remediation, LLC [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). No tanks were grouted at the FTF or HTF during 2023. 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 (*Savannah River Nuclear Solutions, LLC [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 2023, 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 2023 for 13 of 14 wells at the FTF and all 46 wells at the HTF. Table 1 provides a list of wells sampled for each facility's monitoring program.

Overall, the monitoring results, presented in Attachments A and B, are similar to those from past years. In 2023, results indicated no 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 approximately (~) 700 feet (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 Upper Aquifer Zone (UAZ) and the Lower Aquifer Zone (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.

During 2023, SRS recorded 64.20 inches (in.) of precipitation based on data from the SRNL Atmospheric Technologies Group 200-H rain gauge. This amount of precipitation was greater than the 31-year average (48.25 in. per year) based on data from 1990 through 2020 at the SRS 700-A rain gauge (SRNL 2021) and is considered above average rainfall for SRS.

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 14 monitoring wells. The well network is located around the downgradient perimeter of the FTF and includes wells screened in the UAZ (7) and LAZ (4) and 3 background wells (UAZ [2] and LAZ [1]). In 2022, well FBG002D was installed and added to the monitoring program for the FTF to monitor background groundwater conditions in the UAZ at the FTF. The network of 14 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 2023, SRS sampled 13 of 14 FTF monitoring wells in the first calendar quarter and 13 of 14 FTF monitoring wells during the third calendar quarter. All the wells were sampled as scheduled during 2023 except for the UAZ background well FBG001D.

Despite above average rainfall and an overall increasing water elevation from 2012 to 2020 the water in the UAZ, in the area of well FBG001D, is thin. Even though the well screen is located at the top of the tan clay, at the bottom of the UAZ, not enough water is present to collect for sampling. FBG001D is located on the north-west side of a groundwater divide where water flows to Upper Three Runs. On this side of the divide, the water table surface quickly dips below the tan clay and exists in the LAZ as you move away from the divide. FBG001D is essentially located where the water table surface begins to drop into the LAZ and the UAZ becomes unsaturated.

South of the groundwater divide, water flows to Fourmile Branch and the water table exists in the UAZ. FBG002D was placed on the south-east side of the FTF and the south side of the groundwater divide (See Figure 6) to monitor the FTF where the water table does exist in the UAZ.

SRS will continue to attempt to sample FBG001D in future sampling events should the water elevation rise that there is enough water in the UAZ for well FBG001D to provide sufficient water for a sample. Otherwise, FBG001C will provide background water quality data for the area North of the groundwater divide at the FTF.

In 2023, the FTF groundwater elevations for the UAZ ranged from ~ 224- to 218- ft above mean sea level (amsl) and were slightly lower than levels measured in 2022 (ranged from ~ 224- to 219 ft amsl). In the LAZ, groundwater elevations ranged from ~217- to 210- ft amsl and were slightly lower compared to levels measured in 2022 (ranged from ~218- to 211- ft amsl). Figures 6 and 7 provide the 2023 water level maps from the third quarter of 2023 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. Consistent with previous years, well FTF 28 exceeded the screening trigger level for nonvolatile beta in 2023 and contingency analyses were performed. Well FTF 19 also exceeded the screening trigger level for nonvolatile beta during the first quarter of 2023, but the contingency analysis were not performed due to administrative issues. However, the specific isotopes present in groundwater are known from past contingency analyses for well FTF 19. The results of the analysis for specific radionuclides 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 2023 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 milligrams per liter [mg/L]) for nitrate in all samples. The maximum concentration was 5.5 mg/L and occurred in the LAZ background well FBG001C.

Tritium

Tritium was below the MCL (20 picocuries per milliliter [pCi/mL]) in every well at the FTF. Although below the MCL, tritium was detected in every well at the FTF. The maximum tritium concentration at the FTF was 3.19 pCi/mL in well FTF 28. SRS will continue to monitor and evaluate tritium at the FTF.

Cadmium and Chromium

The majority of cadmium results were non-detect. The remaining results were below the Sample Quantitation Limit (SQL) and thus cannot be accurately quantified. The maximum result for cadmium was 0.84 J micrograms per liter (µg/L) at FTF 30D and did not exceed the MCL (5 µg/L).

In 2023, chromium was below the MCL of 100 µg/L in all samples. The third quarter sample for Chromium at FTF 30D was quantified as 91.9 J µg/L but was below the SQL. The first quarter result for chromium at FTF 30D was 11 µg/L. The maximum unqualified concentration of chromium was measured at UAZ well FTF 31 (40.8 µg/L) and was well below the MCL. The 2023 results for cadmium and chromium are consistent with results from previous years at the FTF.

Gross Alpha

Gross alpha was below the SQL in 17 of 29 samples at the FTF. The maximum result for gross alpha was 15 J pCi/L at FTF 28 during the first quarter. A field duplicate sample was also taken at FTF 28, with a result of 3.25 J pCi/L gross alpha. Both of these results were "J" qualified due to the relative percent difference between the regular sample and the field duplicate sample not being within control limits. A "J" qualified result means that the analyte was detected but the result is approximate. The third quarter results were lower (6.42 J pCi/L and non-detect), but also "J" qualified due to the relative percent difference between the regular sample and the field duplicate sample being outside of control limits. No results exceeded the trigger level of 15 pCi/L, so no analysis for specific radionuclides was done at the FTF. In 2023, gross alpha concentrations were low and consistent with previous results at the FTF.

Manganese and Sodium

Manganese and sodium are naturally occurring in the aquifer sediments at SRS. In 2023, manganese was below the drinking water regional screening level (RSL) (430 µg/L) at all wells with a maximum concentration of 386 µg/L at well FTF 30D. The next highest concentration for manganese was 220 µg/L at background well FGB002D.

In 2023, sodium concentrations were similar to historical levels with an average concentration of 7,171 µg/L. The maximum concentration was 27,100 µg/L at FTF 22. Sodium levels were above background concentrations at wells FTF 19, FTF 20, FTF 22, FTF 23, and FTF 30D in 2023. Background concentrations for sodium (averaging 5,350 µg/L at FBG001C and FBG002D) were higher than sodium concentrations at the remaining monitoring wells, which averaged ~4,200 µg/L. There is no MCL or RSL for sodium.

Nonvolatile Beta

Nonvolatile beta was detected in 22 of 29 samples. However, only 6 of the 22 detections exceeded the screening level of 50 pCi/L, with four from well FTF 28 and two from well FTF 19. In 2023, levels at FTF 28 ranged from 471 pCi/L to the maximum of 790 pCi/L. At FTF 19, nonvolatile

beta has exceeded 50 pCi/mL in the past, but from 2003 to 2020 has been below 50 pCi/mL (Figure 8). Starting in 2017, nonvolatile beta concentrations began to rise at FTF 19 until reaching a maximum concentration of 178 pCi/L during first quarter 2022. The nonvolatile beta concentrations have decreased since then and in 2023 ranged from 59.6 pCi/L during the first quarter to 15.3 pCi/L during the third quarter. The first quarter result of 59.6 pCi/L at FTF 19 should have triggered contingent analyses (e.g., beta/gamma speciation), but the analysis was not performed due to administrative issues. However, technetium-99 was measured in the first and third quarter samples at FTF 19 and shows a strong correlation with the nonvolatile beta and is likely the main contributor to the increase in nonvolatile beta (Figure 8). Analysis for specific radionuclides were performed at FTF 28 to determine the isotope(s) responsible for the beta concentration. The results of the contingent analyses are discussed below.

The 2023 monitoring continues to indicate the existence of a nonvolatile beta plume in the LAZ (FTF 28 and FSL 11C) downgradient of the FTF. The plume extends from FTF 28 to the southwest through well FSL 11C for ~3,000 ft. As reported in previous years, leaks from the F-Area Inactive Process Sewer Line (FIPSL) from F-Canyon to the security fence 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 2023, groundwater in the LAZ beneath the FTF had an average pH of 5.46. As shown in Figure 9, the hydrogen ion content at FTF 28 has been elevated in the past compared to nearby wells in the same aquifer and thus the pH is lower (pH 5.1) indicating that FTF 28 has likely been impacted by the FIPSL. Figure 10 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, operating facilities, and tank closure activities. Additional well installation will not be practicable until closure of the FTF (including closure of the F-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 FIPSL. 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 11), 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 (SRNS 2022).

Contingency analyses were performed for FTF 28. The additional analyses are provided in Attachment A. The only constituents detected above the SQL were, radium-226 (1.46 pCi/L),

radium-228 (0.534 pCi/L) and technetium-99 (1,284 pCi/L). Strontium-90 (14.1 pCi/L) was also detected at FTF 28 and was slightly above the MCL.

The nonvolatile beta observed at 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.

Iodine-129

Iodine-129 has previously been detected at the FTF in three wells (FTF 19, FTF 28, and FTF 12R) but is predominantly below detection limits. In 2023, iodine-129 was non-detect in all samples. SRS will continue to monitor for iodine-129 at the FTF.

Technetium-99

Technetium-99 has previously been greater than the MCL (900 pCi/L) in well FTF 28. In 2023, technetium-99 levels were similar to 2022 with a maximum of 1,284 pCi/L at FTF 28. Concentration trends for technetium-99 and nonvolatile beta in well FTF 28 are provided in Figure 12, which show a slowly increasing trend until 2020 and then a slightly decreasing trend thru 2023.

In 2023, technetium-99 was also analyzed at wells FTF 12R, FTF 19, FTF030 and FBG001C. The maximum concentration of technetium-99 at those wells was 74.1 pCi/L at FTF 19. SRS will continue to monitor technetium-99 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. 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 3 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 13 provides the monitoring locations.

In 2023, the HTF groundwater elevations for the UAZ ranged from ~ 275- to 262- ft above mean sea level (amsl) and were slightly higher than levels measured in 2022 (ranged from ~ 273- to 260 ft amsl). In the LAZ, groundwater elevations ranged from ~255- to 236- ft amsl and were slightly higher compared to levels measured in 2022 (ranged from ~253- to 235- ft amsl). Figures 14 and 15 illustrate groundwater flow directions and third quarter 2023 water levels for the UAZ and LAZ. Flow in the GAU is towards the northwest based on potentiometric data from HAA 1A and other regional wells that are not part of the HTF monitoring network.

In 2023, 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 2023, 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 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 2023 monitoring results. For comparison, a summary of historical monitoring results is provided in Table 3b.

Overall, the 2023 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 in 2023. The maximum concentration of nitrate-nitrite was 6 mg/L measured at HAA 4D. The remaining results at the HTF were also low with an average concentration of 1.41 mg/L. Overall, the nitrate-nitrite results were similar to previous years.

Tritium

Tritium was detectable in most of the samples from the HTF wells but was only above the MCL in one well. Well HAA 12C measured tritium greater than the MCL (20 pCi/mL) with a maximum result of 34.8 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 16 shows the history of tritium in both HAA 12 wells (UAZ and LAZ). In 2023, tritium concentrations were steady in HAA 12D and decreasing in HAA 12C. Long-term trends for both wells are shown to be decreasing. Figure 17 shows the maximum tritium concentrations in 2023 for the UTRA. The extent of the tritium plume is monitored by the GSA Eastern Groundwater OU monitoring program.

Gross Alpha

In 2023, gross alpha was below the screening level of 15 pCi/L in every sample. The maximum concentration of gross alpha was 9.34 J pCi/L measured at HAA 4D. The result was "J" qualified because it was below the SQL. The maximum unqualified measurement for gross alpha (6.47 pCi/L) was also measured at HAA 4D. Because gross alpha did not exceed the screening level of 15 pCi/L, no contingent analysis were performed for gross alpha and specific radionuclides. SRS will continue to monitor gross alpha according to the HTF SAP.

Cadmium and Chromium

Out of 96 samples, 88 results for cadmium were non-detect. The maximum concentration of cadmium was measured at wells HAA 9C (0.51 J µg/L) and was below the MCL of 5 µg/L.

For chromium, only 30 results out of 100 samples were above the SQL. The maximum concentration of chromium accurately quantifiable above the SQL was 14 µg/L measured at well HAA 19D and was below the MCL of 100 µg/L. The maximum estimated result below the SQL was 33.3 J µg/L measured at HAA 8C.

Manganese and Sodium

Manganese and sodium are naturally occurring in the aquifer sediments at SRS. Manganese was above the SQL in 38 of 96 samples. In 2023, there was one result (540 J µg/L) at HAA 17C that exceeded the RSL of 430 µg/L. The result occurred during the first quarter of 2023 and was flagged "J" due to the matrix spike recovery being outside of control limits. The third quarter result for manganese at HAA 17C was well below the RSL at 51.6 µg/L. The maximum unqualified concentration of manganese was 244 µg/L measured at HAA 10D. The average concentration for all samples above the laboratory method detection limit was 29.47 µg/L. In 2023, 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 almost every sample with the maximum result (18,000 µg/L) occurring at UAZ well HAA 10D. The average concentration of sodium was about the same as 2022 results at 3,546 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 7 of 97 samples. The average concentration of those results above the SQL was 14.5 pCi/L. The maximum concentration was 34.6 pCi/L at well HAA 12B and was 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 non-detect in all but 12 out of 97 samples in 2023. All of those results were very low with a max result of 49.7 pCi/L at well HAA 12B, which is significantly below the MCL of 900 pCi/L. Historically, technetium-99 has not been identified as a prevalent contaminant in groundwater at the HTF and the 2023 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 2023 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 2023 monitoring results show no indications of new releases to groundwater. Water level measurements and flow paths were similar to those from past years.

F-Area 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 well FTF 28 and the first quarter sample at FTF 19. At FTF 28, nonvolatile beta was similar to levels measured in 2022. The maximum result occurred at FTF 28 at 790 pCi/L. Historically, nonvolatile beta has fluctuated from sample to sample at this well. Isotopic analyses performed on samples from FTF 28 identified technetium-99 as the primary source of nonvolatile beta. The 2023 maximum concentration of technetium-99 at FTF 28 was 1,284 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, operating facilities, and tank closure activities. Additional well installation will not be practicable until closure of the FTF (including closure of the F-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 for technetium-99 and nonvolatile beta in this area and has included data from GSA Western Groundwater OU FSL, FGW, and BRR series wells on Figure 11 to show the extent of the technetium-99 and nonvolatile beta plumes.

Concentrations of gross alpha, nitrate-nitrite, tritium, cadmium, chromium, manganese, and sodium remain low and are below their respective RSL/MCL. Overall, the 2023 monitoring results show no indications of new releases at the FTF.

H-Area 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 the LAZ well HAA 12C. Compared to recent years, tritium concentrations in 2023 were steady in HAA 12D and decreasing in HAA 12C. SRS will continue to monitor for tritium at the HTF.

Overall, concentrations of cadmium, chromium, gross alpha, manganese, sodium, and nitrate-nitrite remain low and are below their respective MCL/RSLs. Overall, the 2023 monitoring results show no indications of new releases at the HTF.

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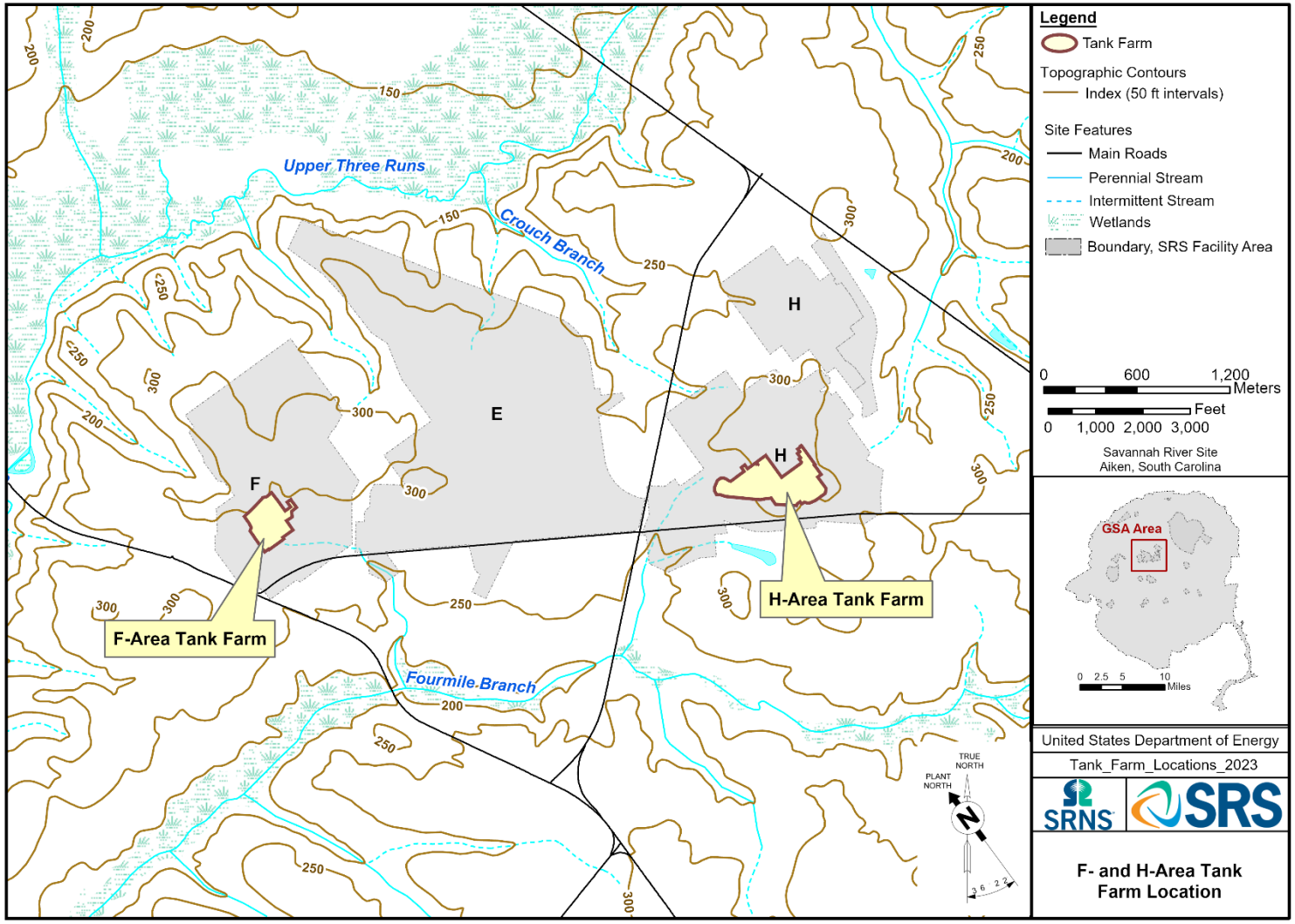

Figure 1. Locations of the F-Area and H-Area Tank Farms

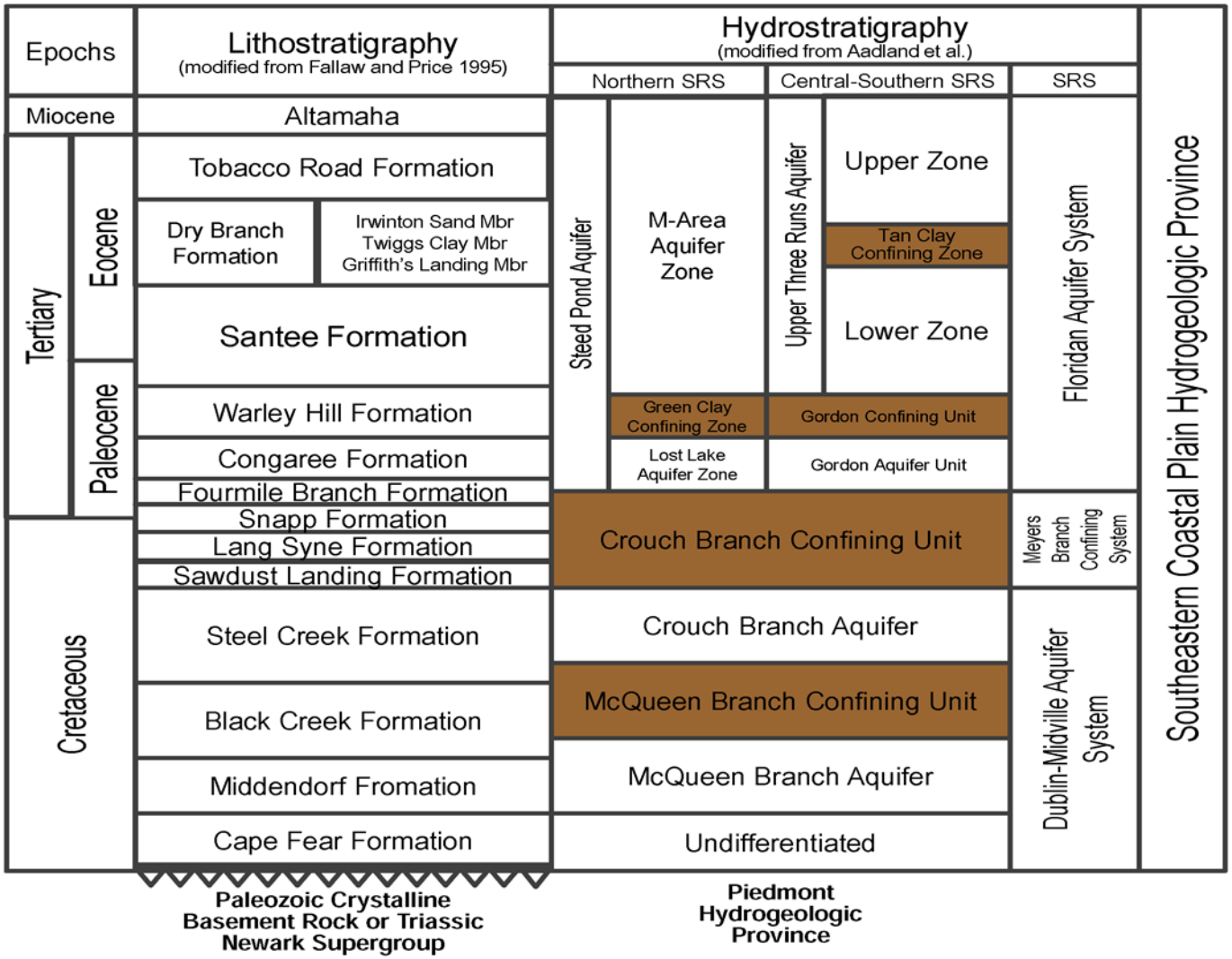

Figure 2. Lithostratigraphic and Hydrostratigraphic Units at the F-Area and H-Area Tank Farms

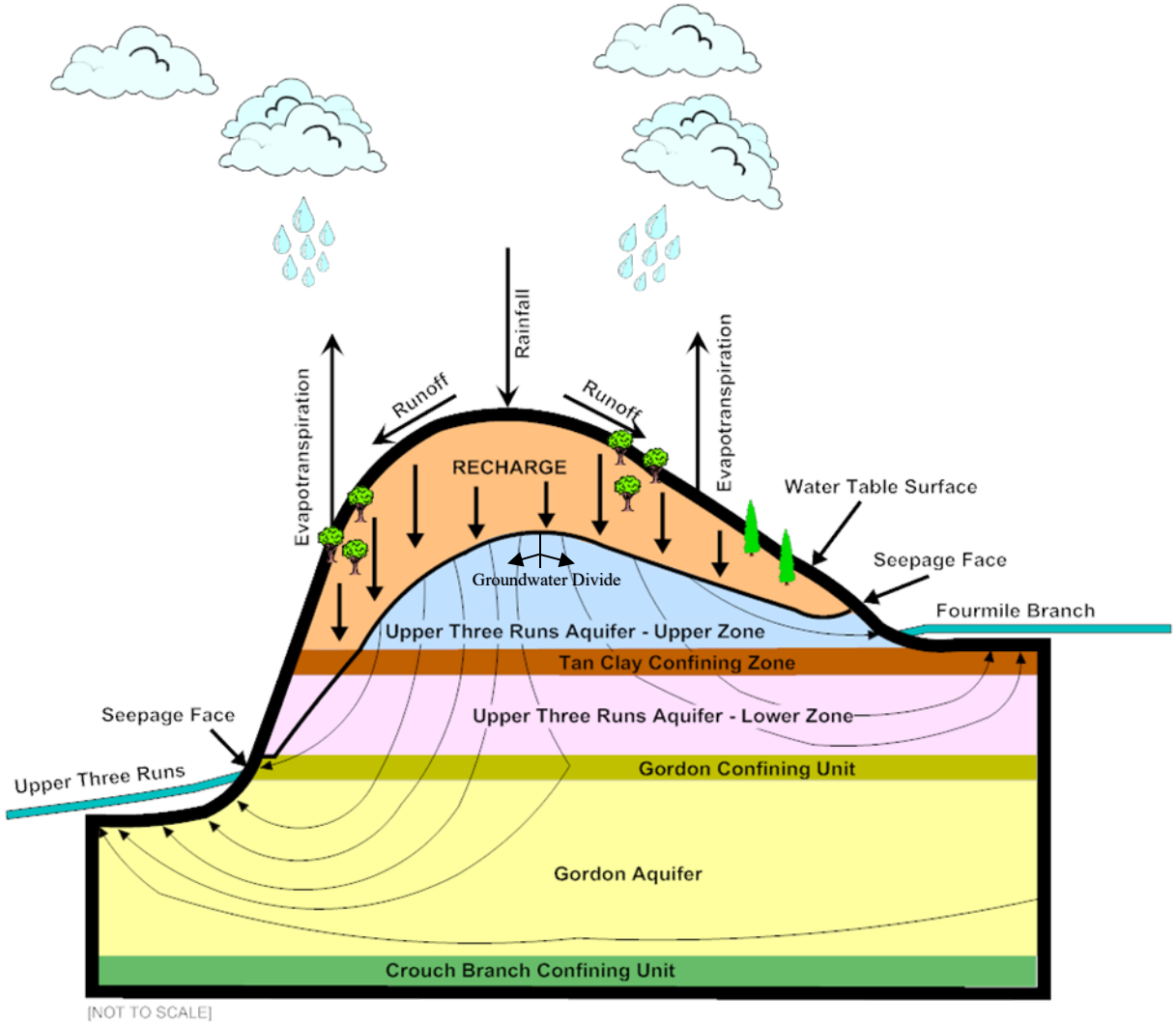

Figure 3. Surface and Groundwater Flow at the General Separations Area

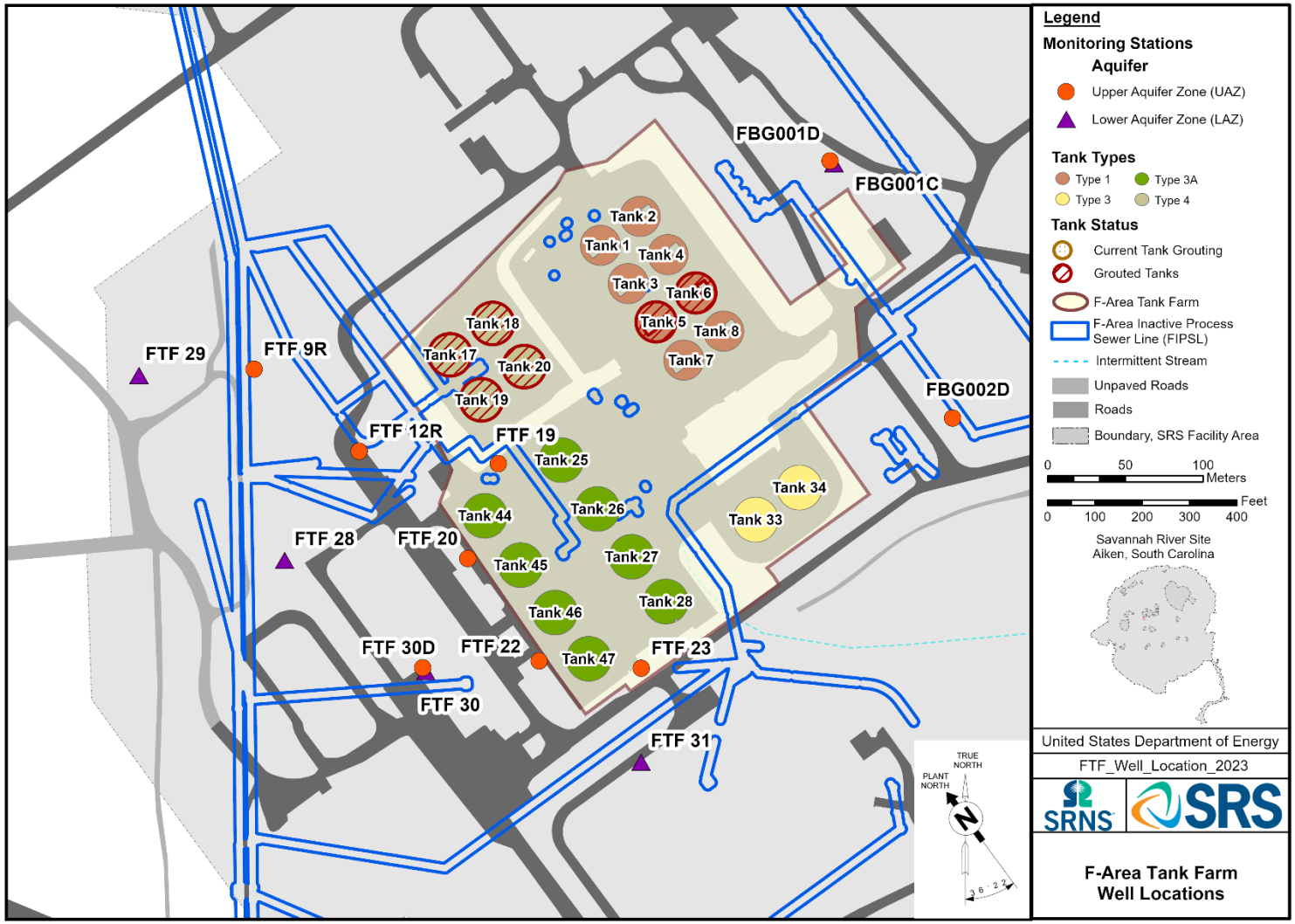

Figure 4. Location of Wells for the FTF Groundwater Monitoring Network

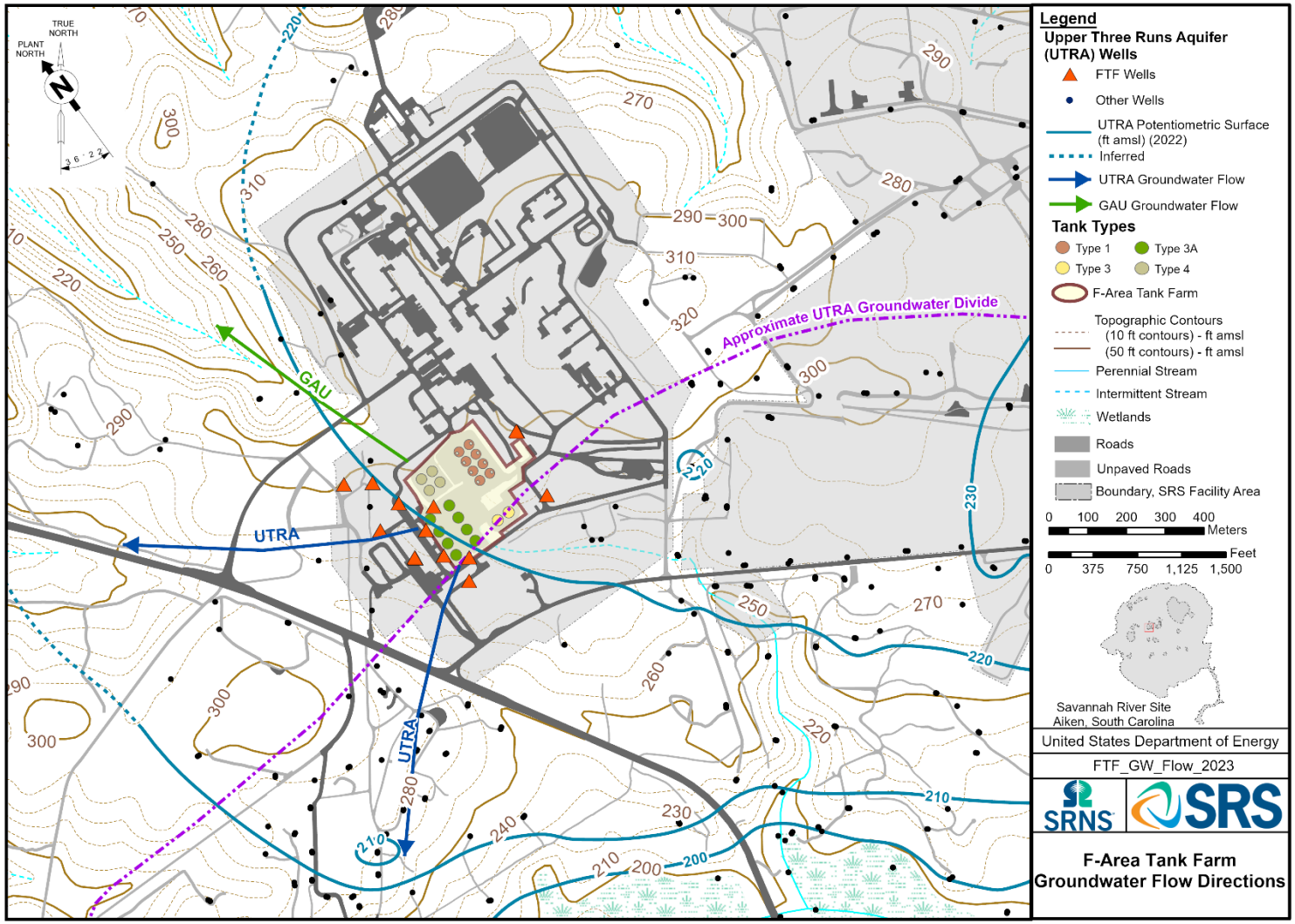

Figure 5. Potentiometric Surface and Groundwater Flow Directions at the FTF

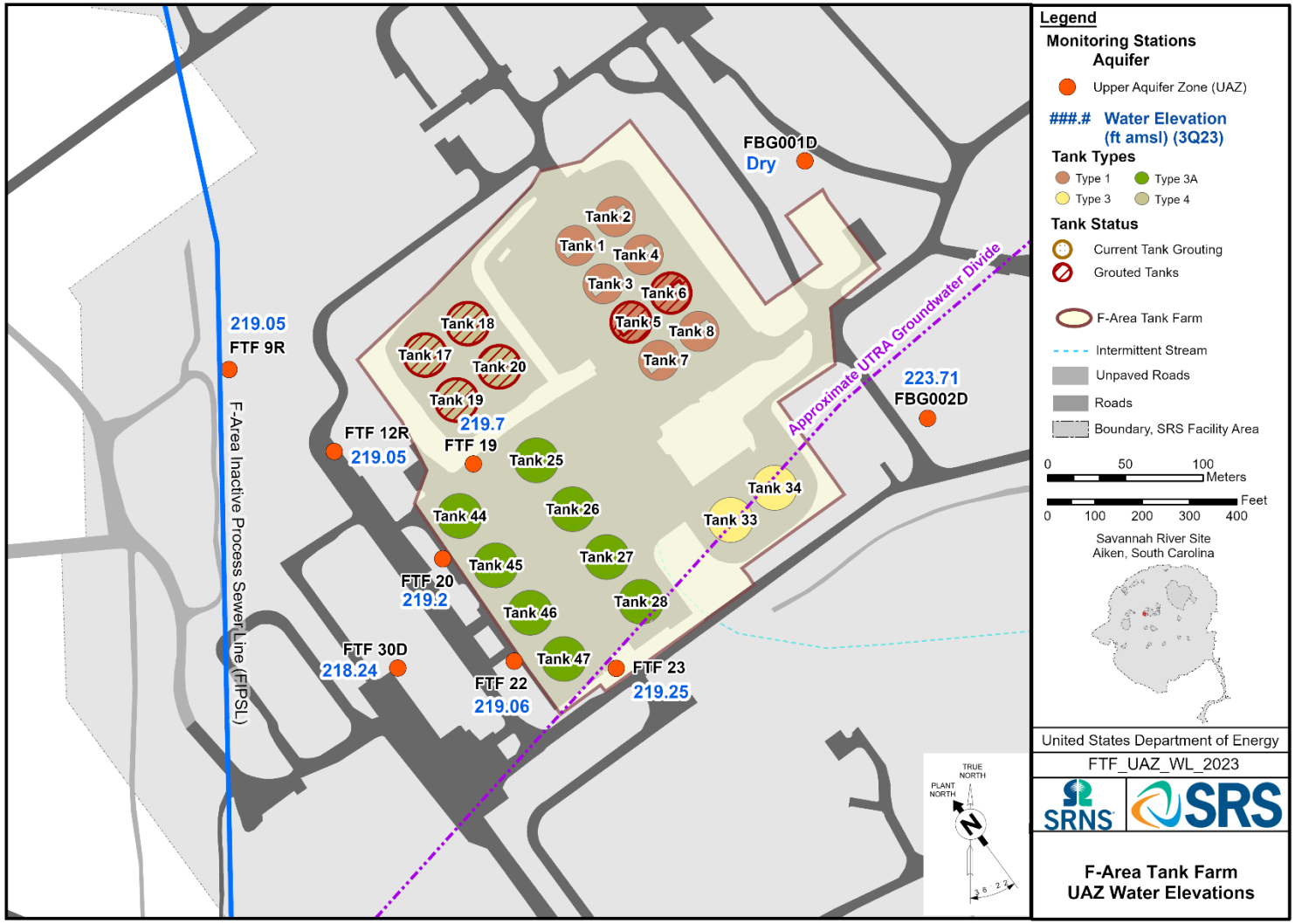

Figure 6. Water Elevation (ft amsl) for the UAZ of the UTRA during the Third Quarter of 2023

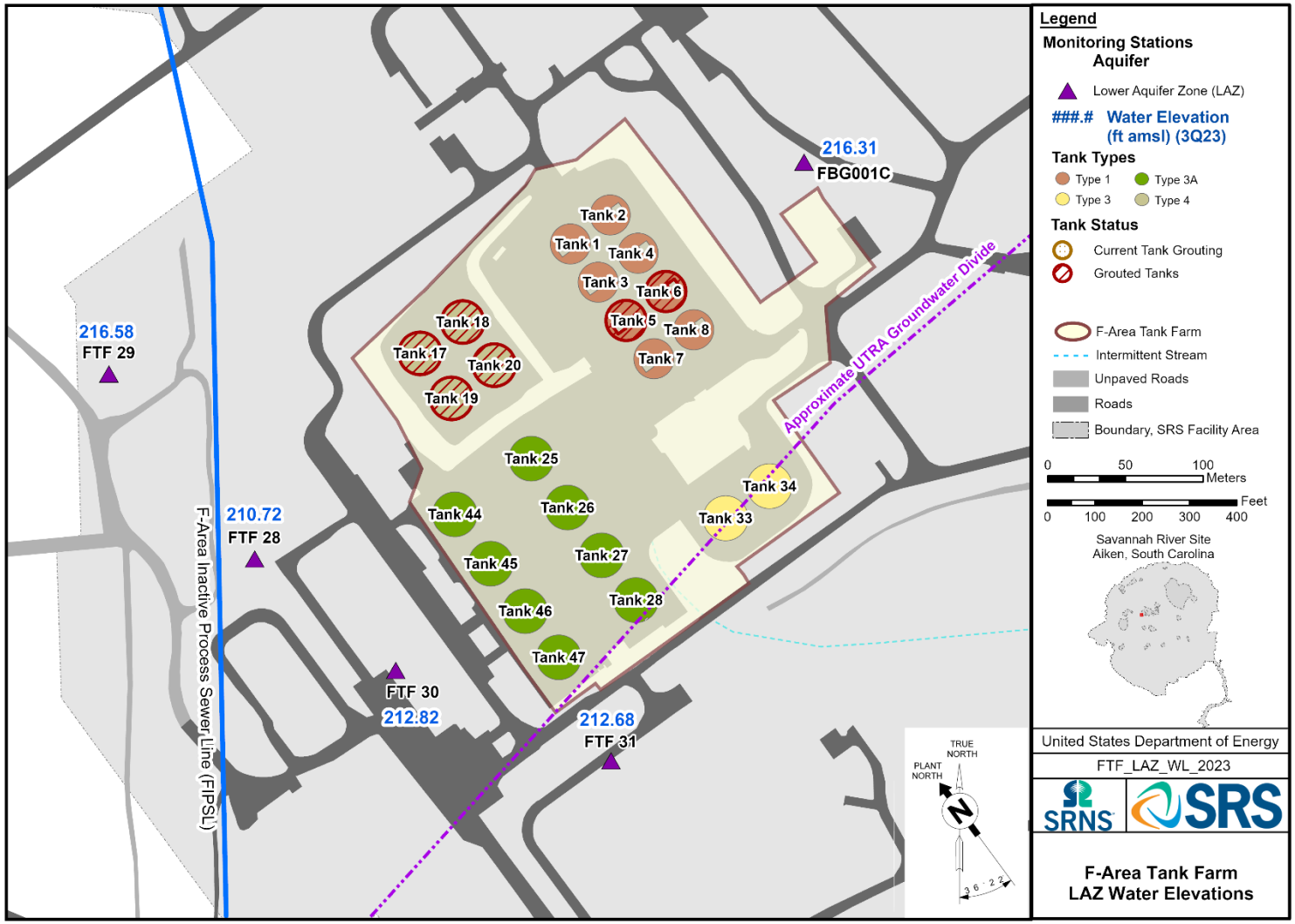

Figure 7. Water Elevation (ft amsl) for the LAZ of the UTRA during the Third Quarter of 2023

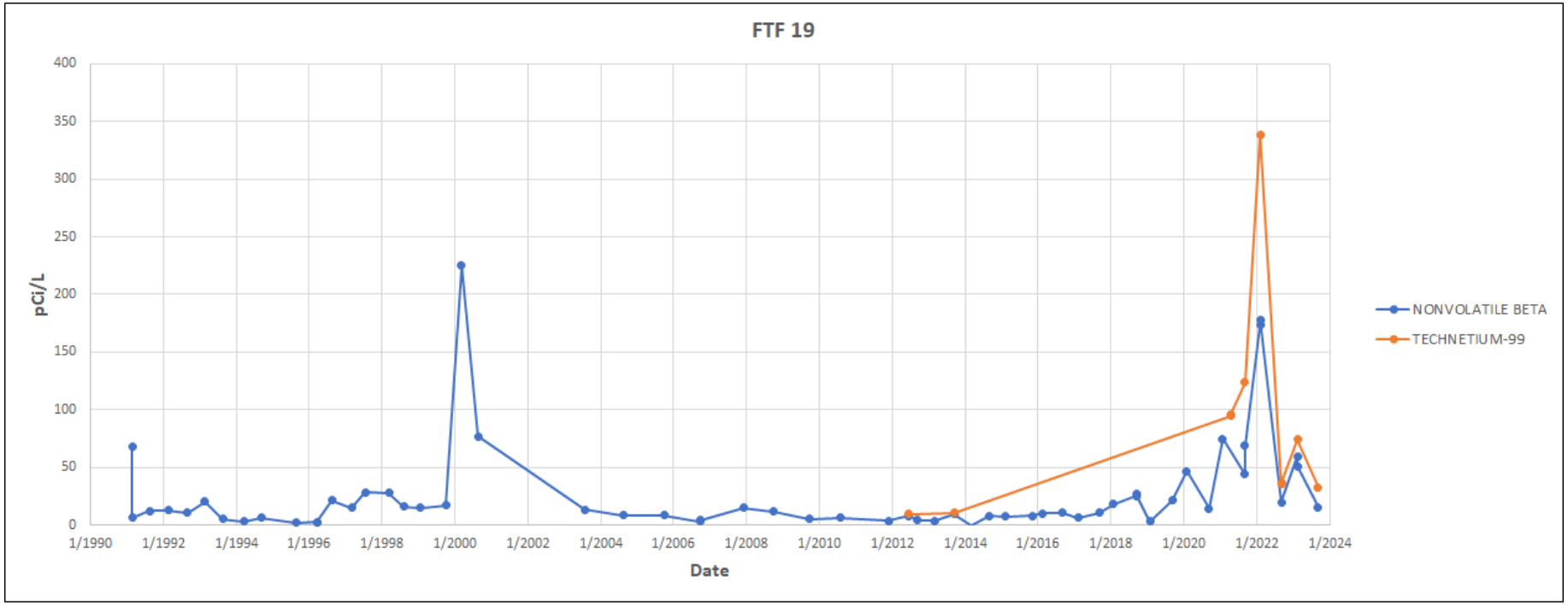

Figure 8. Nonvolatile Beta and Technetium-99 at FTF 19

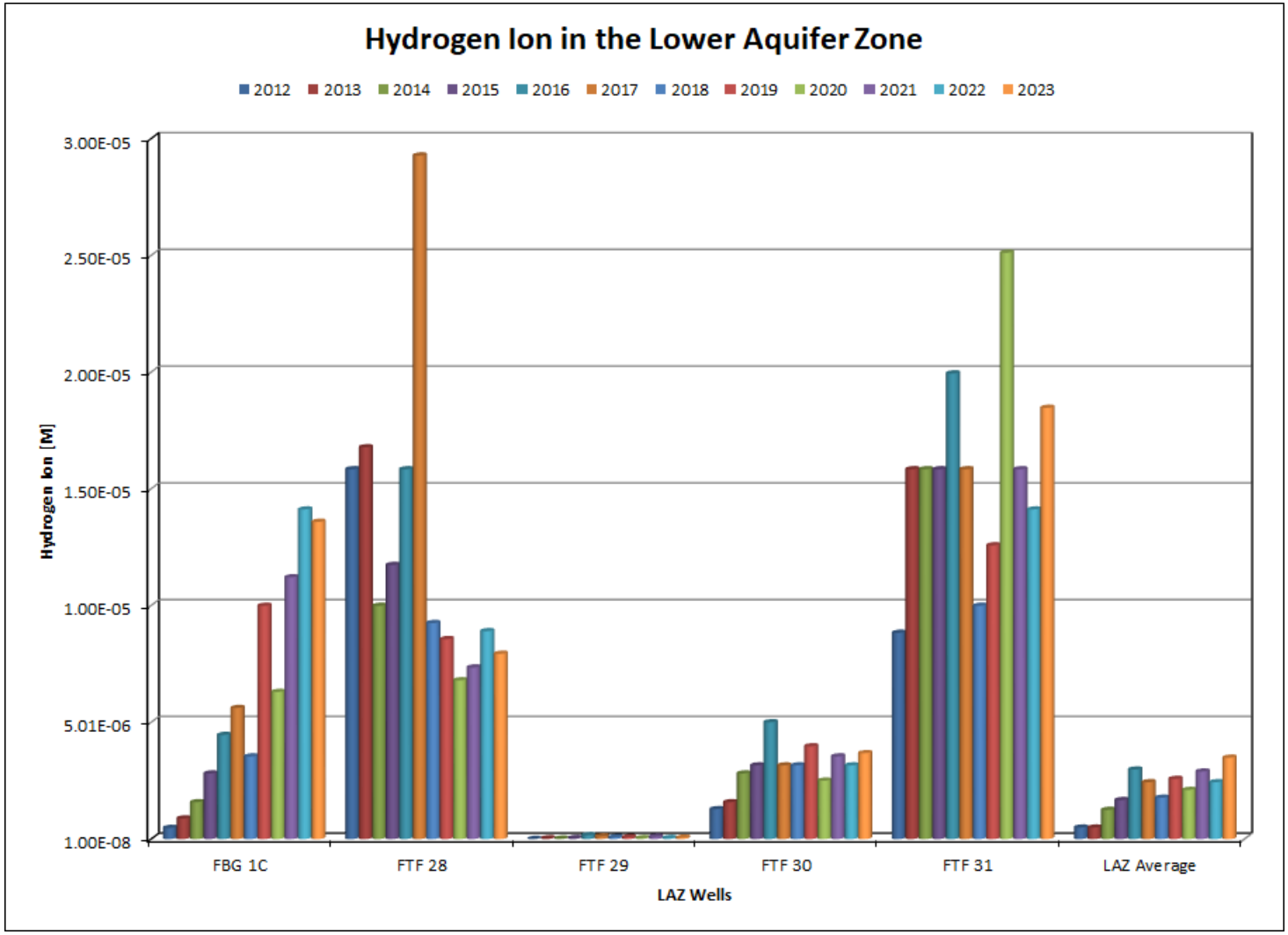

Figure 9. Hydrogen Ion in the LAZ at FTF

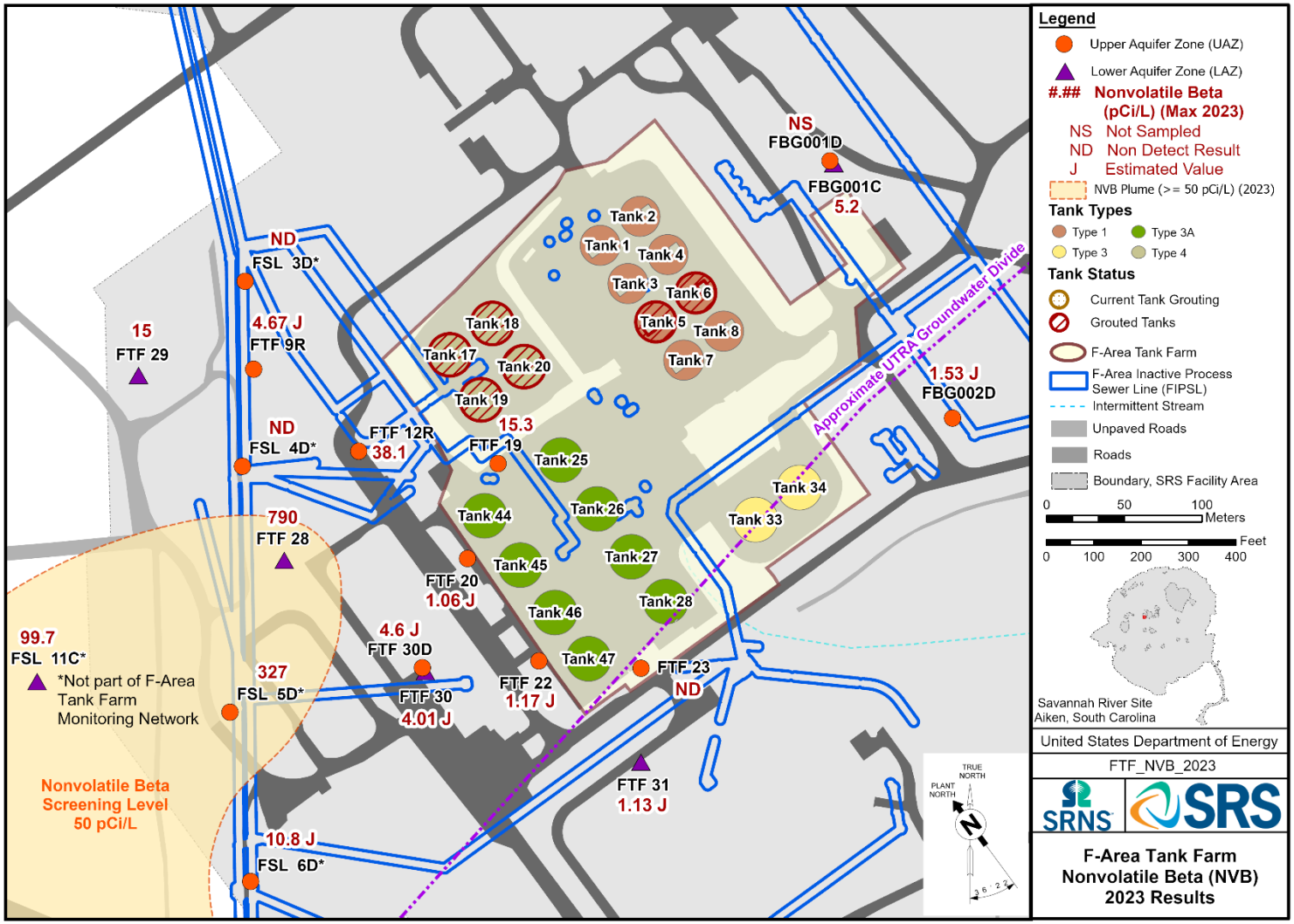

Figure 10. Nonvolatile Beta Results (pCi/L) for the FTF in 2023

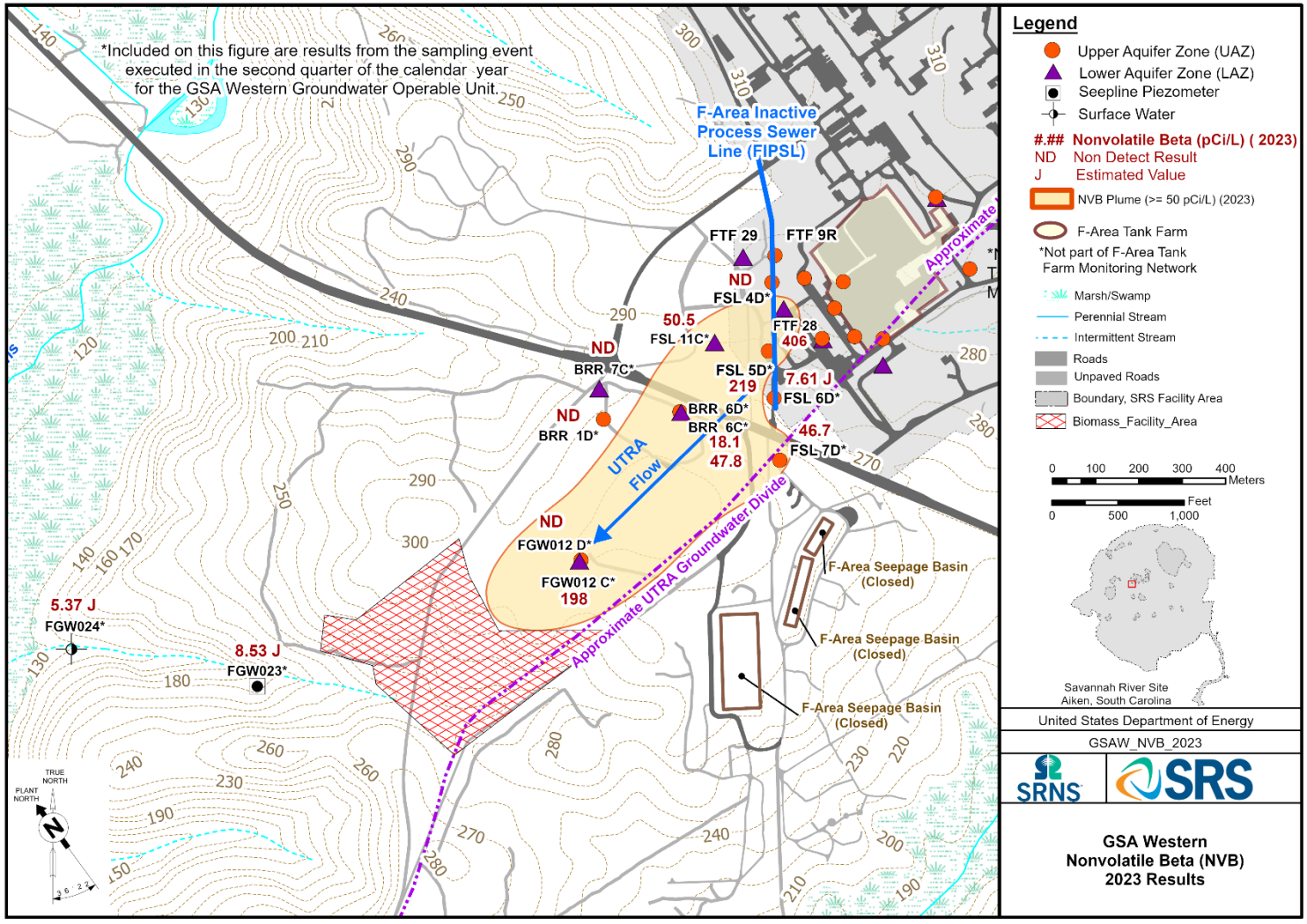

Figure 11. Nonvolatile Beta Results for General Separations Area Western Groundwater Operable Unit

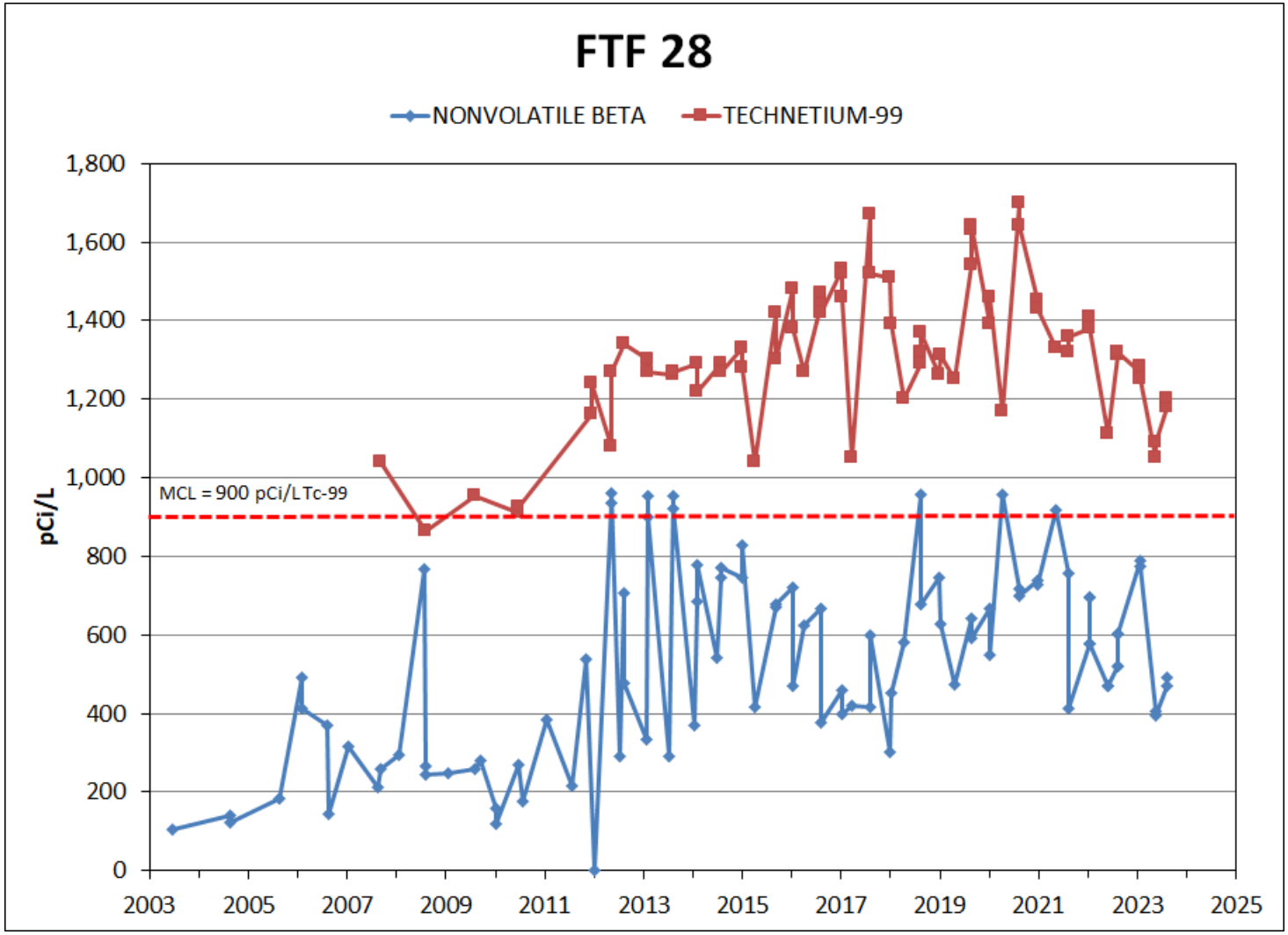

Figure 12. Nonvolatile Beta and Technetium-99 Concentrations for FTF 28

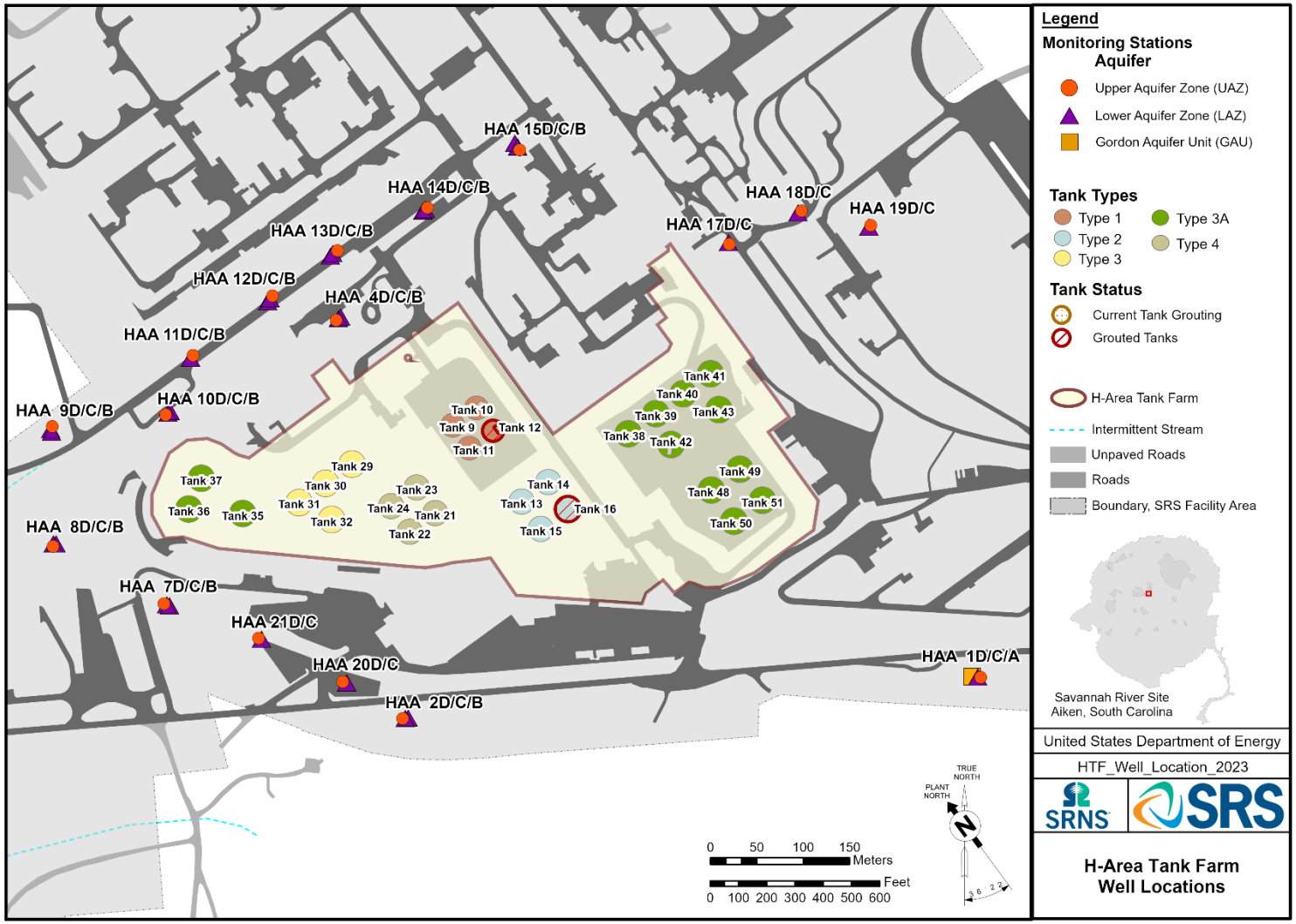

Figure 13. Location of Wells for the HTF Groundwater Monitoring Network

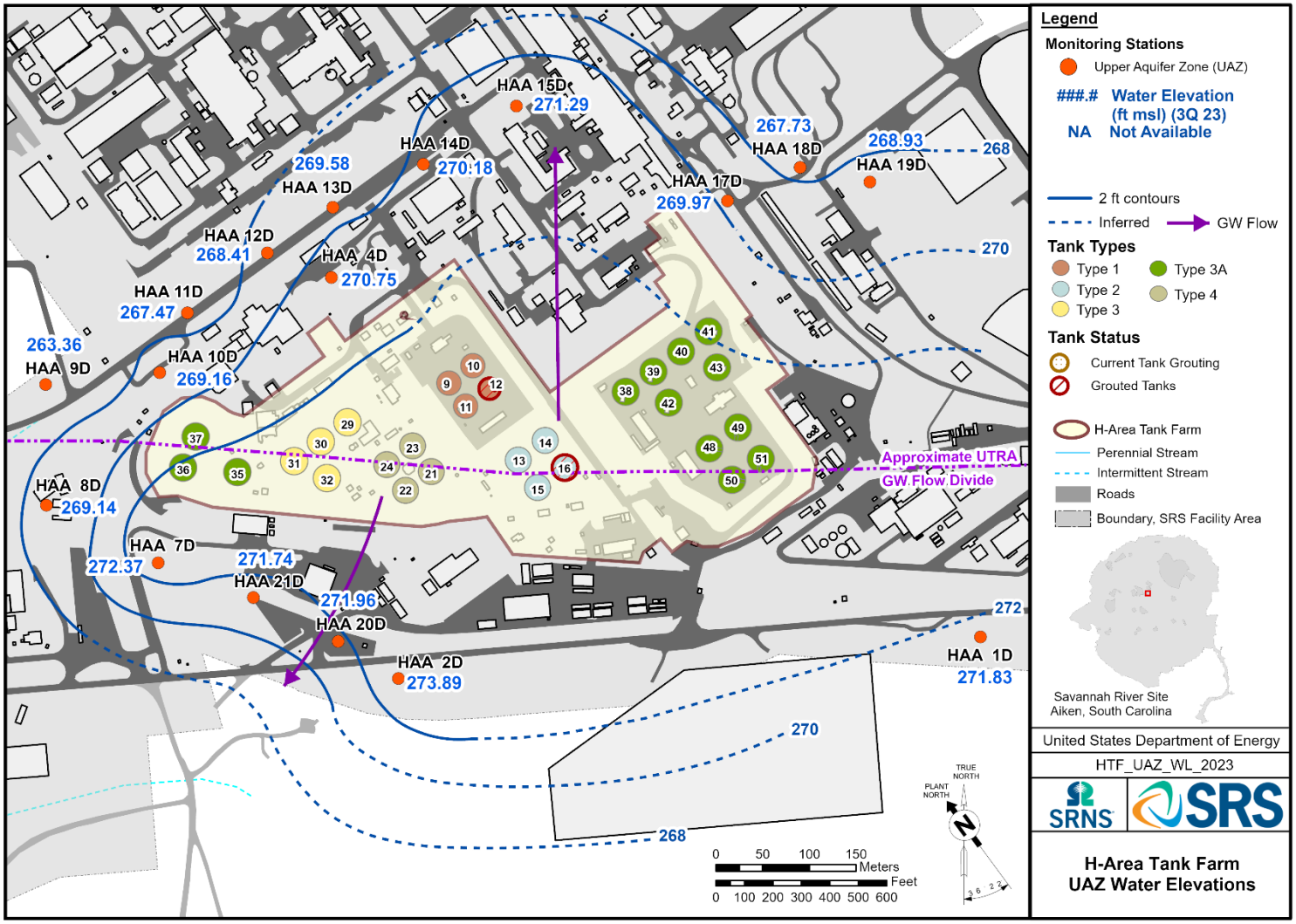

Figure 14. Water Elevation (ft above msl) for the UAZ of the UTRA during the Third Quarter of 2023

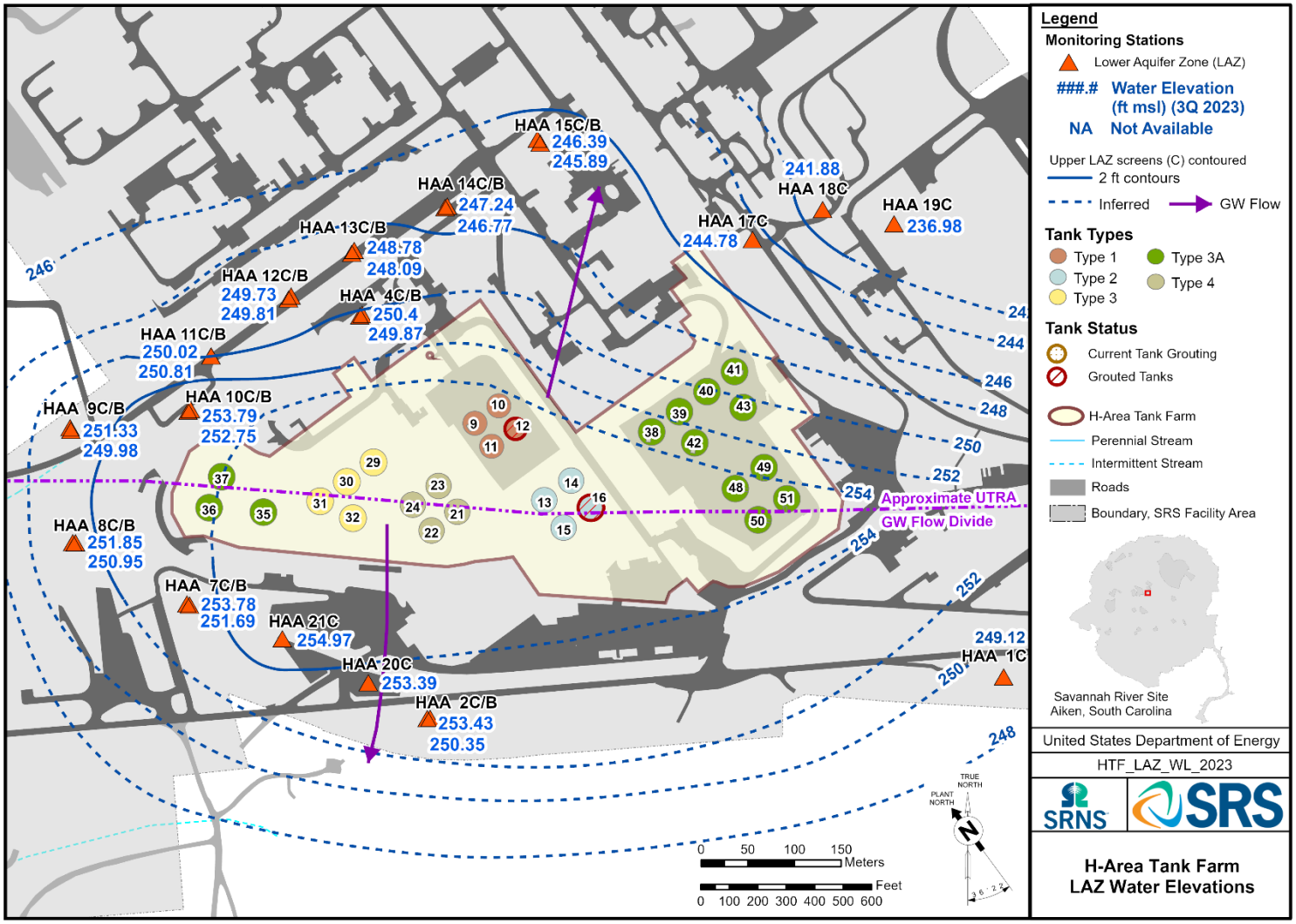

Figure 15. Water Elevation (ft above msl) for the LAZ of the UTRA during the Third Quarter of 2023

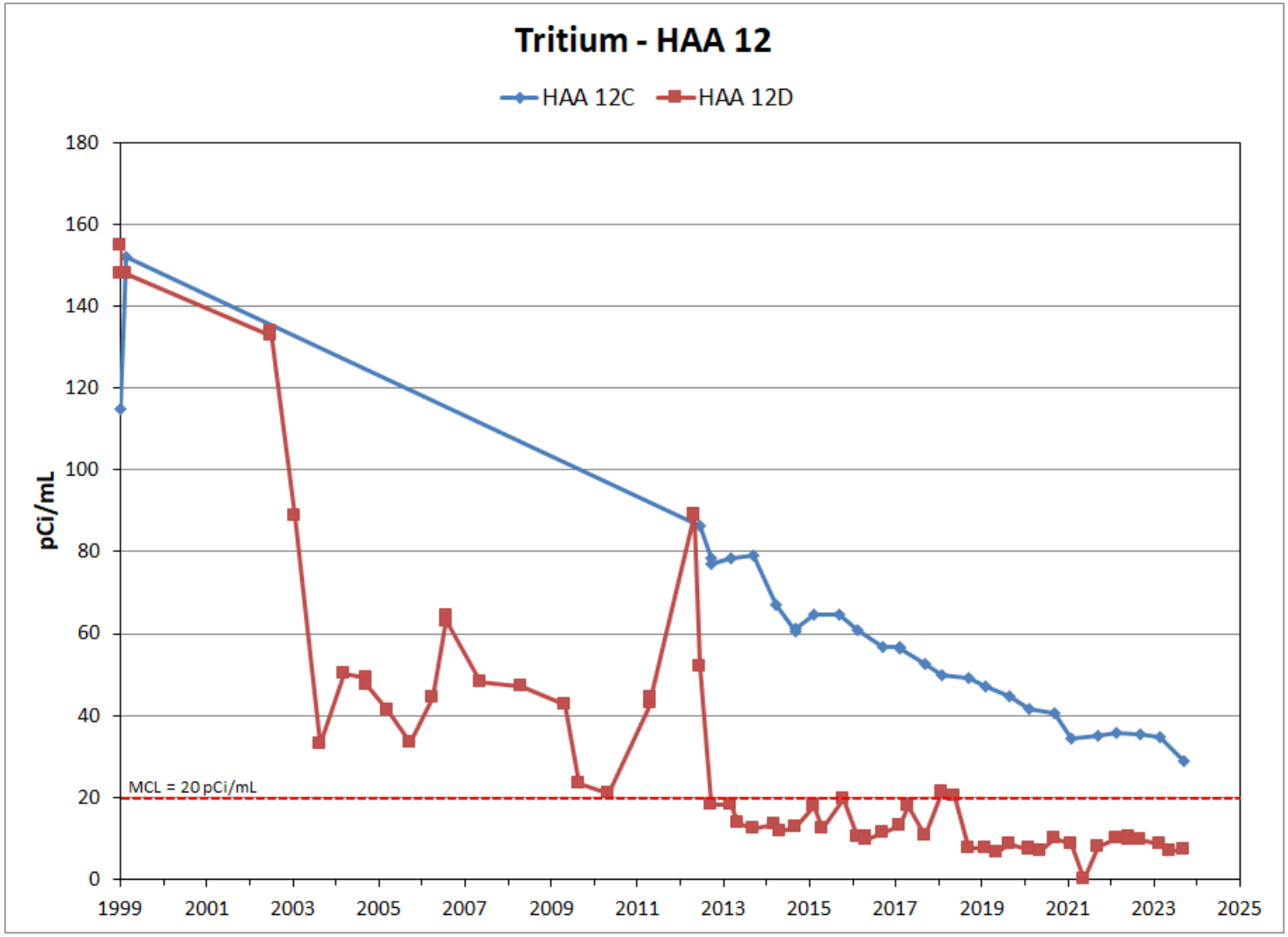

Figure 16. Tritium Results (pCi/mL) for HAA 12 Wells

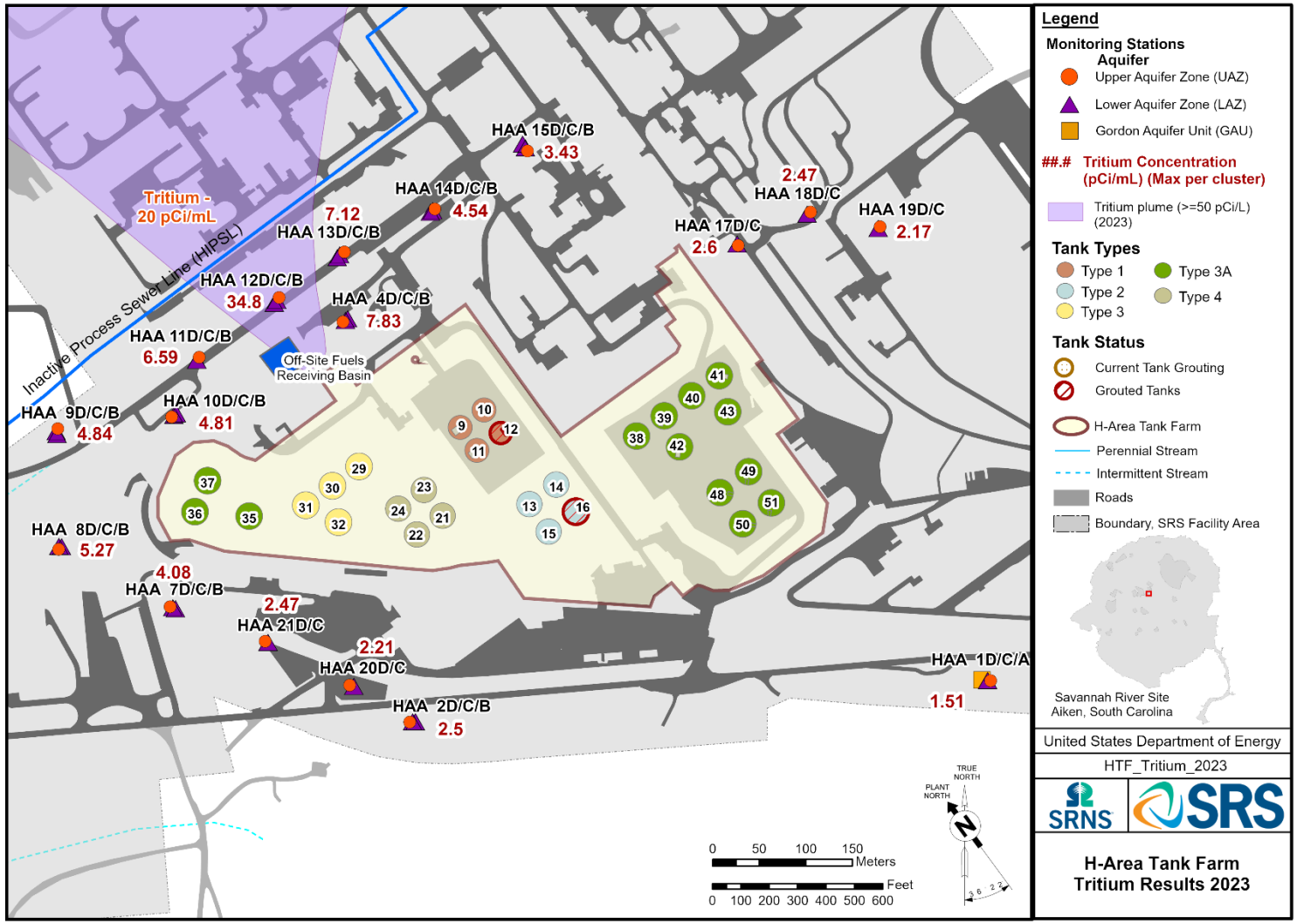

Figure 17. 2023 Tritium Results (pCi/mL) for the UTRA at the HTF

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

Facility	Well	Aquifer	Screen Depth *(Ft-bgs)*	Ground Elevation *(Ft-msl)*	UTM North	UTM East
FTF	FBG001C	LAZ	90 - 105	299.39	3682791.7	437085.5
FTF	FBG001D	UAZ	66 - 76	299.32	3682793.5	437083.0
FTF	FBG002D	UAZ	62 - 72	279.72	3682621.6	437159.9
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 *(Ft-bgs)*	Ground Elevation *(Ft-msl)*	UTM North	UTM East
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 2023 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	28	0	28	2.44 mg/L	5.5 mg/L	10 mg/L	0
Cadmium	28	21	0	0.33 µg/L	0.84 J µg/L	5 µg/L	0
Chromium	28	7	6	12.19 µg/L	40.8 µg/L	100 µg/L	0
Manganese	28	1	25	58.13 µg/L	386 µg/L	430 µg/L	0
Sodium	28	0	28	7,171 µg/L	27,100 µg/L	NA	NA
Gross Alpha	28	11	10	4.81 pCi/L	15 J pCi/L	15 pCi/L	0
Nonvolatile Beta	29	7	13	126.03 pCi/L	790 pCi/L	50 pCi/L	6[f]
Tritium	28	1	10	1.36 pCi/mL	3.19 pCi/mL	20 pCi/mL	0
Technetium-99	13	4	10	637 pCi/L	1,284 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 and unqualified; if no result > SQL then maximum result > MDL will be used
e. MCL = Maximum Contaminant Level or RSL = Regional Screening Level for drinking water
f. Nonvolatile Beta > MCL at two wells (FTF 28 and FTF 19), Technetium-99 > MCL at one well (FTF 28)

Table 2b. Summary of Historical Groundwater Monitoring Results for the F-Area Tank Farm (2003 - 2020)

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	331	0	331	0.076-8.41	2.79	10	mg/L	0
Cadmium	248	169	12	U-1.87	0.47	5	µg/L	0
Chromium	301	222	3	U-46.1	5.90	100	µg/L	0
Manganese	242	13	194	U-2,060	126.70	430	µg/L	16
Sodium	301	7	272	U-39,300	6,976	NA	µg/L	NA
Gross Alpha	353	178	35	U-30.5	4.84	15	pCi/L	6
Nonvolatile Beta	353	82	138	U-959	156.70	50	pCi/L	84
Tritium	340	9	302	U-105	3.55	20	pCi/mL	7
Technetium-99	116	56	71	U-1,700	735.80	900	pCi/L	50

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 2023 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	96	1	91	1.41 mg/L	6 mg/L	10 mg/L	0
Cadmium	96	88	0	0.27 µg/L	0.51 J µg/L	5 µg/L	0
Chromium	96	29	30	7.79 µg/L	14 µg/L	100 µg/L	0
Manganese	96	24	37	29.47 µg/L	244 µg/L	430 µg/L	1[f]
Sodium	96	0	95	3,546 µg/L	18,000 µg/L	NA	NA
Gross Alpha	96	86	2	3.21 pCi/L	6.47 pCi/L	15 pCi/L	0
Nonvolatile Beta	96	72	7	5.79 pCi/L	34.6 pCi/L	50 pCi/L	0
Tritium	96	30	57	3.76 pCi/mL	34.8 pCi/mL	20 pCi/mL	2[f]
Technetium-99	96	85	11	14.85 pCi/L	49.7 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 and unqualified; if no result > SQL then maximum result > MDL will be used
e. MCL = Maximum Contaminant Level or RSL = Regional Screening Level for drinking water
f. Manganese > RSL at one well (HAA 17C) however, result was "J" qualified, Tritium > MCL at one well (HAA 12C)

Table 3b. Summary of Historical Groundwater Monitoring Results for the H-Area Tank Farm (2003 – 2020)

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	1,029	21	913	U-34.8	1.09	10	mg/L	1
Cadmium	996	860	2	U-5.53	0.31	5	µg/L	1
Chromium	983	536	26	U-487	7.77	100	µg/L	3
Manganese	859	210	335	U-1,280	50.92	430	µg/L	36
Sodium	983	9	863	U-27,700	3,910	NA	µg/L	NA
Gross Alpha	1,112	863	46	U-29.1	3.33	15	pCi/L	8
Nonvolatile Beta	1,166	828	88	U-223	6.46	50	pCi/L	3
Tritium	1,162	306	648	U-89.2	7.75	20	pCi/mL	50
Technetium-99	901	833	28	U-88.2	12.50	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

ATTACHMENT A

2023 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 (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
FTF 28	2/21/2023	ACTINIUM-228	24[b]	23.1	pCi/L	U	U	55.7	134.7	
FTF 28	2/21/2023	ACTINIUM-228	24[b]	21.3	pCi/L	U	U	80.5	177.5	
FTF 28	9/14/2023	ACTINIUM-228	24[b]	6.14	pCi/L	U	U	28.0	58.2	
FTF 28	9/14/2023	ACTINIUM-228	24[b]	-2.62	pCi/L	U	U	32.4	73.8	
FTF 28	2/21/2023	AMERICIUM-241	15	-8.35	pCi/L	U	U	50.5	110.5	
FTF 28	9/14/2023	BISMUTH-214	NA	2.9	pCi/L	U	U	10.2	31.2	
FTF 28	2/21/2023	BISMUTH-214	NA	-4.46	pCi/L	U	U	105	131.6	
FTF 28	2/21/2023	BISMUTH-214	NA	-38.8	pCi/L	U	U	130	192	
FBG002D	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	11
FTF 19	9/14/2023	CADMIUM	5	1	ug/L	U	U	0.3	1.00	
FTF 19	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF 20	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
FTF 20	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF 22	9/14/2023	CADMIUM	5	1	ug/L	U	U	0.3	1.00	
FTF 22	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF 23	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
FTF 23	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF 28	9/14/2023	CADMIUM	5	1	ug/L	U	U	0.3	1.00	
FTF 28	9/14/2023	CADMIUM	5	1	ug/L	U	U	0.3	1.00	
FTF 28	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	11
FTF 28	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	9
FTF 29	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
FTF 29	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF012R	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
FTF012R	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF030	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF030D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF031	9/14/2023	CADMIUM	5	1	ug/L	U	U	0.3	1.00	
FTF031	2/27/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
FTF030D	9/14/2023	CADMIUM	5	0.84	ug/L	J	J	1.00E-1	1.00E0	21
FTF030	9/14/2023	CADMIUM	5	0.319	ug/L	J	J	1.00E-1	1.00E0	21
FBG001C	9/14/2023	CADMIUM	5	0.301	ug/L	J	J	1.00E-1	1.00E0	21
FTF009R	2/21/2023	CADMIUM	5	0.26	ug/L	J	J	0.19	1.0	21
FTF009R	9/14/2023	CADMIUM	5	0.253	ug/L	J	J	1.00E-1	1.00E0	21
FBG001C	2/27/2023	CADMIUM	5	0.23	ug/L	J	J	0.19	1.0	21
FBG002D	9/14/2023	CADMIUM	5	0.105	ug/L	J	J	1.00E-1	1.00E0	21|18
FTF 28	9/14/2023	CARBON-14	2000	13.2	pCi/L	UJ	UJ	81.3	176	Q
FTF 28	9/14/2023	CARBON-14	2000	4.93	pCi/L	UJ	UJ	81.3	175	Q
FTF 28	2/21/2023	CARBON-14	2000	3.4	pCi/L	U	U	17.5	20.0	
FTF 28	2/21/2023	CARBON-14	2000	1.92	pCi/L	U	U	17.6	20.0	
FTF 28	2/21/2023	CESIUM-137	200	5.99	pCi/L	U	U	19.5	20.0	
FTF 28	9/14/2023	CESIUM-137	200	3.41	pCi/L	U	U	7.44	14.7	
FTF 28	9/14/2023	CESIUM-137	200	0.332	pCi/L	U	U	6.28	13.6	
FTF 28	2/21/2023	CESIUM-137	200	-11.8	pCi/L	U	U	30.2	20.0	
FTF 20	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
FTF 29	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
FTF009R	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
FTF012R	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
FTF030D	9/14/2023	CHROMIUM	100	91.9	ug/L	J	J	1.00E1	1.00E2	21
FTF031	9/14/2023	CHROMIUM	100	40.8	ug/L			3	10.0	
FBG001C	9/14/2023	CHROMIUM	100	38.3	ug/L	J	J	1.00E1	1.00E2	21
FTF030	9/14/2023	CHROMIUM	100	12.9	ug/L	J	J	1.00E1	1.00E2	21
FBG002D	9/14/2023	CHROMIUM	100	11.1	ug/L	J	J	1.00E1	1.00E2	21
FTF 23	9/14/2023	CHROMIUM	100	11	ug/L	J	J	1.00E1	1.00E2	18|21
FTF030D	2/22/2023	CHROMIUM	100	11	ug/L			0.50	3.0	
FTF 19	9/14/2023	CHROMIUM	100	10	ug/L	U	U	3	10.0	
FTF 28	9/14/2023	CHROMIUM	100	10	ug/L	U	U	3	10.0	
FTF 28	9/14/2023	CHROMIUM	100	10	ug/L	U	U	3	10.0	
FBG001C	2/27/2023	CHROMIUM	100	7.9	ug/L			0.50	3.0	
FTF031	2/27/2023	CHROMIUM	100	5.7	ug/L			0.50	3.0	
FTF012R	2/21/2023	CHROMIUM	100	4.3	ug/L			0.50	3.0	
FTF 22	9/14/2023	CHROMIUM	100	3.58	ug/L	J	J	3	10.0	21
FTF030	2/22/2023	CHROMIUM	100	3	ug/L			0.50	3.0	
FTF 22	2/22/2023	CHROMIUM	100	2.9	ug/L	J	J	0.50	3.0	21
FTF 28	2/21/2023	CHROMIUM	100	2.3	ug/L	J	J	0.50	3.0	21|11
FTF 29	2/21/2023	CHROMIUM	100	2.2	ug/L	J	J	0.50	3.0	21
FTF 28	2/21/2023	CHROMIUM	100	1.7	ug/L	J	J	0.50	3.0	21|9
FTF 20	2/22/2023	CHROMIUM	100	1.3	ug/L	J	J	0.50	3.0	21
FBG002D	2/21/2023	CHROMIUM	100	1.2	ug/L	J	J	0.50	3.0	21|11
FTF 19	2/21/2023	CHROMIUM	100	1.1	ug/L	J	J	0.50	3.0	21
FTF 23	2/22/2023	CHROMIUM	100	1	ug/L	J	J	0.50	3.0	21
FTF009R	2/21/2023	CHROMIUM	100	0.89	ug/L	J	J	0.50	3.0	21
FTF 28	9/14/2023	COBALT-60	100	1.17	pCi/L	U	U	6.61	12.5	
FTF 28	9/14/2023	COBALT-60	100	0.284	pCi/L	U	U	6.21	12.4	
FTF 28	2/21/2023	COBALT-60	100	-0.477	pCi/L	U	U	19.3	49.5	
FTF 28	2/21/2023	COBALT-60	100	-5.25	pCi/L	U	U	25.7	69.5	
FTF 28	2/21/2023	GROSS ALPHA	15	15	pCi/L		J	1.20	3.00	9
FTF012R	2/21/2023	GROSS ALPHA	15	8.92	pCi/L			1.36	3.00	
FTF 20	9/14/2023	GROSS ALPHA	15	7.42	pCi/L	J	J	2.39E0	9.53E0	21
FTF 28	9/14/2023	GROSS ALPHA	15	6.42	pCi/L		J	0.920	4.60	9
FTF 20	2/22/2023	GROSS ALPHA	15	6.06	pCi/L			1.55	3.00	
FBG001C	9/14/2023	GROSS ALPHA	15	5.97	pCi/L	J	J	2.30E0	8.62E0	21
FTF030D	2/22/2023	GROSS ALPHA	15	5.1	pCi/L			1.23	3.00	

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
FTF 23	2/22/2023	GROSS ALPHA	15	4.88	pCi/L			1.05	3.00	
FTF 23	9/14/2023	GROSS ALPHA	15	4.65	pCi/L	J	J	2.29E0	7.85E0	21
FTF 22	2/22/2023	GROSS ALPHA	15	3.29	pCi/L			1.50	3.00	
FTF 28	2/21/2023	GROSS ALPHA	15	3.25	pCi/L		J	1.23	3.00	9
FTF 19	9/14/2023	GROSS ALPHA	15	2.97	pCi/L			0.711	2.24	
FTF009R	9/14/2023	GROSS ALPHA	15	2.74	pCi/L	J	J	2.24E0	6.58E0	21
FBG001C	2/27/2023	GROSS ALPHA	15	2.52	pCi/L	J	J	1.09	3.00	21
FBG002D	9/14/2023	GROSS ALPHA	15	2.37	pCi/L	J	J	2.24E0	6.32E0	21
FTF030D	9/14/2023	GROSS ALPHA	15	1.99	pCi/L	U	U	2.33E0	6.17E0	
FTF012R	9/14/2023	GROSS ALPHA	15	1.62	pCi/L	U	U	2.49E0	6.15E0	
FTF 29	2/21/2023	GROSS ALPHA	15	1.6	pCi/L	U	U	1.68	3.00	
FTF 19	2/21/2023	GROSS ALPHA	15	1.33	pCi/L	U	U	1.34	3.00	
FTF031	2/27/2023	GROSS ALPHA	15	1.3	pCi/L	J	J	1.10	3.00	21
FTF 22	9/14/2023	GROSS ALPHA	15	1.22	pCi/L	J	J	0.681	1.80	21
FBG002D	2/21/2023	GROSS ALPHA	15	0.588	pCi/L	U	U	0.926	3.00	
FTF009R	2/21/2023	GROSS ALPHA	15	0.505	pCi/L	U	U	0.877	3.00	
FTF 29	9/14/2023	GROSS ALPHA	15	0.489	pCi/L	U	U	2.64E0	5.20E0	
FTF031	9/14/2023	GROSS ALPHA	15	0.218	pCi/L	U	U	0.789	1.68	
FTF030	9/14/2023	GROSS ALPHA	15	0.0487	pCi/L	U	U	2.31E0	3.95E0	
FTF030	2/22/2023	GROSS ALPHA	15	-0.172	pCi/L	U	U	1.32	3.00	
FTF 28	9/14/2023	GROSS ALPHA	15	-0.431	pCi/L	U	U	0.591	1.64	9
FTF012R	9/14/2023	IODINE-129	1	0.815	pCi/L	U	U	1.10	2.20	
FTF 28	9/14/2023	IODINE-129	1	0.461	pCi/L	U	U	0.805	1.65	
FTF 22	9/14/2023	IODINE-129	1	0.404	pCi/L	U	U	0.815	1.49	
FTF012R	3/13/2023	IODINE-129	1	0.389	pCi/L	U	UJ	1.05	1.00	Q
FTF 19	3/13/2023	IODINE-129	1	0.299	pCi/L	U	UJ	0.575	1.00	Q
FTF 28	2/21/2023	IODINE-129	1	0.278	pCi/L	U	U	1.34	1.00	
FTF 29	9/14/2023	IODINE-129	1	0.183	pCi/L	U	U	0.260	0.696	
FBG001C	9/14/2023	IODINE-129	1	0.149	pCi/L	U	U	0.697	1.22	
FTF030	9/14/2023	IODINE-129	1	0.0894	pCi/L	U	U	0.397	0.725	
FTF031	3/14/2023	IODINE-129	1	0.0739	pCi/L	U	UJ	0.999	1.00	Q
FBG002D	3/13/2023	IODINE-129	1	0.0571	pCi/L	U	UJ	0.579	1.00	Q
FTF 19	9/14/2023	IODINE-129	1	0.0495	pCi/L	U	U	0.788	1.73	
FTF 22	3/13/2023	IODINE-129	1	0.0119	pCi/L	U	UJ	0.544	1.00	Q
FTF 28	2/21/2023	IODINE-129	1	0.00957	pCi/L	U	U	0.649	1.00	
FTF 20	3/13/2023	IODINE-129	1	0.00241	pCi/L	U	UJ	0.529	1.00	Q
FTF 20	9/14/2023	IODINE-129	1	0	pCi/L	U	U	0.304	0.570	
FTF 23	3/14/2023	IODINE-129	1	-0.0285	pCi/L	U	U	0.541	1.00	
FTF 29	3/13/2023	IODINE-129	1	-0.0543	pCi/L	U	UJ	0.560	1.00	Q
FTF 28	3/13/2023	IODINE-129	1	-0.0549	pCi/L	U	UJ	0.585	1.00	Q
FTF 23	9/14/2023	IODINE-129	1	-0.0727	pCi/L	U	U	0.815	1.69	
FTF030D	9/14/2023	IODINE-129	1	-0.0733	pCi/L	U	U	0.616	1.25	
FTF 28	9/14/2023	IODINE-129	1	-0.0941	pCi/L	U	U	0.684	1.43	
FBG002D	9/14/2023	IODINE-129	1	-0.156	pCi/L	U	U	0.531	1.14	
FTF030	3/14/2023	IODINE-129	1	-0.184	pCi/L	U	U	0.541	1.00	
FTF009R	3/13/2023	IODINE-129	1	-0.186	pCi/L	U	UJ	0.611	1.00	Q
FTF030D	3/14/2023	IODINE-129	1	-0.268	pCi/L	U	U	1.06	1.00	
FTF031	9/14/2023	IODINE-129	1	-0.34	pCi/L	U	U	0.556	1.28	
FBG001C	3/13/2023	IODINE-129	1	-0.493	pCi/L	U	UJ	1.01	1.00	Q
FTF009R	9/14/2023	IODINE-129	1	-0.648	pCi/L	U	U	0.854	2.00	
FTF 28	9/14/2023	LEAD-212	1.8[b]	7.78	pCi/L	U	U	13.7	39.3	
FTF 28	9/14/2023	LEAD-212	1.8[b]	2.1	pCi/L	U	U	10.1	27.5	
FTF 28	2/21/2023	LEAD-212	1.8[b]	-6.85	pCi/L	U	U	50.1	103.3	
FTF 28	2/21/2023	LEAD-212	1.8[b]	-14.7	pCi/L	U	U	40.0	73.6	
FTF 28	2/21/2023	LEAD-214	130[b]	10.3	pCi/L	U	U	38.3	92.7	
FTF 28	9/14/2023	LEAD-214	130[b]	10.1	pCi/L	U	U	16.7	42.7	
FTF 28	9/14/2023	LEAD-214	130[b]	6.99	pCi/L	U	U	15.1	43.9	
FTF 28	2/21/2023	LEAD-214	130[b]	6.23	pCi/L	U	U	39.5	96.3	
FTF030D	9/14/2023	MANGANESE	430[a]	386	ug/L			1.00E0	1.00E1	
FBG002D	2/21/2023	MANGANESE	430[a]	220	ug/L			0.51	3.0	
FBG002D	9/14/2023	MANGANESE	430[a]	161	ug/L			1.00E0	1.00E1	
FTF009R	9/14/2023	MANGANESE	430[a]	144	ug/L			1.00E0	1.00E1	
FTF009R	2/21/2023	MANGANESE	430[a]	120	ug/L			0.51	3.0	
FBG001C	9/14/2023	MANGANESE	430[a]	95.9	ug/L			1.00E0	1.00E1	
FBG001C	2/27/2023	MANGANESE	430[a]	89	ug/L			0.51	3.0	
FTF030D	2/22/2023	MANGANESE	430[a]	68	ug/L			0.51	3.0	
FTF 20	9/14/2023	MANGANESE	430[a]	43.7	ug/L			1.00E0	1.00E1	
FTF 20	2/22/2023	MANGANESE	430[a]	40	ug/L			0.51	3.0	
FTF030	9/14/2023	MANGANESE	430[a]	24.6	ug/L			1.00E0	1.00E1	
FTF030	2/22/2023	MANGANESE	430[a]	19	ug/L			0.51	3.0	
FTF031	2/27/2023	MANGANESE	430[a]	18	ug/L			0.51	3.0	
FTF012R	9/14/2023	MANGANESE	430[a]	14.6	ug/L			1.00E0	1.00E1	
FTF012R	2/21/2023	MANGANESE	430[a]	14	ug/L			0.51	3.0	
FTF031	9/14/2023	MANGANESE	430[a]	12.5	ug/L			1	5.00	
FTF 23	2/22/2023	MANGANESE	430[a]	12	ug/L			0.51	3.0	
FTF 28	2/21/2023	MANGANESE	430[a]	12	ug/L		J	0.51	3.0	11
FTF 23	9/14/2023	MANGANESE	430[a]	11.7	ug/L			1.00E0	1.00E1	
FTF 28	9/14/2023	MANGANESE	430[a]	11.5	ug/L			1	5.00	
FTF 28	9/14/2023	MANGANESE	430[a]	11.5	ug/L			1	5.00	
FTF 28	2/21/2023	MANGANESE	430[a]	11	ug/L		J	0.51	3.0	9
FTF 19	9/14/2023	MANGANESE	430[a]	10.1	ug/L			1	5.00	
FTF 22	9/14/2023	MANGANESE	430[a]	7.06	ug/L			1	5.00	
FTF 22	2/22/2023	MANGANESE	430[a]	6.1	ug/L			0.51	3.0	

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a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
FTF 19	2/21/2023	MANGANESE	430[a]	5.1	ug/L			0.51	3.0	
FTF 29	2/21/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
FTF 29	9/14/2023	MANGANESE	430[a]	1.1	ug/L	J	J	1.00E0	1.00E1	21
FTF 28	9/14/2023	NICKEL-59	300	8.03	pCi/L	UJ	UJ	35.7	66.3	V
FTF 28	2/21/2023	NICKEL-59	300	0	pCi/L	U	U	2.06	5.00	
FTF 28	2/21/2023	NICKEL-59	300	0	pCi/L	U	U	2.22	5.00	
FTF 28	9/14/2023	NICKEL-59	300	-27.2	pCi/L	UJ	UJ	71.6	154	V
FTF 28	9/14/2023	NICKEL-63	50	142	pCi/L	U	U	224	492	
FTF 28	9/14/2023	NICKEL-63	50	27.8	pCi/L	U	U	237	509	
FTF 28	2/21/2023	NICKEL-63	50	0.306	pCi/L	U	U	2.77	5.00	
FTF 28	2/21/2023	NICKEL-63	50	0.281	pCi/L	U	U	2.55	5.00	
FBG001C	2/27/2023	NITRATE-NITRITE AS NITROGEN	10	5.5	mg/L			1.80E-2	5.00E-2	
FBG001C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	4.88	mg/L			1.80E-2	5.00E-2	
FTF 29	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	3.19	mg/L			1.80E-2	5.00E-2	
FTF009R	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	2.89	mg/L			1.80E-2	5.00E-2	
FTF 23	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.84	mg/L			1.80E-2	5.00E-2	
FTF031	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.77	mg/L			0.0850	0.250	
FTF 23	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.65	mg/L			1.80E-2	5.00E-2	
FTF 29	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.65	mg/L			1.80E-2	5.00E-2	
FTF030	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.61	mg/L			1.80E-2	5.00E-2	
FTF031	2/27/2023	NITRATE-NITRITE AS NITROGEN	10	2.54	mg/L			1.80E-2	5.00E-2	
FTF030D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.53	mg/L			1.80E-2	5.00E-2	
FTF030D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.41	mg/L			1.80E-2	5.00E-2	
FTF009R	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.36	mg/L			1.80E-2	5.00E-2	
FTF 28	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	2.29	mg/L			1.80E-2	5.00E-2	
FBG002D	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	2.28	mg/L			1.80E-2	5.00E-2	
FTF 28	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.25	mg/L			0.0850	0.250	
FTF 28	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	2.23	mg/L			1.80E-2	5.00E-2	
FTF030	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.23	mg/L			1.80E-2	5.00E-2	
FTF 28	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.17	mg/L			0.0850	0.250	
FBG002D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.12	mg/L			1.80E-2	5.00E-2	
FTF 22	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.77	mg/L			0.0850	0.250	
FTF 20	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.75	mg/L			1.80E-2	5.00E-2	
FTF 19	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	1.73	mg/L			1.80E-2	5.00E-2	
FTF 19	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.73	mg/L			0.0850	0.250	
FTF 22	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.7	mg/L			1.80E-2	5.00E-2	
FTF012R	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	1.52	mg/L			1.80E-2	5.00E-2	
FTF012R	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.42	mg/L			1.80E-2	5.00E-2	
FTF 20	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.19	mg/L			1.80E-2	5.00E-2	
FTF 28	**2/21/2023**	**NONVOLATILE BETA**	**50**	**790**	**pCi/L**			**1.21**	**4.00**	
FTF 28	**2/21/2023**	**NONVOLATILE BETA**	**50**	**774**	**pCi/L**			**1.00**	**4.00**	
FTF 28	**9/14/2023**	**NONVOLATILE BETA**	**50**	**491**	**pCi/L**			**0.852**	**13.3**	
FTF 28	**9/14/2023**	**NONVOLATILE BETA**	**50**	**471**	**pCi/L**			**0.994**	**18.2**	
FTF 19	**2/21/2023**	**NONVOLATILE BETA**	**50**	**59.6**	**pCi/L**			**0.904**	**4.00**	
FTF 19	**2/21/2023**	**NONVOLATILE BETA**	**50**	**51.06**	**pCi/L**			**0.793**	**4.00**	
FTF012R	9/14/2023	NONVOLATILE BETA	50	38.1	pCi/L			4.22E0	1.71E1	
FTF012R	2/21/2023	NONVOLATILE BETA	50	30.4	pCi/L			1.02	4.00	
FTF 19	9/14/2023	NONVOLATILE BETA	50	15.3	pCi/L			0.896	3.34	
FTF 29	9/14/2023	NONVOLATILE BETA	50	15	pCi/L			4.23E0	1.30E1	
FTF 29	2/21/2023	NONVOLATILE BETA	50	8.87	pCi/L			0.827	4.00	
FBG001C	2/27/2023	NONVOLATILE BETA	50	5.2	pCi/L			0.930	4.00	
FTF009R	9/14/2023	NONVOLATILE BETA	50	4.67	pCi/L	J	J	4.23E0	1.03E1	21
FTF030D	9/14/2023	NONVOLATILE BETA	50	4.6	pCi/L	J	J	3.70E0	9.28E0	21
FTF030	9/14/2023	NONVOLATILE BETA	50	4.01	pCi/L	J	J	3.65E0	8.99E0	21
FTF 20	9/14/2023	NONVOLATILE BETA	50	3.94	pCi/L	U	U	4.36E0	1.03E1	
FBG001C	9/14/2023	NONVOLATILE BETA	50	3.06	pCi/L	U	U	4.32E0	9.94E0	18
FTF 22	2/22/2023	NONVOLATILE BETA	50	2.36	pCi/L		J	1.03	4.00	21
FBG002D	9/14/2023	NONVOLATILE BETA	50	2.09	pCi/L	U	U	4.22E0	9.40E0	
FTF 23	9/14/2023	NONVOLATILE BETA	50	2.09	pCi/L	U	U	3.77E0	8.51E0	
FBG002D	2/21/2023	NONVOLATILE BETA	50	1.53	pCi/L		J	0.790	4.00	21
FTF 20	2/22/2023	NONVOLATILE BETA	50	1.53	pCi/L		J	1.06	4.00	21
FTF 22	9/14/2023	NONVOLATILE BETA	50	1.17	pCi/L	J	J	0.858	1.99	21
FTF009R	2/21/2023	NONVOLATILE BETA	50	1.17	pCi/L		J	0.785	4.00	21
FTF031	9/14/2023	NONVOLATILE BETA	50	1.13	pCi/L	J	J	0.982	2.21	21
FTF030D	2/22/2023	NONVOLATILE BETA	50	1.02	pCi/L		J	0.866	4.00	21
FTF 23	2/22/2023	NONVOLATILE BETA	50	0.47	pCi/L	U	U	0.861	4.00	
FTF031	2/27/2023	NONVOLATILE BETA	50	0.422	pCi/L	U	U	0.754	4.00	
FTF030	2/22/2023	NONVOLATILE BETA	50	0.404	pCi/L	U	U	0.909	4.00	
FTF 29	3/13/2023	PH	NA	7.2	SU					
FTF 29	2/21/2023	PH	NA	7.1	SU					
FTF012R	3/13/2023	PH	NA	6.4	SU					
FTF 19	2/21/2023	PH	NA	6.3	SU					
FTF012R	2/21/2023	PH	NA	6.2	SU					
FTF012R	9/14/2023	PH	NA	6.2	SU					
FTF 19	3/13/2023	PH	NA	6.1	SU					
FTF 20	2/22/2023	PH	NA	6	SU					
FTF 20	3/13/2023	PH	NA	5.9	SU					
FTF 19	9/14/2023	PH	NA	5.84	SU					
FTF 22	2/22/2023	PH	NA	5.7	SU					
FTF 22	3/13/2023	PH	NA	5.6	SU					
FTF030	9/14/2023	PH	NA	5.6	SU					
FTF 22	9/14/2023	PH	NA	5.5	SU					
FTF030D	2/22/2023	PH	NA	5.5	SU					

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a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
FTF 20	9/14/2023	PH	NA	5.4	SU					
FTF030	2/22/2023	PH	NA	5.4	SU					
FBG002D	9/14/2023	PH	NA	5.3	SU					
FTF030	3/14/2023	PH	NA	5.3	SU					
FBG002D	3/13/2023	PH	NA	5.2	SU					
FBG002D	2/21/2023	PH	NA	5.2	SU					
FTF030D	3/14/2023	PH	NA	5.2	SU					
FTF 28	3/13/2023	PH	NA	5.1	SU					
FTF 28	3/13/2023	PH	NA	5.1	SU					
FTF 28	2/21/2023	PH	NA	5.1	SU					
FTF 28	2/21/2023	PH	NA	5.1	SU					
FTF030D	9/14/2023	PH	NA	5	SU					
FTF031	2/27/2023	PH	NA	5	SU					
FBG001C	2/27/2023	PH	NA	4.9	SU					
FBG001C	3/13/2023	PH	NA	4.9	SU					
FTF009R	2/21/2023	PH	NA	4.9	SU					
FTF009R	3/13/2023	PH	NA	4.9	SU					
FTF009R	9/14/2023	PH	NA	4.9	SU					
FBG001C	9/14/2023	PH	NA	4.8	SU					
FTF 23	3/14/2023	PH	NA	4.8	SU					
FTF 23	9/14/2023	PH	NA	4.7	SU					
FTF 23	2/22/2023	PH	NA	4.6	SU					
FTF031	3/14/2023	PH	NA	4.6	SU					
FTF031	9/14/2023	PH	NA	4.6	SU					
FTF 28	9/14/2023	POTASSIUM-40	0.83[b]	68.9	pCi/L	U	U	80.7	181	
FTF 28	2/21/2023	POTASSIUM-40	0.83[b]	13.2	pCi/L	U	U	179	363.6	
FTF 28	2/21/2023	POTASSIUM-40	0.83[b]	-11	pCi/L	U	U	190	376.4	
FTF 28	9/14/2023	POTASSIUM-40	0.83[b]	-12	pCi/L	U	U	77.7	161	
FTF 28	9/14/2023	PROMETHIUM-147	600	38.1	pCi/L	U	U	80.3	176	
FTF 28	9/14/2023	PROMETHIUM-147	600	34.3	pCi/L	U	U	72.6	159	
FTF 28	2/21/2023	PROMETHIUM-147	600	-0.546	pCi/L	U	U	1.84	2.00	
FTF 28	2/21/2023	PROMETHIUM-147	600	-0.564	pCi/L	U	U	2.08	2.00	
FTF 28	9/14/2023	RADIUM-226	5	1.46	pCi/L			0.361	1.42	
FTF 28	2/21/2023	RADIUM-226	5	0.285	pCi/L		J	0.128	1.00	21
FTF 28	9/14/2023	RADIUM-226	5	0.265	pCi/L	U	U	0.586	1.28	
FTF 28	2/21/2023	RADIUM-226	5	0.25	pCi/L		J	0.152	1.00	21
FTF 28	2/21/2023	RADIUM-228	5	0.534	pCi/L		J	0.470	1.00	21
FTF 28	9/14/2023	RADIUM-228	5	0.33	pCi/L	U	U	0.411	0.937	
FTF 28	2/21/2023	RADIUM-228	5	0.284	pCi/L	U	U	0.574	1.00	
FTF 28	9/14/2023	RADIUM-228	5	-0.137	pCi/L	U	U	0.587	1.16	
FTF 22	9/14/2023	SODIUM	NA	27100	ug/L			80	250	
FTF 22	2/22/2023	SODIUM	NA	23000	ug/L			73	1000	V
FTF 20	2/22/2023	SODIUM	NA	18000	ug/L			73	1000	V
FTF 19	2/21/2023	SODIUM	NA	11000	ug/L			73	1000	V
FTF 20	9/14/2023	SODIUM	NA	10700	ug/L			1.00E2	1.00E3	
FTF030D	2/22/2023	SODIUM	NA	7200	ug/L			73	1000	V
FTF 23	2/22/2023	SODIUM	NA	7000	ug/L			73	1000	V
FBG001C	2/27/2023	SODIUM	NA	6100	ug/L			73	1000	
FTF 23	9/14/2023	SODIUM	NA	6030	ug/L			1.00E2	1.00E3	
FTF 19	9/14/2023	SODIUM	NA	5550	ug/L			80	250	
FTF 29	2/21/2023	SODIUM	NA	5500	ug/L			73	1000	V
FBG002D	2/21/2023	SODIUM	NA	5400	ug/L			73	1000	V
FTF030D	9/14/2023	SODIUM	NA	5290	ug/L			1.00E2	1.00E3	
FBG002D	9/14/2023	SODIUM	NA	5110	ug/L			1.00E2	1.00E3	
FTF012R	2/21/2023	SODIUM	NA	4900	ug/L			73	1000	V
FTF030	2/22/2023	SODIUM	NA	4900	ug/L			73	1000	V
FTF031	2/27/2023	SODIUM	NA	4900	ug/L			73	1000	
FTF031	9/14/2023	SODIUM	NA	4860	ug/L			80	250	
FBG001C	9/14/2023	SODIUM	NA	4790	ug/L			1.00E2	1.00E3	
FTF030	9/14/2023	SODIUM	NA	4510	ug/L			1.00E2	1.00E3	
FTF009R	2/21/2023	SODIUM	NA	4200	ug/L			73	1000	V
FTF012R	9/14/2023	SODIUM	NA	4070	ug/L			1.00E2	1.00E3	
FTF 29	9/14/2023	SODIUM	NA	3850	ug/L			1.00E2	1.00E3	
FTF 28	2/21/2023	SODIUM	NA	3700	ug/L			73	1000	V
FTF 28	2/21/2023	SODIUM	NA	3500	ug/L			73	1000	V
FTF009R	9/14/2023	SODIUM	NA	3460	ug/L			1.00E2	1.00E3	
FTF 28	9/14/2023	SODIUM	NA	3090	ug/L			80	250	
FTF 28	9/14/2023	SODIUM	NA	3080	ug/L			80	250	
FTF 29	3/13/2023	SPECIFIC CONDUCTANCE	NA	296	uS/cm					
FTF 29	2/21/2023	SPECIFIC CONDUCTANCE	NA	286	uS/cm					
FTF 20	2/22/2023	SPECIFIC CONDUCTANCE	NA	155	uS/cm					
FTF 20	3/13/2023	SPECIFIC CONDUCTANCE	NA	153	uS/cm					
FTF 20	9/14/2023	SPECIFIC CONDUCTANCE	NA	136	uS/cm					
FTF 22	2/22/2023	SPECIFIC CONDUCTANCE	NA	125	uS/cm					
FTF 22	9/14/2023	SPECIFIC CONDUCTANCE	NA	124	uS/cm					
FTF012R	9/14/2023	SPECIFIC CONDUCTANCE	NA	124	uS/cm					
FTF 22	3/13/2023	SPECIFIC CONDUCTANCE	NA	117	uS/cm					
FTF012R	2/21/2023	SPECIFIC CONDUCTANCE	NA	116	uS/cm					
FTF012R	3/13/2023	SPECIFIC CONDUCTANCE	NA	112	uS/cm					
FTF 19	2/21/2023	SPECIFIC CONDUCTANCE	NA	105	uS/cm					
FTF 19	3/13/2023	SPECIFIC CONDUCTANCE	NA	98	uS/cm					
FBG001C	9/14/2023	SPECIFIC CONDUCTANCE	NA	88	uS/cm					
FTF 19	9/14/2023	SPECIFIC CONDUCTANCE	NA	83.7	uS/cm					

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WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
FTF030D	3/14/2023	SPECIFIC CONDUCTANCE	NA	74	uS/cm					
FBG001C	3/13/2023	SPECIFIC CONDUCTANCE	NA	72	uS/cm					
FTF 23	9/14/2023	SPECIFIC CONDUCTANCE	NA	71	uS/cm					
FBG001C	2/27/2023	SPECIFIC CONDUCTANCE	NA	70	uS/cm					
FTF 23	2/22/2023	SPECIFIC CONDUCTANCE	NA	69	uS/cm					
FTF 23	3/14/2023	SPECIFIC CONDUCTANCE	NA	66	uS/cm					
FTF030D	9/14/2023	SPECIFIC CONDUCTANCE	NA	63	uS/cm					
FBG002D	3/13/2023	SPECIFIC CONDUCTANCE	NA	58	uS/cm					
FTF030	2/22/2023	SPECIFIC CONDUCTANCE	NA	58	uS/cm					
FBG002D	2/21/2023	SPECIFIC CONDUCTANCE	NA	57	uS/cm					
FTF030	9/14/2023	SPECIFIC CONDUCTANCE	NA	57	uS/cm					
FTF030D	2/22/2023	SPECIFIC CONDUCTANCE	NA	57	uS/cm					
FBG002D	9/14/2023	SPECIFIC CONDUCTANCE	NA	54	uS/cm					
FTF030	3/14/2023	SPECIFIC CONDUCTANCE	NA	54	uS/cm					
FTF031	9/14/2023	SPECIFIC CONDUCTANCE	NA	51	uS/cm					
FTF031	2/27/2023	SPECIFIC CONDUCTANCE	NA	49	uS/cm					
FTF031	3/14/2023	SPECIFIC CONDUCTANCE	NA	47	uS/cm					
FTF009R	2/21/2023	SPECIFIC CONDUCTANCE	NA	42	uS/cm					
FTF 28	3/13/2023	SPECIFIC CONDUCTANCE	NA	41	uS/cm					
FTF 28	3/13/2023	SPECIFIC CONDUCTANCE	NA	41	uS/cm					
FTF 28	2/21/2023	SPECIFIC CONDUCTANCE	NA	41	uS/cm					
FTF 28	2/21/2023	SPECIFIC CONDUCTANCE	NA	41	uS/cm					
FTF009R	3/13/2023	SPECIFIC CONDUCTANCE	NA	40	uS/cm					
FTF009R	9/14/2023	SPECIFIC CONDUCTANCE	NA	40	uS/cm					
FTF 28	**9/14/2023**	**STRONTIUM-90**	**8**	**14.1**	**pCi/L**			**5.32**	**14.0**	
FTF 28	9/14/2023	STRONTIUM-90	8	3.21	pCi/L	U	U	5.50	12.1	
FTF 28	2/21/2023	STRONTIUM-90	8	-0.0429	pCi/L	U	U	0.358	3.00	
FTF 28	2/21/2023	STRONTIUM-90	8	-0.065	pCi/L	U	U	0.333	3.00	
FTF 28	**2/21/2023**	**TECHNETIUM-99**	**900**	**1284**	**pCi/L**			**2.57**	**3.00**	
FTF 28	**2/21/2023**	**TECHNETIUM-99**	**900**	**1270**	**pCi/L**			**2.52**	**3.00**	
FTF 28	**2/21/2023**	**TECHNETIUM-99**	**900**	**1250**	**pCi/L**			**2.52**	**3.00**	
FTF 28	**9/14/2023**	**TECHNETIUM-99**	**900**	**1200**	**pCi/L**			**8.63**	**64.0**	
FTF 28	**9/14/2023**	**TECHNETIUM-99**	**900**	**1180**	**pCi/L**			**8.43**	**62.6**	
FTF 19	2/21/2023	TECHNETIUM-99	900	74.1	pCi/L			1.74	3.00	
FTF012R	9/14/2023	TECHNETIUM-99	900	43.2	pCi/L			4.53E0	1.21E1	
FTF012R	2/21/2023	TECHNETIUM-99	900	42	pCi/L			1.78	3.00	
FTF 19	9/14/2023	TECHNETIUM-99	900	32.7	pCi/L			8.36	21.3	
FTF030	2/22/2023	TECHNETIUM-99	900	1.62	pCi/L	U	U	1.69	3.00	
FBG001C	2/27/2023	TECHNETIUM-99	900	1.6	pCi/L	U	U	3.40	3.00	
FTF030	9/14/2023	TECHNETIUM-99	900	0.979	pCi/L	U	U	4.40E0	9.68E0	
FBG001C	9/14/2023	TECHNETIUM-99	900	0.247	pCi/L	U	U	4.53E0	9.91E0	
FTF 28	2/21/2023	THALLIUM-208	NA	8.21	pCi/L	U	U	18.3	50.7	
FTF 28	2/21/2023	THALLIUM-208	NA	5.88	pCi/L	U	U	20.5	56.1	
FTF 28	9/14/2023	THALLIUM-208	NA	2.65	pCi/L	U	U	5.69	15.5	
FTF 28	9/14/2023	THALLIUM-208	NA	-3.23	pCi/L	U	U	7.52	17.1	
FTF 29	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	119	mg/L					
FTF 29	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	119	mg/L					
FTF 19	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	38	mg/L					
FTF012R	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	29	mg/L					
FTF 20	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	27	mg/L					
FTF012R	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	24	mg/L					
FTF 22	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	14	mg/L					
FTF012R	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	13	mg/L					
FTF 20	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	11	mg/L					
FTF 19	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L					
FTF 19	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	9	mg/L					
FTF 22	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	8	mg/L					
FTF 20	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	7	mg/L					
FTF 22	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L					
FTF009R	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L					
FBG002D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L					
FTF030	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L					
FTF030D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L					
FTF030	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	4	mg/L					
FTF030D	3/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	4	mg/L					
FTF030	3/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	3	mg/L					
FBG002D	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L					
FBG002D	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L					
FTF 28	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	1	mg/L					
FTF 28	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	1	mg/L					
FTF030D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	1	mg/L					
FBG001C	2/27/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FBG001C	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FBG001C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FTF 23	3/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FTF 23	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FTF009R	3/13/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FTF009R	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FTF031	3/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FTF031	2/27/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FTF031	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
FTF 28	9/14/2023	TRITIUM	20	3.19	pCi/mL			0.717	1.84	
FTF 28	9/14/2023	TRITIUM	20	3.17	pCi/mL			0.725	1.85	

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WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
FTF012R	9/14/2023	TRITIUM	20	2.87	pCi/mL			4.52E-1	1.28E0	
FTF012R	2/21/2023	TRITIUM	20	2.24	pCi/mL			4.33E-1	1.19E0	
FTF 28	2/21/2023	TRITIUM	20	2.18	pCi/mL			4.28E-1	1.17E0	
FTF 28	2/21/2023	TRITIUM	20	1.97	pCi/mL			4.28E-1	1.15E0	
FTF 29	9/14/2023	TRITIUM	20	1.81	pCi/mL			4.54E-1	1.19E0	
FTF 22	9/14/2023	TRITIUM	20	1.42	pCi/mL	J	J	0.730	1.71	21
FTF 19	9/14/2023	TRITIUM	20	1.39	pCi/mL	J	J	0.725	1.69	21
FTF 29	2/21/2023	TRITIUM	20	1.24	pCi/mL			4.30E-1	1.08E0	
FTF 19	2/21/2023	TRITIUM	20	1.23	pCi/mL			4.29E-1	1.08E0	
FBG002D	2/21/2023	TRITIUM	20	1.2	pCi/mL			4.28E-1	1.07E0	
FTF 23	2/22/2023	TRITIUM	20	1.01	pCi/mL	J	J	4.92E-1	1.18E0	21
FTF 20	9/14/2023	TRITIUM	20	0.989	pCi/mL	J	J	4.50E-1	1.09E0	21
FTF 20	2/22/2023	TRITIUM	20	0.958	pCi/mL	J	J	4.96E-1	1.19E0	21
FBG001C	2/27/2023	TRITIUM	20	0.943	pCi/mL	J	J	4.78E-1	1.14E0	21
FTF 23	9/14/2023	TRITIUM	20	0.937	pCi/mL	J	J	5.30E-1	1.25E0	21
FTF030D	2/22/2023	TRITIUM	20	0.937	pCi/mL	J	J	4.95E-1	1.18E0	21
FBG002D	9/14/2023	TRITIUM	20	0.918	pCi/mL	J	J	4.97E-1	1.18E0	21
FBG001C	9/14/2023	TRITIUM	20	0.91	pCi/mL	J	J	4.83E-1	1.15E0	21
FTF031	9/14/2023	TRITIUM	20	0.85	pCi/mL	J	J	0.728	1.64	21
FTF 22	2/22/2023	TRITIUM	20	0.839	pCi/mL	J	J	4.94E-1	1.17E0	21
FTF009R	2/21/2023	TRITIUM	20	0.835	pCi/mL	J	J	4.28E-1	1.03E0	21
FTF030D	9/14/2023	TRITIUM	20	0.819	pCi/mL	J	J	5.34E-1	1.25E0	21
FTF030	2/22/2023	TRITIUM	20	0.731	pCi/mL	J	J	5.04E-1	1.18E0	21
FTF031	2/27/2023	TRITIUM	20	0.646	pCi/mL	J	J	4.83E-1	1.12E0	21
FTF030	9/14/2023	TRITIUM	20	0.545	pCi/mL	J	J	5.32E-1	1.21E0	21
FTF009R	9/14/2023	TRITIUM	20	0.476	pCi/mL	U	U	4.97E-1	1.13E0	
FTF030D	3/14/2023	TURBIDITY	NA	33.4	NTU					
FTF030D	9/14/2023	TURBIDITY	NA	15.7	NTU					
FBG001C	3/13/2023	TURBIDITY	NA	14.8	NTU					
FTF012R	3/13/2023	TURBIDITY	NA	14.5	NTU					
FBG001C	9/14/2023	TURBIDITY	NA	14.1	NTU					
FTF012R	9/14/2023	TURBIDITY	NA	11.4	NTU					
FBG001C	2/27/2023	TURBIDITY	NA	9.3	NTU					
FTF 29	2/21/2023	TURBIDITY	NA	6.3	NTU					
FTF030	9/14/2023	TURBIDITY	NA	5.6	NTU					
FTF031	9/14/2023	TURBIDITY	NA	5.4	NTU					
FTF031	3/14/2023	TURBIDITY	NA	5.3	NTU					
FTF030	2/22/2023	TURBIDITY	NA	5	NTU					
FTF 29	3/13/2023	TURBIDITY	NA	4.9	NTU					
FTF012R	2/21/2023	TURBIDITY	NA	4.9	NTU					
FTF030D	2/22/2023	TURBIDITY	NA	3.7	NTU					
FBG002D	9/14/2023	TURBIDITY	NA	3.6	NTU					
FTF 22	3/13/2023	TURBIDITY	NA	3.1	NTU					
FTF030	3/14/2023	TURBIDITY	NA	2.6	NTU					
FTF031	2/27/2023	TURBIDITY	NA	2.3	NTU					
FBG002D	3/13/2023	TURBIDITY	NA	1.9	NTU					
FTF 23	9/14/2023	TURBIDITY	NA	1.9	NTU					
FBG002D	2/21/2023	TURBIDITY	NA	1.5	NTU					
FTF 23	2/22/2023	TURBIDITY	NA	1.3	NTU					
FTF009R	3/13/2023	TURBIDITY	NA	1.2	NTU					
FTF 22	9/14/2023	TURBIDITY	NA	0.95	NTU					
FTF 28	3/13/2023	TURBIDITY	NA	0.9	NTU					
FTF 28	3/13/2023	TURBIDITY	NA	0.9	NTU					
FTF 22	2/22/2023	TURBIDITY	NA	0.8	NTU					
FTF009R	2/21/2023	TURBIDITY	NA	0.8	NTU					
FTF 19	3/13/2023	TURBIDITY	NA	0.7	NTU					
FTF 19	2/21/2023	TURBIDITY	NA	0.6	NTU					
FTF 20	2/22/2023	TURBIDITY	NA	0.6	NTU					
FTF 23	3/14/2023	TURBIDITY	NA	0.6	NTU					
FTF 28	2/21/2023	TURBIDITY	NA	0.5	NTU					
FTF 20	3/13/2023	TURBIDITY	NA	0.4	NTU					
FTF 20	9/14/2023	TURBIDITY	NA	0.4	NTU					
FTF 28	2/21/2023	TURBIDITY	NA	0.4	NTU					
FTF009R	9/14/2023	TURBIDITY	NA	0.4	NTU					
FTF 19	9/14/2023	TURBIDITY	NA	0.35	NTU					
FBG-002-D	9/11/2023	Water Elevation	NA	223.71	ft amsl					
FBG-002-D	2/21/2023	Water Elevation	NA	222.9	ft amsl					
FBG-002-D	3/13/2023	Water Elevation	NA	222.86	ft amsl					
FTF-019	2/21/2023	Water Elevation	NA	219.77	ft amsl					
FTF-019	9/12/2023	Water Elevation	NA	219.7	ft amsl					
FTF-019	3/13/2023	Water Elevation	NA	219.54	ft amsl					
FTF-023	9/14/2023	Water Elevation	NA	219.25	ft amsl					
FTF-020	9/12/2023	Water Elevation	NA	219.2	ft amsl					
FTF-009-R	2/21/2023	Water Elevation	NA	219.1	ft amsl					
FTF-022	9/12/2023	Water Elevation	NA	219.06	ft amsl					
FTF-009-R	9/11/2023	Water Elevation	NA	219.05	ft amsl					
FTF-012-R	2/21/2023	Water Elevation	NA	219.05	ft amsl					
FTF-012-R	9/12/2023	Water Elevation	NA	219.05	ft amsl					
FTF-023	2/22/2023	Water Elevation	NA	219	ft amsl					
FTF-020	3/13/2023	Water Elevation	NA	218.95	ft amsl					
FTF-023	3/14/2023	Water Elevation	NA	218.91	ft amsl					
FTF-020	2/22/2023	Water Elevation	NA	218.9	ft amsl					
FTF-012-R	3/13/2023	Water Elevation	NA	218.86	ft amsl					

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
FTF-022	3/13/2023	Water Elevation	NA	218.82	ft amsl					
FTF-022	2/22/2023	Water Elevation	NA	218.8	ft amsl					
FTF-030-D	9/14/2023	Water Elevation	NA	218.24	ft amsl					
FTF-030-D	2/22/2023	Water Elevation	NA	218.16	ft amsl					
FTF-030-D	3/14/2023	Water Elevation	NA	217.96	ft amsl					
FTF-009-R	3/13/2023	Water Elevation	NA	217.96	ft amsl					
FBG-001-C	2/27/2023	Water Elevation	NA	217.41	ft amsl					
FTF-029	9/12/2023	Water Elevation	NA	216.58	ft amsl					
FBG-001-C	9/12/2023	Water Elevation	NA	216.31	ft amsl					
FBG-001-C	3/13/2023	Water Elevation	NA	216.03	ft amsl					
FTF-031	2/27/2023	Water Elevation	NA	213.28	ft amsl					
FTF-030	9/14/2023	Water Elevation	NA	212.82	ft amsl					
FTF-031	9/14/2023	Water Elevation	NA	212.68	ft amsl					
FTF-030	2/22/2023	Water Elevation	NA	212.2	ft amsl					
FTF-030	3/14/2023	Water Elevation	NA	212.09	ft amsl					
FTF-031	3/14/2023	Water Elevation	NA	212.08	ft amsl					
FTF-029	2/21/2023	Water Elevation	NA	211.34	ft amsl					
FTF-029	3/13/2023	Water Elevation	NA	211.19	ft amsl					
FTF-028	9/12/2023	Water Elevation	NA	210.72	ft amsl					
FTF-028	2/21/2023	Water Elevation	NA	210.62	ft amsl					
FTF-028	3/13/2023	Water Elevation	NA	210.43	ft amsl					

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal

ATTACHMENT B

2023 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 (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 1A	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 1A	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 1C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 1C	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 1D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 1D	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 2B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 2B	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 2C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 2C	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 2D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 2D	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 4B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 4B	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 4C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 4C	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 4D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 4D	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 7B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 7B	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 7C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 7C	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 7D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 7D	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 8B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 8B	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 8C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 8C	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 8D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 8D	2/21/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 9B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 9B	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 9D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 10B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 10B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 10B	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 10B	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 10C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 10C	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 10D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 10D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 11B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 11B	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 11C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 11C	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 11D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 11D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 12B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 12B	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 12C	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 12D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 12D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 13B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 13B	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 13C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 13C	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 13D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 13D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 14B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 14B	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 14C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 14C	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 14D	9/14/2023	CADMIUM	5	1	ug/L	U	U	0.3	1.00	
HAA 14D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 15B	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 15B	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 15C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 15C	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	11
HAA 15D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA 15D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA017D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA017D	2/23/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA018C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA018C	2/23/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA018C	2/23/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA018D	9/13/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA018D	2/23/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA019C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA019C	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA019D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA020C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA020C	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA020D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA020D	2/22/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA021C	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA021C	2/27/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA021D	9/14/2023	CADMIUM	5	1	ug/L	U	U	1.00E-1	1.00E0	
HAA021D	2/27/2023	CADMIUM	5	1	ug/L	U	U	0.19	1.0	
HAA 9C	9/14/2023	CADMIUM	5	0.509	ug/L	J	J	1.00E-1	1.00E0	21
HAA 9C	2/22/2023	CADMIUM	5	0.5	ug/L	J	J	0.19	1.0	21
HAA017C	2/23/2023	CADMIUM	5	0.47	ug/L	J	J	0.19	1.0	21
HAA017C	9/14/2023	CADMIUM	5	0.187	ug/L	J	J	1.00E-1	1.00E0	21
HAA 9D	9/14/2023	CADMIUM	5	0.154	ug/L	J	J	1.00E-1	1.00E0	21|18
HAA 12C	9/14/2023	CADMIUM	5	0.116	ug/L	J	J	1.00E-1	1.00E0	21
HAA018C	9/14/2023	CADMIUM	5	0.104	ug/L	J	J	1.00E-1	1.00E0	21
HAA019D	9/14/2023	CADMIUM	5	0.103	ug/L	J	J	1.00E-1	1.00E0	21
HAA 1A	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 1C	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 1D	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 2B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 2C	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 2D	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 4B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 4C	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 4D	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 7B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 7C	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 7D	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 8B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 11B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 11D	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 12B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 12C	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 12D	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 13B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 14B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 14C	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 15B	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 15D	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA021C	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA021D	9/14/2023	CHROMIUM	100	100	ug/L	U	U	1.00E1	1.00E2	
HAA 8C	9/14/2023	CHROMIUM	100	33.3	ug/L	J	J	1.00E1	1.00E2	21
HAA 8D	9/14/2023	CHROMIUM	100	27.7	ug/L	J	J	1.00E1	1.00E2	21
HAA 9D	9/14/2023	CHROMIUM	100	22.3	ug/L	J	J	1.00E1	1.00E2	21
HAA018D	9/13/2023	CHROMIUM	100	18.9	ug/L	J	J	1.00E1	1.00E2	21
HAA017C	9/14/2023	CHROMIUM	100	17.3	ug/L	J	J	1.00E1	1.00E2	21
HAA018C	9/14/2023	CHROMIUM	100	17	ug/L	J	J	1.00E1	1.00E2	21
HAA 9B	9/14/2023	CHROMIUM	100	16.7	ug/L	J	J	1.00E1	1.00E2	21
HAA 9C	9/14/2023	CHROMIUM	100	16.7	ug/L	J	J	1.00E1	1.00E2	21
HAA019D	9/14/2023	CHROMIUM	100	16.7	ug/L	J	J	1.00E1	1.00E2	21
HAA 13D	9/14/2023	CHROMIUM	100	14.1	ug/L	J	J	1.00E1	1.00E2	21
HAA019D	2/22/2023	CHROMIUM	100	14	ug/L			0.50	3.0	
HAA018C	9/14/2023	CHROMIUM	100	13.8	ug/L	J	J	1.00E1	1.00E2	21
HAA 10B	9/14/2023	CHROMIUM	100	13.5	ug/L	J	J	1.00E1	1.00E2	21
HAA 11C	9/14/2023	CHROMIUM	100	13.1	ug/L	J	J	1.00E1	1.00E2	21
HAA 13C	9/14/2023	CHROMIUM	100	12.6	ug/L	J	J	1.00E1	1.00E2	21
HAA 10C	9/14/2023	CHROMIUM	100	12	ug/L	J	J	1.00E1	1.00E2	21
HAA017D	9/14/2023	CHROMIUM	100	11.7	ug/L	J	J	1.00E1	1.00E2	21
HAA 10B	9/14/2023	CHROMIUM	100	11.5	ug/L	J	J	1.00E1	1.00E2	21
HAA 15C	9/14/2023	CHROMIUM	100	11.2	ug/L	J	J	1.00E1	1.00E2	21|18
HAA 13C	2/22/2023	CHROMIUM	100	11	ug/L			0.50	3.0	
HAA 10D	9/14/2023	CHROMIUM	100	10.4	ug/L	J	J	1.00E1	1.00E2	21
HAA020C	9/14/2023	CHROMIUM	100	10.3	ug/L	J	J	1.00E1	1.00E2	21
HAA020D	9/14/2023	CHROMIUM	100	10.2	ug/L	J	J	1.00E1	1.00E2	21
HAA 14D	9/14/2023	CHROMIUM	100	10	ug/L	U	U	3	10.0	
HAA019C	9/14/2023	CHROMIUM	100	10	ug/L	J	J	1.00E1	1.00E2	21
HAA017C	2/23/2023	CHROMIUM	100	8.7	ug/L			0.50	3.0	
HAA 7C	2/21/2023	CHROMIUM	100	8.4	ug/L			0.50	3.0	
HAA018C	2/23/2023	CHROMIUM	100	8.1	ug/L			0.50	3.0	
HAA018C	2/23/2023	CHROMIUM	100	7.9	ug/L			0.50	3.0	
HAA 4C	2/21/2023	CHROMIUM	100	6.8	ug/L			0.50	3.0	
HAA 13D	2/22/2023	CHROMIUM	100	6.7	ug/L			0.50	3.0	
HAA021D	2/27/2023	CHROMIUM	100	6.6	ug/L			0.50	3.0	
HAA018D	2/23/2023	CHROMIUM	100	6.1	ug/L			0.50	3.0	
HAA 14C	2/22/2023	CHROMIUM	100	5.2	ug/L			0.50	3.0	
HAA 12B	2/22/2023	CHROMIUM	100	4.5	ug/L			0.50	3.0	
HAA017D	2/23/2023	CHROMIUM	100	4.5	ug/L			0.50	3.0	
HAA020D	2/22/2023	CHROMIUM	100	4.4	ug/L			0.50	3.0	

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 9B	2/22/2023	CHROMIUM	100	4.1	ug/L			0.50	3.0	
HAA 12C	2/22/2023	CHROMIUM	100	4.1	ug/L			0.50	3.0	
HAA 14B	2/22/2023	CHROMIUM	100	4.1	ug/L			0.50	3.0	
HAA 13B	2/22/2023	CHROMIUM	100	3.9	ug/L			0.50	3.0	
HAA 8B	2/21/2023	CHROMIUM	100	3.8	ug/L			0.50	3.0	
HAA 9C	2/22/2023	CHROMIUM	100	3.7	ug/L			0.50	3.0	
HAA020C	2/22/2023	CHROMIUM	100	3.7	ug/L			0.50	3.0	
HAA 7B	2/21/2023	CHROMIUM	100	3.5	ug/L			0.50	3.0	
HAA 15B	2/22/2023	CHROMIUM	100	3.5	ug/L			0.50	3.0	
HAA 2B	2/21/2023	CHROMIUM	100	3.4	ug/L			0.50	3.0	
HAA019C	2/22/2023	CHROMIUM	100	3.4	ug/L			0.50	3.0	
HAA 11C	2/22/2023	CHROMIUM	100	3.2	ug/L			0.50	3.0	
HAA 4D	2/21/2023	CHROMIUM	100	3.1	ug/L			0.50	3.0	
HAA 10B	2/22/2023	CHROMIUM	100	3.1	ug/L			0.50	3.0	
HAA 1A	2/21/2023	CHROMIUM	100	3	ug/L	U	U	0.50	3.0	
HAA 1D	2/21/2023	CHROMIUM	100	3	ug/L	U	U	0.50	3.0	
HAA 8C	2/21/2023	CHROMIUM	100	3	ug/L			0.50	3.0	
HAA 10B	2/22/2023	CHROMIUM	100	3	ug/L			0.50	3.0	
HAA021C	2/27/2023	CHROMIUM	100	3	ug/L	U	U	0.50	3.0	
HAA 10C	2/22/2023	CHROMIUM	100	2.9	ug/L	J	J	0.50	3.0	21
HAA 2D	2/21/2023	CHROMIUM	100	2.7	ug/L	J	J	0.50	3.0	21
HAA 4B	2/21/2023	CHROMIUM	100	2.5	ug/L	J	J	0.50	3.0	21
HAA 11B	2/22/2023	CHROMIUM	100	2.2	ug/L	J	J	0.50	3.0	21
HAA 2C	2/21/2023	CHROMIUM	100	1.8	ug/L	J	J	0.50	3.0	21
HAA 9D	2/22/2023	CHROMIUM	100	1.2	ug/L	J	J	0.50	3.0	21
HAA 15C	2/22/2023	CHROMIUM	100	1.2	ug/L	J	J	0.50	3.0	21|11
HAA 10D	2/22/2023	CHROMIUM	100	1.1	ug/L	J	J	0.50	3.0	21
HAA 15D	2/22/2023	CHROMIUM	100	0.94	ug/L	J	J	0.50	3.0	21
HAA 1C	2/21/2023	CHROMIUM	100	0.9	ug/L	J	J	0.50	3.0	21
HAA 14D	2/22/2023	CHROMIUM	100	0.88	ug/L	J	J	0.50	3.0	21
HAA 11D	2/22/2023	CHROMIUM	100	0.84	ug/L	J	J	0.50	3.0	21
HAA 7D	2/21/2023	CHROMIUM	100	0.75	ug/L	J	J	0.50	3.0	21
HAA 12D	2/22/2023	CHROMIUM	100	0.74	ug/L	J	J	0.50	3.0	21
HAA 8D	2/21/2023	CHROMIUM	100	0.59	ug/L	J	J	0.50	3.0	21
HAA 4D	9/14/2023	GROSS ALPHA	15	9.34	pCi/L	J	J	2.33E0	1.01E1	21
HAA 4D	2/21/2023	GROSS ALPHA	15	6.47	pCi/L			1.21	3.00	
HAA017C	2/23/2023	GROSS ALPHA	15	4.72	pCi/L			1.36	3.00	
HAA 8C	9/14/2023	GROSS ALPHA	15	2.71	pCi/L	J	J	2.26E0	6.58E0	21
HAA 2C	9/14/2023	GROSS ALPHA	15	2.32	pCi/L	J	J	2.18E0	6.18E0	21
HAA017D	9/14/2023	GROSS ALPHA	15	2.31	pCi/L	J	J	2.19E0	6.19E0	21
HAA 7D	2/21/2023	GROSS ALPHA	15	2.01	pCi/L		J	1.03	3.00	21
HAA019D	2/22/2023	GROSS ALPHA	15	1.95	pCi/L		J	1.53	3.00	21
HAA 14B	2/22/2023	GROSS ALPHA	15	1.78	pCi/L	U	U	1.93	3.00	
HAA 10B	9/14/2023	GROSS ALPHA	15	1.77	pCi/L	U	U	2.52E0	6.36E0	
HAA 7B	9/14/2023	GROSS ALPHA	15	1.69	pCi/L	U	U	2.35E0	5.99E0	
HAA021C	9/14/2023	GROSS ALPHA	15	1.58	pCi/L	U	U	2.21E0	5.63E0	
HAA 1D	9/14/2023	GROSS ALPHA	15	1.57	pCi/L	U	U	2.19E0	5.59E0	
HAA 2D	2/21/2023	GROSS ALPHA	15	1.57	pCi/L		J	1.19	3.00	21
HAA 9B	9/14/2023	GROSS ALPHA	15	1.4	pCi/L	U	U	2.64E0	6.24E0	
HAA 1C	2/21/2023	GROSS ALPHA	15	1.3	pCi/L	U	U	3.08	3.00	
HAA020C	9/14/2023	GROSS ALPHA	15	1.3	pCi/L	U	U	2.38E0	5.68E0	
HAA 1C	9/14/2023	GROSS ALPHA	15	1.26	pCi/L	U	U	2.31E0	5.51E0	
HAA 7C	2/21/2023	GROSS ALPHA	15	1.22	pCi/L		J	1.19	3.00	21
HAA017C	9/14/2023	GROSS ALPHA	15	1.21	pCi/L	U	U	2.21E0	5.29E0	
HAA 12C	9/14/2023	GROSS ALPHA	15	1.2	pCi/L	U	U	2.24E0	5.32E0	
HAA020D	9/14/2023	GROSS ALPHA	15	1.2	pCi/L	U	U	2.20E0	5.26E0	
HAA 12D	9/14/2023	GROSS ALPHA	15	1.19	pCi/L	U	U	2.18E0	5.20E0	
HAA018D	2/23/2023	GROSS ALPHA	15	1.18	pCi/L	U	U	1.23	3.00	
HAA 2B	2/21/2023	GROSS ALPHA	15	1.17	pCi/L	U	U	1.32	3.00	
HAA 12C	2/22/2023	GROSS ALPHA	15	1.1	pCi/L	U	U	1.14	3.00	
HAA 13D	2/22/2023	GROSS ALPHA	15	1.06	pCi/L	U	U	1.21	3.00	
HAA018C	2/23/2023	GROSS ALPHA	15	1.02	pCi/L	U	U	1.05	3.00	
HAA021C	2/27/2023	GROSS ALPHA	15	1.01	pCi/L	U	U	1.19	3.00	
HAA 8C	2/21/2023	GROSS ALPHA	15	0.979	pCi/L	U	U	1.29	3.00	
HAA 9D	2/22/2023	GROSS ALPHA	15	0.936	pCi/L	U	U	1.01	3.00	
HAA 4B	9/14/2023	GROSS ALPHA	15	0.897	pCi/L	U	U	2.41E0	5.31E0	
HAA 1A	2/21/2023	GROSS ALPHA	15	0.893	pCi/L	U	U	1.87	3.00	
HAA 10D	2/22/2023	GROSS ALPHA	15	0.875	pCi/L	U	U	1.21	3.00	
HAA019C	9/14/2023	GROSS ALPHA	15	0.873	pCi/L	U	U	2.33E0	5.15E0	
HAA 8D	2/21/2023	GROSS ALPHA	15	0.846	pCi/L	U	U	1.03	3.00	
HAA 11C	9/14/2023	GROSS ALPHA	15	0.835	pCi/L	U	U	2.24E0	4.94E0	
HAA 12B	2/22/2023	GROSS ALPHA	15	0.834	pCi/L	U	U	1.38	3.00	
HAA019D	9/14/2023	GROSS ALPHA	15	0.827	pCi/L	U	U	2.22E0	4.90E0	
HAA 2D	9/14/2023	GROSS ALPHA	15	0.815	pCi/L	U	U	2.17E0	4.79E0	
HAA021D	2/27/2023	GROSS ALPHA	15	0.812	pCi/L	U	U	1.35	3.00	
HAA 7D	9/14/2023	GROSS ALPHA	15	0.791	pCi/L	U	U	2.26E0	4.92E0	
HAA018C	2/23/2023	GROSS ALPHA	15	0.744	pCi/L	U	U	1.08	3.00	
HAA 15D	2/22/2023	GROSS ALPHA	15	0.734	pCi/L	U	U	0.889	3.00	
HAA 14D	9/14/2023	GROSS ALPHA	15	0.705	pCi/L	J	J	0.609	1.45	21

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA017D	2/23/2023	GROSS ALPHA	15	0.694	pCi/L	U	U	1.11	3.00	
HAA020D	2/22/2023	GROSS ALPHA	15	0.612	pCi/L	U	U	0.801	3.00	
HAA 2C	2/21/2023	GROSS ALPHA	15	0.571	pCi/L	U	U	1.12	3.00	
HAA 4B	2/21/2023	GROSS ALPHA	15	0.515	pCi/L	U	U	1.30	3.00	
HAA 14B	9/14/2023	GROSS ALPHA	15	0.496	pCi/L	U	U	2.46E0	4.90E0	
HAA020C	2/22/2023	GROSS ALPHA	15	0.488	pCi/L	U	U	1.78	3.00	
HAA 9B	2/22/2023	GROSS ALPHA	15	0.486	pCi/L	U	U	2.14	3.00	
HAA 2B	9/14/2023	GROSS ALPHA	15	0.477	pCi/L	U	U	2.36E0	4.70E0	
HAA 15B	9/14/2023	GROSS ALPHA	15	0.449	pCi/L	U	U	2.23E0	4.43E0	
HAA 15D	9/14/2023	GROSS ALPHA	15	0.449	pCi/L	U	U	2.21E0	4.39E0	
HAA 7C	9/14/2023	GROSS ALPHA	15	0.448	pCi/L	U	U	2.30E0	4.56E0	
HAA 11D	9/14/2023	GROSS ALPHA	15	0.447	pCi/L	U	U	2.21E0	4.39E0	
HAA 13D	9/14/2023	GROSS ALPHA	15	0.443	pCi/L	U	U	2.18E0	4.34E0	
HAA021D	9/14/2023	GROSS ALPHA	15	0.442	pCi/L	U	U	2.19E0	4.35E0	
HAA 10C	2/22/2023	GROSS ALPHA	15	0.44	pCi/L	U	U	0.822	3.00	
HAA018C	9/14/2023	GROSS ALPHA	15	0.44	pCi/L	U	U	2.23E0	4.41E0	
HAA018D	9/13/2023	GROSS ALPHA	15	0.439	pCi/L	U	U	2.21E0	4.39E0	
HAA 4C	2/21/2023	GROSS ALPHA	15	0.417	pCi/L	U	U	1.25	3.00	
HAA 7B	2/21/2023	GROSS ALPHA	15	0.392	pCi/L	U	U	1.06	3.00	
HAA 8B	2/21/2023	GROSS ALPHA	15	0.317	pCi/L	U	U	1.17	3.00	
HAA 11D	2/22/2023	GROSS ALPHA	15	0.272	pCi/L	U	U	1.40	3.00	
HAA 10B	2/22/2023	GROSS ALPHA	15	0.246	pCi/L	U	U	1.43	3.00	
HAA 14C	2/22/2023	GROSS ALPHA	15	0.233	pCi/L	U	U	1.52	3.00	
HAA 13C	2/22/2023	GROSS ALPHA	15	0.173	pCi/L	U	U	1.86	3.00	
HAA 1D	2/21/2023	GROSS ALPHA	15	0.141	pCi/L	U	U	1.12	3.00	
HAA 13B	2/22/2023	GROSS ALPHA	15	0.138	pCi/L	U	U	1.47	3.00	
HAA 15B	2/22/2023	GROSS ALPHA	15	0.132	pCi/L	U	U	1.23	3.00	
HAA 10B	2/22/2023	GROSS ALPHA	15	0.0939	pCi/L	U	U	1.46	3.00	
HAA 11C	2/22/2023	GROSS ALPHA	15	0.0939	pCi/L	U	U	1.11	3.00	
HAA 13B	9/14/2023	GROSS ALPHA	15	0.073	pCi/L	U	U	2.43E0	4.16E0	
HAA 10B	9/14/2023	GROSS ALPHA	15	0.0684	pCi/L	U	U	2.53E0	4.35E0	
HAA018C	9/14/2023	GROSS ALPHA	15	0.0655	pCi/L	U	U	2.21E0	3.78E0	
HAA 15C	9/14/2023	GROSS ALPHA	15	0.0603	pCi/L	U	U	2.21E0	3.77E0	
HAA 9C	9/14/2023	GROSS ALPHA	15	0.0585	pCi/L	U	U	2.29E0	3.93E0	
HAA 8B	9/14/2023	GROSS ALPHA	15	0.0583	pCi/L	U	U	2.29E0	3.92E0	
HAA 10C	9/14/2023	GROSS ALPHA	15	0.0562	pCi/L	U	U	2.25E0	3.85E0	
HAA 10D	9/14/2023	GROSS ALPHA	15	0.0561	pCi/L	U	U	2.34E0	4.00E0	
HAA 8D	9/14/2023	GROSS ALPHA	15	0.0548	pCi/L	U	U	2.28E0	3.90E0	
HAA019C	2/22/2023	GROSS ALPHA	15	0.0506	pCi/L	U	U	1.26	3.00	
HAA 12B	9/14/2023	GROSS ALPHA	15	-0.0034	pCi/L	U	U	3.42E0	5.72E0	
HAA 15C	2/22/2023	GROSS ALPHA	15	-0.0504	pCi/L	U	U	1.11	3.00	
HAA 9C	2/22/2023	GROSS ALPHA	15	-0.114	pCi/L	U	U	1.15	3.00	
HAA 14D	2/22/2023	GROSS ALPHA	15	-0.161	pCi/L	U	U	1.24	3.00	
HAA 12D	2/22/2023	GROSS ALPHA	15	-0.183	pCi/L	U	U	0.853	3.00	
HAA 9D	9/14/2023	GROSS ALPHA	15	-0.323	pCi/L	U	U	2.25E0	2.79E0	
HAA 4C	9/14/2023	GROSS ALPHA	15	-0.332	pCi/L	U	U	2.35E0	2.76E0	
HAA 14C	9/14/2023	GROSS ALPHA	15	-0.332	pCi/L	U	U	2.32E0	2.72E0	
HAA 13C	9/14/2023	GROSS ALPHA	15	-0.353	pCi/L	U	U	2.45E0	2.86E0	
HAA 1A	9/14/2023	GROSS ALPHA	15	-0.362	pCi/L	U	U	2.52E0	2.95E0	
HAA 11B	9/14/2023	GROSS ALPHA	15	-0.374	pCi/L	U	U	2.64E0	3.28E0	
HAA 11B	2/22/2023	GROSS ALPHA	15	-0.609	pCi/L	U	U	1.61	3.00	
HAA017C	**2/23/2023**	**MANGANESE**	**430[a]**	**540**	**ug/L**		**J**	**0.51**	**3.0**	**11**
HAA 10D	9/14/2023	MANGANESE	430[a]	244	ug/L			1.00E0	1.00E1	
HAA 10D	2/22/2023	MANGANESE	430[a]	150	ug/L			0.51	3.0	
HAA019D	9/14/2023	MANGANESE	430[a]	126	ug/L			1.00E0	1.00E1	
HAA019D	2/22/2023	MANGANESE	430[a]	98	ug/L			0.51	3.0	
HAA018C	2/23/2023	MANGANESE	430[a]	69	ug/L			0.51	3.0	
HAA 7C	2/21/2023	MANGANESE	430[a]	65	ug/L			0.51	3.0	
HAA018C	2/23/2023	MANGANESE	430[a]	59	ug/L			0.51	3.0	
HAA017C	9/14/2023	MANGANESE	430[a]	51.6	ug/L			1.00E0	1.00E1	
HAA 9D	9/14/2023	MANGANESE	430[a]	50.5	ug/L			1.00E0	1.00E1	
HAA017D	2/23/2023	MANGANESE	430[a]	45	ug/L			0.51	3.0	
HAA017D	9/14/2023	MANGANESE	430[a]	40.7	ug/L			1.00E0	1.00E1	
HAA 8C	2/21/2023	MANGANESE	430[a]	36	ug/L			0.51	3.0	
HAA 1C	9/14/2023	MANGANESE	430[a]	35.9	ug/L			1.00E0	1.00E1	
HAA018D	2/23/2023	MANGANESE	430[a]	34	ug/L			0.51	3.0	
HAA 4D	2/21/2023	MANGANESE	430[a]	32	ug/L			0.51	3.0	
HAA 8C	9/14/2023	MANGANESE	430[a]	32	ug/L			1.00E0	1.00E1	
HAA 7C	9/14/2023	MANGANESE	430[a]	31.6	ug/L			1.00E0	1.00E1	
HAA021D	9/14/2023	MANGANESE	430[a]	31.3	ug/L			1.00E0	1.00E1	
HAA021D	2/27/2023	MANGANESE	430[a]	31	ug/L			0.51	3.0	
HAA 8D	9/14/2023	MANGANESE	430[a]	29.2	ug/L			1.00E0	1.00E1	
HAA 8D	2/21/2023	MANGANESE	430[a]	27	ug/L			0.51	3.0	
HAA 4D	9/14/2023	MANGANESE	430[a]	21.4	ug/L			1.00E0	1.00E1	
HAA 12C	9/14/2023	MANGANESE	430[a]	19.3	ug/L			1.00E0	1.00E1	
HAA 2C	2/21/2023	MANGANESE	430[a]	19	ug/L			0.51	3.0	
HAA 2C	9/14/2023	MANGANESE	430[a]	17.3	ug/L			1.00E0	1.00E1	
HAA018D	9/13/2023	MANGANESE	430[a]	15.1	ug/L			1.00E0	1.00E1	
HAA021C	9/14/2023	MANGANESE	430[a]	14.5	ug/L			1.00E0	1.00E1	

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 12C	2/22/2023	MANGANESE	430[a]	13	ug/L			0.51	3.0	
HAA 1A	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 2B	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 4B	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 4C	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 9B	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 11B	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 12B	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 13B	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 13C	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 14B	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 14C	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 15B	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA 15D	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA019C	9/14/2023	MANGANESE	430[a]	10	ug/L	U	U	1.00E0	1.00E1	
HAA020D	2/22/2023	MANGANESE	430[a]	10	ug/L			0.51	3.0	
HAA 10C	9/14/2023	MANGANESE	430[a]	8.96	ug/L	J	J	1.00E0	1.00E1	21
HAA018C	9/14/2023	MANGANESE	430[a]	8.51	ug/L	J	J	1.00E0	1.00E1	21
HAA018C	9/14/2023	MANGANESE	430[a]	8.42	ug/L	J	J	1.00E0	1.00E1	21
HAA 13D	9/14/2023	MANGANESE	430[a]	6.71	ug/L	J	J	1.00E0	1.00E1	21
HAA020D	9/14/2023	MANGANESE	430[a]	6.14	ug/L	J	J	1.00E0	1.00E1	21
HAA 9C	9/14/2023	MANGANESE	430[a]	5.81	ug/L	J	J	1.00E0	1.00E1	21
HAA 15C	9/14/2023	MANGANESE	430[a]	5.67	ug/L	J	J	1.00E0	1.00E1	21
HAA020C	9/14/2023	MANGANESE	430[a]	5.06	ug/L	J	J	1.00E0	1.00E1	21
HAA 15C	2/22/2023	MANGANESE	430[a]	4.8	ug/L		J	0.51	3.0	11
HAA 9D	2/22/2023	MANGANESE	430[a]	4.5	ug/L			0.51	3.0	
HAA 10B	9/14/2023	MANGANESE	430[a]	4.31	ug/L	J	J	1.00E0	1.00E1	21
HAA020C	2/22/2023	MANGANESE	430[a]	4.2	ug/L			0.51	3.0	
HAA 10B	9/14/2023	MANGANESE	430[a]	3.92	ug/L	J	J	1.00E0	1.00E1	21
HAA 10C	2/22/2023	MANGANESE	430[a]	3.9	ug/L			0.51	3.0	
HAA 9C	2/22/2023	MANGANESE	430[a]	3.8	ug/L			0.51	3.0	
HAA 13D	2/22/2023	MANGANESE	430[a]	3.8	ug/L			0.51	3.0	
HAA 2D	2/21/2023	MANGANESE	430[a]	3.4	ug/L			0.51	3.0	
HAA 7D	9/14/2023	MANGANESE	430[a]	3.4	ug/L	J	J	1.00E0	1.00E1	21
HAA 7D	2/21/2023	MANGANESE	430[a]	3.1	ug/L			0.51	3.0	
HAA 1A	2/21/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 4B	2/21/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 10B	2/22/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 10B	2/22/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 11B	2/22/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 12B	2/22/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 13B	2/22/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 14B	2/22/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 14C	2/22/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA019C	2/22/2023	MANGANESE	430[a]	3	ug/L	U	U	0.51	3.0	
HAA 8B	2/21/2023	MANGANESE	430[a]	2.6	ug/L	J	J	0.51	3.0	21
HAA 2B	2/21/2023	MANGANESE	430[a]	2.4	ug/L	J	J	0.51	3.0	21
HAA 8B	9/14/2023	MANGANESE	430[a]	2.4	ug/L	J	J	1.00E0	1.00E1	21
HAA 11D	2/22/2023	MANGANESE	430[a]	2.3	ug/L	J	J	0.51	3.0	21
HAA 1D	9/14/2023	MANGANESE	430[a]	2.08	ug/L	J	J	1.00E0	1.00E1	21
HAA 15D	2/22/2023	MANGANESE	430[a]	1.8	ug/L	J	J	0.51	3.0	21
HAA021C	2/27/2023	MANGANESE	430[a]	1.8	ug/L	J	J	0.51	3.0	21
HAA 2D	9/14/2023	MANGANESE	430[a]	1.79	ug/L	J	J	1.00E0	1.00E1	21
HAA 11D	9/14/2023	MANGANESE	430[a]	1.61	ug/L	J	J	1.00E0	1.00E1	21
HAA 14D	2/22/2023	MANGANESE	430[a]	1.6	ug/L	J	J	0.51	3.0	21
HAA 12D	9/14/2023	MANGANESE	430[a]	1.55	ug/L	J	J	1.00E0	1.00E1	21
HAA 1C	2/21/2023	MANGANESE	430[a]	1.5	ug/L	J	J	0.51	3.0	21
HAA 1D	2/21/2023	MANGANESE	430[a]	1.3	ug/L	J	J	0.51	3.0	21
HAA 7B	2/21/2023	MANGANESE	430[a]	1.3	ug/L	J	J	0.51	3.0	21
HAA 14D	9/14/2023	MANGANESE	430[a]	1.3	ug/L	J	J	1	5.00	21
HAA 7B	9/14/2023	MANGANESE	430[a]	1.28	ug/L	J	J	1.00E0	1.00E1	21
HAA 11C	9/14/2023	MANGANESE	430[a]	1.17	ug/L	J	J	1.00E0	1.00E1	21
HAA 4C	2/21/2023	MANGANESE	430[a]	1.1	ug/L	J	J	0.51	3.0	21
HAA 12D	2/22/2023	MANGANESE	430[a]	1.1	ug/L	J	J	0.51	3.0	21
HAA 11C	2/22/2023	MANGANESE	430[a]	0.97	ug/L	J	J	0.51	3.0	21
HAA 15B	2/22/2023	MANGANESE	430[a]	0.83	ug/L	J	J	0.51	3.0	21
HAA 13C	2/22/2023	MANGANESE	430[a]	0.63	ug/L	J	J	0.51	3.0	21
HAA 9B	2/22/2023	MANGANESE	430[a]	0.58	ug/L	J	J	0.51	3.0	21
HAA 4D	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	6	mg/L			9.00E-2	2.50E-1	
HAA 4D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	5.71	mg/L			1.80E-2	5.00E-2	
HAA020C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	5.54	mg/L			1.80E-2	5.00E-2	
HAA020C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	4.92	mg/L			1.80E-2	5.00E-2	
HAA 12C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	4.35	mg/L			1.80E-2	5.00E-2	
HAA 12C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	3.36	mg/L			1.80E-2	5.00E-2	
HAA 11D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	3.3	mg/L			1.80E-2	5.00E-2	
HAA 11D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	3.14	mg/L			1.80E-2	5.00E-2	
HAA019D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.97	mg/L			1.80E-2	5.00E-2	
HAA 13D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.94	mg/L			1.80E-2	5.00E-2	
HAA 12D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.83	mg/L			1.80E-2	5.00E-2	

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 13D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.7	mg/L			1.80E-2	5.00E-2	
HAA 9C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.5	mg/L			1.80E-2	5.00E-2	
HAA 8C	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	2.37	mg/L			1.80E-2	5.00E-2	
HAA 4B	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	2.32	mg/L			1.80E-2	5.00E-2	
HAA018D	9/13/2023	NITRATE-NITRITE AS NITROGEN	10	2.3	mg/L			1.80E-2	5.00E-2	
HAA 9C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.26	mg/L			1.80E-2	5.00E-2	
HAA 12D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.24	mg/L			1.80E-2	5.00E-2	
HAA 10C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.17	mg/L			1.80E-2	5.00E-2	
HAA018D	2/23/2023	NITRATE-NITRITE AS NITROGEN	10	2.11	mg/L			1.80E-2	5.00E-2	
HAA 15B	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.05	mg/L			1.80E-2	5.00E-2	
HAA 15D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.05	mg/L			1.80E-2	5.00E-2	
HAA 8C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.03	mg/L			1.80E-2	5.00E-2	
HAA021D	2/27/2023	NITRATE-NITRITE AS NITROGEN	10	2.02	mg/L			1.80E-2	5.00E-2	
HAA 14D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2.01	mg/L			1.80E-2	5.00E-2	
HAA021D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	2.01	mg/L			1.80E-2	5.00E-2	
HAA 10C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	2	mg/L			1.80E-2	5.00E-2	
HAA 15D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.98	mg/L			1.80E-2	5.00E-2	
HAA019D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.98	mg/L			1.80E-2	5.00E-2	
HAA017D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.95	mg/L			1.80E-2	5.00E-2	
HAA017D	2/23/2023	NITRATE-NITRITE AS NITROGEN	10	1.8	mg/L			1.80E-2	5.00E-2	
HAA 4B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.79	mg/L			1.80E-2	5.00E-2	
HAA020D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.79	mg/L			1.80E-2	5.00E-2	
HAA 15B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.76	mg/L			1.80E-2	5.00E-2	
HAA 13C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.68	mg/L			1.80E-2	5.00E-2	
HAA 15C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.6	mg/L			1.80E-2	5.00E-2	
HAA 9D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.44	mg/L			1.80E-2	5.00E-2	
HAA 7D	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	1.42	mg/L			1.80E-2	5.00E-2	
HAA020D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.42	mg/L			1.80E-2	5.00E-2	
HAA 15C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.39	mg/L			1.80E-2	5.00E-2	
HAA 7D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.26	mg/L			1.80E-2	5.00E-2	
HAA021C	2/27/2023	NITRATE-NITRITE AS NITROGEN	10	1.25	mg/L			1.80E-2	5.00E-2	
HAA 9D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.22	mg/L			1.80E-2	5.00E-2	
HAA 11C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.22	mg/L			1.80E-2	5.00E-2	
HAA 10B	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.21	mg/L			1.80E-2	5.00E-2	
HAA 10B	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.18	mg/L			1.80E-2	5.00E-2	
HAA 1D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.16	mg/L			1.80E-2	5.00E-2	
HAA 11B	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.14	mg/L			1.80E-2	5.00E-2	
HAA 11C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.11	mg/L			1.80E-2	5.00E-2	
HAA 8D	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	1.1	mg/L			1.80E-2	5.00E-2	
HAA 13C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	1.1	mg/L			1.80E-2	5.00E-2	
HAA021C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.07	mg/L			1.80E-2	5.00E-2	
HAA 10B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1.03	mg/L			1.80E-2	5.00E-2	
HAA 11B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	1	mg/L			1.80E-2	5.00E-2	
HAA 12B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.994	mg/L			1.80E-2	5.00E-2	
HAA 10B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.972	mg/L			1.80E-2	5.00E-2	
HAA019C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	0.916	mg/L			1.80E-2	5.00E-2	
HAA 12B	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	0.883	mg/L			1.80E-2	5.00E-2	
HAA019C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.879	mg/L			1.80E-2	5.00E-2	
HAA 2C	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.724	mg/L			1.80E-2	5.00E-2	
HAA 2D	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.689	mg/L			1.80E-2	5.00E-2	
HAA 2D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.682	mg/L			1.80E-2	5.00E-2	
HAA 14D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.68	mg/L			0.0850	0.250	
HAA 14C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.632	mg/L			1.80E-2	5.00E-2	
HAA 2C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.622	mg/L			1.80E-2	5.00E-2	
HAA 8D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.595	mg/L			1.80E-2	5.00E-2	
HAA 13B	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	0.593	mg/L			1.80E-2	5.00E-2	
HAA 14C	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	0.564	mg/L			1.80E-2	5.00E-2	
HAA 14B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.507	mg/L			1.80E-2	5.00E-2	
HAA 13B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.506	mg/L			1.80E-2	5.00E-2	
HAA 4C	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.494	mg/L			1.80E-2	5.00E-2	
HAA 4C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.486	mg/L			1.80E-2	5.00E-2	
HAA 14B	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	0.459	mg/L			1.80E-2	5.00E-2	
HAA 10D	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	0.34	mg/L			1.80E-2	5.00E-2	
HAA 10D	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.286	mg/L			1.80E-2	5.00E-2	
HAA 1D	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.282	mg/L			1.80E-2	5.00E-2	
HAA018C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.218	mg/L		J	1.80E-2	5.00E-2	9
HAA 9B	2/22/2023	NITRATE-NITRITE AS NITROGEN	10	0.212	mg/L			1.80E-2	5.00E-2	
HAA 9B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.181	mg/L			1.80E-2	5.00E-2	
HAA017C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.174	mg/L			1.80E-2	5.00E-2	
HAA 8B	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.173	mg/L			1.80E-2	5.00E-2	
HAA 7B	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.134	mg/L			1.80E-2	5.00E-2	
HAA 2B	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.133	mg/L			1.80E-2	5.00E-2	
HAA017C	2/23/2023	NITRATE-NITRITE AS NITROGEN	10	0.132	mg/L			1.80E-2	5.00E-2	
HAA018C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.132	mg/L		J	1.80E-2	5.00E-2	9
HAA 8B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.115	mg/L			1.80E-2	5.00E-2	
HAA 2B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.098	mg/L			1.80E-2	5.00E-2	
HAA 7B	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.0856	mg/L			1.80E-2	5.00E-2	
HAA018C	2/23/2023	NITRATE-NITRITE AS NITROGEN	10	0.0796	mg/L			1.80E-2	5.00E-2	
HAA 1C	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.0719	mg/L			1.80E-2	5.00E-2	

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a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA018C	2/23/2023	NITRATE-NITRITE AS NITROGEN	10	0.0707	mg/L			1.80E-2	5.00E-2	
HAA 7C	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.0636	mg/L			1.80E-2	5.00E-2	
HAA 1A	2/21/2023	NITRATE-NITRITE AS NITROGEN	10	0.057	mg/L			1.80E-2	5.00E-2	
HAA 1C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.05	mg/L	U	U	1.80E-2	5.00E-2	
HAA 1A	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.0464	mg/L	J	J	1.80E-2	5.00E-2	21
HAA 7C	9/14/2023	NITRATE-NITRITE AS NITROGEN	10	0.0434	mg/L	J	J	1.80E-2	5.00E-2	21
HAA 12B	9/14/2023	NONVOLATILE BETA	50	34.6	pCi/L			4.33E0	1.68E1	
HAA 4D	9/14/2023	NONVOLATILE BETA	50	23.2	pCi/L			4.40E0	1.49E1	
HAA 4D	2/21/2023	NONVOLATILE BETA	50	20.5	pCi/L			1.01	4.00	
HAA 12B	2/22/2023	NONVOLATILE BETA	50	10.2	pCi/L			0.801	4.00	
HAA 12C	9/14/2023	NONVOLATILE BETA	50	7.85	pCi/L	J	J	4.19E0	1.11E1	21
HAA 12C	2/22/2023	NONVOLATILE BETA	50	6.69	pCi/L			0.812	4.00	
HAA 7D	9/14/2023	NONVOLATILE BETA	50	5.36	pCi/L	J	J	3.66E0	9.48E0	21
HAA 12D	2/22/2023	NONVOLATILE BETA	50	5.11	pCi/L			0.820	4.00	
HAA018C	9/14/2023	NONVOLATILE BETA	50	4.35	pCi/L	J	J	4.17E0	1.01E1	21
HAA 13C	9/14/2023	NONVOLATILE BETA	50	3.72	pCi/L	U	U	4.19E0	9.91E0	
HAA 15C	2/22/2023	NONVOLATILE BETA	50	3.62	pCi/L		J	0.855	4.00	21
HAA017D	9/14/2023	NONVOLATILE BETA	50	3.51	pCi/L	U	U	4.21E0	9.89E0	
HAA 15C	9/14/2023	NONVOLATILE BETA	50	3.19	pCi/L	U	U	4.16E0	9.68E0	
HAA017C	2/23/2023	NONVOLATILE BETA	50	3.1	pCi/L		J	0.975	4.00	21
HAA018D	9/13/2023	NONVOLATILE BETA	50	2.93	pCi/L	U	U	4.17E0	9.59E0	
HAA 9D	9/14/2023	NONVOLATILE BETA	50	2.86	pCi/L	U	U	3.64E0	8.54E0	
HAA 7D	2/21/2023	NONVOLATILE BETA	50	2.8	pCi/L		J	0.899	4.00	21
HAA 10D	9/14/2023	NONVOLATILE BETA	50	2.61	pCi/L	U	U	3.65E0	8.47E0	
HAA 8D	9/14/2023	NONVOLATILE BETA	50	2.6	pCi/L	U	U	3.65E0	8.47E0	
HAA 1A	9/14/2023	NONVOLATILE BETA	50	2.53	pCi/L	U	U	4.20E0	9.52E0	
HAA021C	9/14/2023	NONVOLATILE BETA	50	2.38	pCi/L	U	U	4.20E0	9.46E0	
HAA 10D	2/22/2023	NONVOLATILE BETA	50	2.26	pCi/L		J	0.807	4.00	21
HAA 10C	9/14/2023	NONVOLATILE BETA	50	2.13	pCi/L	U	U	3.64E0	8.26E0	
HAA 8B	9/14/2023	NONVOLATILE BETA	50	1.9	pCi/L	U	U	3.65E0	8.19E0	
HAA 9C	9/14/2023	NONVOLATILE BETA	50	1.9	pCi/L	U	U	3.65E0	8.19E0	
HAA 15B	2/22/2023	NONVOLATILE BETA	50	1.85	pCi/L		J	0.860	4.00	21
HAA019D	9/14/2023	NONVOLATILE BETA	50	1.72	pCi/L	U	U	4.18E0	9.18E0	
HAA 11B	9/14/2023	NONVOLATILE BETA	50	1.71	pCi/L	U	U	3.69E0	8.17E0	
HAA 9B	9/14/2023	NONVOLATILE BETA	50	1.61	pCi/L	U	U	3.72E0	8.20E0	
HAA020D	2/22/2023	NONVOLATILE BETA	50	1.6	pCi/L		J	0.827	4.00	21
HAA 14C	9/14/2023	NONVOLATILE BETA	50	1.56	pCi/L	U	U	4.17E0	9.09E0	
HAA 8C	9/14/2023	NONVOLATILE BETA	50	1.5	pCi/L	U	U	3.72E0	8.16E0	
HAA 14D	9/14/2023	NONVOLATILE BETA	50	1.5	pCi/L	J	J	0.910	2.09	21
HAA 4B	2/21/2023	NONVOLATILE BETA	50	1.28	pCi/L		J	0.836	4.00	21
HAA018C	2/23/2023	NONVOLATILE BETA	50	1.26	pCi/L		J	0.893	4.00	21
HAA 4B	9/14/2023	NONVOLATILE BETA	50	1.25	pCi/L	U	U	4.21E0	9.07E0	
HAA018C	2/23/2023	NONVOLATILE BETA	50	1.24	pCi/L		J	0.867	4.00	21
HAA 11B	2/22/2023	NONVOLATILE BETA	50	1.23	pCi/L		J	0.874	4.00	21
HAA 10B	9/14/2023	NONVOLATILE BETA	50	1.21	pCi/L	U	U	3.68E0	7.94E0	
HAA020C	2/22/2023	NONVOLATILE BETA	50	1.2	pCi/L		J	0.908	4.00	21
HAA 7C	9/14/2023	NONVOLATILE BETA	50	1.17	pCi/L	U	U	3.66E0	7.90E0	
HAA019D	2/22/2023	NONVOLATILE BETA	50	1.04	pCi/L	U	U	1.05	4.00	
HAA 12D	9/14/2023	NONVOLATILE BETA	50	0.985	pCi/L	U	U	4.18E0	8.90E0	
HAA 9B	2/22/2023	NONVOLATILE BETA	50	0.934	pCi/L		J	0.914	4.00	21
HAA 11D	2/22/2023	NONVOLATILE BETA	50	0.91	pCi/L	U	U	0.917	4.00	
HAA018D	2/23/2023	NONVOLATILE BETA	50	0.843	pCi/L	U	U	0.905	4.00	
HAA 1D	2/21/2023	NONVOLATILE BETA	50	0.84	pCi/L		J	0.816	4.00	21
HAA 13D	2/22/2023	NONVOLATILE BETA	50	0.835	pCi/L	U	U	0.901	4.00	
HAA 11C	2/22/2023	NONVOLATILE BETA	50	0.817	pCi/L		J	0.802	4.00	21
HAA 15B	9/14/2023	NONVOLATILE BETA	50	0.799	pCi/L	U	U	4.17E0	8.81E0	
HAA 11C	9/14/2023	NONVOLATILE BETA	50	0.774	pCi/L	U	U	4.18E0	8.82E0	
HAA020C	9/14/2023	NONVOLATILE BETA	50	0.752	pCi/L	U	U	4.22E0	8.88E0	
HAA 1C	9/14/2023	NONVOLATILE BETA	50	0.751	pCi/L	U	U	4.20E0	8.84E0	
HAA017D	2/23/2023	NONVOLATILE BETA	50	0.682	pCi/L	U	U	0.830	4.00	
HAA 7C	2/21/2023	NONVOLATILE BETA	50	0.623	pCi/L	U	U	0.755	4.00	
HAA018C	9/14/2023	NONVOLATILE BETA	50	0.587	pCi/L	U	U	4.16E0	8.68E0	
HAA 1C	2/21/2023	NONVOLATILE BETA	50	0.566	pCi/L	U	U	0.961	4.00	
HAA 2B	9/14/2023	NONVOLATILE BETA	50	0.565	pCi/L	U	U	4.19E0	8.75E0	
HAA 1A	2/21/2023	NONVOLATILE BETA	50	0.543	pCi/L	U	U	0.965	4.00	
HAA 8B	2/21/2023	NONVOLATILE BETA	50	0.536	pCi/L	U	U	0.867	4.00	
HAA019C	2/22/2023	NONVOLATILE BETA	50	0.535	pCi/L	U	U	0.760	4.00	
HAA 10C	2/22/2023	NONVOLATILE BETA	50	0.466	pCi/L	U	U	0.830	4.00	
HAA021C	2/27/2023	NONVOLATILE BETA	50	0.447	pCi/L	U	U	0.943	4.00	
HAA 10B	2/22/2023	NONVOLATILE BETA	50	0.371	pCi/L	U	U	0.890	4.00	
HAA 14B	9/14/2023	NONVOLATILE BETA	50	0.328	pCi/L	U	U	4.21E0	8.69E0	
HAA 11D	9/14/2023	NONVOLATILE BETA	50	0.326	pCi/L	U	U	4.17E0	8.61E0	
HAA021D	9/14/2023	NONVOLATILE BETA	50	0.325	pCi/L	U	U	4.16E0	8.58E0	
HAA 2D	2/21/2023	NONVOLATILE BETA	50	0.307	pCi/L	U	U	0.957	4.00	
HAA019C	9/14/2023	NONVOLATILE BETA	50	0.301	pCi/L	U	U	4.20E0	8.66E0	
HAA020D	9/14/2023	NONVOLATILE BETA	50	0.276	pCi/L	U	U	4.19E0	8.63E0	
HAA 2C	2/21/2023	NONVOLATILE BETA	50	0.275	pCi/L	U	U	0.865	4.00	
HAA 13C	2/22/2023	NONVOLATILE BETA	50	0.263	pCi/L	U	U	0.959	4.00	
HAA 7B	2/21/2023	NONVOLATILE BETA	50	0.242	pCi/L	U	U	0.775	4.00	

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HAA 10B	9/14/2023	NONVOLATILE BETA	50	0.165	pCi/L	U	U	3.72E0	7.54E0	
HAA 2B	2/21/2023	NONVOLATILE BETA	50	0.151	pCi/L	U	U	0.890	4.00	
HAA021D	2/27/2023	NONVOLATILE BETA	50	0.127	pCi/L	U	U	0.932	4.00	
HAA 13B	9/14/2023	NONVOLATILE BETA	50	0.115	pCi/L	U	U	4.19E0	8.55E0	
HAA 4C	2/21/2023	NONVOLATILE BETA	50	0.109	pCi/L	U	U	0.888	4.00	
HAA 13B	2/22/2023	NONVOLATILE BETA	50	0.0699	pCi/L	U	U	0.720	4.00	
HAA 8D	2/21/2023	NONVOLATILE BETA	50	0.0634	pCi/L	U	U	0.736	4.00	
HAA 14D	2/22/2023	NONVOLATILE BETA	50	0.0342	pCi/L	U	U	0.903	4.00	
HAA 1D	9/14/2023	NONVOLATILE BETA	50	0.0149	pCi/L	U	U	4.19E0	8.51E0	
HAA 9D	2/22/2023	NONVOLATILE BETA	50	-0.0438	pCi/L	U	U	0.724	4.00	
HAA 15D	2/22/2023	NONVOLATILE BETA	50	-0.0628	pCi/L	U	U	0.872	4.00	
HAA 9C	2/22/2023	NONVOLATILE BETA	50	-0.0841	pCi/L	U	U	0.814	4.00	
HAA017C	9/14/2023	NONVOLATILE BETA	50	-0.197	pCi/L	U	U	4.19E0	8.41E0	
HAA 7B	9/14/2023	NONVOLATILE BETA	50	-0.225	pCi/L	U	U	4.22E0	8.48E0	
HAA 8C	2/21/2023	NONVOLATILE BETA	50	-0.249	pCi/L	U	U	0.932	4.00	
HAA 14C	2/22/2023	NONVOLATILE BETA	50	-0.275	pCi/L	U	U	0.927	4.00	
HAA 10B	2/22/2023	NONVOLATILE BETA	50	-0.331	pCi/L	U	U	1.04	4.00	
HAA 13D	9/14/2023	NONVOLATILE BETA	50	-0.383	pCi/L	U	U	4.16E0	8.28E0	
HAA 2D	9/14/2023	NONVOLATILE BETA	50	-0.408	pCi/L	U	U	4.17E0	8.29E0	
HAA 15D	9/14/2023	NONVOLATILE BETA	50	-0.621	pCi/L	U	U	4.17E0	8.17E0	
HAA 14B	2/22/2023	NONVOLATILE BETA	50	-0.639	pCi/L	U	U	1.14	4.00	
HAA 4C	9/14/2023	NONVOLATILE BETA	50	-1.29	pCi/L	U	U	4.18E0	7.86E0	
HAA 2C	9/14/2023	NONVOLATILE BETA	50	-1.92	pCi/L	U	U	4.21E0	7.61E0	
HAA 11B	9/14/2023	PH	NA	11.3	SU					
HAA 12B	2/22/2023	PH	NA	11.3	SU					
HAA 11B	2/22/2023	PH	NA	11.1	SU					
HAA 13C	9/14/2023	PH	NA	10.8	SU					
HAA 4B	9/14/2023	PH	NA	10.6	SU					
HAA 13C	2/22/2023	PH	NA	10.4	SU					
HAA 13B	2/22/2023	PH	NA	9.6	SU					
HAA 14B	2/22/2023	PH	NA	9.6	SU					RR1|RR2
HAA 14B	2/22/2023	PH	NA	9.6	SU					RR1|RR2
HAA 14B	9/14/2023	PH	NA	9.4	SU					
HAA 12B	9/14/2023	PH	NA	9.3	SU					
HAA 13B	9/14/2023	PH	NA	8.8	SU					
HAA 1A	2/21/2023	PH	NA	8.7	SU					
HAA 4B	2/21/2023	PH	NA	8.2	SU					
HAA 7C	2/21/2023	PH	NA	7.8	SU					
HAA 9B	2/22/2023	PH	NA	7.5	SU					
HAA 7C	9/14/2023	PH	NA	7.3	SU					
HAA 10B	2/22/2023	PH	NA	7.3	SU					
HAA 10B	2/22/2023	PH	NA	7.3	SU					
HAA020C	2/22/2023	PH	NA	7.3	SU					
HAA 2B	2/21/2023	PH	NA	7.1	SU					
HAA 1C	2/21/2023	PH	NA	6.9	SU					
HAA019C	2/22/2023	PH	NA	6.9	SU					
HAA 10B	9/14/2023	PH	NA	6.8	SU					
HAA 10B	9/14/2023	PH	NA	6.8	SU					
HAA 12D	9/14/2023	PH	NA	6.7	SU					
HAA 4C	2/21/2023	PH	NA	6.6	SU					
HAA019C	9/14/2023	PH	NA	6.6	SU					
HAA 2B	9/14/2023	PH	NA	6.5	SU					
HAA 14C	2/22/2023	PH	NA	6.5	SU					
HAA 15B	2/22/2023	PH	NA	6.5	SU					
HAA 15C	2/22/2023	PH	NA	6.4	SU					
HAA 4C	9/14/2023	PH	NA	6.2	SU					
HAA 9B	9/14/2023	PH	NA	6.2	SU					
HAA 14C	9/14/2023	PH	NA	6.2	SU					
HAA020C	9/14/2023	PH	NA	6.2	SU					
HAA 9D	9/14/2023	PH	NA	6.1	SU					
HAA 11C	9/14/2023	PH	NA	6.1	SU					
HAA 15B	9/14/2023	PH	NA	6.1	SU					
HAA020D	2/22/2023	PH	NA	6	SU					
HAA 8B	9/14/2023	PH	NA	5.9	SU					
HAA 11C	2/22/2023	PH	NA	5.9	SU					
HAA 2C	2/21/2023	PH	NA	5.8	SU					
HAA 7B	9/14/2023	PH	NA	5.8	SU					
HAA021C	9/14/2023	PH	NA	5.8	SU					
HAA 7B	2/21/2023	PH	NA	5.7	SU					
HAA 9C	2/22/2023	PH	NA	5.7	SU					
HAA 9C	9/14/2023	PH	NA	5.7	SU					
HAA017C	2/23/2023	PH	NA	5.6	SU					
HAA017C	9/14/2023	PH	NA	5.6	SU					
HAA020D	9/14/2023	PH	NA	5.6	SU					
HAA021D	9/14/2023	PH	NA	5.6	SU					
HAA017D	2/23/2023	PH	NA	5.5	SU					
HAA 10C	2/22/2023	PH	NA	5.4	SU					
HAA 10C	9/14/2023	PH	NA	5.4	SU					
HAA 12C	9/14/2023	PH	NA	5.4	SU					

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HAA021C	2/27/2023	PH	NA	5.4	SU					
HAA 8B	2/21/2023	PH	NA	5.3	SU					
HAA 8C	9/14/2023	PH	NA	5.3	SU					
HAA 13D	2/22/2023	PH	NA	5.3	SU					
HAA 15C	9/14/2023	PH	NA	5.3	SU					
HAA018C	9/14/2023	PH	NA	5.3	SU					
HAA018C	9/14/2023	PH	NA	5.3	SU					
HAA 9D	2/22/2023	PH	NA	5.2	SU					
HAA 7D	2/21/2023	PH	NA	5.1	SU					
HAA 15D	2/22/2023	PH	NA	5.1	SU					
HAA018C	2/23/2023	PH	NA	5.1	SU					
HAA 1D	2/21/2023	PH	NA	5	SU					
HAA 2C	9/14/2023	PH	NA	5	SU					
HAA018C	2/23/2023	PH	NA	5	SU					
HAA021D	2/27/2023	PH	NA	5	SU					
HAA 2D	2/21/2023	PH	NA	4.9	SU					
HAA 8D	9/14/2023	PH	NA	4.9	SU					
HAA 10D	2/22/2023	PH	NA	4.9	SU					
HAA 10D	9/14/2023	PH	NA	4.9	SU					
HAA 13D	9/14/2023	PH	NA	4.9	SU					
HAA 2D	9/14/2023	PH	NA	4.8	SU					
HAA 12C	2/22/2023	PH	NA	4.8	SU					
HAA018D	2/23/2023	PH	NA	4.8	SU					
HAA 14D	2/22/2023	PH	NA	4.7	SU					
HAA 15D	9/14/2023	PH	NA	4.7	SU					
HAA017D	9/14/2023	PH	NA	4.7	SU					
HAA019D	2/22/2023	PH	NA	4.7	SU					
HAA019D	9/14/2023	PH	NA	4.7	SU					
HAA 11D	2/22/2023	PH	NA	4.6	SU					
HAA 7D	9/14/2023	PH	NA	4.5	SU					
HAA 8C	2/21/2023	PH	NA	4.5	SU					
HAA 11D	9/14/2023	PH	NA	4.5	SU					
HAA 12D	2/22/2023	PH	NA	4.5	SU					
HAA 4D	2/21/2023	PH	NA	4.4	SU					
HAA 8D	2/21/2023	PH	NA	4.3	SU					
HAA 14D	9/14/2023	PH	NA	4.3	SU					
HAA 4D	9/14/2023	PH	NA	4.1	SU					
HAA 10D	2/22/2023	SODIUM	NA	18000	ug/L			73	1000	V
HAA 10D	9/14/2023	SODIUM	NA	11600	ug/L			4.00E2	4.00E3	
HAA 8D	9/14/2023	SODIUM	NA	8000	ug/L			2.00E2	2.00E3	
HAA 8D	2/21/2023	SODIUM	NA	7900	ug/L			73	1000	V
HAA 8C	2/21/2023	SODIUM	NA	7800	ug/L			73	1000	V
HAA019D	2/22/2023	SODIUM	NA	7000	ug/L			73	1000	V
HAA 2B	2/21/2023	SODIUM	NA	6800	ug/L			73	1000	V
HAA 8C	9/14/2023	SODIUM	NA	6320	ug/L			2.00E2	2.00E3	
HAA 15D	9/14/2023	SODIUM	NA	5610	ug/L			1.00E2	1.00E3	
HAA 9D	2/22/2023	SODIUM	NA	5500	ug/L			73	1000	V
HAA 9D	9/14/2023	SODIUM	NA	5380	ug/L			1.00E2	1.00E3	
HAA 2B	9/14/2023	SODIUM	NA	5220	ug/L			1.00E2	1.00E3	
HAA019D	9/14/2023	SODIUM	NA	5120	ug/L			1.00E2	1.00E3	
HAA018D	2/23/2023	SODIUM	NA	5000	ug/L			73	1000	V
HAA 11D	9/14/2023	SODIUM	NA	4900	ug/L			1.00E2	1.00E3	
HAA 15D	2/22/2023	SODIUM	NA	4900	ug/L			73	1000	V
HAA 12D	2/22/2023	SODIUM	NA	4700	ug/L			73	1000	V
HAA 13C	2/22/2023	SODIUM	NA	4300	ug/L			73	1000	V
HAA020D	2/22/2023	SODIUM	NA	4300	ug/L			73	1000	V
HAA 9C	9/14/2023	SODIUM	NA	4280	ug/L			1.00E2	1.00E3	
HAA 9C	2/22/2023	SODIUM	NA	4200	ug/L			73	1000	V
HAA021D	2/27/2023	SODIUM	NA	4100	ug/L			73	1000	
HAA 12D	9/14/2023	SODIUM	NA	4050	ug/L			1.00E2	1.00E3	
HAA020D	9/14/2023	SODIUM	NA	3910	ug/L			1.00E2	1.00E3	
HAA 4B	2/21/2023	SODIUM	NA	3900	ug/L			73	1000	V
HAA 13D	2/22/2023	SODIUM	NA	3900	ug/L			73	1000	V
HAA 2D	2/21/2023	SODIUM	NA	3800	ug/L			73	1000	V
HAA 14D	9/14/2023	SODIUM	NA	3640	ug/L			80	250	
HAA 13B	2/22/2023	SODIUM	NA	3600	ug/L			73	1000	V
HAA020C	2/22/2023	SODIUM	NA	3600	ug/L			73	1000	V
HAA 13D	9/14/2023	SODIUM	NA	3580	ug/L			1.00E2	1.00E3	
HAA021D	9/14/2023	SODIUM	NA	3580	ug/L			1.00E2	1.00E3	
HAA 7C	2/21/2023	SODIUM	NA	3500	ug/L			73	1000	V
HAA 10B	2/22/2023	SODIUM	NA	3500	ug/L			73	1000	V
HAA 10C	2/22/2023	SODIUM	NA	3500	ug/L			73	1000	V
HAA 12C	2/22/2023	SODIUM	NA	3500	ug/L			73	1000	V
HAA 14B	2/22/2023	SODIUM	NA	3500	ug/L			73	1000	V
HAA 15C	2/22/2023	SODIUM	NA	3500	ug/L			73	1000	V
HAA 1C	2/21/2023	SODIUM	NA	3400	ug/L			73	1000	V
HAA 10B	2/22/2023	SODIUM	NA	3400	ug/L			73	1000	V
HAA 14D	2/22/2023	SODIUM	NA	3400	ug/L			73	1000	V
HAA 13C	9/14/2023	SODIUM	NA	3380	ug/L			1.00E2	1.00E3	

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a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 12C	9/14/2023	SODIUM	NA	3350	ug/L			1.00E2	1.00E3	
HAA 15C	9/14/2023	SODIUM	NA	3340	ug/L			1.00E2	1.00E3	
HAA 12B	2/22/2023	SODIUM	NA	3300	ug/L			73	1000	V
HAA 10C	9/14/2023	SODIUM	NA	3200	ug/L			1.00E2	1.00E3	
HAA 1A	2/21/2023	SODIUM	NA	3100	ug/L			73	1000	V
HAA 11B	2/22/2023	SODIUM	NA	3100	ug/L			73	1000	V
HAA 13B	9/14/2023	SODIUM	NA	3060	ug/L			1.00E2	1.00E3	
HAA 10B	9/14/2023	SODIUM	NA	3030	ug/L			1.00E2	1.00E3	
HAA 10B	9/14/2023	SODIUM	NA	3030	ug/L			1.00E2	1.00E3	
HAA 7B	2/21/2023	SODIUM	NA	3000	ug/L			73	1000	V
HAA017D	9/14/2023	SODIUM	NA	3000	ug/L			1.00E2	1.00E3	
HAA017D	2/23/2023	SODIUM	NA	3000	ug/L			73	1000	V
HAA018D	9/13/2023	SODIUM	NA	2990	ug/L			1.00E2	1.00E3	
HAA020C	9/14/2023	SODIUM	NA	2980	ug/L			1.00E2	1.00E3	
HAA 1D	2/21/2023	SODIUM	NA	2900	ug/L			73	1000	V
HAA 14B	9/14/2023	SODIUM	NA	2850	ug/L			1.00E2	1.00E3	
HAA 11B	9/14/2023	SODIUM	NA	2820	ug/L			1.00E2	1.00E3	
HAA 4B	9/14/2023	SODIUM	NA	2800	ug/L			1.00E2	1.00E3	
HAA 12B	9/14/2023	SODIUM	NA	2620	ug/L			1.00E2	1.00E3	
HAA 15B	2/22/2023	SODIUM	NA	2600	ug/L			73	1000	V
HAA 2C	2/21/2023	SODIUM	NA	2500	ug/L			73	1000	V
HAA 7D	2/21/2023	SODIUM	NA	2500	ug/L			73	1000	V
HAA 9B	2/22/2023	SODIUM	NA	2500	ug/L			73	1000	V
HAA021C	9/14/2023	SODIUM	NA	2480	ug/L			1.00E2	1.00E3	
HAA 7D	9/14/2023	SODIUM	NA	2430	ug/L			1.00E2	1.00E3	
HAA 15B	9/14/2023	SODIUM	NA	2430	ug/L			1.00E2	1.00E3	
HAA 9B	9/14/2023	SODIUM	NA	2380	ug/L			1.00E2	1.00E3	
HAA 7B	9/14/2023	SODIUM	NA	2310	ug/L			1.00E2	1.00E3	
HAA 4D	9/14/2023	SODIUM	NA	2250	ug/L			1.00E2	1.00E3	
HAA 4D	2/21/2023	SODIUM	NA	2200	ug/L			73	1000	V
HAA 8B	2/21/2023	SODIUM	NA	2200	ug/L			73	1000	V
HAA 11C	2/22/2023	SODIUM	NA	2200	ug/L			73	1000	V
HAA 1D	9/14/2023	SODIUM	NA	2140	ug/L			1.00E2	1.00E3	
HAA 2D	9/14/2023	SODIUM	NA	2120	ug/L			1.00E2	1.00E3	
HAA 14C	2/22/2023	SODIUM	NA	2100	ug/L			73	1000	V
HAA 1A	9/14/2023	SODIUM	NA	2060	ug/L			1.00E2	1.00E3	
HAA 4C	2/21/2023	SODIUM	NA	2000	ug/L			73	1000	V
HAA 7C	9/14/2023	SODIUM	NA	2000	ug/L			1.00E2	1.00E3	
HAA017C	2/23/2023	SODIUM	NA	2000	ug/L			73	1000	V
HAA019C	2/22/2023	SODIUM	NA	2000	ug/L			73	1000	V
HAA 11C	9/14/2023	SODIUM	NA	1960	ug/L			1.00E2	1.00E3	
HAA 1C	9/14/2023	SODIUM	NA	1910	ug/L			1.00E2	1.00E3	
HAA019C	9/14/2023	SODIUM	NA	1850	ug/L			1.00E2	1.00E3	
HAA018C	2/23/2023	SODIUM	NA	1800	ug/L			73	1000	V
HAA 14C	9/14/2023	SODIUM	NA	1790	ug/L			1.00E2	1.00E3	
HAA017C	9/14/2023	SODIUM	NA	1700	ug/L			1.00E2	1.00E3	
HAA018C	2/23/2023	SODIUM	NA	1700	ug/L			73	1000	V
HAA 2C	9/14/2023	SODIUM	NA	1690	ug/L			1.00E2	1.00E3	
HAA 8B	9/14/2023	SODIUM	NA	1670	ug/L			1.00E2	1.00E3	
HAA018C	9/14/2023	SODIUM	NA	1660	ug/L			1.00E2	1.00E3	
HAA018C	9/14/2023	SODIUM	NA	1610	ug/L			1.00E2	1.00E3	
HAA 4C	9/14/2023	SODIUM	NA	1600	ug/L			1.00E2	1.00E3	
HAA 11D	2/22/2023	SODIUM	NA	1200	ug/L			73	1000	V
HAA021C	2/27/2023	SODIUM	NA	340	ug/L	J	J	73	1000	21
HAA 12B	9/14/2023	SPECIFIC CONDUCTANCE	NA	1344	uS/cm					
HAA 12B	2/22/2023	SPECIFIC CONDUCTANCE	NA	1253	uS/cm					
HAA 14B	2/22/2023	SPECIFIC CONDUCTANCE	NA	1181	uS/cm					RR1|RR2
HAA 11B	9/14/2023	SPECIFIC CONDUCTANCE	NA	612	uS/cm					
HAA 11B	2/22/2023	SPECIFIC CONDUCTANCE	NA	458	uS/cm					
HAA 13C	2/22/2023	SPECIFIC CONDUCTANCE	NA	301	uS/cm					
HAA 4B	9/14/2023	SPECIFIC CONDUCTANCE	NA	274	uS/cm					
HAA 13C	9/14/2023	SPECIFIC CONDUCTANCE	NA	263	uS/cm					
HAA 9B	2/22/2023	SPECIFIC CONDUCTANCE	NA	220	uS/cm					
HAA 9B	9/14/2023	SPECIFIC CONDUCTANCE	NA	220	uS/cm					
HAA 14B	9/14/2023	SPECIFIC CONDUCTANCE	NA	187	uS/cm					
HAA 14B	2/22/2023	SPECIFIC CONDUCTANCE	NA	183	uS/cm					RR1|RR2
HAA 10B	9/14/2023	SPECIFIC CONDUCTANCE	NA	179	uS/cm					
HAA 10B	9/14/2023	SPECIFIC CONDUCTANCE	NA	179	uS/cm					
HAA 10B	2/22/2023	SPECIFIC CONDUCTANCE	NA	174	uS/cm					
HAA 10B	2/22/2023	SPECIFIC CONDUCTANCE	NA	174	uS/cm					
HAA 13B	9/14/2023	SPECIFIC CONDUCTANCE	NA	171	uS/cm					
HAA 1A	2/21/2023	SPECIFIC CONDUCTANCE	NA	166	uS/cm					
HAA 13B	2/22/2023	SPECIFIC CONDUCTANCE	NA	149	uS/cm					
HAA020C	9/14/2023	SPECIFIC CONDUCTANCE	NA	143	uS/cm					
HAA019C	2/22/2023	SPECIFIC CONDUCTANCE	NA	128	uS/cm					
HAA019C	9/14/2023	SPECIFIC CONDUCTANCE	NA	127	uS/cm					
HAA 4C	2/21/2023	SPECIFIC CONDUCTANCE	NA	122	uS/cm					
HAA 4C	9/14/2023	SPECIFIC CONDUCTANCE	NA	115	uS/cm					
HAA 14C	2/22/2023	SPECIFIC CONDUCTANCE	NA	111	uS/cm					

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WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 14C	9/14/2023	SPECIFIC CONDUCTANCE	NA	110	uS/cm					
HAA020C	2/22/2023	SPECIFIC CONDUCTANCE	NA	103	uS/cm					
HAA 1C	2/21/2023	SPECIFIC CONDUCTANCE	NA	101	uS/cm					
HAA 4B	2/21/2023	SPECIFIC CONDUCTANCE	NA	97	uS/cm					
HAA 2B	9/14/2023	SPECIFIC CONDUCTANCE	NA	91	uS/cm					
HAA 2B	2/21/2023	SPECIFIC CONDUCTANCE	NA	90	uS/cm					
HAA 10D	2/22/2023	SPECIFIC CONDUCTANCE	NA	89	uS/cm					
HAA 10D	9/14/2023	SPECIFIC CONDUCTANCE	NA	81	uS/cm					
HAA 12C	9/14/2023	SPECIFIC CONDUCTANCE	NA	78	uS/cm					
HAA 4D	2/21/2023	SPECIFIC CONDUCTANCE	NA	77	uS/cm					
HAA 4D	9/14/2023	SPECIFIC CONDUCTANCE	NA	77	uS/cm					
HAA 7C	2/21/2023	SPECIFIC CONDUCTANCE	NA	77	uS/cm					
HAA019D	2/22/2023	SPECIFIC CONDUCTANCE	NA	66	uS/cm					
HAA 7C	9/14/2023	SPECIFIC CONDUCTANCE	NA	65	uS/cm					
HAA 8D	9/14/2023	SPECIFIC CONDUCTANCE	NA	64	uS/cm					
HAA 15B	2/22/2023	SPECIFIC CONDUCTANCE	NA	60	uS/cm					
HAA 9C	9/14/2023	SPECIFIC CONDUCTANCE	NA	59	uS/cm					
HAA 8D	2/21/2023	SPECIFIC CONDUCTANCE	NA	57	uS/cm					
HAA 9C	2/22/2023	SPECIFIC CONDUCTANCE	NA	57	uS/cm					
HAA 8C	2/21/2023	SPECIFIC CONDUCTANCE	NA	56	uS/cm					
HAA 1D	2/21/2023	SPECIFIC CONDUCTANCE	NA	54	uS/cm					
HAA 12C	2/22/2023	SPECIFIC CONDUCTANCE	NA	54	uS/cm					
HAA 15B	9/14/2023	SPECIFIC CONDUCTANCE	NA	52	uS/cm					
HAA 8C	9/14/2023	SPECIFIC CONDUCTANCE	NA	51	uS/cm					
HAA 11D	9/14/2023	SPECIFIC CONDUCTANCE	NA	51	uS/cm					
HAA 11C	2/22/2023	SPECIFIC CONDUCTANCE	NA	49	uS/cm					
HAA 11D	2/22/2023	SPECIFIC CONDUCTANCE	NA	49	uS/cm					
HAA 10C	2/22/2023	SPECIFIC CONDUCTANCE	NA	47	uS/cm					
HAA 12D	9/14/2023	SPECIFIC CONDUCTANCE	NA	47	uS/cm					
HAA019D	9/14/2023	SPECIFIC CONDUCTANCE	NA	47	uS/cm					
HAA 7B	2/21/2023	SPECIFIC CONDUCTANCE	NA	46	uS/cm					
HAA 11C	9/14/2023	SPECIFIC CONDUCTANCE	NA	46	uS/cm					
HAA 15D	2/22/2023	SPECIFIC CONDUCTANCE	NA	45	uS/cm					
HAA 15D	9/14/2023	SPECIFIC CONDUCTANCE	NA	45	uS/cm					
HAA 9D	9/14/2023	SPECIFIC CONDUCTANCE	NA	44	uS/cm					
HAA 7D	2/21/2023	SPECIFIC CONDUCTANCE	NA	42	uS/cm					
HAA 7D	9/14/2023	SPECIFIC CONDUCTANCE	NA	42	uS/cm					
HAA 12D	2/22/2023	SPECIFIC CONDUCTANCE	NA	42	uS/cm					
HAA 13D	9/14/2023	SPECIFIC CONDUCTANCE	NA	42	uS/cm					
HAA 9D	2/22/2023	SPECIFIC CONDUCTANCE	NA	41	uS/cm					
HAA 10C	9/14/2023	SPECIFIC CONDUCTANCE	NA	41	uS/cm					
HAA 7B	9/14/2023	SPECIFIC CONDUCTANCE	NA	39	uS/cm					
HAA018D	2/23/2023	SPECIFIC CONDUCTANCE	NA	39	uS/cm					
HAA 15C	2/22/2023	SPECIFIC CONDUCTANCE	NA	38	uS/cm					
HAA021D	2/27/2023	SPECIFIC CONDUCTANCE	NA	38	uS/cm					
HAA 8B	2/21/2023	SPECIFIC CONDUCTANCE	NA	37	uS/cm					
HAA 13D	2/22/2023	SPECIFIC CONDUCTANCE	NA	37	uS/cm					
HAA 15C	9/14/2023	SPECIFIC CONDUCTANCE	NA	37	uS/cm					
HAA021D	9/14/2023	SPECIFIC CONDUCTANCE	NA	37	uS/cm					
HAA 8B	9/14/2023	SPECIFIC CONDUCTANCE	NA	36	uS/cm					
HAA 14D	2/22/2023	SPECIFIC CONDUCTANCE	NA	35	uS/cm					
HAA017D	9/14/2023	SPECIFIC CONDUCTANCE	NA	35	uS/cm					
HAA020D	2/22/2023	SPECIFIC CONDUCTANCE	NA	35	uS/cm					
HAA020D	9/14/2023	SPECIFIC CONDUCTANCE	NA	35	uS/cm					
HAA017D	2/23/2023	SPECIFIC CONDUCTANCE	NA	33	uS/cm					
HAA 2D	2/21/2023	SPECIFIC CONDUCTANCE	NA	30	uS/cm					
HAA 2D	9/14/2023	SPECIFIC CONDUCTANCE	NA	30	uS/cm					
HAA017C	2/23/2023	SPECIFIC CONDUCTANCE	NA	30	uS/cm					
HAA 14D	9/14/2023	SPECIFIC CONDUCTANCE	NA	29	uS/cm					
HAA017C	9/14/2023	SPECIFIC CONDUCTANCE	NA	28.6	uS/cm					
HAA018C	2/23/2023	SPECIFIC CONDUCTANCE	NA	28	uS/cm					
HAA018C	2/23/2023	SPECIFIC CONDUCTANCE	NA	28	uS/cm					
HAA021C	9/14/2023	SPECIFIC CONDUCTANCE	NA	26	uS/cm					
HAA021C	2/27/2023	SPECIFIC CONDUCTANCE	NA	25	uS/cm					
HAA018C	9/14/2023	SPECIFIC CONDUCTANCE	NA	24.8	uS/cm					
HAA018C	9/14/2023	SPECIFIC CONDUCTANCE	NA	24.8	uS/cm					
HAA 2C	2/21/2023	SPECIFIC CONDUCTANCE	NA	20	uS/cm					
HAA 2C	9/14/2023	SPECIFIC CONDUCTANCE	NA	20	uS/cm					
HAA 12B	9/14/2023	TECHNETIUM-99	900	49.7	pCi/L			4.36E0	1.21E1	
HAA 12B	2/22/2023	TECHNETIUM-99	900	42.8	pCi/L			1.65	3.00	
HAA 12C	9/14/2023	TECHNETIUM-99	900	13.8	pCi/L			4.35E0	1.03E1	
HAA 12C	2/22/2023	TECHNETIUM-99	900	12.1	pCi/L			1.71	3.00	
HAA 14D	9/14/2023	TECHNETIUM-99	900	12.1	pCi/L	J	J	8.33	19.1	21
HAA 15C	9/14/2023	TECHNETIUM-99	900	11.3	pCi/L			4.37E0	1.02E1	
HAA 15C	2/22/2023	TECHNETIUM-99	900	9.06	pCi/L			1.76	3.00	
HAA 12D	2/22/2023	TECHNETIUM-99	900	6.89	pCi/L			1.70	3.00	
HAA 15B	2/22/2023	TECHNETIUM-99	900	4.48	pCi/L			1.65	3.00	
HAA 10D	2/22/2023	TECHNETIUM-99	900	4.15	pCi/L			1.71	3.00	
HAA 15B	9/14/2023	TECHNETIUM-99	900	3.79	pCi/L	U	U	4.36E0	9.76E0	

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WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 4B	2/21/2023	TECHNETIUM-99	900	3.3	pCi/L			1.76	3.00	
HAA018C	9/14/2023	TECHNETIUM-99	900	3.16	pCi/L	U	U	4.39E0	9.79E0	
HAA 13B	9/14/2023	TECHNETIUM-99	900	3.1	pCi/L	U	U	4.35E0	9.69E0	
HAA018D	2/23/2023	TECHNETIUM-99	900	2.98	pCi/L	U	U	3.26	3.00	
HAA 8D	9/14/2023	TECHNETIUM-99	900	2.76	pCi/L	U	U	4.79E0	1.07E1	
HAA 10D	9/14/2023	TECHNETIUM-99	900	2.42	pCi/L	U	U	4.49E0	9.97E0	
HAA 13D	2/22/2023	TECHNETIUM-99	900	1.81	pCi/L	U	U	3.34	3.00	
HAA 15D	9/14/2023	TECHNETIUM-99	900	1.68	pCi/L	U	U	4.38E0	9.68E0	
HAA017C	9/14/2023	TECHNETIUM-99	900	1.68	pCi/L	U	U	4.39E0	9.71E0	
HAA018D	9/13/2023	TECHNETIUM-99	900	1.68	pCi/L	U	U	4.39E0	9.69E0	
HAA 11C	9/14/2023	TECHNETIUM-99	900	1.48	pCi/L	U	U	4.40E0	9.72E0	
HAA 10C	2/22/2023	TECHNETIUM-99	900	1.42	pCi/L	U	U	1.66	3.00	
HAA 4D	9/14/2023	TECHNETIUM-99	900	1.31	pCi/L	U	U	4.49E0	9.89E0	
HAA017C	2/23/2023	TECHNETIUM-99	900	1.31	pCi/L	U	U	3.36	3.00	
HAA 13D	9/14/2023	TECHNETIUM-99	900	1.29	pCi/L	U	U	4.35E0	9.59E0	
HAA 1A	9/14/2023	TECHNETIUM-99	900	1.23	pCi/L	U	U	4.52E0	9.96E0	
HAA019C	9/14/2023	TECHNETIUM-99	900	1.19	pCi/L	U	U	4.39E0	9.67E0	
HAA 2C	9/14/2023	TECHNETIUM-99	900	1.18	pCi/L	U	U	4.52E0	9.96E0	
HAA017D	2/23/2023	TECHNETIUM-99	900	1.16	pCi/L	U	U	1.61	3.00	
HAA 14B	9/14/2023	TECHNETIUM-99	900	1.1	pCi/L	U	U	4.37E0	9.63E0	
HAA021D	2/27/2023	TECHNETIUM-99	900	1.08	pCi/L	U	U	1.80	3.00	
HAA 4B	9/14/2023	TECHNETIUM-99	900	1.01	pCi/L	U	U	4.53E0	9.97E0	
HAA 9B	9/14/2023	TECHNETIUM-99	900	1.01	pCi/L	U	U	4.50E0	9.90E0	
HAA 12D	9/14/2023	TECHNETIUM-99	900	0.992	pCi/L	U	U	4.34E0	9.54E0	
HAA019D	9/14/2023	TECHNETIUM-99	900	0.986	pCi/L	U	U	4.39E0	9.65E0	
HAA020D	9/14/2023	TECHNETIUM-99	900	0.864	pCi/L	U	U	4.39E0	9.65E0	
HAA 8B	9/14/2023	TECHNETIUM-99	900	0.863	pCi/L	U	U	4.50E0	9.88E0	
HAA 14C	9/14/2023	TECHNETIUM-99	900	0.724	pCi/L	U	U	4.37E0	9.59E0	
HAA 11D	2/22/2023	TECHNETIUM-99	900	0.721	pCi/L	U	U	1.64	3.00	
HAA 8C	2/21/2023	TECHNETIUM-99	900	0.632	pCi/L	U	U	1.76	3.00	
HAA 10C	9/14/2023	TECHNETIUM-99	900	0.616	pCi/L	U	U	4.49E0	9.85E0	
HAA020D	2/22/2023	TECHNETIUM-99	900	0.602	pCi/L	U	U	3.29	3.00	
HAA 13C	2/22/2023	TECHNETIUM-99	900	0.6	pCi/L	U	U	1.65	3.00	
HAA018C	9/14/2023	TECHNETIUM-99	900	0.542	pCi/L	U	U	4.39E0	9.63E0	
HAA 14B	2/22/2023	TECHNETIUM-99	900	0.532	pCi/L	U	U	1.67	3.00	
HAA 9D	2/22/2023	TECHNETIUM-99	900	0.52	pCi/L	U	U	1.72	3.00	
HAA 13B	2/22/2023	TECHNETIUM-99	900	0.52	pCi/L	U	U	1.70	3.00	
HAA 2D	2/21/2023	TECHNETIUM-99	900	0.448	pCi/L	U	U	1.81	3.00	
HAA018C	2/23/2023	TECHNETIUM-99	900	0.445	pCi/L	U	U	3.42	3.00	
HAA 7D	9/14/2023	TECHNETIUM-99	900	0.444	pCi/L	U	U	4.49E0	9.85E0	
HAA 10B	2/22/2023	TECHNETIUM-99	900	0.424	pCi/L	U	U	1.63	3.00	
HAA018C	2/23/2023	TECHNETIUM-99	900	0.413	pCi/L	U	U	1.73	3.00	
HAA019C	2/22/2023	TECHNETIUM-99	900	0.381	pCi/L	U	U	1.66	3.00	
HAA 15D	2/22/2023	TECHNETIUM-99	900	0.377	pCi/L	U	U	1.70	3.00	
HAA 9C	2/22/2023	TECHNETIUM-99	900	0.373	pCi/L	U	U	1.68	3.00	
HAA020C	9/14/2023	TECHNETIUM-99	900	0.37	pCi/L	U	U	4.39E0	9.61E0	
HAA 14D	2/22/2023	TECHNETIUM-99	900	0.364	pCi/L	U	U	1.71	3.00	
HAA 1A	2/21/2023	TECHNETIUM-99	900	0.342	pCi/L	U	U	1.75	3.00	
HAA021C	2/27/2023	TECHNETIUM-99	900	0.335	pCi/L	U	U	1.64	3.00	
HAA 11B	2/22/2023	TECHNETIUM-99	900	0.273	pCi/L	U	U	1.72	3.00	
HAA019D	2/22/2023	TECHNETIUM-99	900	0.269	pCi/L	U	U	3.38	3.00	
HAA 14C	2/22/2023	TECHNETIUM-99	900	0.237	pCi/L	U	U	1.61	3.00	
HAA 7C	2/21/2023	TECHNETIUM-99	900	0.23	pCi/L	U	U	1.77	3.00	
HAA 11D	9/14/2023	TECHNETIUM-99	900	0.228	pCi/L	U	U	4.43E0	9.69E0	
HAA 4D	2/21/2023	TECHNETIUM-99	900	0.203	pCi/L	U	U	1.77	3.00	
HAA 4C	9/14/2023	TECHNETIUM-99	900	0.197	pCi/L	U	U	4.50E0	9.84E0	
HAA020C	2/22/2023	TECHNETIUM-99	900	0.136	pCi/L	U	U	1.67	3.00	
HAA021D	9/14/2023	TECHNETIUM-99	900	0.124	pCi/L	U	U	4.43E0	9.69E0	
HAA 7D	2/21/2023	TECHNETIUM-99	900	0.0865	pCi/L	U	U	1.75	3.00	
HAA 10B	2/22/2023	TECHNETIUM-99	900	0.0487	pCi/L	U	U	1.71	3.00	
HAA 8B	2/21/2023	TECHNETIUM-99	900	0.0478	pCi/L	U	U	1.72	3.00	
HAA 11C	2/22/2023	TECHNETIUM-99	900	0.0186	pCi/L	U	U	1.65	3.00	
HAA 11B	9/14/2023	TECHNETIUM-99	900	0.00000901	pCi/L	U	U	4.36E0	9.54E0	
HAA 9D	9/14/2023	TECHNETIUM-99	900	-0.0492	pCi/L	U	U	4.49E0	9.81E0	
HAA 4C	2/21/2023	TECHNETIUM-99	900	-0.0565	pCi/L	U	U	1.70	3.00	
HAA 13C	9/14/2023	TECHNETIUM-99	900	-0.0746	pCi/L	U	U	4.36E0	9.52E0	
HAA 8D	2/21/2023	TECHNETIUM-99	900	-0.0886	pCi/L	U	U	1.81	3.00	
HAA021C	9/14/2023	TECHNETIUM-99	900	-0.148	pCi/L	U	U	4.44E0	9.70E0	
HAA 8C	9/14/2023	TECHNETIUM-99	900	-0.173	pCi/L	U	U	4.50E0	9.82E0	
HAA 2C	2/21/2023	TECHNETIUM-99	900	-0.2	pCi/L	U	U	1.83	3.00	
HAA 1D	2/21/2023	TECHNETIUM-99	900	-0.241	pCi/L	U	U	1.78	3.00	
HAA 1C	2/21/2023	TECHNETIUM-99	900	-0.303	pCi/L	U	U	1.78	3.00	
HAA 1D	9/14/2023	TECHNETIUM-99	900	-0.346	pCi/L	U	U	4.53E0	9.89E0	
HAA 2B	2/21/2023	TECHNETIUM-99	900	-0.391	pCi/L	U	U	1.76	3.00	
HAA 2B	9/14/2023	TECHNETIUM-99	900	-0.469	pCi/L	U	U	4.53E0	9.87E0	
HAA 7B	2/21/2023	TECHNETIUM-99	900	-0.501	pCi/L	U	U	1.72	3.00	
HAA 9B	2/22/2023	TECHNETIUM-99	900	-0.737	pCi/L	U	U	1.66	3.00	
HAA017D	9/14/2023	TECHNETIUM-99	900	-0.789	pCi/L	U	U	4.39E0	9.55E0	
HAA 7B	9/14/2023	TECHNETIUM-99	900	-0.913	pCi/L	U	U	4.50E0	9.78E0	

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a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 2D	9/14/2023	TECHNETIUM-99	900	-1.09	pCi/L	U	U	4.54E0	9.86E0	
HAA 7C	9/14/2023	TECHNETIUM-99	900	-1.28	pCi/L	U	U	4.49E0	9.73E0	
HAA 9C	9/14/2023	TECHNETIUM-99	900	-1.28	pCi/L	U	U	4.50E0	9.76E0	
HAA 10B	9/14/2023	TECHNETIUM-99	900	-1.33	pCi/L	U	U	4.50E0	9.76E0	
HAA 10B	9/14/2023	TECHNETIUM-99	900	-1.6	pCi/L	U	U	4.50E0	9.74E0	
HAA 1C	9/14/2023	TECHNETIUM-99	900	-1.7	pCi/L	U	U	4.53E0	9.79E0	
HAA 12B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	210	mg/L					
HAA 11B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	103	mg/L					
HAA 14B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	102	mg/L					RR1|RR2
HAA 14B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	96	mg/L					
HAA 11B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	81	mg/L					
HAA 4B	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	78	mg/L					
HAA 10B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	76	mg/L					
HAA 10B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	76	mg/L					
HAA 13B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	74	mg/L					
HAA 13C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	70	mg/L					
HAA020C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	65	mg/L					
HAA019C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	62	mg/L					
HAA 4B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	57	mg/L					
HAA 9B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	57	mg/L					
HAA 7C	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	52	mg/L					
HAA 1A	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	49	mg/L					
HAA 13C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	49	mg/L					
HAA020C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	48	mg/L					
HAA 12B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	46	mg/L					
HAA 4C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	45	mg/L					
HAA 14C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	43	mg/L					
HAA019C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	41	mg/L					
HAA 1C	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	38	mg/L					
HAA 12D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	34	mg/L					
HAA 2B	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	33	mg/L					
HAA 13B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	32	mg/L					
HAA 4C	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	31	mg/L					
HAA 10B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	27	mg/L					
HAA 10B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	27	mg/L					
HAA 9B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	24	mg/L					
HAA 9D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	24	mg/L					
HAA 7C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	23	mg/L					
HAA 14C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	23	mg/L					
HAA 15B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	19	mg/L					
HAA 2B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	16	mg/L					
HAA 15C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	15	mg/L					
HAA 8B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	12	mg/L					
HAA 9C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L					
HAA 11C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L					
HAA 12C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L					
HAA021C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	10	mg/L					
HAA 7B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	9	mg/L					
HAA020D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	9	mg/L					
HAA021D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	8	mg/L					
HAA 15B	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	7	mg/L					
HAA 8C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L					
HAA 10C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L					
HAA017C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L					
HAA020D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	6	mg/L					
HAA 2C	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L					
HAA 8B	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L					
HAA017C	2/23/2023	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L					
HAA017D	2/23/2023	TOTAL ALKALINITY (AS CACO3)	NA	5	mg/L					
HAA 7B	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	4	mg/L					
HAA 9C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	4	mg/L					
HAA 11C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	3	mg/L					
HAA018C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	3	mg/L					
HAA018C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	3	mg/L					
HAA 7D	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L					
HAA 9D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L					
HAA 10C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L					
HAA 13D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L					
HAA 15D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L					
HAA021C	2/27/2023	TOTAL ALKALINITY (AS CACO3)	NA	2	mg/L					
HAA 1D	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 2C	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 2D	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 2D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 4D	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 8C	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 8D	2/21/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 8D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 10D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					

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a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 10D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 11D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 11D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 12C	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 12D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 13D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 14B	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					RR1|RR2
HAA 14D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 14D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA017D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA018C	2/23/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA018C	2/23/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA018D	2/23/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA019D	2/22/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA019D	9/14/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA021D	2/27/2023	TOTAL ALKALINITY (AS CACO3)	NA	0	mg/L					
HAA 12C	**2/22/2023**	**TRITIUM**	**20**	**34.8**	**pCi/mL**			**5.72E-1**	**2.97E0**	
HAA 12C	**9/14/2023**	**TRITIUM**	**20**	**28.7**	**pCi/mL**			**4.70E-1**	**2.57E0**	
HAA 12D	2/22/2023	TRITIUM	20	8.53	pCi/mL			5.83E-1	1.92E0	
HAA 4D	2/21/2023	TRITIUM	20	7.83	pCi/mL			4.91E-1	1.73E0	
HAA 13D	2/22/2023	TRITIUM	20	7.12	pCi/mL			5.84E-1	1.84E0	
HAA 12D	9/14/2023	TRITIUM	20	7.09	pCi/mL			4.72E-1	1.62E0	
HAA 13D	9/14/2023	TRITIUM	20	6.9	pCi/mL			4.70E-1	1.60E0	
HAA 11D	9/14/2023	TRITIUM	20	6.59	pCi/mL			4.12E-1	1.50E0	
HAA 4D	9/14/2023	TRITIUM	20	6.52	pCi/mL			4.08E-1	1.48E0	
HAA 11D	2/22/2023	TRITIUM	20	6.32	pCi/mL			5.78E-1	1.77E0	
HAA 8D	9/14/2023	TRITIUM	20	5.27	pCi/mL			4.12E-1	1.40E0	
HAA 8D	2/21/2023	TRITIUM	20	5.26	pCi/mL			4.93E-1	1.56E0	
HAA 9D	2/22/2023	TRITIUM	20	4.84	pCi/mL			5.04E-1	1.55E0	
HAA 10D	2/22/2023	TRITIUM	20	4.81	pCi/mL			4.84E-1	1.50E0	
HAA 10D	9/14/2023	TRITIUM	20	4.81	pCi/mL			4.48E-1	1.42E0	
HAA 14D	2/22/2023	TRITIUM	20	4.54	pCi/mL			5.64E-1	1.62E0	
HAA 9D	9/14/2023	TRITIUM	20	4.3	pCi/mL			4.74E-1	1.43E0	
HAA 14D	9/14/2023	TRITIUM	20	4.26	pCi/mL			0.716	1.92	
HAA 7D	9/14/2023	TRITIUM	20	4.08	pCi/mL			4.12E-1	1.31E0	
HAA 7D	2/21/2023	TRITIUM	20	3.86	pCi/mL			4.87E-1	1.44E0	
HAA 4B	2/21/2023	TRITIUM	20	3.76	pCi/mL			4.30E-1	1.31E0	
HAA 4B	9/14/2023	TRITIUM	20	3.67	pCi/mL			4.09E-1	1.27E0	
HAA 15D	9/14/2023	TRITIUM	20	3.53	pCi/mL		J	4.71E-1	1.37E0	18
HAA 15D	2/22/2023	TRITIUM	20	3.43	pCi/mL			5.66E-1	1.54E0	
HAA017D	9/14/2023	TRITIUM	20	2.6	pCi/mL			4.71E-1	1.29E0	
HAA 13C	9/14/2023	TRITIUM	20	2.57	pCi/mL			4.70E-1	1.28E0	
HAA 10C	9/14/2023	TRITIUM	20	2.51	pCi/mL			4.49E-1	1.24E0	
HAA 2D	2/21/2023	TRITIUM	20	2.5	pCi/mL			4.34E-1	1.21E0	
HAA018D	9/13/2023	TRITIUM	20	2.47	pCi/mL			4.75E-1	1.29E0	
HAA021D	9/14/2023	TRITIUM	20	2.47	pCi/mL			5.37E-1	1.41E0	
HAA 2D	9/14/2023	TRITIUM	20	2.37	pCi/mL			4.12E-1	1.16E0	
HAA018D	2/23/2023	TRITIUM	20	2.28	pCi/mL			4.83E-1	1.28E0	
HAA021D	2/27/2023	TRITIUM	20	2.28	pCi/mL			4.83E-1	1.28E0	
HAA 10C	2/22/2023	TRITIUM	20	2.27	pCi/mL			4.80E-1	1.28E0	
HAA017D	2/23/2023	TRITIUM	20	2.25	pCi/mL			5.70E-1	1.45E0	
HAA020D	2/22/2023	TRITIUM	20	2.21	pCi/mL			4.85E-1	1.28E0	
HAA019D	2/22/2023	TRITIUM	20	2.17	pCi/mL			4.81E-1	1.27E0	
HAA 13C	2/22/2023	TRITIUM	20	2.12	pCi/mL			5.64E-1	1.43E0	
HAA 15C	9/14/2023	TRITIUM	20	2.03	pCi/mL			4.73E-1	1.24E0	
HAA019D	9/14/2023	TRITIUM	20	1.93	pCi/mL			4.65E-1	1.22E0	
HAA020D	9/14/2023	TRITIUM	20	1.86	pCi/mL			4.74E-1	1.23E0	
HAA 12B	2/22/2023	TRITIUM	20	1.59	pCi/mL			5.70E-1	1.39E0	
HAA 9C	2/22/2023	TRITIUM	20	1.58	pCi/mL			4.89E-1	1.24E0	
HAA 15C	2/22/2023	TRITIUM	20	1.52	pCi/mL			5.67E-1	1.38E0	
HAA 1D	2/21/2023	TRITIUM	20	1.51	pCi/mL			4.31E-1	1.11E0	
HAA 2C	2/21/2023	TRITIUM	20	1.44	pCi/mL			4.32E-1	1.10E0	
HAA 13B	2/22/2023	TRITIUM	20	1.39	pCi/mL			5.65E-1	1.37E0	
HAA 9C	9/14/2023	TRITIUM	20	1.37	pCi/mL			4.51E-1	1.13E0	
HAA 11B	9/14/2023	TRITIUM	20	1.35	pCi/mL			4.47E-1	1.13E0	
HAA020C	9/14/2023	TRITIUM	20	1.33	pCi/mL			4.69E-1	1.17E0	
HAA 8C	9/14/2023	TRITIUM	20	1.29	pCi/mL			4.13E-1	1.05E0	
HAA 1D	9/14/2023	TRITIUM	20	1.24	pCi/mL			4.55E-1	1.13E0	
HAA 13B	9/14/2023	TRITIUM	20	1.24	pCi/mL			4.65E-1	1.15E0	
HAA 8C	2/21/2023	TRITIUM	20	1.22	pCi/mL			4.82E-1	1.18E0	
HAA 12B	9/14/2023	TRITIUM	20	1.22	pCi/mL			4.64E-1	1.14E0	
HAA 11B	2/22/2023	TRITIUM	20	1.21	pCi/mL	J	J	5.06E-1	1.23E0	21
HAA021C	2/27/2023	TRITIUM	20	1.17	pCi/mL			4.78E-1	1.16E0	
HAA021C	9/14/2023	TRITIUM	20	1.13	pCi/mL	J	J	5.30E-1	1.27E0	21
HAA 1A	2/21/2023	TRITIUM	20	1.06	pCi/mL	J	J	4.29E-1	1.06E0	21
HAA020C	2/22/2023	TRITIUM	20	1.02	pCi/mL	J	J	4.84E-1	1.16E0	21
HAA 4C	2/21/2023	TRITIUM	20	0.944	pCi/mL	J	J	4.30E-1	1.04E0	21
HAA 2C	9/14/2023	TRITIUM	20	0.821	pCi/mL	J	J	4.52E-1	1.08E0	21
HAA 15B	9/14/2023	TRITIUM	20	0.668	pCi/mL	J	J	5.38E-1	1.24E0	21

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a-Regional Screening Level b-Preliminary Remediation Goal

WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 11C	9/14/2023	TRITIUM	20	0.657	pCi/mL	J	J	4.49E-1	1.05E0	21
HAA 15B	2/22/2023	TRITIUM	20	0.498	pCi/mL	U	U	5.73E-1	1.29E0	
HAA019C	2/22/2023	TRITIUM	20	0.48	pCi/mL	U	U	4.84E-1	1.10E0	
HAA 11C	2/22/2023	TRITIUM	20	0.469	pCi/mL	U	U	5.83E-1	1.31E0	
HAA 1A	9/14/2023	TRITIUM	20	0.408	pCi/mL	U	U	4.53E-1	1.03E0	
HAA 4C	9/14/2023	TRITIUM	20	0.345	pCi/mL	U	U	4.49E-1	1.01E0	
HAA 14C	9/14/2023	TRITIUM	20	0.317	pCi/mL	U	U	4.66E-1	1.04E0	
HAA 1C	2/21/2023	TRITIUM	20	0.311	pCi/mL			4.27E-1	9.61E-1	
HAA 10B	9/14/2023	TRITIUM	20	0.31	pCi/mL	U	U	4.52E-1	1.01E0	
HAA 10B	9/14/2023	TRITIUM	20	0.282	pCi/mL	U	U	4.53E-1	1.01E0	
HAA019C	9/14/2023	TRITIUM	20	0.263	pCi/mL	U	U	4.69E-1	1.04E0	
HAA 7C	2/21/2023	TRITIUM	20	0.139	pCi/mL	U	U	5.02E-1	1.10E0	
HAA 1C	9/14/2023	TRITIUM	20	0.136	pCi/mL	U	U	4.49E-1	9.85E-1	
HAA 7B	9/14/2023	TRITIUM	20	0.108	pCi/mL	U	U	4.12E-1	9.00E-1	
HAA 8B	9/14/2023	TRITIUM	20	0.0932	pCi/mL	U	U	4.09E-1	8.91E-1	
HAA018C	9/14/2023	TRITIUM	20	0.0915	pCi/mL	U	U	4.70E-1	1.02E0	
HAA018C	9/14/2023	TRITIUM	20	0.0836	pCi/mL	U	U	4.76E-1	1.04E0	
HAA 9B	9/14/2023	TRITIUM	20	0.0753	pCi/mL	U	U	4.09E-1	8.89E-1	
HAA 2B	2/21/2023	TRITIUM	20	0.0688	pCi/mL			4.28E-1	9.30E-1	
HAA018C	2/23/2023	TRITIUM	20	0.0579	pCi/mL	U	U	4.89E-1	1.06E0	
HAA 7B	2/21/2023	TRITIUM	20	0.0516	pCi/mL	U	U	4.90E-1	1.06E0	
HAA 7C	9/14/2023	TRITIUM	20	0.0271	pCi/mL	U	U	4.12E-1	8.88E-1	
HAA 10B	2/22/2023	TRITIUM	20	0.00766	pCi/mL	U	U	4.91E-1	1.06E0	
HAA 10B	2/22/2023	TRITIUM	20	0.00188	pCi/mL	U	U	4.83E-1	1.04E0	
HAA 9B	2/22/2023	TRITIUM	20	0.000000271	pCi/mL	U	U	5.00E-1	1.08E0	
HAA 2B	9/14/2023	TRITIUM	20	-0.0288	pCi/mL	U	U	4.52E-1	9.68E-1	
HAA 14C	2/22/2023	TRITIUM	20	-0.048	pCi/mL	U	U	5.76E-1	1.24E0	
HAA 14B	9/14/2023	TRITIUM	20	-0.0536	pCi/mL	U	U	4.68E-1	1.00E0	
HAA 8B	2/21/2023	TRITIUM	20	-0.0616	pCi/mL	U	U	4.94E-1	1.05E0	
HAA017C	9/14/2023	TRITIUM	20	-0.103	pCi/mL	U	U	4.72E-1	1.00E0	
HAA017C	2/23/2023	TRITIUM	20	-0.11	pCi/mL	U	U	5.82E-1	1.25E0	
HAA018C	2/23/2023	TRITIUM	20	-0.115	pCi/mL	U	U	4.86E-1	1.03E0	
HAA 14B	2/22/2023	TRITIUM	20	-0.142	pCi/mL	U	U	5.75E-1	1.23E0	
HAA 13D	2/22/2023	TURBIDITY	20	61.8	NTU					
HAA 11B	2/22/2023	TURBIDITY	NA	30.2	NTU					
HAA 11B	9/14/2023	TURBIDITY	NA	27.1	NTU					
HAA 12B	2/22/2023	TURBIDITY	NA	15	NTU					
HAA 13D	9/14/2023	TURBIDITY	NA	14.8	NTU					
HAA021D	9/14/2023	TURBIDITY	NA	13.8	NTU					
HAA019D	9/14/2023	TURBIDITY	NA	13.4	NTU					
HAA020D	9/14/2023	TURBIDITY	NA	12.1	NTU					
HAA019D	2/22/2023	TURBIDITY	NA	10.6	NTU					
HAA017D	9/14/2023	TURBIDITY	NA	8	NTU					
HAA020C	2/22/2023	TURBIDITY	NA	7.8	NTU					
HAA 10B	9/14/2023	TURBIDITY	NA	7.4	NTU					
HAA 10B	9/14/2023	TURBIDITY	NA	7.4	NTU					
HAA018D	2/23/2023	TURBIDITY	NA	7.3	NTU					
HAA021D	2/27/2023	TURBIDITY	NA	7.1	NTU					
HAA 12B	9/14/2023	TURBIDITY	NA	6.8	NTU					
HAA 11D	2/22/2023	TURBIDITY	NA	6.6	NTU					
HAA020D	2/22/2023	TURBIDITY	NA	6.6	NTU					
HAA 1D	2/21/2023	TURBIDITY	NA	6.1	NTU					
HAA 4D	2/21/2023	TURBIDITY	NA	5.8	NTU					
HAA017C	2/23/2023	TURBIDITY	NA	4.9	NTU					
HAA020C	9/14/2023	TURBIDITY	NA	4.8	NTU					
HAA017C	9/14/2023	TURBIDITY	NA	4.5	NTU					
HAA 11D	9/14/2023	TURBIDITY	NA	4.4	NTU					
HAA 4C	2/21/2023	TURBIDITY	NA	4.2	NTU					
HAA 10D	2/22/2023	TURBIDITY	NA	3.9	NTU					
HAA 4B	2/21/2023	TURBIDITY	NA	3.2	NTU					
HAA017D	2/23/2023	TURBIDITY	NA	3.1	NTU					
HAA 2D	9/14/2023	TURBIDITY	NA	2.7	NTU					
HAA 2D	2/21/2023	TURBIDITY	NA	2.1	NTU					
HAA 7C	2/21/2023	TURBIDITY	NA	2.1	NTU					
HAA 12C	9/14/2023	TURBIDITY	NA	2.1	NTU					
HAA 12D	9/14/2023	TURBIDITY	NA	1.6	NTU					
HAA 12C	2/22/2023	TURBIDITY	NA	1.5	NTU					
HAA 2C	2/21/2023	TURBIDITY	NA	1.3	NTU					
HAA 7C	9/14/2023	TURBIDITY	NA	1.3	NTU					
HAA 13C	2/22/2023	TURBIDITY	NA	1.3	NTU					
HAA 13C	9/14/2023	TURBIDITY	NA	1.3	NTU					
HAA 11C	2/22/2023	TURBIDITY	NA	1.2	NTU					
HAA019C	2/22/2023	TURBIDITY	NA	1.2	NTU					
HAA 4B	9/14/2023	TURBIDITY	NA	1.1	NTU					
HAA019C	9/14/2023	TURBIDITY	NA	1.1	NTU					
HAA 1C	2/21/2023	TURBIDITY	NA	1	NTU					
HAA 2B	2/21/2023	TURBIDITY	NA	1	NTU					
HAA 13B	2/22/2023	TURBIDITY	NA	1	NTU					
HAA 13B	9/14/2023	TURBIDITY	NA	1	NTU					

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WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA 2C	9/14/2023	TURBIDITY	NA	0.9	NTU					
HAA 4C	9/14/2023	TURBIDITY	NA	0.9	NTU					
HAA 9D	2/22/2023	TURBIDITY	NA	0.9	NTU					
HAA 14D	9/14/2023	TURBIDITY	NA	0.9	NTU					
HAA 2B	9/14/2023	TURBIDITY	NA	0.8	NTU					
HAA 7B	2/21/2023	TURBIDITY	NA	0.8	NTU					
HAA 8D	2/21/2023	TURBIDITY	NA	0.8	NTU					
HAA 8D	9/14/2023	TURBIDITY	NA	0.8	NTU					
HAA 10C	2/22/2023	TURBIDITY	NA	0.8	NTU					
HAA 14C	9/14/2023	TURBIDITY	NA	0.8	NTU					
HAA018C	9/14/2023	TURBIDITY	NA	0.8	NTU					
HAA018C	9/14/2023	TURBIDITY	NA	0.8	NTU					
HAA 7D	9/14/2023	TURBIDITY	NA	0.7	NTU					
HAA 9C	2/22/2023	TURBIDITY	NA	0.7	NTU					
HAA 9C	9/14/2023	TURBIDITY	NA	0.7	NTU					
HAA 9D	9/14/2023	TURBIDITY	NA	0.7	NTU					
HAA 14C	2/22/2023	TURBIDITY	NA	0.7	NTU					
HAA021C	2/27/2023	TURBIDITY	NA	0.7	NTU					
HAA 4D	9/14/2023	TURBIDITY	NA	0.6	NTU					
HAA 8B	9/14/2023	TURBIDITY	NA	0.6	NTU					
HAA 9B	2/22/2023	TURBIDITY	NA	0.6	NTU					
HAA 10C	9/14/2023	TURBIDITY	NA	0.6	NTU					
HAA 10D	9/14/2023	TURBIDITY	NA	0.6	NTU					
HAA 15B	9/14/2023	TURBIDITY	NA	0.6	NTU					
HAA 15C	2/22/2023	TURBIDITY	NA	0.6	NTU					
HAA021C	9/14/2023	TURBIDITY	NA	0.6	NTU					
HAA 1A	2/21/2023	TURBIDITY	NA	0.5	NTU					
HAA 10B	2/22/2023	TURBIDITY	NA	0.5	NTU					
HAA 10B	2/22/2023	TURBIDITY	NA	0.5	NTU					
HAA 14B	2/22/2023	TURBIDITY	NA	0.5	NTU					RR1|RR2
HAA 14B	2/22/2023	TURBIDITY	NA	0.5	NTU					RR1|RR2
HAA 14B	9/14/2023	TURBIDITY	NA	0.5	NTU					
HAA 14D	2/22/2023	TURBIDITY	NA	0.5	NTU					
HAA 15B	2/22/2023	TURBIDITY	NA	0.5	NTU					
HAA018C	2/23/2023	TURBIDITY	NA	0.5	NTU					
HAA018C	2/23/2023	TURBIDITY	NA	0.5	NTU					
HAA 7B	9/14/2023	TURBIDITY	NA	0.4	NTU					
HAA 7D	2/21/2023	TURBIDITY	NA	0.4	NTU					
HAA 8C	2/21/2023	TURBIDITY	NA	0.4	NTU					
HAA 8C	9/14/2023	TURBIDITY	NA	0.4	NTU					
HAA 11C	9/14/2023	TURBIDITY	NA	0.4	NTU					
HAA 12D	2/22/2023	TURBIDITY	NA	0.4	NTU					
HAA 15C	9/14/2023	TURBIDITY	NA	0.4	NTU					
HAA 15D	2/22/2023	TURBIDITY	NA	0.4	NTU					
HAA 8B	2/21/2023	TURBIDITY	NA	0.3	NTU					
HAA 9B	9/14/2023	TURBIDITY	NA	0.3	NTU					
HAA 15D	9/14/2023	TURBIDITY	NA	0.3	NTU					
HTF-003	9/13/2023	Water Elevation	NA	275.42	ft amsl					
HTF-002	9/13/2023	Water Elevation	NA	274.46	ft amsl					
HTF-004	9/13/2023	Water Elevation	NA	274.22	ft amsl					
HAA-002-D	9/12/2023	Water Elevation	NA	273.89	ft amsl					
HAA-002-D	2/21/2023	Water Elevation	NA	273.44	ft amsl					
HTF-001	9/13/2023	Water Elevation	NA	273.09	ft amsl					
HAA-007-D	9/12/2023	Water Elevation	NA	272.37	ft amsl					
HAA-020-D	9/13/2023	Water Elevation	NA	271.96	ft amsl					
HTF-003	2/22/2023	Water Elevation	NA	271.96	ft amsl					
HAA-001-D	9/12/2023	Water Elevation	NA	271.83	ft amsl					
HAA-021-D	9/14/2023	Water Elevation	NA	271.74	ft amsl					
HTF-002	2/22/2023	Water Elevation	NA	271.3	ft amsl					
HAA-015-D	9/13/2023	Water Elevation	NA	271.29	ft amsl					
HTF-004	2/22/2023	Water Elevation	NA	271.11	ft amsl					
HAA-004-D	9/12/2023	Water Elevation	NA	270.75	ft amsl					
HAA-014-D	9/13/2023	Water Elevation	NA	270.18	ft amsl					
HAA-007-D	2/21/2023	Water Elevation	NA	270.01	ft amsl					
HTF-001	2/22/2023	Water Elevation	NA	270	ft amsl					
HAA-017-D	9/13/2023	Water Elevation	NA	269.97	ft amsl					
HAA-020-D	2/22/2023	Water Elevation	NA	269.82	ft amsl					
HAA-021-D	2/27/2023	Water Elevation	NA	269.68	ft amsl					
HAA-013-D	9/13/2023	Water Elevation	NA	269.58	ft amsl					
HAA-015-D	2/22/2023	Water Elevation	NA	269.57	ft amsl					
HAA-017-D	2/23/2023	Water Elevation	NA	269.41	ft amsl					
HAA-010-D	9/12/2023	Water Elevation	NA	269.16	ft amsl					
HAA-008-D	9/12/2023	Water Elevation	NA	269.14	ft amsl					
HAA-019-D	9/13/2023	Water Elevation	NA	268.93	ft amsl					
HAA-001-D	2/21/2023	Water Elevation	NA	268.9	ft amsl					
HC-001-D	9/13/2023	Water Elevation	NA	268.56	ft amsl					
HAA-012-D	9/13/2023	Water Elevation	NA	268.41	ft amsl					
HAA-008-D	2/21/2023	Water Elevation	NA	268.24	ft amsl					
HAA-004-D	2/21/2023	Water Elevation	NA	267.93	ft amsl					

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WELL NAME	COLLECTION DATE	ANALYTE	MCL	RESULT	UNITS	LAB QUALIFIER	REVIEW QUALIFIER	DETECTION LIMIT (MDL)	QUANTITATION LIMIT (SQL)	QUALIFICATION CODE
HAA-018-D	9/13/2023	Water Elevation	NA	267.73	ft amsl					
HAA-011-D	9/12/2023	Water Elevation	NA	267.47	ft amsl					
HAA-018-D	2/23/2023	Water Elevation	NA	267.13	ft amsl					
HAA-019-D	2/22/2023	Water Elevation	NA	267	ft amsl					
HAA-014-D	2/22/2023	Water Elevation	NA	266.72	ft amsl					
HAA-010-D	2/22/2023	Water Elevation	NA	266.21	ft amsl					
HAA-013-D	2/22/2023	Water Elevation	NA	266.14	ft amsl					
HAA-012-D	2/22/2023	Water Elevation	NA	265.9	ft amsl					
HC-001-D	2/22/2023	Water Elevation	NA	265.59	ft amsl					
HAA-011-D	2/22/2023	Water Elevation	NA	264.49	ft amsl					
HAA-009-D	9/13/2023	Water Elevation	NA	263.36	ft amsl					
HAA-009-D	2/22/2023	Water Elevation	NA	261.96	ft amsl					
HAA-021-C	9/14/2023	Water Elevation	NA	254.97	ft amsl					
HAA-010-C	9/12/2023	Water Elevation	NA	253.79	ft amsl					
HAA-007-C	9/12/2023	Water Elevation	NA	253.78	ft amsl					
HAA-002-C	9/12/2023	Water Elevation	NA	253.43	ft amsl					
HAA-020-C	9/13/2023	Water Elevation	NA	253.39	ft amsl					
HAA-010-B	9/12/2023	Water Elevation	NA	252.75	ft amsl					
HAA-021-C	2/27/2023	Water Elevation	NA	252.37	ft amsl					
HAA-007-C	2/21/2023	Water Elevation	NA	251.85	ft amsl					
HAA-008-C	9/12/2023	Water Elevation	NA	251.85	ft amsl					
HAA-007-B	9/12/2023	Water Elevation	NA	251.69	ft amsl					
HAA-002-C	2/21/2023	Water Elevation	NA	251.4	ft amsl					
HAA-009-C	9/12/2023	Water Elevation	NA	251.33	ft amsl					
HAA-010-C	2/22/2023	Water Elevation	NA	251.3	ft amsl					
HAA-020-C	2/22/2023	Water Elevation	NA	250.96	ft amsl					
HAA-008-B	9/12/2023	Water Elevation	NA	250.95	ft amsl					
HAA-011-B	9/12/2023	Water Elevation	NA	250.81	ft amsl					
HAA-004-C	9/12/2023	Water Elevation	NA	250.4	ft amsl					
HAA-002-B	9/12/2023	Water Elevation	NA	250.35	ft amsl					
HAA-001-C	2/21/2023	Water Elevation	NA	250.34	ft amsl					
HAA-010-B	2/22/2023	Water Elevation	NA	250.26	ft amsl					
HAA-011-C	9/12/2023	Water Elevation	NA	250.02	ft amsl					
HAA-009-B	9/12/2023	Water Elevation	NA	249.98	ft amsl					
HAA-002-B	2/21/2023	Water Elevation	NA	249.94	ft amsl					
HAA-004-B	9/12/2023	Water Elevation	NA	249.87	ft amsl					
HAA-008-C	2/21/2023	Water Elevation	NA	249.85	ft amsl					
HAA-007-B	2/21/2023	Water Elevation	NA	249.82	ft amsl					
HAA-012-B	9/13/2023	Water Elevation	NA	249.81	ft amsl					
HAA-012-C	9/13/2023	Water Elevation	NA	249.73	ft amsl					
HAA-009-C	2/22/2023	Water Elevation	NA	249.33	ft amsl					
HAA-001-C	9/12/2023	Water Elevation	NA	249.12	ft amsl					
HAA-008-B	2/21/2023	Water Elevation	NA	248.95	ft amsl					
HAA-013-C	9/13/2023	Water Elevation	NA	248.78	ft amsl					
HAA-011-B	2/22/2023	Water Elevation	NA	248.52	ft amsl					
HAA-013-B	9/13/2023	Water Elevation	NA	248.09	ft amsl					
HAA-009-B	2/22/2023	Water Elevation	NA	248.08	ft amsl					
HAA-004-C	2/21/2023	Water Elevation	NA	247.99	ft amsl					
HAA-011-C	2/22/2023	Water Elevation	NA	247.65	ft amsl					
HAA-004-B	2/21/2023	Water Elevation	NA	247.46	ft amsl					
HAA-012-B	2/22/2023	Water Elevation	NA	247.41	ft amsl					
HAA-012-C	2/22/2023	Water Elevation	NA	247.28	ft amsl					
HAA-014-C	9/13/2023	Water Elevation	NA	247.24	ft amsl					
HAA-014-B	9/13/2023	Water Elevation	NA	246.77	ft amsl					
HAA-015-C	9/13/2023	Water Elevation	NA	246.39	ft amsl					
HAA-013-C	2/22/2023	Water Elevation	NA	246.18	ft amsl					
HAA-015-B	2/22/2023	Water Elevation	NA	246.04	ft amsl					
HAA-015-C	2/22/2023	Water Elevation	NA	245.93	ft amsl					
HAA-015-B	9/13/2023	Water Elevation	NA	245.89	ft amsl					
HAA-013-B	2/22/2023	Water Elevation	NA	245.7	ft amsl					
HAA-014-C	2/22/2023	Water Elevation	NA	244.89	ft amsl					
HAA-017-C	9/13/2023	Water Elevation	NA	244.78	ft amsl					
HAA-014-B	2/22/2023	Water Elevation	NA	244.54	ft amsl					
HAA-017-C	2/23/2023	Water Elevation	NA	244.42	ft amsl					
HAA-018-C	9/13/2023	Water Elevation	NA	241.88	ft amsl					
HAA-018-C	2/23/2023	Water Elevation	NA	240.48	ft amsl					
HAA-019-C	9/13/2023	Water Elevation	NA	236.98	ft amsl					
HAA-019-C	2/22/2023	Water Elevation	NA	235.52	ft amsl					
HAA-001-A	9/12/2023	Water Elevation	NA	179.6	ft amsl					
HAA-001-A	2/21/2023	Water Elevation	NA	179.4	ft amsl					

Bold indicates result exceeds the MCL/RSL/PRG, results qualified with a "U" are not bolded because the analyte was not detected.
a-Regional Screening Level b-Preliminary Remediation Goal