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Scoping Summary for the General Separations Area Western Groundwater Operable Unit (U)

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Savannah River Nuclear Solutions, LLC
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KEY CHANGES TO THE SCOPING SUMMARY

Section	Description of Change	Rationale for Change
4.1 and 4.2	Revised sections to include results from 2024 GW sampling.	These changes update the Scoping Summary to include results from sampling in 2024.
Figures	Figures were updated based on the results of 2024 GW sampling.	These changes update the Scoping Summary with sampling results from 2024.
Appendix B	Data table was updated with the results of 2024 GW sampling.	These changes update the Scoping Summary with sampling results from 2024.

RECORD OF CORE TEAM AGREEMENTS

Agreement	Meeting
Core Team agreed to increase sample frequency from annual to quarterly for wells FGW005C, FGW022C and FBP 43C. Wells will be sampled for gross alpha and nonvolatile beta. If trigger levels are exceeded (15 pCi/L gross alpha and 50 pCi/L nonvolatile beta), then the appropriate alpha, beta and/or gamma spectroscopy will be performed.	June 2024
Core Team agreed to add a surface water monitoring location on Waterfall Creek to be sampled annually for nitrates, gross alpha, and nonvolatile beta.	June 2024
Core Team agreed to verify the status of sixteen (16) legacy wells near F-Canyon. Due to questionable integrity, the wells that have not been previously abandoned will be abandoned.	June 2024
Core Team agreed to transition to annual sampling for locations FGW-023 and FGW-024.	October 2017
Locations FGW-023 and FGW-024 will be sampled at least 2 more times and results will be discussed in the 2016 Scoping Summary. Continued monitoring of these locations will be evaluated.	September 2015
Technetium-99 will be added to the analyte list for the South plume.	September 2014
Sampling data (one event) for new locations, FGW-023 and FGW-024, will be included in the final Scoping Summary for 2014.	September 2014
At the South plume, the Core Team agreed to move forward with installation of one surface water sample station and one shallow seepline piezometer on a tributary to the west of the Biomass Facility. The need for additional monitoring points will be evaluated based on monitoring results.	August 2013
Sampling of established wells will be performed annually. New monitoring locations added to the OU will be sampled semi-annually until a baseline is established.	August 2013
As documented in the GSA Eastern and Western GW OUs GW Monitoring Optimization White Paper, SRNS-RP-2012-00783, Rev. 1, January 2014, the Core Team agreed to discontinue monitoring at wells FNB-3, FNB-12, FBP-13D, FBP-44D, FBP-46D, FBP-47D, BRR-5D and UTR-7.	August 2013
As documented in the GSA Eastern and Western GW OUs GW Monitoring Optimization White Paper, SRNS-RP-2012-00783, Rev. 1, January 2014, the Core Team agreed to add alpha and beta/gamma speciation to analyte list for well FGW005C.	August 2013
The Core Team recognized the difficulty of installing a new well down gradient of UTR-18R and agreed that a new well is not needed at this time as long as SRS continues to monitor water at the seep in well UTR-18R.	August 2013
Add one monitoring well in the lower aquifer zone down gradient of FGW-012C, if possible.	August 2012
Add one seepline and one surface water monitoring location down gradient of FGW-012C along unnamed tributary, if surface water is present.	August 2012
Data are being collected and reported for future evaluation of VOC degradation as a remedial alternative.	August 2011
The Core Team agreed to include information on wells FBP 44D, 46D, and 47D in the August 2011 Scoping Summary instead of submitting the February 2011 white paper that was agreed to during the June 2010 meeting.	August 2011

RECORD OF CORE TEAM AGREEMENTS (CONTINUED)

Agreement	Meeting
FBP 44D, FBP 46D, and FBP 47D can be dry during periods of lower water table. This could represent a data gap if the UTR 18R seepline piezometer is also dry (monitors the same aquifer zone). UTR 18R typically contains water. Historical data associated with the dry wells will be evaluated with respect to contaminants to determine if modifications to the well network are necessary to define plume extent. The evaluation will be reported in February 2011 as a white paper.	June 2010

1.0 PROJECT PHASE AND STATUS

The *Resource Conservation and Recovery Act (RCRA) Facility Investigation (RFI)/Remedial Investigation (RI) Phase 1 Work Plan for the General Separations Area (GSA) Western Groundwater Operable Unit (OU)*, Revision 1.1, was approved by the United States Environmental Protection Agency (USEPA) and by the South Carolina Department of Environmental Services (SCDES[1]) on September 9, 2004. A Field Start was achieved for the OU on September 20, 2004.

In 2007, SRS completed establishment of the groundwater (GW) monitoring network. The GSA Western GW OU is currently in a GW monitoring program. The purpose of this Scoping Summary is to present the analytical data obtained in 2024 from GW monitoring to the Core Team (i.e., representatives from the United States Department of Energy [USDOE], USEPA, and SCDES) to determine if the monitoring network and analytical suite remain appropriate for continued monitoring. In 2024, concentrations have remained consistent with results from prior sampling except for nonvolatile beta at FGW 005C. Continued sampling of the GW monitoring is recommended, including the agreed upon increase in sampling frequency at three wells (FGW 005C, FGW 022C and FBP 43C) to monitor plume movement downgradient and to better understand the trend of nonvolatile beta concentrations at FGW 005C. Overall, except for nonvolatile beta in the western plume, the GW plumes remain stable with respect to concentrations and extent, and surface waters are not above maximum contaminant limits (MCLs).

[1] South Carolina Department of Environmental Services (SCDES) was known as South Carolina Department of Health and Environmental Control prior to July 1, 2024.

2.0 BACKGROUND

The GSA is located on a topographic ridge near the center of the SRS. The GSA Western GW OU is in the northwest portion of the GSA on a GW divide. It encompasses the GW beneath approximately (~) 485.6 hectares (ha [1,200 acres {ac}]) in F Area. This OU is bordered to the south by the F-Area Hazardous Waste Management Facility and to the east by the Mixed Waste Management Facility (see Figure 1). Because the OU is located on a GW divide, shallow GW flows toward both Fourmile Branch and Upper Three Runs Creek (UTRC) (see Figure 2).

The GSA Western GW OU underlies many operating facilities and waste units in and around F Area that are potential sources of contamination. Some of these facilities and units have been investigated during previous RCRA RFI/RI characterization work. From these investigations and from review of the existing monitoring well networks, three distinct GW plumes have been identified in the Upper Three Runs Aquifer (UTRA). The plumes are identified by geographic reference as the North plume, the West plume, and the South plume.

Some of the facilities in the area are undergoing deactivation and decommissioning and will be brought to closure in the near term. Because other facilities will remain active into the future, in September 2005, the Core Team determined:

- It is not appropriate to achieve a Record of Decision (ROD) on the GSA Western GW OU until all sources of potential contamination are brought to closure (including closure of the F-Area High Level Waste Tanks).

- The most appropriate action at this time is continued GW monitoring to ensure that surface water resources are adequately protected.

- If contamination in the GW is thought to represent a threat to surface water resources, the Core Team will reconvene to determine if early response actions are required.

SRS characterized the nature and extent of GW contamination. The primary GW contaminants are volatile organic compounds (VOCs), radionuclides, and nitrate. Tritium, iodine-129, and trichloroethylene (TCE) are sporadically above MCLs in GW at points of discharge at the seeplines. However, concentrations in adjacent surface water are consistently below MCLs.

3.0 LAND USE

The area encompassed by the GSA Western GW OU is heavily developed with many active industrial facilities. No future residential use of this area is anticipated. Land use of the entire GSA Western GW OU area will be controlled to prevent use of the GW that exceeds MCLs. The UTRA and Gordon Aquifer (GA) are not used as a drinking water source at SRS.

4.0 SUBUNITS

The GSA Western GW OU includes the following two subunits:

- GW (i.e., North Plume, West Plume, South Plume), including shallow GW discharging to surface at the seeplines, and
- Surface Water.

In September 2005, the Core Team determined that soil contamination from the potential source units will be addressed during closure of the individual waste units and operating facilities.

4.1 GW Subunit

The UTRA is the shallow-most aquifer beneath the GSA Western GW OU and consists of two aquifer zones; the Upper Aquifer Zone (UAZ) and the Lower Aquifer Zone (LAZ). The GA underlies the UTRA and is separated from the UTRA by the Gordon Confining Unit (GCU). Contamination is present only in the UTRA. Previous investigations have demonstrated that within the GSA Western GW OU, the GA is protected by a competent confinement unit (e.g., GCU) and contamination is not migrating into the aquifer.

In 2024, the GSA Western GW OU was under a GW monitoring program that consisted of sampling 31 out of 33 monitoring wells, four out of four shallow sampling points at the seeplines (i.e., seepline piezometers), and three out of four surface water sampling stations (Table 1 and Figure 2). Sampling of the monitoring network is performed annually for established wells except for the wells associated with the F-Area Retention Basin (281-3F) and sampling associated with nonvolatile beta at well FGW 005C. F-Area Retention Basin wells FRB1, FRB2, FRB3, and FRB4 are sampled semi-annually according to the F-Area Retention Basin ROD. In June 2024, the Core Team agreed to increase the sampling frequency to quarterly at wells FGW 005C, FGW 022C, and FBP 43C to monitor plume movement downgradient and to better understand the trend of nonvolatile beta concentrations at FGW 005C. The Core Team also agreed to establish a surface water monitoring location (UTR-002-FOU) on Waterfall Creek to be sampled annually. UTR-002-FOU will be sampled for the first time in 2025. New wells for the GSA Western GW OU are sampled semi-annually until a baseline is established in accordance with Table 1. The results from the 2024 monitoring of the well network are discussed below for the North, West, and South plumes. The analytical data for 2024 are presented in Appendix B.

Since 2011, all locations in the North and West plumes have been sampled for TCE and degradation products. This is necessary to ensure that sufficient data are available to evaluate natural attenuation as a future remedial action. Cis-1,2-dichloroethylene has been detected in the GW in the West plume in the past; however, concentrations were very low and below the laboratory analytical quantitation limit (i.e., 1 microgram per liter [µg/L]). In 2024, Cis-1,2-dichloroethylene was non-detect (less than detection limit 0.3 µg/L) in all but three wells (FBP 43DL [0.42 J µg/L], FBP 2A [0.5 J µg/L], and FBP 6D [0.66 J µg/L]). Vinyl chloride was non-detect in every well in the North and West plumes during 2024.

GW contaminants in the UTRA include VOCs, radionuclides, and nitrate. Tritium, TCE, and nonvolatile beta are recognized as the most widespread contaminants in the GW at the OU and thus are mapped each year. Other constituents are co-mingled with these primary contaminants. For example, TCE is the primary chlorinated solvent present, yet the plume

typically also contains limited quantities of tetrachloroethylene (PCE) and trichlorofluoromethane (TCFM) co-located with the TCE. Tritium and nonvolatile beta are the most widespread radioactive contaminants; however, other radionuclides, such as iodine-129, strontium-90, and uranium-238, are also co-located within these plumes. Thus, mapping of the primary contaminants is useful to evaluate the distribution and nature of the plumes from year to year.

North Plume 2024

The North plume covers an area of ~20.2 ha (50 ac) on the north side of the F-Area industrial facilities. Within this portion of the OU, the water table and the plume are located completely within the LAZ of the UTRA. GW flow in this aquifer is north toward UTRC and its tributaries. In 2024, GW samples were collected from two out of four wells, two seepline piezometers, and two surface water locations. Two wells (FNB 2 and FNB 5) could not be sampled due to pump failures. The pumps were replaced in the first quarter of 2025, and sampling of the wells was reattempted shortly thereafter. The analytical data for the samples collected in the first quarter of 2025 from FNB 2 and FNB 5 are presented in Appendix B. All locations will be sampled again in the second quarter of 2025 according to the groundwater monitoring program.

Previous investigations have shown that elevated concentrations of TCE, gross alpha, and nonvolatile beta are present to the east and north-east of the Old F-Area Seepage Basin (OFASB). In 2002, depth discrete samples measured TCE concentrations up to 85 µg/L. Elevated concentrations of gross alpha and nonvolatile beta were also detected. Sample locations from this investigation were shown in the November 2005 Scoping Summary. This area of the plume is likely sourced from within the F-Area fence line such as facilities associated with the now decommissioned Naval Fuels and the F Canyon outside facilities located on the east and north sides of the canyon building (221-F).

During the 2024 monitoring period, TCE concentrations were similar to previous years concentrations and ranged between non-detect and 10 µg/L. The maximum concentration in the North plume was detected at well FNB 15 (10 µg/L) (Figure 3). At adjacent well

FNB 13, TCE was 8.1 µg/L. TCE was below detection at all other locations in the North plume. Both PCE and TCFM were below the MCL in the North plume.

In addition to VOCs, gross alpha, nonvolatile beta, nitrate, iodine-129, strontium-90, and tritium have been present in the UTRA at levels greater than MCLs. In 2024, concentrations were similar to levels measured in 2023 and only slightly greater than respective MCLs at most locations. The maximum concentration of iodine-129 in the groundwater was measured near the OFASB at well FNB 2, the concentration of iodine-129 was 8.86 picocuries per liter (pCi/L) which was lower compared to the result in 2023. Iodine-129 was also above the MCL at wells FNB 5 and FNB 15. Tritium concentrations down gradient of the OFASB continue to decrease and are currently below the MCL as shown in Figure 4. The downward concentration trend since monitoring began in 2000 is indicative of a plume that is shrinking and a tritium source term that is depleted. The maximum concentration of nitrate was similar to last year at 20 milligrams per liter (mg/L) (FNB 15). Nitrate was also above the MCL (10 mg/L) at well FNB 13 (11 mg/L) and was below the MCL at all other North plume locations in 2024. Nonvolatile beta also exceeded its MCL (50 pCi/L) at FNB 15 (61.2 J pCi/L), and FNB 13 (54.1 J pCi/L) and strontium-90 exceeded its MCL (8 pCi/L) at FNB 2 (11.1 pCi/L), downgradient of the OFASB. In 2024, gross alpha was below its MCL (15 pCi/L) at all locations.

In 2024, shallow GW discharging at the seepline was monitored by two seepline piezometers (UTR 6 and UTR 16). Historically, tritium has been detected near or slightly above the MCL at location UTR 16, and iodine-129 has also been sporadically measured above the MCL in the past. During the 2024 sampling at UTR 6 and UTR 16, tritium (1.81 J pCi/mL and 2.47 pCi/mL, respectively) was below the MCL, and iodine-129 was non-detect at UTR 6 and UTR 16. Levels of tritium and iodine-129 were both similar to what was measured in 2023.

In accordance with the monitoring strategy, surface water samples are also collected near the points of GW discharge in 2024. Samples from surface water stations UTR-003-FOU and UTR-004-FOU had very low results for tritium, with the highest being 1.35 pCi/mL. Iodine-129 was non-detect at UTR-004-FOU but was measured above the MCL (1 pCi/L)

at UTR-003-FOU (13.1 pCi/L). The elevated iodine-129 concentration at UTR-003-FOU appears to be an anomalous result, as iodine-129 at the seeplines was below detection (1.0 pCi/L). In addition, since 2008 when monitoring began at UTR-003-FOU, iodine-129 results have been either non-detect or less than the analytical quantification limit suggesting, at a minimum, the 2024 result requires confirmation. SRS will continue to monitor iodine-129 in surface water at the North plume.

Overall, the 2024 results were similar to 2023 results. The data continue to indicate that the plume remains stable to decreasing with respect to extent and concentrations and the North plume is not impacting this tributary to UTRC. The results are presented in Appendix B.

West Plume 2024

The West plume occupies ~26.3 ha (65 ac) on the western side of F Area. The plume is located within both the UAZ and LAZ of the UTRA. GW flow in this area is generally west toward UTRC. During 2024, GW samples were obtained from all 12 wells. At the seepline, a sample was collected from piezometer UTR 18R, but surface water station UTR 005 was dry and unable to be sampled. Sampling results from the monitoring network are included in Appendix B.

Overall, the West plume is comprised primarily of VOCs (PCE, TCE, and TCFM), nitrates, and gross alpha/nonvolatile beta constituents. In 2024, the data show MCL exceedances for the following: TCE, TCFM, PCE, nitrates, gross alpha, nonvolatile beta, iodine-129, radium-226, radium-228, strontium-90, tritium, uranium-233/234, and uranium-238. VOCs and nitrates are the most widespread contaminants for the West plume. VOCs are present beneath the F-Area Burning/Rubble Pits (FBRP) (231-R, 231-1F, and 231-2F) and up gradient of the FBRP toward the F-Area facilities. The most prevalent VOCs are TCE and TCFM. The highest concentrations of TCE are located at the northwest edge of the F-Area facilities at wells FGW 003C, FGW 005C, FGW 022C, and FBP 43DL. In 2024, the maximum concentrations of TCE and TCFM occurred at wells FGW 003C (47 µg/L) and FBP 43DL (19 µg/L). TCE concentrations in this part of the

plume (wells FGW 003C, FGW 005C, FGW 022C, and FBP 43DL) have been stable to decreasing over time (Figure 5), with the exception of FGW 003C, which increased from 2015 to 2018. Since 2018, FGW 003C has shown variable TCE concentrations between samples while still showing an overall decreasing trend up to 2024.

In 2024, TCE concentrations increased at well FBP 6D to 15 µg/L but remained steady at other wells in the distal part of the plume (Figure 6). PCE concentrations (2024 maximum 9.8 µg/L) were slightly greater than the previous year's results (2023 maximum result of 5.94 µg/L). In 2024, TCFM exceeded the MCL in the distal part of the plume with a maximum concentration of 12 µg/L at well FBP 10D.

The maximum concentrations of nitrates, gross alpha, and nonvolatile beta are present adjacent to the F-Area facilities perimeter fence and the F-Area Inactive Process Sewer Line (FIPSL) at LAZ wells FGW 005C and FGW 022C. In 2024, the maximum concentration of nitrates (39 mg/L), gross alpha (1,610 pCi/L) and nonvolatile beta (669,000 pCi/L) all occurred at well FGW 005C. The nitrate and gross alpha concentrations are both within the historical range of concentrations at FGW 005C, but the nonvolatile beta concentration has been significantly above historical levels since 2022 as shown in Figure 7. Additional discussion of nonvolatile beta in the LAZ is provided below in the section *Supplemental Information for the West Plume*.

With respect to gross alpha detected in groundwater samples from FGW 005C, the specific isotopes associated with the elevated gross alpha were uranium-233/234 (343 pCi/L) and uranium-238 (1,180 pCi/L) in 2024. The beta emitting isotope present at FGW005C, in addition to strontium-90 (340,000 pCi/L), was primarily technetium-99 (512 pCi/L). Radium-228 had one result of (71,100 pCi/L). This result appears to be erroneous, as the other two results reported for this sample (one a regular sample and one a lab duplicate sample) were both non-detect for radium-228. Additionally, radium-228 has been historically low at FGW005C, and two subsequent samples have also been non-detect. The results of isotopic speciation for FGW 005C, FGW 022C and FBP 043C are included in Appendix A.

Prior to 2023, the historical maximum nonvolatile beta concentration at FGW 022C was 481 pCi/L. Nonvolatile beta at FGW 022C increased each quarter during 2024, from 558 pCi/L in 2023 to 1,800 pCi/L in the fourth quarter of 2024 (Figure 8). Strontium-90 also increased each quarter from 24.5 pCi/L in 2023 to 751 pCi/L in the fourth quarter of 2024. The increases in nonvolatile beta and strontium-90 likely indicate downgradient migration of the leading plume edge from FGW-005C. Aquifer pH at FGW-022C, a controlling factor of strontium solubility, is maintaining at historical levels around 4 whereas the pH upgradient at FGW-005C has recently been as low as 3. Further downgradient at well FBP 043C nonvolatile beta remains within the range of historical concentrations over the past 15 years indicating the nonvolatile beta plume at upgradient FGW 005C has not impacted groundwater at FBP 043C. Historically at the West plume, the concentrations of gross alpha and nonvolatile beta attenuate rapidly with distance away from the F-Area facilities. As shown in Figure 10, the nonvolatile beta plume terminates approximately half-way between the F-Area fence line and the wetlands of UTRC. SRS will continue to monitor nonvolatile beta at FGW 005C and downgradient monitoring locations to ensure migration of contaminants pose no threat to surface water.

Since 2006, PCE, TCE, and TCFM have been detected in GW near the seepline at piezometer UTR 18R; however, surface water samples collected at UTR-005-FOU have historically been non-detect for VOCs. In 2024, all VOCs were below MCLs in GW near the seepline at UTR 018R.

In groundwater near the seepline at UTR 018R, nonvolatile beta has historically remained below the MCL with a maximum concentration of 48 pCi/L (2013 sample) and gross alpha has never been detected above the analytical quantitation limit. However, in 2024, gross alpha and nonvolatile beta were detected above respective MCLs. Gross alpha was reported at 146 pCi/L which is anomalous as the previous result (2022 sample) was non-detect at 1.89 pCi/L. The 2024 result for nonvolatile beta (268 pCi/L) is also suspect as the previous result (2022 sample) was non-detect at 13.4 pCi/L. The 2024 sample's high turbidity (320 NTU) and gross alpha and nonvolatile beta concentrations remaining low at upgradient wells in the plume suggest that the elevated nonvolatile beta concentrations

could be due to the high turbidity of the sample, rather than an impact to groundwater at the seepline from upgradient sources. In 2025, SRS is collecting both filtered and non-filtered samples from UTR 018R to verify the 2024 gross alpha and nonvolatile beta results.

UTR 018R is located at the base of a slope in an area of localized GW seeps. At this area, the rate of GW discharge is so low that standing water is not present year-round. Also, the seepline sample point (UTR 18R) is ~182.9 meters (600 feet) from UTRC, and GW discharged to the surface typically seeps back into the ground or evaporates before reaching the creek. Downgradient of the seep piezometer, the concentration of all constituents has historically been below the MCL at surface water location UTR 005. In 2024, a sample was unable to be collected at UTR 005 because it was dry.

Overall, 2024 data continue to indicate that the plumes remain stable with respect to extent and concentrations with the exception of nonvolatile beta at FGW 005C and FGW 022C. Both the VOC and nonvolatile beta plumes terminate prior to discharging at seeps to UTRC. Continued monitoring is recommended for the West plume. Monitoring results for 2024 are provided in Appendix B.

Supplemental Information for the West Plume

This supplemental section provides additional discussion on the increased levels of nonvolatile beta observed in the LAZ at the West Plume and a management plan.

Nonvolatile beta and gross alpha were known to exist in the LAZ since at least 1996 when detected during characterization work upgradient of the FBRP. Nonvolatile beta has been present at FGW 005C since it was first sampled in 2006 (Figure 7). The concentrations from 2006 to 2013 were variable, ranging from 62.5 pCi/L to 2,540 pCi/L. Starting in 2013, the concentration of nonvolatile beta started to slowly increase at FGW 005C until 2021 when the concentration increased to 7,766 pCi/L. With this increase in nonvolatile beta, procedural changes were required to collect the next sample in 2022. The well was sampled in October 2022 and the concentrations of nonvolatile beta and strontium-90 were 938,000 pCi/L and 571,000 pCi/L, respectively. In 2024, levels of nonvolatile beta and

strontium-90 had decreased to 669,000 pCi/L and 340,000 pCi/L, respectively. Strontium-90 is the primary contributor to nonvolatile beta at FGW 005C.

The source of the increase in nonvolatile beta and strontium-90 in the groundwater at FGW 005C is currently unknown. There are few wells built to current standards inside the F-Area Facilities (Figure 9), making it difficult to assess groundwater conditions inside the facility boundary. Potential sources include the nearby process sewer lines (i.e., FIPSL and Active F-Area Process Sewer Line), the 772-F Laboratory underground waste tanks, and the 221-F Canyon and ancillary facilities. From process knowledge, all of these facilities are known to contain or have contained radioactive material or waste that included strontium-90. While all of these facilities are potential sources, considering groundwater flow direction from the potential sources and the depth of the contamination (detected in the deeper LAZ at well FGW 005C), it is more likely that the 221-F Canyon and ancillary facilities are the source rather than the other potential sources. The F Area Operable Unit (SEMS Number 88) which contains combined spills from 221-F and associated ancillary facilities is scheduled for a characterization field start in year 2035.

In late 1979, a series of wells were installed around the perimeter of the 221-F Canyon Building. All of the wells except for FCA 19D were installed prior to the establishment of standardized specifications for well construction and installation. FCA 19D was installed in 1988 in accordance with well construction standards at that time. The older wells were installed with either 4-inch or 2-inch diameter galvanized steel casing and screen. Some of the wells are screened on top of the base mat which extends out beyond the perimeter of the Canyon Building. These wells provided samples of perched water if present. Two wells slope toward the Canyon at 30 to 45 degrees from vertical. The remaining wells are located outside the Canyon building base mat and extend vertically into the water table.

In 1990, the wells around the 221-F Canyon were evaluated for effectiveness as monitoring points. Several issues were cited regarding the integrity of the wells to provide representative samples. Because of insufficient information in the construction records, it is not known how the borehole annular space was sealed around the well casing. Consequently, the wells could provide a conduit for water movement from the surface to

the subsurface along the outside of the well casing. This would be a concern particularly in areas where past or future releases occur outside of the Canyon Building. All of the wells also have issues with turbidity. It is not known if filter pack sand was placed along the screen interval to reduce turbidity levels. The water table wells are screened in a low permeability zone that yields little water. The base of the well screens penetrates less than 5 feet into the top of the water table. Elevated turbidity and lack of flow into the wells during purging hinders the collection of representative samples. Finally, it is not known if any sumps were installed below the screen zone. If sumps are not present, the short portion of the screen set into the water table may be clogged with sediment. In view of the multiple issues associated with the 1970s era wells around the Canyon Building, it is planned that these wells be abandoned. Newer well FCA 19D may provide useful samples and will remain in place.

SRS does not believe the increase in strontium-90 at FGW 005C poses an immediate threat to surface water at this time. Groundwater velocity in the LAZ is approximately 40 feet/year. The distance between FGW 005C and the Upper Three Runs seepline is approximately 3,600 feet. Assuming no retardation of strontium-90, it should take approximately 90 years for the plume at FGW 005C to reach the seepline of Upper Three Runs at UTR 018R and UTR 005 FOU. This leaves a lot of time and distance for the contamination to be attenuated naturally. The mobility of strontium-90 in groundwater increases as pH decreases below a pH of 5.5. The mobility of strontium-90 in the groundwater from the source area to well FGW 005C is enhanced by the acidic nature (pH around 3.5) of the plume. However, the Santee formation present in the LAZ contains calcareous sediments that naturally increases aquifer pH downgradient of FGW005C (pH over 7 at FBP 43C) providing ideal conditions for the natural attenuation of dissolved strontium-90. Natural attenuation of the alpha and beta constituents in the West Plume has been monitored for over 15 years and natural geochemical conditions favorable for attenuation are expected to maintain into the future.

Work Plan characterization performed in 2004 - 2005 demonstrated that the West Plume was not discharging contamination to the tributary of UTR located north of the plume

(informally named Waterfall Creek [Figure 10]) as no constituents associated with the plume were detected in surface water. The flow path of the West Plume is to the west-southwest as shown in Figure 10. However, due to the increased levels of nonvolatile beta and strontium-90 in the LAZ, SRS has evaluated Waterfall Creek for a suitable surface water monitoring location and established a station (UTR-002-FOU) for annual sample collection. The sample station is located on an area of Waterfall Creek at a low enough elevation to receive discharge from the LAZ to ensure there is no impact from the West plume to surface water. This is consistent with the OU strategy. UTR-002-FOU is planned to be sampled for the first time during the second quarter of 2025.

SRS has also increased the sampling frequency from annually to quarterly at FGW 005C and two wells downgradient (FGW 022C and FBP 43C). These three LAZ wells will be sampled for gross alpha, nonvolatile beta and speciated for alpha and beta constituents to monitor plume movement downgradient and better understand the trend of nonvolatile beta and strontium-90 concentrations at FGW 005C.

South Plume 2024

The South plume covers an area of ~22.3 ha (55 ac) on the southwest corner of F Area. The plume is located within the UAZ and LAZ of the UTRA. GW flow in this portion of the OU is generally southwest toward UTRC. During 2024, GW samples were collected from 13 wells. Analytical results are presented in Appendix B.

The South plume consists primarily of tritium and nonvolatile beta constituents. VOCs are not present at the South plume. Specific radionuclides that have been present above MCLs include iodine-129, strontium-90, radium-226, radium-228, technetium-99, and tritium. SRS believes these constituents are sourced from the FIPSL, which is included in the F-Area Hazardous Waste Management Post Closure RCRA Permit Renewal Application. Potential sources of contamination include historic releases along sections of the FIPSL. A collapsed section of the vitrified clay FIPSL is known to exist down gradient of the Tank Farm. The collapsed section is shown in Figure 2. Potential sampling locations near the

collapsed section of the FIPSL are not accessible at this time due to interferences with power lines and active steam lines.

In 2024, nonvolatile beta was the most widespread contaminant detected. It was present at levels exceeding 50 pCi/L in 4 of the 13 wells with concentrations ranging from 99.7 pCi/L (FSL 11C) to 821 pCi/L (FTF 28). Historically, the elevated concentrations have been detected in the area of wells FTF 28 and FSL 5D near the FIPSL collapsed section, and also at down gradient well FGW 12C.

In addition to nonvolatile beta activity, a few wells near the FIPSL have exceeded the MCL for iodine-129, gross alpha, nitrate, strontium-90, radium-226, radium-228, technetium-99, and tritium. In 2024, all of these analytes except for gross alpha and radium-226 exceeded the MCL in at least one well with maximum concentrations as follows: iodine-129 (26.5 pCi/L), nitrate (22 mg/L), radium-228 (7.09 pCi/L), strontium-90 (27.4 pCi/L), technetium-99 (1160 pCi/L), and tritium (127 pCi/mL). The maximum concentrations occurred in wells along or near the FIPSL, except for mobile constituents nitrate and tritium which were highest at well FGW 12C.

Overall, the 2024 data was similar to results from 2023. Monitoring results from 2024 are provided in Appendix B.

In 2024, shallow GW discharging at the surface was monitored by one seepline piezometer (FGW 023). Historically, nitrate-nitrite, gross alpha, radium-226, radium-228, nonvolatile beta, technetium-99, and tritium have all been detected, but all concentrations were very low and below MCLs. The 2024 sampling results continue to show low concentrations below MCLs in the shallow groundwater at seepline piezometer FGW 023.

Surface water samples were also collected near the point of GW discharge at FGW 024 in 2024. Nitrate-nitrite, nonvolatile beta, radium-226, technetium-99, and tritium were all detected but at very low concentrations below the MCL. Iodine-129 was detected above the MCL (1 pCi/L) at a concentration of 10.5 pCi/L. The elevated iodine-129 concentrations at FGW 024 appears to be an anomalous result as iodine-129 has never been

detected since monitoring began in 2014. In addition, iodine-129 in GW at the seepline and in upgradient wells at the FGW 012 cluster was either below detection or very low (1.65 pCi/L) in 2024. SRS will continue to monitor iodine-129 in surface water at the South plume.

The 2024 sampling results continue to indicate the South plume is not impacting this tributary to UTRC. The results are presented in Appendix B.

F-Area Retention Basin

Previously, the Core Team decided to incorporate the monitoring and reporting for the F-Area Retention Basin (FRB) (281-3F) in this report. The GSA Western GW OU monitoring network includes sampling at four wells for the FRB (FRB 1 through FRB 4). The monitoring network is shown on Figure 2 and details are provided in Table 1. The wells are sampled semi-annually according to the FRB OU ROD. Samples were collected from all wells during the second and fourth quarter in 2024. All results during 2024 were below MCLs at the FRB. The analytical data are presented in Appendix B.

4.1.1 Problem Warranting Action

- VOCs, nitrate, and radionuclides in the UTRA are present at levels that exceed the respective MCLs.
- VOCs and radionuclides have been present in GW at the seepline at levels above the MCLs.

4.1.2 Remedial Action Objectives

- Ensure that contaminants in GW do not impact surface water at levels that exceed MCLs.
- Prevent human exposure to contaminants in GW at levels that exceed MCLs.

4.1.3 Scope of Problem

- GW contaminants in the UTRA include VOCs, radionuclides, and nitrate. Tritium, TCE, and nonvolatile beta are recognized as the most widespread contaminants in the

GW at the OU. Figures 3, 10, and 11 show the distribution of these contaminants in the UTRA during 2024.

4.1.4 Likely Response Actions

- Continue monitoring the GW in the UTRA and at the seepline on an annual frequency, except for FGW 005C and two wells downgradient (FGW 022C and FBP 43C) to monitor plume movement downgradient and better understand the trend of nonvolatile beta and strontium-90 concentrations at FGW 005C.

4.1.5 Uncertainties

- There is some uncertainty regarding the potential sources of shallow GW contamination due to the number of operating facilities and waste units within the boundaries of the GSA Western GW OU. Individually and collectively, these facilities and waste sites have contaminated the shallow aquifer that underlies this GW OU. The closure of the F-Area facilities will manage the uncertainties associated with residual sources. The uncertainty regarding source areas will ultimately be addressed by the F-Area OU remedial investigation (prior to Area Closure). Until then, the impact of the combined sources on GW will be tracked by continued GW monitoring in the GSA Western GW OU. The well network for each plume area, sampling frequency, and specific analyte lists are summarized in Table 1.

4.2 Surface Water

Shallow GW within the OU discharges to surface water at the seeplines of UTRC and Fourmile Branch. The Phase 1 Work Plan specified that if GW contamination was detected at the seeplines above the MCLs, then surface water quality in the stream(s) would be evaluated. Four surface water sample locations are used to monitor water quality in the GW monitoring plan (see Figure 2). In June 2010, the Core Team agreed to sample the surface water at the same frequency as the GW.

Characterization and monitoring well data show that GW contamination exists above MCLs beneath the seepline at a few locations within the OU. At the North and West

plumes, GW at the seepline has exceeded MCLs for tritium, strontium-90, iodine-129, and VOCs in the past. In 2024, iodine-129 was detected above the MCL at surface water locations FGW 024 in the South plume and UTR-003-FOU in the North plume. At both locations the elevated iodine-129 concentrations appear to be anomalous as iodine-129 in groundwater at the seeplines was below detection. SRS will continue to monitor iodine-129 in surface water.

4.2.1 Problem Warranting Action

- No problems warranting action have been identified for surface water at the OU.

4.2.2 Remedial Action Objectives

- To date there were no confirmed MCL exceedances in surface water; therefore, remedial action objectives are not applicable at this time.

4.2.3 Surface Water Scope of Problem Warranting Action

The GSA Western GW OU contains three distinct areas of GW contamination. Since routine monitoring started in 2005, two of these plumes, the North plume and the West plume, have been above MCLs in GW near the discharge zone to the seeplines. However, GW at the seepline in the North plume and the West plume was below the MCLs for all constituents in 2024 except for nonvolatile beta at UTR 018R that appears to be due to a highly turbid sample. Historically, confirmation sampling of the surface water has demonstrated that contaminant levels have been and continue to be below MCLs in the tributaries to UTRC. In 2024, iodine-129 was detected above the MCL at surface water locations FGW 024 in the South plume and UTR-003-FOU in the North plume. The elevated iodine-129 concentrations appear to be anomalous results as iodine-129 in groundwater at the seeplines was below detection.

4.2.4 Surface Water Likely Response Actions

- Monitoring of surface water per the schedule in Table 1.

4.2.5 Uncertainties

- It is uncertain if surface water of tributaries to UTRC will be impacted by GW discharging from the North and West plumes. Historically, at some of the seepline locations contaminants have been detected above the MCL in GW. However, the associated streams continue to remain below MCLs for all contaminants. As more data is obtained, trends will be developed as necessary. This uncertainty is managed by monitoring surface water in the tributaries to UTRC. Sample locations and analytes are summarized in Table 1.

5.0 Operable Unit Strategy

- SRS will sample the monitoring network annually for contaminants of concern until there is a decision to modify the frequency. In June 2024, the Core Team agreed to increase the sampling frequency to quarterly at wells FGW 005C, FGW 022C, FBP 43C to monitor plume movement downgradient and to better understand the trend of nonvolatile beta concentrations at FGW 005C. The Core Team also agreed to establish a surface water monitoring location (UTR-002-FOU) on Waterfall Creek to be sampled annually. UTR-002-FOU will be sampled for the first time in 2025. New monitoring locations (GW and surface water) added to the GSA Western Groundwater OU will be sampled semi-annually until a baseline is established. Evaluation will be based on data trends. This information is reported in an annual update to this Scoping Summary.
- SRS will convene the Core Team annually (or as necessary) to review data; re-evaluate the well network, sampling frequency, and analyte list; assess the effectiveness of the OU logic; and decide if the monitoring strategy is still appropriate or if changes are required (including the need for immediate action).
- SRS will notify the Core Team promptly if monitoring data indicate a problem that requires immediate attention.

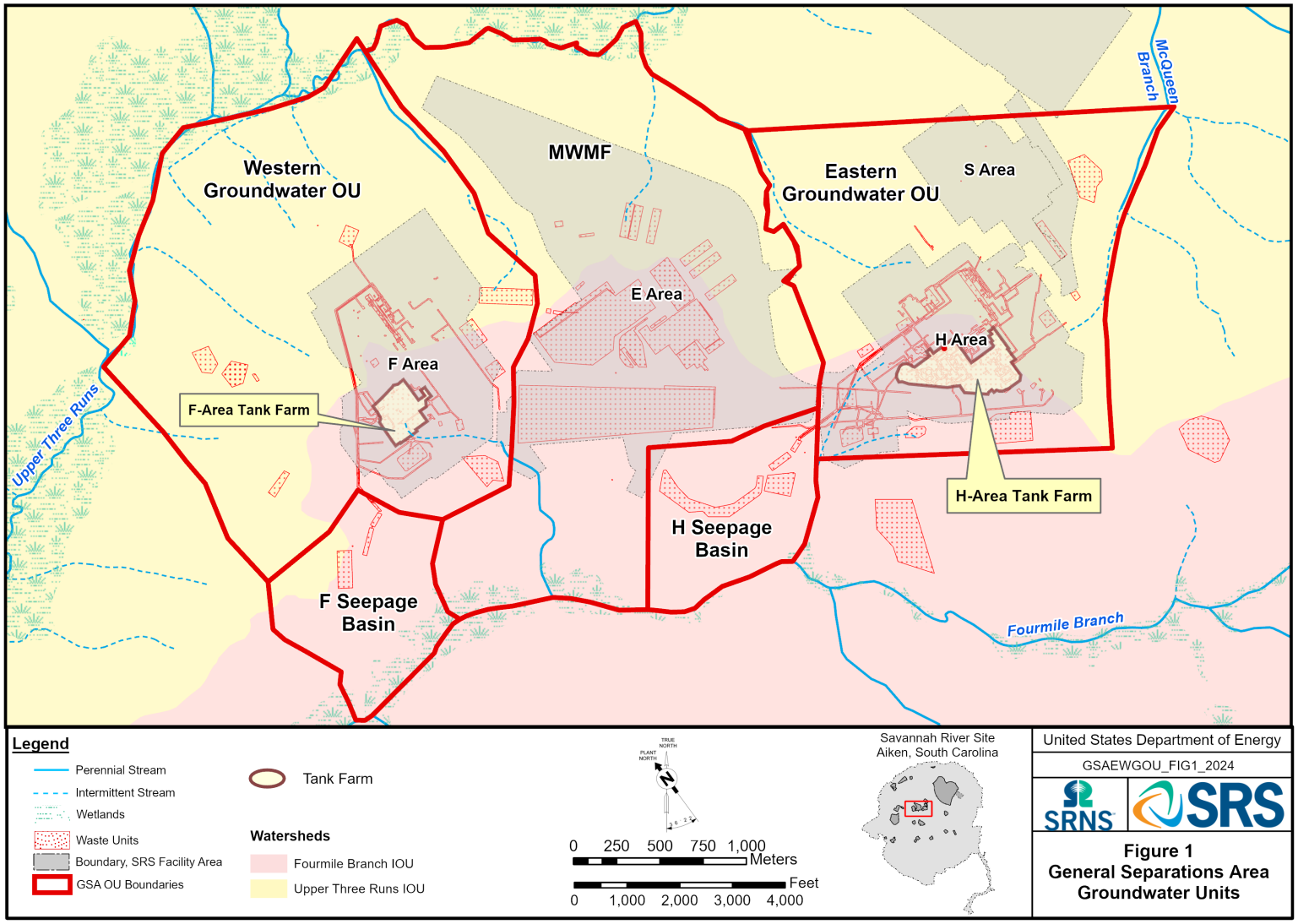

Figure 1. Groundwater Operable Units at the General Separations Area

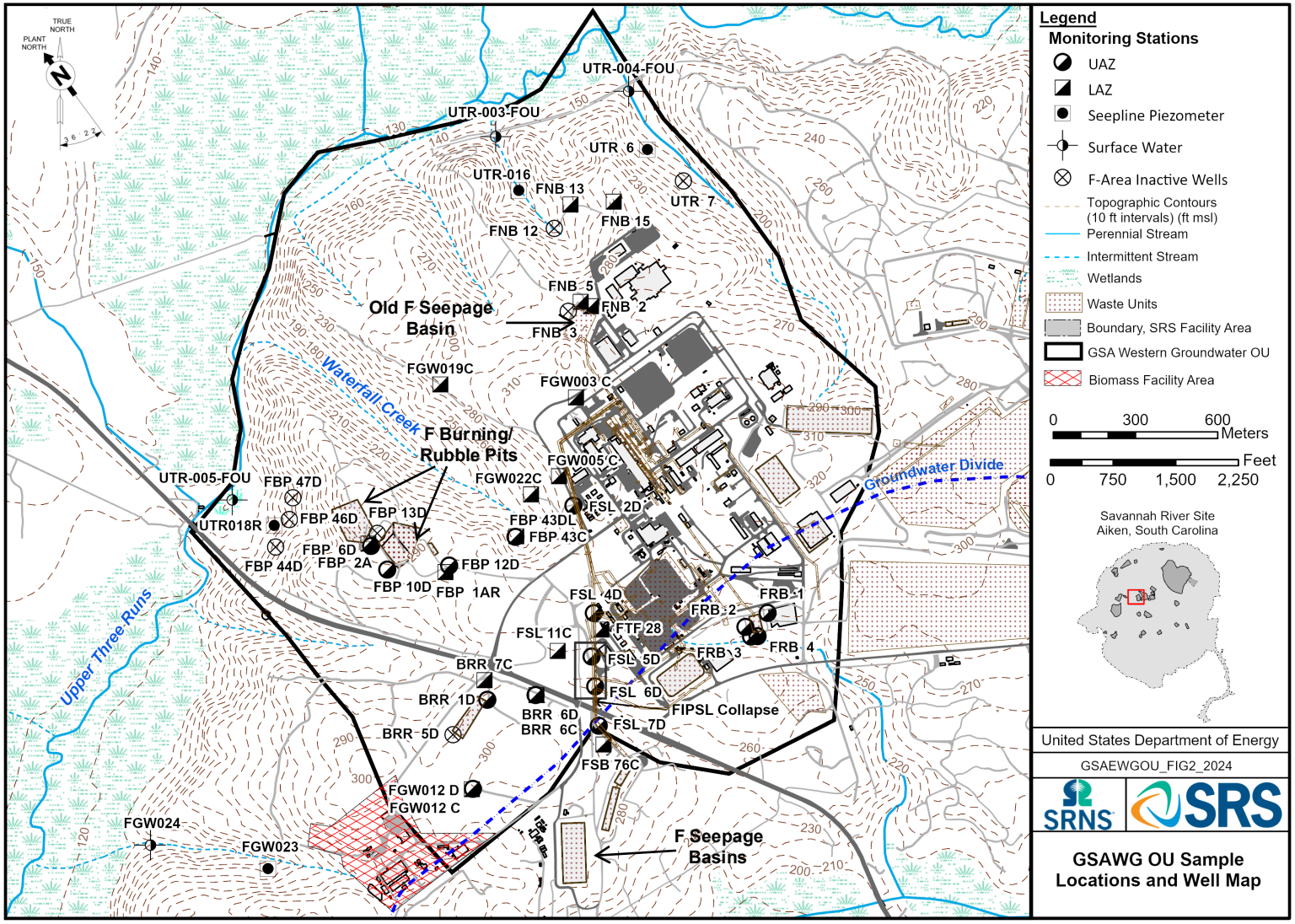

Figure 2. GSA Western Groundwater OU Sample Locations and Well Map

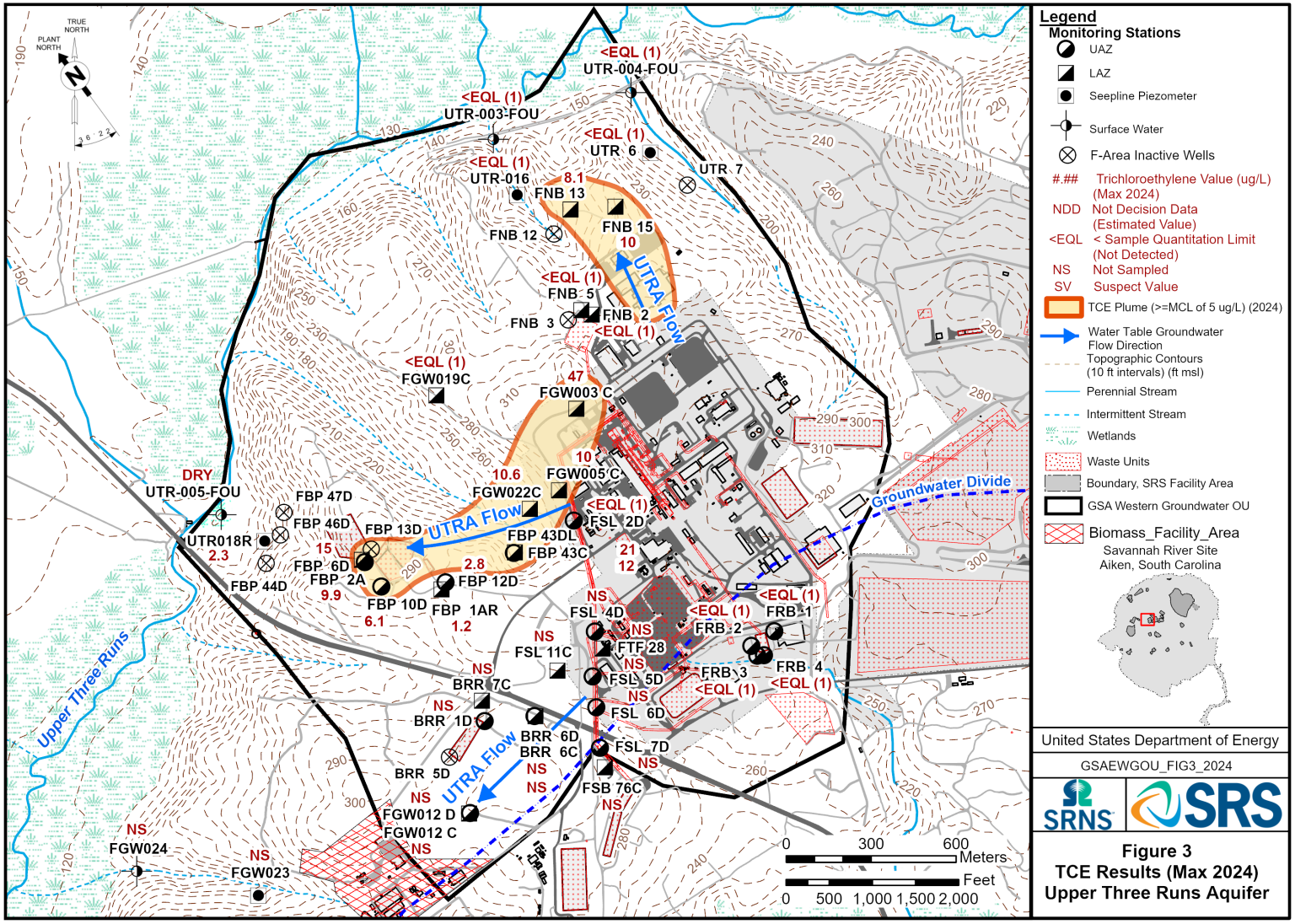

Figure 3. Trichloroethylene Results (Max 2024) Upper Three Runs Aquifer

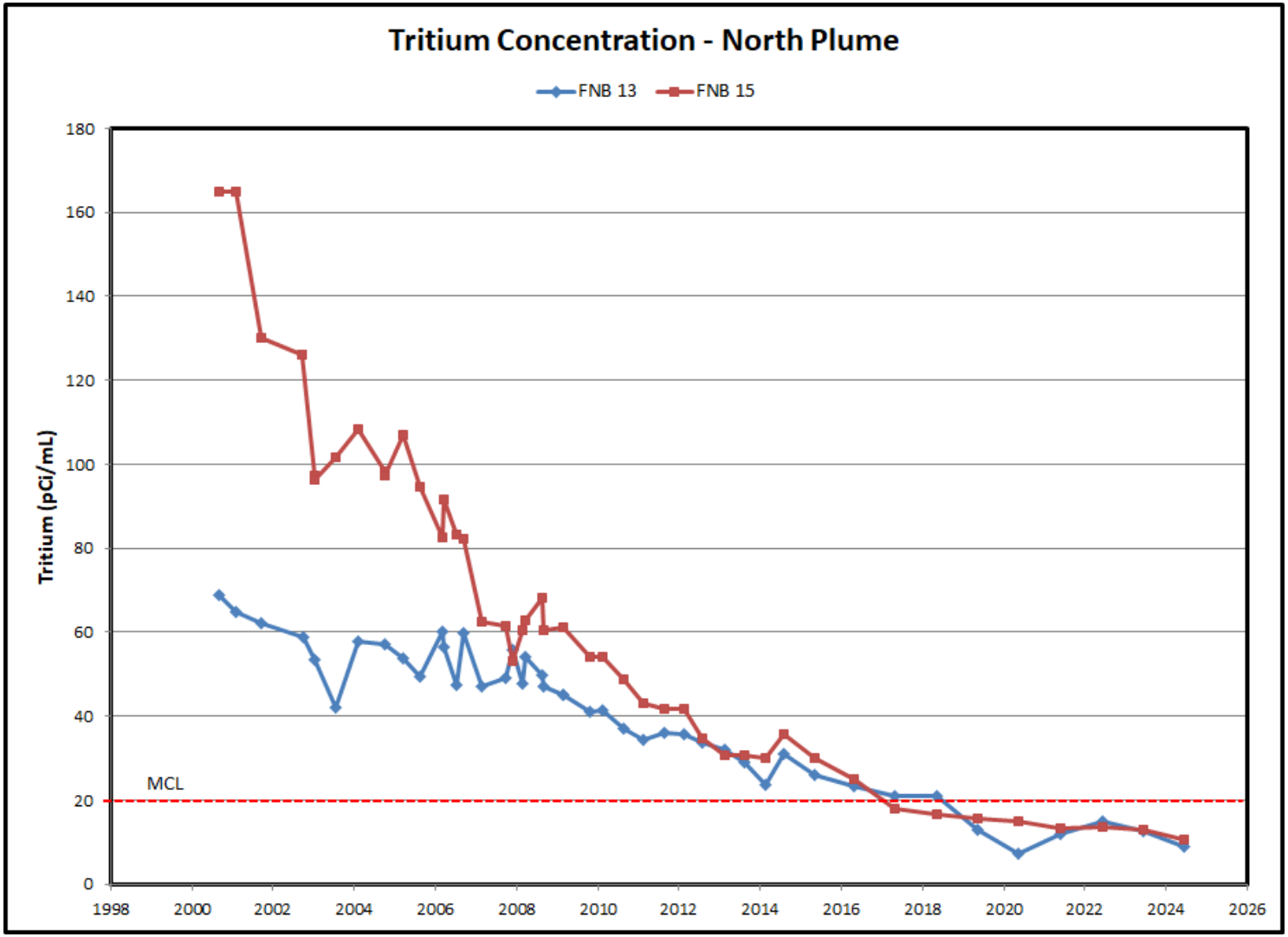

Figure 4. Tritium Concentration in the North Plume

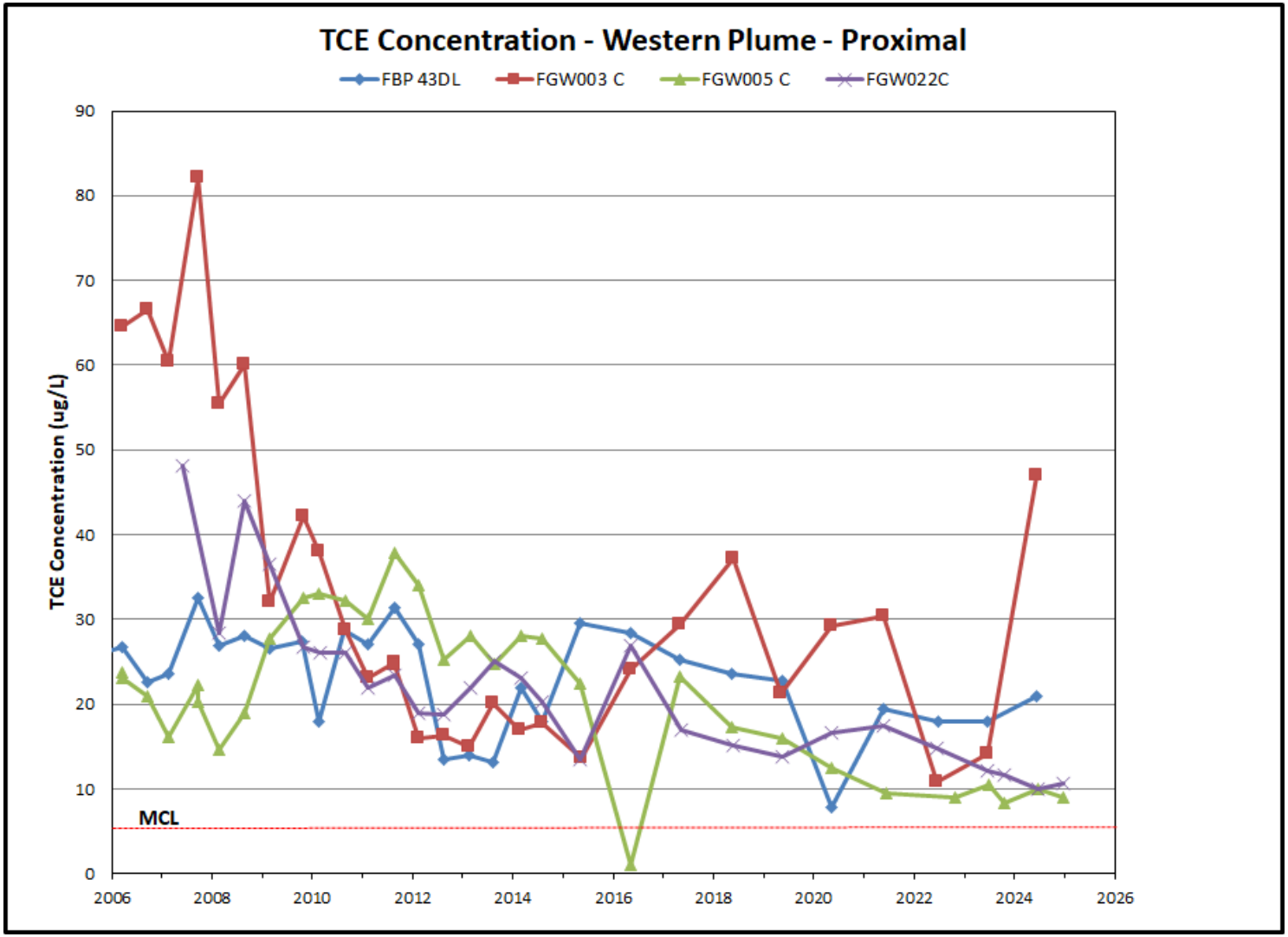

Figure 5. TCE Concentration Near the Source in the West Plume

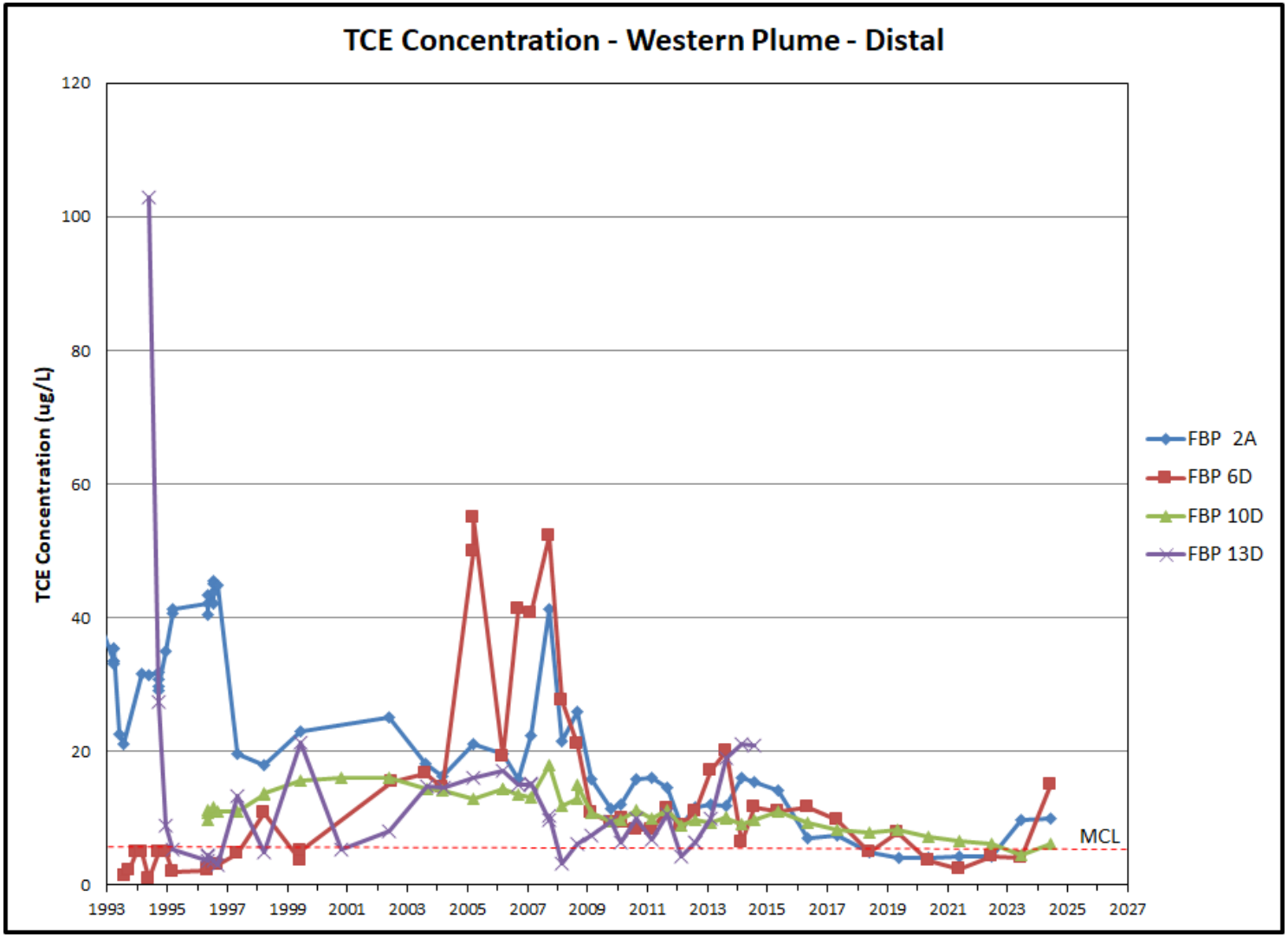

Figure 6. TCE Concentrations in the Distal Part of the West Plume

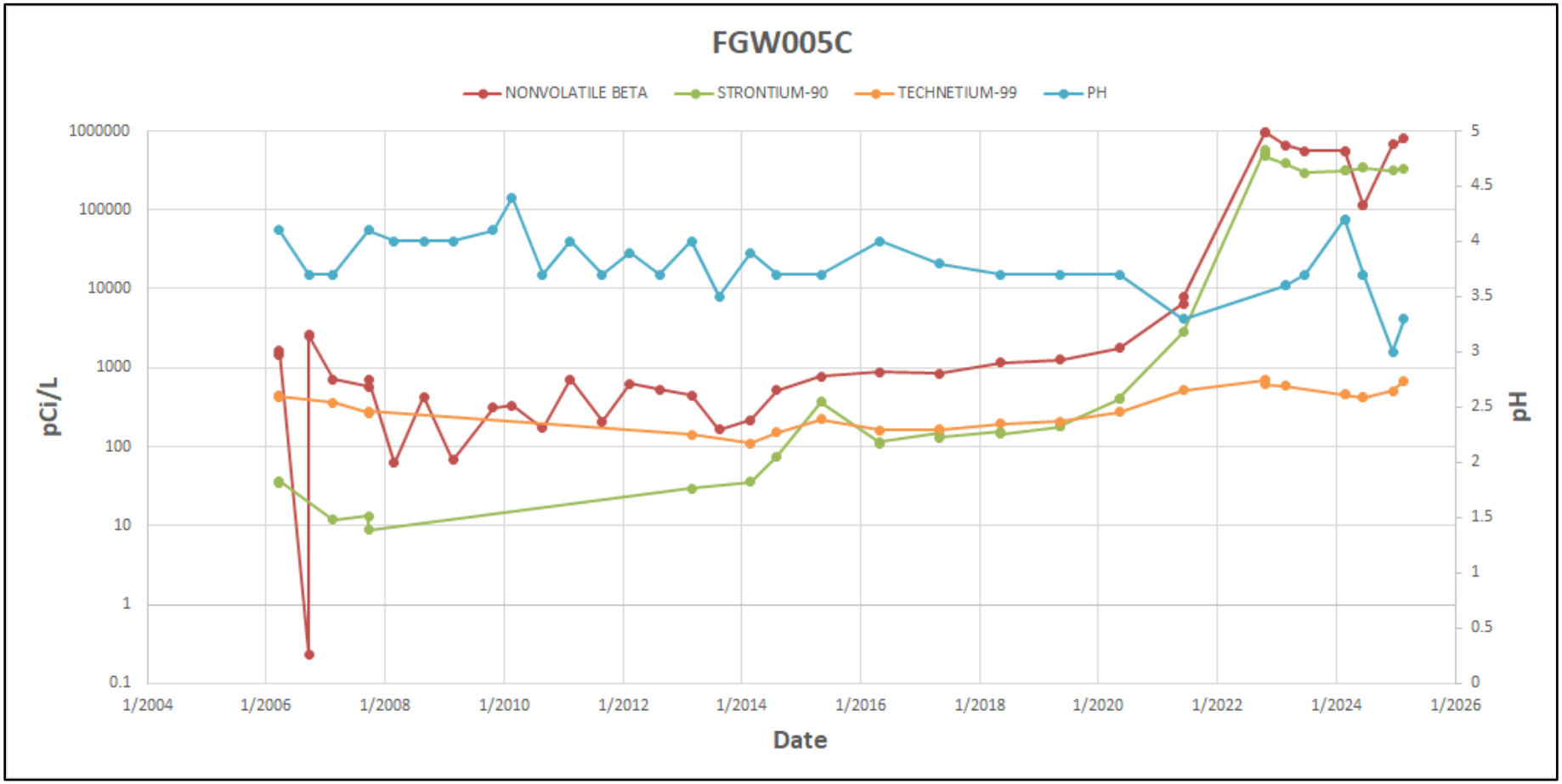

Figure 7. Nonvolatile Beta and Beta Constituent Concentrations at FGW 005C

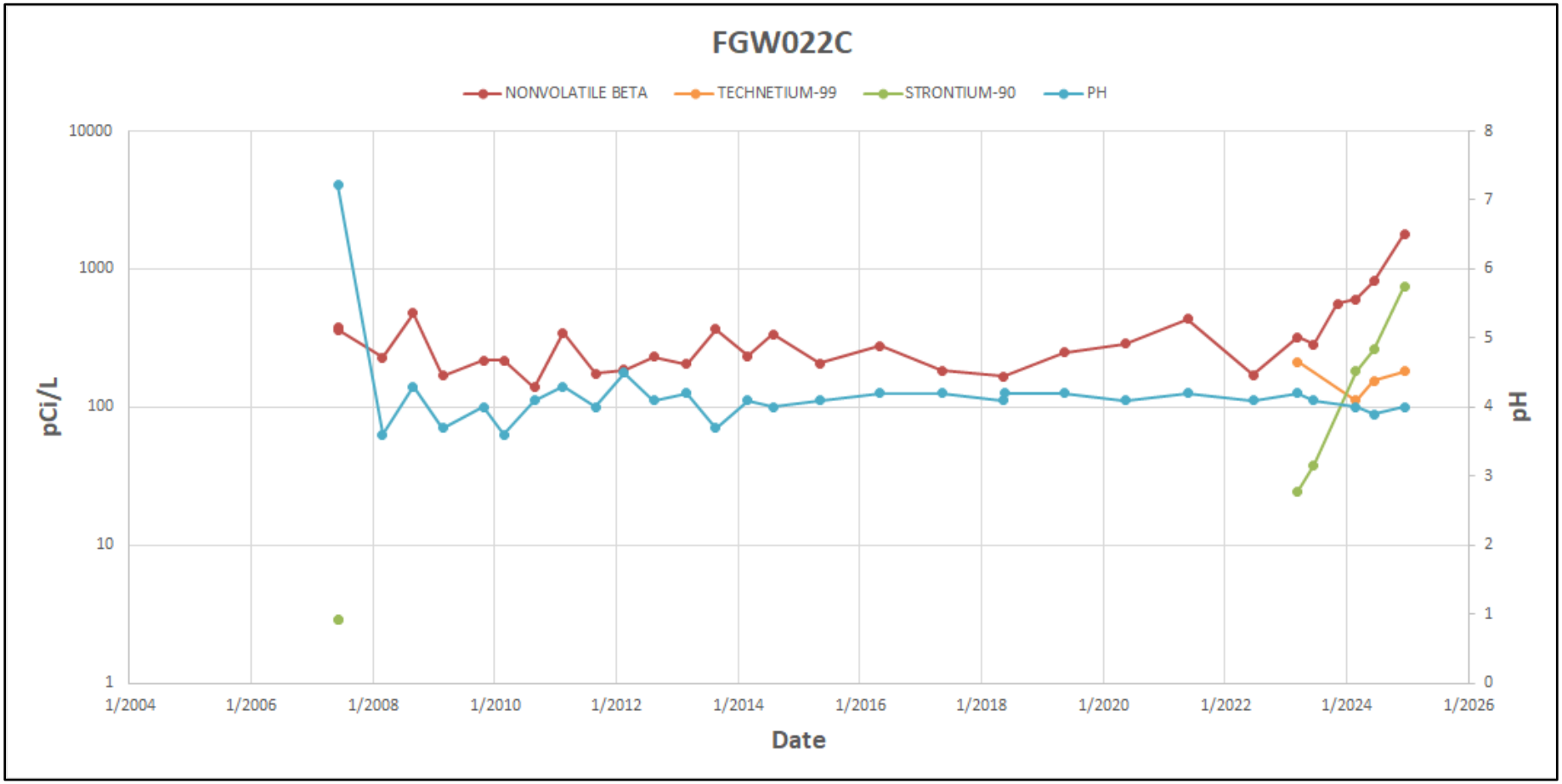

Figure 8. Nonvolatile Beta and Beta Constituent Concentrations at FGW 022C

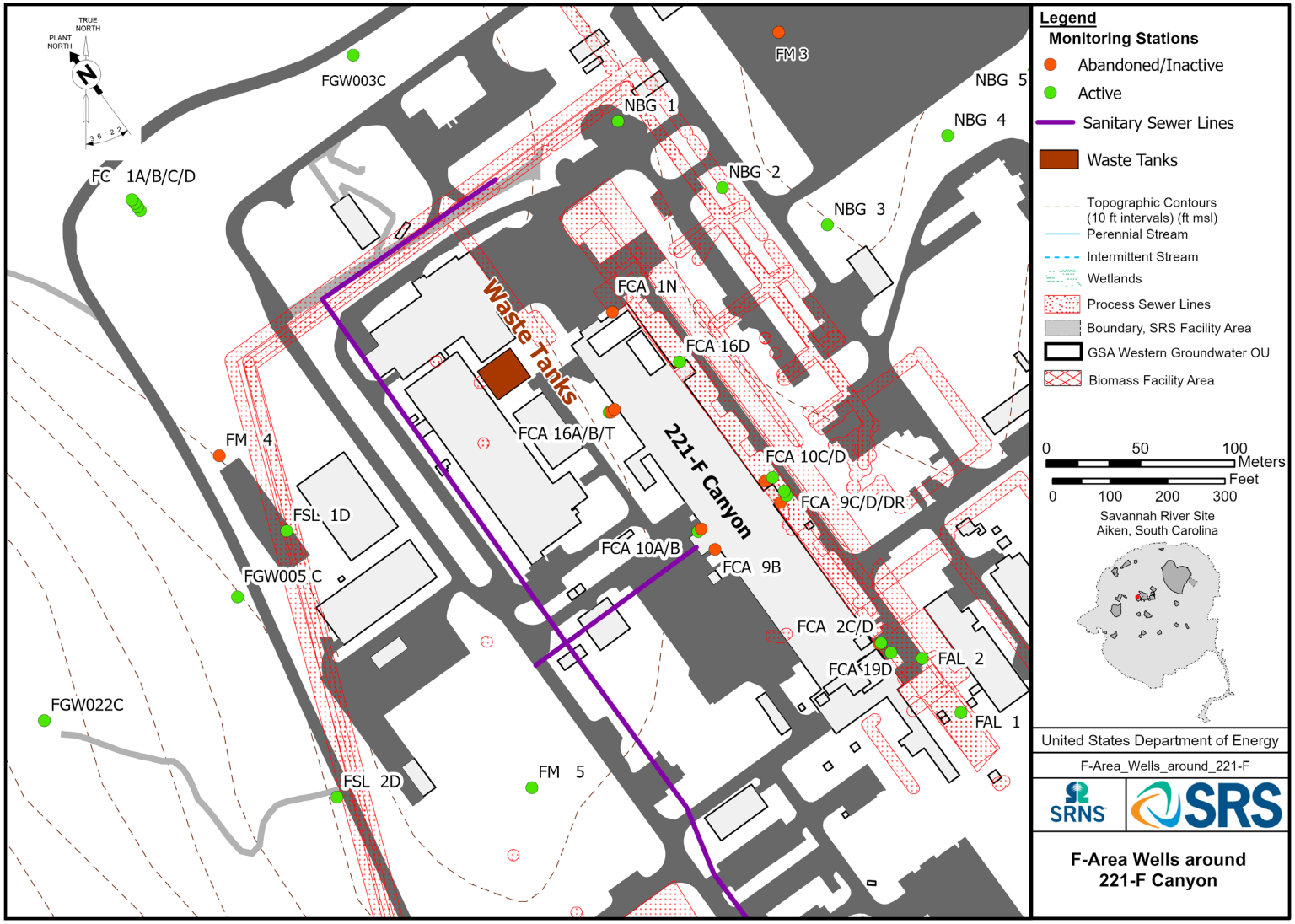

Figure 9. F-Area Wells around 221-F Canyon

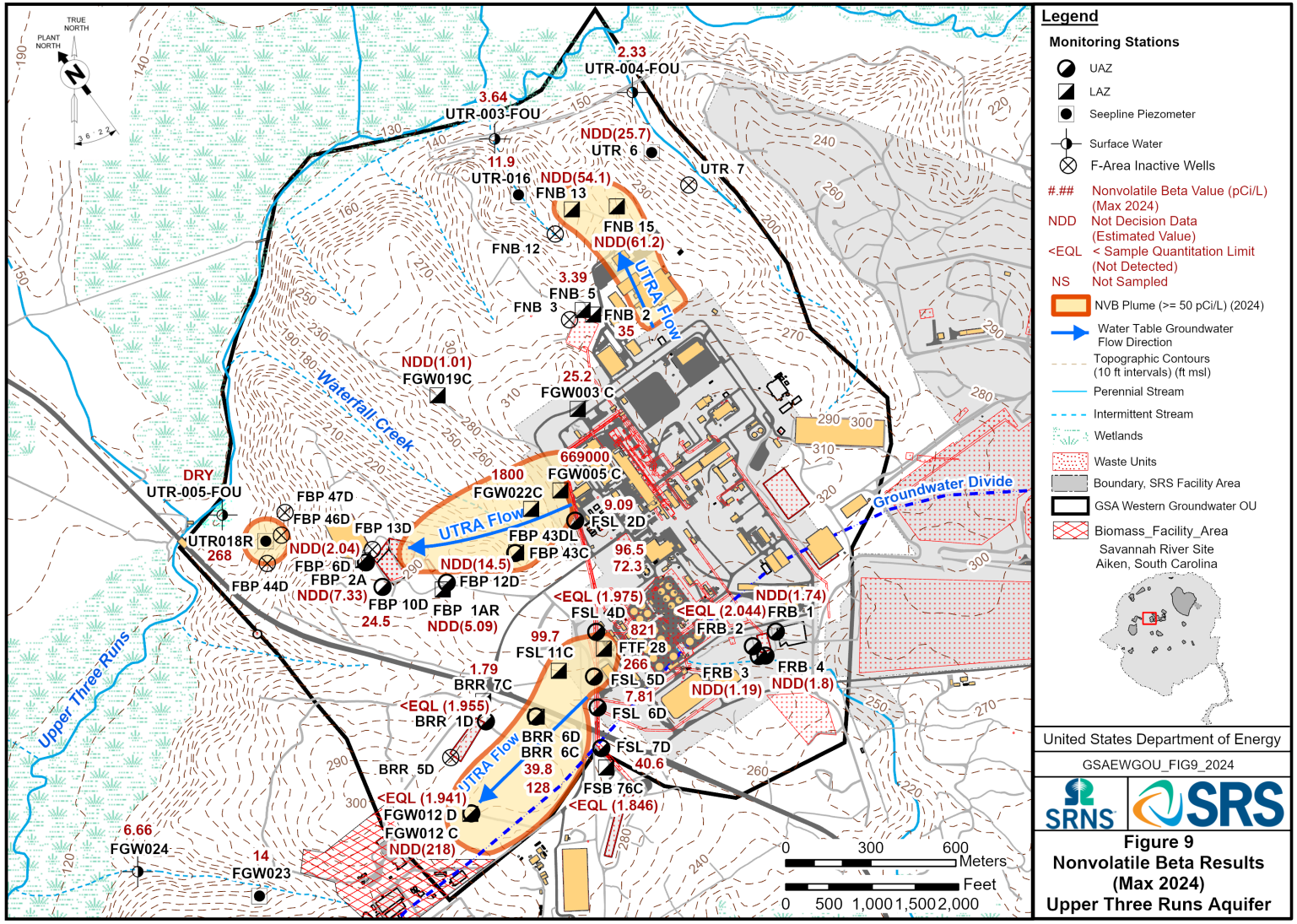

Figure 10. Nonvolatile Beta Results (Max 2024) Upper Three Runs Aquifer

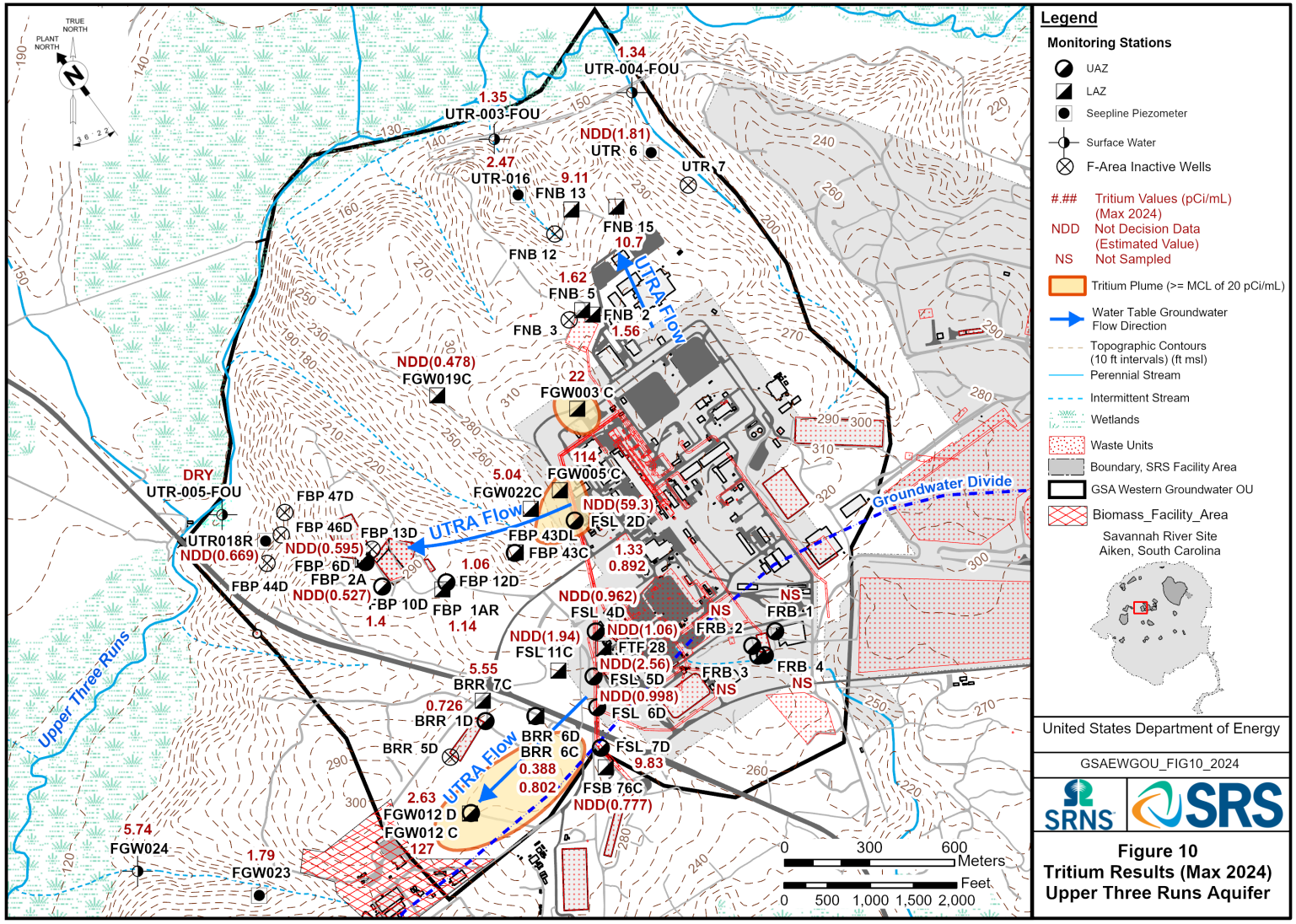

Figure 11. Tritium Results (Max 2024) Upper Three Runs Aquifer

Table 1. Monitoring Network

Plume Description	Aquifer Zone	Well ID	Analyte List
West Plume	UAZ of UTRA	FBP10D, FBP6D, FBP12D, FBP43DL, FSL2D	Nitrate, gross alpha, nonvolatile beta, tritium, and TCL VOCs, water quality parameters*
	LAZ of UTRA	FBP 1AR, FBP2A, FBP43C, FGW003C, FGW005C, FGW019C, FGW022C	Alpha and beta/gamma speciation for FGW005C, FGW022C, and FBP43C (sampled quarterly)
	Seepline/ Surface Water	UTR18R, UTR005	At surface water locations: field parameters for VOC degradation and degradation products
North Plume	LAZ of UTRA	FNB2, FNB5, FNB13, FNB15	Nitrate, gross alpha, nonvolatile beta, tritium, iodine-129, strontium-90, and TCL VOCs, water quality parameters*
	Seepline/ Surface Water	UTR16, UTR6, UTR003, UTR004	
South Plume	UAZ of UTRA	BRR1D, BRR6D, FSL4D, FSL5D, FSL6D, FSL7D, FSB76C, FGW012D	Nitrate, gross alpha, nonvolatile beta, tritium, iodine-129, radium-226, 228, strontium-90, technetium-99, uranium-233/234, 238, water quality parameters*
	LAZ of UTRA	BRR6C, BRR7C, FTF28, FSL11C, FGW012C	
	Seepline/ Surface Water	FGW024, FGW023	
F Area Retention Basin	UAZ of UTRA	FRB1, FRB2, FRB3, FRB4	Gross alpha, nonvolatile beta, cesium-137, strontium-90, radium-226, TCE, water quality parameters*

*Water quality parameters include pH, conductivity, alkalinity, and turbidity.

- Sampling of the monitoring network is performed annually for existing wells starting in 2014 except for the F-Area Retention Basin. The FRB wells are sampled semi-annually according to the ROD. New monitoring locations added to the OU will be sampled semi-annually until a baseline is established. The monitoring network was revised during the August 2013 scoping meeting based on the Monitoring Optimization White Paper, SRNS-RP-2012-00783, Rev. 1, January 2014.
- Sample locations are shown on Figure 2. FBP-45D was abandoned in 2009.

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APPENDIX A

Isotopic Speciation Results for FGW 005C, FGW 022C, and FBP 043C

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	6/13/2024	1,1,1-TRICHLOROETHANE	0.39	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,1,1-TRICHLOROETHANE	0.39	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,1,1-TRICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,1,1-TRICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,1,2,2-TETRACHLOROETHANE	0.21	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,1,2,2-TETRACHLOROETHANE	0.21	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,1,2,2-TETRACHLOROETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,1,2,2-TETRACHLOROETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.73	3.0	U	U	3	ug/L
FBP 43C	6/13/2024	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.73	3.0	U	U	3	ug/L
FBP 43C	12/18/2024	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.67	5.00	U	U	5	ug/L
FBP 43C	12/18/2024	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.67	5.00	U	U	5	ug/L
FBP 43C	6/13/2024	1,1,2-TRICHLOROETHANE	0.27	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,1,2-TRICHLOROETHANE	0.27	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,1,2-TRICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,1,2-TRICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,1-DICHLOROETHANE	0.22	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,1-DICHLOROETHANE	0.22	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,1-DICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,1-DICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,1-DICHLOROETHYLENE	0.23	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,1-DICHLOROETHYLENE	0.23	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,1-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,1-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,2,3-TRICHLOROBENZENE	1.2	4.0	U	U	4	ug/L
FBP 43C	6/13/2024	1,2,3-TRICHLOROBENZENE	1.2	4.0	U	U	4	ug/L
FBP 43C	12/18/2024	1,2,3-TRICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,2,3-TRICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,2,4-TRICHLOROBENZENE	0.58	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,2,4-TRICHLOROBENZENE	0.58	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,2,4-TRICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,2,4-TRICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DIBROMO-3-CHLOROPROPANE	0.42	5.0	U	U	5	ug/L
FBP 43C	6/13/2024	1,2-DIBROMO-3-CHLOROPROPANE	0.42	5.0	U	U	5	ug/L
FBP 43C	12/18/2024	1,2-DIBROMO-3-CHLOROPROPANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DIBROMO-3-CHLOROPROPANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DIBROMOETHANE	0.18	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DIBROMOETHANE	0.18	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DIBROMOETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DIBROMOETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DICHLOROBENZENE	0.14	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DICHLOROBENZENE	0.14	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DICHLOROETHANE (EDC)	0.28	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DICHLOROETHANE (EDC)	0.28	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DICHLOROETHANE (EDC)	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DICHLOROETHANE (EDC)	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DICHLOROPROPANE	0.24	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,2-DICHLOROPROPANE	0.24	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DICHLOROPROPANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,2-DICHLOROPROPANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,3-DICHLOROBENZENE	0.33	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,3-DICHLOROBENZENE	0.33	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,3-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,3-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,4-DICHLOROBENZENE	0.39	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	1,4-DICHLOROBENZENE	0.39	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	1,4-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	1,4-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	1,4-DIOXANE	7.4	40	U	U	40	ug/L
FBP 43C	6/13/2024	1,4-DIOXANE	7.4	40	U	U	40	ug/L
FBP 43C	12/18/2024	1,4-DIOXANE	16.7	50.0	U	U	50	ug/L
FBP 43C	12/18/2024	1,4-DIOXANE	16.7	50.0	U	U	50	ug/L
FBP 43C	6/13/2024	2-HEXANONE	0.81	5.0	U	U	5	ug/L
FBP 43C	6/13/2024	2-HEXANONE	0.81	5.0	U	U	5	ug/L
FBP 43C	12/18/2024	2-HEXANONE	1.67	5.00	U	U	5	ug/L
FBP 43C	12/18/2024	2-HEXANONE	1.67	5.00	U	U	5	ug/L
FBP 43C	6/13/2024	ACETONE	6.6	15	U	U	15	ug/L
FBP 43C	6/13/2024	ACETONE	6.6	15	U	U	15	ug/L
FBP 43C	12/18/2024	ACETONE	1.74	5.00	U	U	5	ug/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	12/18/2024	ACETONE	1.74	5.00	U	U	5	ug/L
FBP 43C	2/27/2024	ACTINIUM-228	71.1	177.3	U	U	17.1	pCi/L
FBP 43C	2/27/2024	ACTINIUM-228	37.6	106	U	U	18.8	pCi/L
FBP 43C	6/13/2024	ACTINIUM-228	50.8	127	U	U	6.67	pCi/L
FBP 43C	8/27/2024	ACTINIUM-228	55.4	121.2	U	U	-30.4	pCi/L
FBP 43C	12/18/2024	ACTINIUM-228	28.2	63.0	U	U	-4.73	pCi/L
FBP 43C	12/18/2024	ACTINIUM-228	27.2	59.8	U	U	0.898	pCi/L
FBP 43C	12/18/2024	ACTINIUM-228	37.7	83.1	U	U	10.6	pCi/L
FBP 43C	2/27/2024	AMERICIUM-241	0.186	0.3242	U	U	-0.00555	pCi/L
FBP 43C	2/27/2024	AMERICIUM-241	0.262	0.528	U	U	0.0398	pCi/L
FBP 43C	2/27/2024	AMERICIUM-241	0.302	0.586	U	U	0.02019	pCi/L
FBP 43C	6/13/2024	AMERICIUM-241	0.226	0.3992	U	U	-0.0456	pCi/L
FBP 43C	8/27/2024	AMERICIUM-241	0.129	0.2286	U	U	0	pCi/L
FBP 43C	8/27/2024	AMERICIUM-241	0.200	0.323	U	U	-0.07268	pCi/L
FBP 43C	12/18/2024	AMERICIUM-241	0.160	0.283	U	U	-0.0139	pCi/L
FBP 43C	12/18/2024	AMERICIUM-241	0.106	0.259	U	U	0.0389	pCi/L
FBP 43C	12/18/2024	AMERICIUM-241	0.139	0.339	U	U	0.0632	pCi/L
FBP 43C	2/27/2024	AMERICIUM-243	0.101	0.2592		J	0.104	pCi/L
FBP 43C	2/27/2024	AMERICIUM-243	0.103	0.1792	U	U	-0.00974	pCi/L
FBP 43C	2/27/2024	AMERICIUM-243	0.121	0.2746	U	U	0.06748	pCi/L
FBP 43C	6/13/2024	AMERICIUM-243	0.119	0.327	J	J	0.159	pCi/L
FBP 43C	8/27/2024	AMERICIUM-243	0.0321	0.1453	J	J	0.0749	pCi/L
FBP 43C	8/27/2024	AMERICIUM-243	0.0871	0.2111	U	U	0.062	pCi/L
FBP 43C	12/18/2024	AMERICIUM-243	0.256	2.01		J	6.92	pCi/L
FBP 43C	12/18/2024	AMERICIUM-243	0.153	1.68		J	6.92	pCi/L
FBP 43C	12/18/2024	AMERICIUM-243	0.151	1.78			6.93	pCi/L
FBP 43C	2/27/2024	ANTIMONY-124	27.8	42.88	U	U	0	pCi/L
FBP 43C	2/27/2024	ANTIMONY-124	36.6	46.12	U	U	-3.31	pCi/L
FBP 43C	6/13/2024	ANTIMONY-124	29.5	78.1	U	U	-7.3	pCi/L
FBP 43C	8/27/2024	ANTIMONY-124	52.0	149.8	U	U	-16.2	pCi/L
FBP 43C	2/27/2024	ANTIMONY-125	36.6	71.2	U	U	28.7	pCi/L
FBP 43C	2/27/2024	ANTIMONY-125	33.4	68	U	U	6.46	pCi/L
FBP 43C	6/13/2024	ANTIMONY-125	39.6	39.948	U	U	0.0735	pCi/L
FBP 43C	8/27/2024	ANTIMONY-125	31.5	71.3	U	U	9.96	pCi/L
FBP 43C	12/18/2024	ANTIMONY-125	16.9	33.9	U	U	3.89	pCi/L
FBP 43C	12/18/2024	ANTIMONY-125	14.1	29.0	U	U	0.218	pCi/L
FBP 43C	12/18/2024	ANTIMONY-125	19.4	41.2	U	U	-0.0883	pCi/L
FBP 43C	2/27/2024	BARIUM-133	32.4	70.6	U	U	-8.35	pCi/L
FBP 43C	2/27/2024	BARIUM-133	25.6	56	U	U	-6.4	pCi/L
FBP 43C	6/13/2024	BARIUM-133	35.8	78.2	U	U	-6.73	pCi/L
FBP 43C	8/27/2024	BARIUM-133	23.6	51	U	U	-2.69	pCi/L
FBP 43C	12/18/2024	BARIUM-133	7.19	16.1	U	U	-2.09	pCi/L
FBP 43C	12/18/2024	BARIUM-133	6.20	13.0	U	U	-1.17	pCi/L
FBP 43C	12/18/2024	BARIUM-133	9.42	21.8	U	U	-0.79	pCi/L
FBP 43C	6/13/2024	BENZENE	0.14	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	BENZENE	0.14	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	BENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	BENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	BISMUTH-212	424	722	U	U	-8.81	pCi/L
FBP 43C	2/27/2024	BISMUTH-212	237	511	U	U	-45.4	pCi/L
FBP 43C	6/13/2024	BISMUTH-212	310	676	U	U	-72.7	pCi/L
FBP 43C	8/27/2024	BISMUTH-212	184	398	U	U	-34.4	pCi/L
FBP 43C	2/27/2024	BISMUTH-214	22.6	63.4		J	37.6	pCi/L
FBP 43C	2/27/2024	BISMUTH-214	62.0	128.6	U	U	-20.5	pCi/L
FBP 43C	6/13/2024	BISMUTH-214	15.1	67.5	J	J	150	pCi/L
FBP 43C	8/27/2024	BISMUTH-214	57.3	87.7	U	U	21.3	pCi/L
FBP 43C	12/18/2024	BISMUTH-214	12.7	44.9	U	U	17.9	pCi/L
FBP 43C	12/18/2024	BISMUTH-214	11.3	27.6	U	U	11.9	pCi/L
FBP 43C	12/18/2024	BISMUTH-214	16.2	36.6	U	U	-5.18	pCi/L
FBP 43C	6/13/2024	BROMOCHLOROMETHANE	0.40	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	BROMOCHLOROMETHANE	0.40	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	BROMOCHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	BROMOCHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	BROMODICHLOROMETHANE	0.19	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	BROMODICHLOROMETHANE	0.19	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	BROMODICHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	BROMODICHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	BROMOFORM (TRIBROMOMETHANE)	0.25	2.0	U	U	2	ug/L
FBP 43C	6/13/2024	BROMOFORM (TRIBROMOMETHANE)	0.25	2.0	U	U	2	ug/L
FBP 43C	12/18/2024	BROMOFORM (TRIBROMOMETHANE)	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	BROMOFORM (TRIBROMOMETHANE)	0.333	1.00	U	U	1	ug/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	6/13/2024	BROMOMETHANE (METHYL BROMIDE)	2.4	5.0	U	U	5	ug/L
FBP 43C	6/13/2024	BROMOMETHANE (METHYL BROMIDE)	2.4	5.0	U	U	5	ug/L
FBP 43C	12/18/2024	BROMOMETHANE (METHYL BROMIDE)	0.337	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	BROMOMETHANE (METHYL BROMIDE)	0.337	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	CALIFORNIUM-249	27.6	42.9	U	U	0	pCi/L
FBP 43C	2/27/2024	CALIFORNIUM-249	22.6	48.6	U	U	-0.196	pCi/L
FBP 43C	6/13/2024	CALIFORNIUM-249	26.7	37.16	U	U	0	pCi/L
FBP 43C	8/27/2024	CALIFORNIUM-249	18.2	43	U	U	5.55	pCi/L
FBP 43C	2/27/2024	CALIFORNIUM-251	43.9	107.7	U	U	14.1	pCi/L
FBP 43C	2/27/2024	CALIFORNIUM-251	37.8	92.2	U	U	5.83	pCi/L
FBP 43C	6/13/2024	CALIFORNIUM-251	54.3	133.1	U	U	5.11	pCi/L
FBP 43C	8/27/2024	CALIFORNIUM-251	42.5	102.7	U	U	2.87	pCi/L
FBP 43C	6/13/2024	CARBON DISULFIDE	0.26	2.0	U	U	2	ug/L
FBP 43C	6/13/2024	CARBON DISULFIDE	0.26	2.0	U	U	2	ug/L
FBP 43C	12/18/2024	CARBON DISULFIDE	1.67	5.00	U	U	5	ug/L
FBP 43C	12/18/2024	CARBON DISULFIDE	1.67	5.00	U	U	5	ug/L
FBP 43C	6/13/2024	CARBON TETRACHLORIDE	0.23	1.0	J	J	0.44	ug/L
FBP 43C	6/13/2024	CARBON TETRACHLORIDE	0.23	1.0	J	J	0.42	ug/L
FBP 43C	12/18/2024	CARBON TETRACHLORIDE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CARBON TETRACHLORIDE	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	CARBON-14	11.9	26.22	U	U	3.6	pCi/L
FBP 43C	2/27/2024	CARBON-14	12.0	26.12	U	U	0.361	pCi/L
FBP 43C	2/27/2024	CARBON-14	11.8	25.86	U	U	1.742	pCi/L
FBP 43C	6/12/2024	CARBON-14	10.2	22.24	U	U	0.1201	pCi/L
FBP 43C	6/13/2024	CARBON-14		22.04	U	U	-2.16	pCi/L
FBP 43C	6/13/2024	CARBON-14	10.2	22.32	U	U	1.92	pCi/L
FBP 43C	12/18/2024	CARBON-14	67.2	146	U	U	19.7	pCi/L
FBP 43C	12/18/2024	CARBON-14	68.0	147	U	U	15.6	pCi/L
FBP 43C	12/18/2024	CARBON-14	67.5	145	U	U	7.93	pCi/L
FBP 43C	2/27/2024	CERIUM-141	19.6	42	U	U	1.58E-07	pCi/L
FBP 43C	2/27/2024	CERIUM-141	23.1	50.7	U	U	-5.36	pCi/L
FBP 43C	6/13/2024	CERIUM-141	24.4	53.4	U	U	5.42	pCi/L
FBP 43C	8/27/2024	CERIUM-141	25.5	55.7	U	U	-5.53	pCi/L
FBP 43C	2/27/2024	CERIUM-144	116	253.2	U	U	-26.1	pCi/L
FBP 43C	2/27/2024	CERIUM-144	100	217.4	U	U	-3.35	pCi/L
FBP 43C	6/13/2024	CERIUM-144	128	280.4	U	U	-24.8	pCi/L
FBP 43C	8/27/2024	CERIUM-144	95.8	154	U	U	0	pCi/L
FBP 43C	2/27/2024	CESIUM-134	17.9	39.9	U	U	8.54	pCi/L
FBP 43C	2/27/2024	CESIUM-134	27.2	35.42	U	U	-2.48	pCi/L
FBP 43C	6/13/2024	CESIUM-134	21.2	28.34	U	U	2.8	pCi/L
FBP 43C	8/27/2024	CESIUM-134	23.7	31.76	U	U	2.05	pCi/L
FBP 43C	12/18/2024	CESIUM-134	4.96	11.7	U	U	-1.75	pCi/L
FBP 43C	12/18/2024	CESIUM-134	5.70	11.6	U	U	0.555	pCi/L
FBP 43C	12/18/2024	CESIUM-134	9.69	18.8	U	U	5.5	pCi/L
FBP 43C	2/27/2024	CESIUM-137	15.8	33.62	U	U	3.75	pCi/L
FBP 43C	2/27/2024	CESIUM-137	16.2	35.24	U	U	4.91	pCi/L
FBP 43C	6/13/2024	CESIUM-137	23.6	50.4	U	U	0.099	pCi/L
FBP 43C	8/27/2024	CESIUM-137	24.7	53.7	U	U	-6.95	pCi/L
FBP 43C	12/18/2024	CESIUM-137	6.75	16.7	U	U	0.372	pCi/L
FBP 43C	12/18/2024	CESIUM-137	5.64	11.8	U	U	-0.314	pCi/L
FBP 43C	12/18/2024	CESIUM-137	7.46	15.0	U	U	1.32	pCi/L
FBP 43C	6/13/2024	CHLOROBENZENE	0.092	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	CHLOROBENZENE	0.092	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	CHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	CHLOROETHANE (ETHYL CHLORIDE)	0.64	2.0	U	U	2	ug/L
FBP 43C	6/13/2024	CHLOROETHANE (ETHYL CHLORIDE)	0.64	2.0	U	U	2	ug/L
FBP 43C	12/18/2024	CHLOROETHANE (ETHYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CHLOROETHANE (ETHYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	CHLOROFORM	0.36	1.0	J	J	0.37	ug/L
FBP 43C	6/13/2024	CHLOROFORM	0.36	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	CHLOROFORM	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CHLOROFORM	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	CHLOROMETHANE (METHYL CHLORIDE)	0.23	2.0	U	U	2	ug/L
FBP 43C	6/13/2024	CHLOROMETHANE (METHYL CHLORIDE)	0.23	2.0	U	U	2	ug/L
FBP 43C	12/18/2024	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.00	U	U	1	ug/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	6/13/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	CIS-1,3-DICHLOROPROPENE	0.16	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	CIS-1,3-DICHLOROPROPENE	0.16	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	CIS-1,3-DICHLOROPROPENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CIS-1,3-DICHLOROPROPENE	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	COBALT-57	12.1	14.74	U	U	0	pCi/L
FBP 43C	2/27/2024	COBALT-57	8.81	24.93	U	U	2.55	pCi/L
FBP 43C	6/13/2024	COBALT-57	11.0	25.14	U	U	2.36	pCi/L
FBP 43C	8/27/2024	COBALT-57	10.4	22.6	U	U	-2.23	pCi/L
FBP 43C	2/27/2024	COBALT-58	15.4	32.94	U	U	4.3	pCi/L
FBP 43C	2/27/2024	COBALT-58	21.2	46.4	U	U	-7.21	pCi/L
FBP 43C	6/13/2024	COBALT-58	19.6	42.8	U	U	-6.6	pCi/L
FBP 43C	8/27/2024	COBALT-58	14.3	31.08	U	U	4.57	pCi/L
FBP 43C	2/27/2024	COBALT-60	11.0	25.44	U	U	5.54	pCi/L
FBP 43C	2/27/2024	COBALT-60	10.5	22.2	U	U	3.25	pCi/L
FBP 43C	6/13/2024	COBALT-60	11.4	30.34	U	U	3.11	pCi/L
FBP 43C	8/27/2024	COBALT-60	13.3	24.14	U	U	1.42	pCi/L
FBP 43C	12/18/2024	COBALT-60	8.05	14.9	U	U	2.97	pCi/L
FBP 43C	12/18/2024	COBALT-60	6.99	13.6	U	U	1.4	pCi/L
FBP 43C	12/18/2024	COBALT-60	8.49	17.1	U	U	0.482	pCi/L
FBP 43C	6/13/2024	CUMENE (ISOPROPYLBENZENE)	0.16	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	CUMENE (ISOPROPYLBENZENE)	0.16	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	CUMENE (ISOPROPYLBENZENE)	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CUMENE (ISOPROPYLBENZENE)	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	CURIUM-242	0.167	0.2994	U	U	0.0068	pCi/L
FBP 43C	2/27/2024	CURIUM-242	0.153	0.308	U	U	0.0363	pCi/L
FBP 43C	2/27/2024	CURIUM-242	0.195	0.3144	U	U	-0.01319	pCi/L
FBP 43C	6/13/2024	CURIUM-242	0.163	0.2802	U	U	-0.0134	pCi/L
FBP 43C	8/27/2024	CURIUM-242	0.0953	0.1219	U	U	-0.0116	pCi/L
FBP 43C	8/27/2024	CURIUM-242	0.124	0.1658	U	U	-0.02769	pCi/L
FBP 43C	12/18/2024	CURIUM-242	0.173	0.306	U	U	-0.015	pCi/L
FBP 43C	12/18/2024	CURIUM-242	0.0715	0.168	U	U	0	pCi/L
FBP 43C	12/18/2024	CURIUM-242	0.0813	0.191	U	U	0	pCi/L
FBP 43C	2/27/2024	CURIUM-243/244	0.212	0.3244	U	U	-0.0558	pCi/L
FBP 43C	2/27/2024	CURIUM-243/244	0.238	0.409	U	U	-0.0444	pCi/L
FBP 43C	2/27/2024	CURIUM-243/244	0.262	0.59	U	U	0.1385	pCi/L
FBP 43C	6/13/2024	CURIUM-243/244	0.189	0.35	U	U	-0.00447	pCi/L
FBP 43C	8/27/2024	CURIUM-243/244	0.0864	0.1954	U	U	0.0385	pCi/L
FBP 43C	8/27/2024	CURIUM-243/244	0.174	0.287	U	U	-0.04353	pCi/L
FBP 43C	12/18/2024	CURIUM-243/244	0.201	0.331	U	U	-0.0343	pCi/L
FBP 43C	12/18/2024	CURIUM-243/244	0.105	0.195	U	U	-0.00524	pCi/L
FBP 43C	12/18/2024	CURIUM-243/244	0.137	0.242	U	U	-0.0119	pCi/L
FBP 43C	2/27/2024	CURIUM-245/246	0.0951	0.2333	U	U	0.076	pCi/L
FBP 43C	2/27/2024	CURIUM-245/246	0.103	0.2252	U	U	0.0435	pCi/L
FBP 43C	2/27/2024	CURIUM-245/246	0.116	0.2898	U	U	0.1085	pCi/L
FBP 43C	6/13/2024	CURIUM-245/246	0.147	0.3058	U	U	0.039	pCi/L
FBP 43C	8/27/2024	CURIUM-245/246	0.0829	0.1639	U	U	0.0161	pCi/L
FBP 43C	8/27/2024	CURIUM-245/246	0.137	0.2488	U	U	-0.01838	pCi/L
FBP 43C	12/18/2024	CURIUM-245/246	0.0995	0.233	U	U	0	pCi/L
FBP 43C	12/18/2024	CURIUM-245/246	0.121	0.296	U	U	0.0445	pCi/L
FBP 43C	12/18/2024	CURIUM-245/246	0.0862	0.283	U	U	0.0574	pCi/L
FBP 43C	2/27/2024	CURIUM-247	0.0836	0.2234		J	0.0878	pCi/L
FBP 43C	2/27/2024	CURIUM-247	0.0811	0.1637	U	U	0.0192	pCi/L
FBP 43C	2/27/2024	CURIUM-247	0.113	0.2342	U	U	0.0308	pCi/L
FBP 43C	6/13/2024	CURIUM-247	0.0993	0.2967	J	J	0.152	pCi/L
FBP 43C	8/27/2024	CURIUM-247	0.0593	0.1855	J	J	0.0844	pCi/L
FBP 43C	8/27/2024	CURIUM-247	0.102	0.2484	U	U	0.07873	pCi/L
FBP 43C	6/13/2024	CYCLOHEXANE	0.44	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	CYCLOHEXANE	0.44	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	CYCLOHEXANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	CYCLOHEXANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	DIBROMOCHLOROMETHANE	0.28	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	DIBROMOCHLOROMETHANE	0.28	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	DIBROMOCHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	DIBROMOCHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	DICHLORODIFLUOROMETHANE	0.30	2.0	U	U	2	ug/L
FBP 43C	6/13/2024	DICHLORODIFLUOROMETHANE	0.30	2.0	U	U	2	ug/L
FBP 43C	12/18/2024	DICHLORODIFLUOROMETHANE	0.355	1.00	U	U	1	ug/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	12/18/2024	DICHLORODIFLUOROMETHANE	0.355	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.94	2.0	U	U	2	ug/L
FBP 43C	6/13/2024	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.94	2.0	U	U	2	ug/L
FBP 43C	12/18/2024	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.00	U	U	2.47	ug/L
FBP 43C	12/18/2024	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.00	U	U	2.41	ug/L
FBP 43C	6/13/2024	ETHYLBENZENE	0.14	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	ETHYLBENZENE	0.14	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	ETHYLBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	ETHYLBENZENE	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	EUROPIUM-152	38.7	48.64	U	U	-1.62	pCi/L
FBP 43C	2/27/2024	EUROPIUM-152	29.0	85.2	U	U	19.5	pCi/L
FBP 43C	6/13/2024	EUROPIUM-152	31.0	79	U	U	20.8	pCi/L
FBP 43C	8/27/2024	EUROPIUM-152	31.1	60.3	U	U	26.3	pCi/L
FBP 43C	12/18/2024	EUROPIUM-152	17.1	34.3	U	U	3.87	pCi/L
FBP 43C	12/18/2024	EUROPIUM-152	12.6	26.2	U	U	-1.7	pCi/L
FBP 43C	12/18/2024	EUROPIUM-152	22.4	61.8	U	U	15.3	pCi/L
FBP 43C	2/27/2024	EUROPIUM-154	27.4	57.8	U	U	9.5	pCi/L
FBP 43C	2/27/2024	EUROPIUM-154	20.4	42.8	U	U	4.3	pCi/L
FBP 43C	6/13/2024	EUROPIUM-154	21.8	60.2	U	U	13.4	pCi/L
FBP 43C	8/27/2024	EUROPIUM-154	21.0	57.8	U	U	11.9	pCi/L
FBP 43C	12/18/2024	EUROPIUM-154	19.3	38.1	U	U	0.0866	pCi/L
FBP 43C	12/18/2024	EUROPIUM-154	13.8	33.5	U	U	-6.68	pCi/L
FBP 43C	12/18/2024	EUROPIUM-154	27.2	51.8	U	U	11.8	pCi/L
FBP 43C	2/27/2024	EUROPIUM-155	41.9	90.9	U	U	7.18	pCi/L
FBP 43C	2/27/2024	EUROPIUM-155	41.9	91.5	U	U	-10.5	pCi/L
FBP 43C	6/13/2024	EUROPIUM-155	47.9	82.1	U	U	0	pCi/L
FBP 43C	8/27/2024	EUROPIUM-155	66.1	144.3	U	U	11.7	pCi/L
FBP 43C	12/18/2024	EUROPIUM-155	18.7	39.7	U	U	-1.22	pCi/L
FBP 43C	12/18/2024	EUROPIUM-155	15.2	32.3	U	U	-0.816	pCi/L
FBP 43C	12/18/2024	EUROPIUM-155	24.8	52.4	U	U	1.85	pCi/L
FBP 43C	2/27/2024	GROSS ALPHA	1.75	3.91	U	U	0.933	pCi/L
FBP 43C	2/27/2024	GROSS ALPHA	2.15	4.49	U	U	0.314	pCi/L
FBP 43C	6/13/2024	GROSS ALPHA	2.13	4.55	U	U	0.608	pCi/L
FBP 43C	8/27/2024	GROSS ALPHA	1.86	4.04	U	U	0.752	pCi/L
FBP 43C	12/18/2024	GROSS ALPHA	0.885	1.82	U	U	0.202	pCi/L
FBP 43C	12/18/2024	GROSS ALPHA	0.962	1.80	U	U	-0.288	pCi/L
FBP 43C	2/27/2024	IODINE-129	0.515	1.141	U	U	0.284	pCi/L
FBP 43C	2/27/2024	IODINE-129	0.781	1.711	U	U	0.237	pCi/L
FBP 43C	6/13/2024	IODINE-129		1.385	U	U	0.311	pCi/L
FBP 43C	6/13/2024	IODINE-129	0.670	1.454	U	U	0.379	pCi/L
FBP 43C	12/18/2024	IODINE-129	0.394	0.732	U	U	0.0794	pCi/L
FBP 43C	12/18/2024	IODINE-129	0.509	0.867	U	U	0.137	pCi/L
FBP 43C	12/18/2024	IODINE-129	0.359	0.741	U	U	-0.0945	pCi/L
FBP 43C	2/27/2024	LEAD-212	40.2	86.6	U	U	-3.61	pCi/L
FBP 43C	2/27/2024	LEAD-212	22.2	55	U	U	-6.78	pCi/L
FBP 43C	6/13/2024	LEAD-212	38.5	83.5	U	U	-2.34	pCi/L
FBP 43C	8/27/2024	LEAD-212	26.6	57.2	U	U	-2.75	pCi/L
FBP 43C	12/18/2024	LEAD-212	12.8	31.9	U	U	1.09	pCi/L
FBP 43C	12/18/2024	LEAD-212	8.61	26.2	U	U	1.53	pCi/L
FBP 43C	12/18/2024	LEAD-212	15.6	45.4	U	U	0.946	pCi/L
FBP 43C	2/27/2024	LEAD-214	41.7	99.5	U	U	5.62	pCi/L
FBP 43C	2/27/2024	LEAD-214	14.3	41.7		J	36.8	pCi/L
FBP 43C	6/13/2024	LEAD-214	28.9	75.5	J	J	103	pCi/L
FBP 43C	8/27/2024	LEAD-214	32.5	72.9	U	U	2.42	pCi/L
FBP 43C	12/18/2024	LEAD-214	16.4	49.0	U	U	5.31	pCi/L
FBP 43C	12/18/2024	LEAD-214	12.8	27.9	U	U	-2.11	pCi/L
FBP 43C	12/18/2024	LEAD-214	16.6	39.8	U	U	-3.59	pCi/L
FBP 43C	6/13/2024	M,P-XYLENE	0.36	2.0	U	U	2	ug/L
FBP 43C	6/13/2024	M,P-XYLENE	0.36	2.0	U	U	2	ug/L
FBP 43C	12/18/2024	M,P-XYLENE	0.500	2.00	U	U	2	ug/L
FBP 43C	12/18/2024	M,P-XYLENE	0.500	2.00	U	U	2	ug/L
FBP 43C	2/27/2024	MANGANESE-54	20.2	36.98	U	U	-4.94	pCi/L
FBP 43C	2/27/2024	MANGANESE-54	10.3	26.98	U	U	1.54	pCi/L
FBP 43C	6/13/2024	MANGANESE-54	9.73	25.89	U	U	4.3	pCi/L
FBP 43C	8/27/2024	MANGANESE-54	11.0	28.64	U	U	3.04	pCi/L
FBP 43C	6/13/2024	METHYL ACETATE	1.6	5.0	U	U	5	ug/L
FBP 43C	6/13/2024	METHYL ACETATE	1.6	5.0	U	U	5	ug/L
FBP 43C	12/18/2024	METHYL ACETATE	1.67	5.00	U	U	5	ug/L
FBP 43C	12/18/2024	METHYL ACETATE	1.67	5.00	U	U	5	ug/L
FBP 43C	6/13/2024	METHYL ETHYL KETONE	4.6	10	U	U	10	ug/L
FBP 43C	6/13/2024	METHYL ETHYL KETONE	4.6	10	U	U	10	ug/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	12/18/2024	METHYL ETHYL KETONE	1.67	5.00	U	U	5	ug/L
FBP 43C	12/18/2024	METHYL ETHYL KETONE	1.67	5.00	U	U	5	ug/L
FBP 43C	6/13/2024	METHYL ISOBUTYL KETONE	0.98	5.0	U	U	5	ug/L
FBP 43C	6/13/2024	METHYL ISOBUTYL KETONE	0.98	5.0	U	U	5	ug/L
FBP 43C	12/18/2024	METHYL ISOBUTYL KETONE	1.67	5.00	U	U	5	ug/L
FBP 43C	12/18/2024	METHYL ISOBUTYL KETONE	1.67	5.00	U	U	5	ug/L
FBP 43C	6/13/2024	METHYL TERTIARY BUTYL ETHER (MTBE)	0.25	5.0	U	U	5	ug/L
FBP 43C	6/13/2024	METHYL TERTIARY BUTYL ETHER (MTBE)	0.25	5.0	U	U	5	ug/L
FBP 43C	12/18/2024	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	METHYLCYCLOHEXANE	0.31	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	METHYLCYCLOHEXANE	0.31	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	METHYLCYCLOHEXANE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	METHYLCYCLOHEXANE	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	NEPTUNIUM-237	0.0903	0.2043	U	U	0.0403	pCi/L
FBP 43C	2/27/2024	NEPTUNIUM-237	0.0982	0.1674	U	U	0.00397	pCi/L
FBP 43C	2/27/2024	NEPTUNIUM-237	0.100	0.1902	U	U	0.01502	pCi/L
FBP 43C	6/13/2024	NEPTUNIUM-237	0.106	0.1378	U	U	-0.0159	pCi/L
FBP 43C	8/27/2024	NEPTUNIUM-237	0.110	0.1428	U	U	-0.0164	pCi/L
FBP 43C	8/27/2024	NEPTUNIUM-237	0.123	0.3014	U	U	0.0903	pCi/L
FBP 43C	12/18/2024	NEPTUNIUM-237	0.659	1.15	U	U,UJ	-0.0912	pCi/L
FBP 43C	12/18/2024	NEPTUNIUM-237	0.709	1.13	U	U,UJ	-0.183	pCi/L
FBP 43C	12/18/2024	NEPTUNIUM-237	0.699	1.18	U	U,UJ	-0.156	pCi/L
FBP 43C	2/27/2024	NEPTUNIUM-239	47.8	103.8	U	U	-8.11	pCi/L
FBP 43C	2/27/2024	NEPTUNIUM-239	38.8	84.6	U	U	9.46	pCi/L
FBP 43C	6/13/2024	NEPTUNIUM-239	37.8	82.6	U	U	9.67	pCi/L
FBP 43C	8/27/2024	NEPTUNIUM-239	59.6	130	U	U	11.2	pCi/L
FBP 43C	2/27/2024	NIOBIUM-94	15.9	39.1	U	U	0.846	pCi/L
FBP 43C	2/27/2024	NIOBIUM-94	16.9	45.1	U	U	-6.26	pCi/L
FBP 43C	6/13/2024	NIOBIUM-94	16.3	43.5	U	U	-6.66	pCi/L
FBP 43C	8/27/2024	NIOBIUM-94	11.1	29.04	U	U	4.36	pCi/L
FBP 43C	6/12/2024	NITRATE	0.45	2.5			12.3	mg/L
FBP 43C	6/13/2024	NITRATE	0.45	2.5			12	mg/L
FBP 43C	6/13/2024	NITRATE	0.45	2.5			12	mg/L
FBP 43C	2/27/2024	NITRATE-NITRITE AS NITROGEN	0.88	2.0			13	mg/L
FBP 43C	2/27/2024	NITRATE-NITRITE AS NITROGEN	0.88	2.0			13	mg/L
FBP 43C	12/18/2024	NITRATE-NITRITE AS NITROGEN	0.850	2.50			13.6	mg/L
FBP 43C	12/18/2024	NITRATE-NITRITE AS NITROGEN	0.850	2.50			14.5	mg/L
FBP 43C	12/18/2024	NITRATE-NITRITE AS NITROGEN	0.850	2.50			13.6	mg/L
FBP 43C	2/27/2024	NONVOLATILE BETA	0.890	6.55			72.3	pCi/L
FBP 43C	2/27/2024	NONVOLATILE BETA	0.871	6.651			76.4	pCi/L
FBP 43C	6/13/2024	NONVOLATILE BETA	0.914	5.454			45.9	pCi/L
FBP 43C	8/27/2024	NONVOLATILE BETA	0.856	6.096			62.8	pCi/L
FBP 43C	12/18/2024	NONVOLATILE BETA	0.846	4.45			28.1	pCi/L
FBP 43C	12/18/2024	NONVOLATILE BETA	0.609	5.37			77.5	pCi/L
FBP 43C	6/13/2024	O-XYLENE	0.11	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	O-XYLENE	0.11	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	O-XYLENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	O-XYLENE	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	PH					6.8	SU
FBP 43C	2/27/2024	PH					6.8	SU
FBP 43C	6/13/2024	PH					6.9	SU
FBP 43C	6/13/2024	PH					6.9	SU
FBP 43C	8/27/2024	PH					6.9	SU
FBP 43C	12/18/2024	PH					7	SU
FBP 43C	12/18/2024	PH					7	SU
FBP 43C	2/27/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					48	mg/L
FBP 43C	2/27/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					0	mg/L
FBP 43C	6/13/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					0	mg/L
FBP 43C	6/13/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					0	mg/L
FBP 43C	8/27/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					0	mg/L
FBP 43C	12/18/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					0	mg/L
FBP 43C	12/18/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					0	mg/L
FBP 43C	2/27/2024	PLUTONIUM-238	0.184	0.452	U	U	0.173	pCi/L
FBP 43C	2/27/2024	PLUTONIUM-238	0.171	0.475		J	0.277	pCi/L
FBP 43C	2/27/2024	PLUTONIUM-238	0.174	0.416	U	U	0.1425	pCi/L
FBP 43C	6/13/2024	PLUTONIUM-238	0.161	0.423	J	J	0.194	pCi/L
FBP 43C	8/27/2024	PLUTONIUM-238	0.187	0.417	U	U	0.0943	pCi/L
FBP 43C	8/27/2024	PLUTONIUM-238	0.158	0.434	J	J	0.2253	pCi/L
FBP 43C	12/18/2024	PLUTONIUM-238	0.248	0.534	U	U	0.052	pCi/L
FBP 43C	12/18/2024	PLUTONIUM-238	0.260	0.419	U	U	-0.0565	pCi/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	12/18/2024	PLUTONIUM-238	0.181	0.310	U	U	-0.0213	pCi/L
FBP 43C	2/27/2024	PLUTONIUM-239/240	0.0997	0.1699	U	U	0.00403	pCi/L
FBP 43C	2/27/2024	PLUTONIUM-239/240	0.0889	0.2177	U	U	0.0555	pCi/L
FBP 43C	2/27/2024	PLUTONIUM-239/240	0.0450	0.13	U	U	0.03002	pCi/L
FBP 43C	6/13/2024	PLUTONIUM-239/240	0.0769	0.1881	U	U	0.0437	pCi/L
FBP 43C	8/27/2024	PLUTONIUM-239/240	0.0920	0.2082	U	U	0.0411	pCi/L
FBP 43C	8/27/2024	PLUTONIUM-239/240	0.110	0.2084	U	U	0.0164	pCi/L
FBP 43C	12/18/2024	PLUTONIUM-239/240	0.328	0.666	U	U	0.0438	pCi/L
FBP 43C	12/18/2024	PLUTONIUM-239/240	0.301	0.517	U	U	-0.0551	pCi/L
FBP 43C	12/18/2024	PLUTONIUM-239/240	0.208	0.343	U	U	-0.0355	pCi/L
FBP 43C	2/27/2024	PLUTONIUM-242	0.0902	0.184	U	U	0.0241	pCi/L
FBP 43C	2/27/2024	PLUTONIUM-242	0.0888	0.156	U	U	0.00792	pCi/L
FBP 43C	2/27/2024	PLUTONIUM-242	0.0928	0.1816	U	U	0.01874	pCi/L
FBP 43C	6/13/2024	PLUTONIUM-242	0.0963	0.1233	U	U	-0.0117	pCi/L
FBP 43C	8/27/2024	PLUTONIUM-242	0.110	0.1428	U	U	-0.0164	pCi/L
FBP 43C	8/27/2024	PLUTONIUM-242	0.109	0.2592	U	U	0.06554	pCi/L
FBP 43C	2/27/2024	POTASSIUM-40	191	419	U	U	55.2	pCi/L
FBP 43C	2/27/2024	POTASSIUM-40	52.7	186.9			157	pCi/L
FBP 43C	6/13/2024	POTASSIUM-40	116	316	U	U	55.1	pCi/L
FBP 43C	8/27/2024	POTASSIUM-40	184	440	U	U	-14.2	pCi/L
FBP 43C	12/18/2024	POTASSIUM-40	95.4	186	U	U	15.5	pCi/L
FBP 43C	12/18/2024	POTASSIUM-40	71.5	192	U	U	12	pCi/L
FBP 43C	12/18/2024	POTASSIUM-40	92.0	197	U	U	-57.9	pCi/L
FBP 43C	2/27/2024	PROMETHIUM-144	12.7	31.02	U	U	1.44	pCi/L
FBP 43C	2/27/2024	PROMETHIUM-144	14.5	14.798	U	U	0.0832	pCi/L
FBP 43C	6/13/2024	PROMETHIUM-144	12.3	31.7	U	U	-1.34	pCi/L
FBP 43C	8/27/2024	PROMETHIUM-144	11.1	25.48	U	U	2.04	pCi/L
FBP 43C	2/27/2024	PROMETHIUM-146	22.3	48.7	U	U	-3.54	pCi/L
FBP 43C	2/27/2024	PROMETHIUM-146	9.64	24.4	U	U	3.07	pCi/L
FBP 43C	6/13/2024	PROMETHIUM-146	16.3	41.7	U	U	3.9	pCi/L
FBP 43C	8/27/2024	PROMETHIUM-146	14.4	36.2	U	U	1.05	pCi/L
FBP 43C	12/18/2024	PROMETHIUM-146	5.49	12.1	U	U	-3.23	pCi/L
FBP 43C	12/18/2024	PROMETHIUM-146	6.02	13.1	U	U	0.0235	pCi/L
FBP 43C	12/18/2024	PROMETHIUM-146	8.68	18.7	U	U	-1.31	pCi/L
FBP 43C	2/27/2024	PROTACTINIUM-233	58.2	145	U	U	13.7	pCi/L
FBP 43C	2/27/2024	PROTACTINIUM-233	28.0	71.4	U	U	-10.5	pCi/L
FBP 43C	6/13/2024	PROTACTINIUM-233	48.3	58.22	U	U	0	pCi/L
FBP 43C	8/27/2024	PROTACTINIUM-233	39.0	84.8	U	U	-8.4	pCi/L
FBP 43C	2/27/2024	RADIUM-226	0.0784	0.1776	U	U	0.0452	pCi/L
FBP 43C	2/27/2024	RADIUM-226	288	706	U	U	64.7	pCi/L
FBP 43C	2/27/2024	RADIUM-226	0.0988	0.2168	U	U	0.0444	pCi/L
FBP 43C	2/27/2024	RADIUM-226	306	670	U	U	-76.7	pCi/L
FBP 43C	2/27/2024	RADIUM-226	0.0806	0.1882	U	U	0.05709	pCi/L
FBP 43C	6/13/2024	RADIUM-226	0.120	0.263	U	U	0.053	pCi/L
FBP 43C	6/13/2024	RADIUM-226	231	623	J	J	300	pCi/L
FBP 43C	8/27/2024	RADIUM-226	112	364	J	J	347	pCi/L
FBP 43C	12/18/2024	RADIUM-226	163	353	U	U	-25.7	pCi/L
FBP 43C	12/18/2024	RADIUM-226	150	318	U	U	-14.3	pCi/L
FBP 43C	12/18/2024	RADIUM-226	135	447	U	U	35	pCi/L
FBP 43C	2/27/2024	RADIUM-228	0.471	1.303		J	1.29	pCi/L
FBP 43C	2/27/2024	RADIUM-228	71.1	177.3	U	U	17.1	pCi/L
FBP 43C	2/27/2024	RADIUM-228	0.573	1.253	U	U	0.241	pCi/L
FBP 43C	2/27/2024	RADIUM-228	37.6	106	U	U	18.8	pCi/L
FBP 43C	2/27/2024	RADIUM-228	0.574	1.34			0.582	pCi/L
FBP 43C	6/13/2024	RADIUM-228	0.584	1.22	U	U	0.037	pCi/L
FBP 43C	6/13/2024	RADIUM-228	50.8	127	U	U	6.67	pCi/L
FBP 43C	8/27/2024	RADIUM-228	55.4	121.2	U	U	-30.4	pCi/L
FBP 43C	12/18/2024	RADIUM-228	28.2	63.0	U	U	-4.73	pCi/L
FBP 43C	12/18/2024	RADIUM-228	27.2	59.8	U	U	0.898	pCi/L
FBP 43C	12/18/2024	RADIUM-228	37.7	83.1	U	U	10.6	pCi/L
FBP 43C	2/27/2024	RUTHENIUM-103	15.1	36.7	U	U	-0.886	pCi/L
FBP 43C	2/27/2024	RUTHENIUM-103	13.5	34.7	U	U	-3.2	pCi/L
FBP 43C	6/13/2024	RUTHENIUM-103	14.3	37.3	U	U	-5.54	pCi/L
FBP 43C	8/27/2024	RUTHENIUM-103	11.4	25.5	U	U	-1.18	pCi/L
FBP 43C	2/27/2024	RUTHENIUM-106	456	994	U	U	79.9	pCi/L
FBP 43C	2/27/2024	RUTHENIUM-106	179	265.8	U	U	-22.7	pCi/L
FBP 43C	6/13/2024	RUTHENIUM-106	391	855	U	U	-64.7	pCi/L
FBP 43C	8/27/2024	RUTHENIUM-106	143	250.4	U	U	0	pCi/L
FBP 43C	2/27/2024	SODIUM-22	35.5	79.5	U	U	-18.9	pCi/L
FBP 43C	2/27/2024	SODIUM-22	14.7	30.14	U	U	-0.842	pCi/L
FBP 43C	6/13/2024	SODIUM-22	14.2	29.16	U	U	0.816	pCi/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	8/27/2024	SODIUM-22	6.41	11.33	U	U	0	pCi/L
FBP 43C	12/18/2024	SODIUM-22	6.84	13.5	U	U	0.0307	pCi/L
FBP 43C	12/18/2024	SODIUM-22	4.96	11.9	U	U	-1.95	pCi/L
FBP 43C	12/18/2024	SODIUM-22	9.62	18.4	U	U	4.17	pCi/L
FBP 43C	2/27/2024	SPECIFIC CONDUCTANCE					288	uS/cm
FBP 43C	2/27/2024	SPECIFIC CONDUCTANCE					288	uS/cm
FBP 43C	6/13/2024	SPECIFIC CONDUCTANCE					290	uS/cm
FBP 43C	6/13/2024	SPECIFIC CONDUCTANCE					290	uS/cm
FBP 43C	8/27/2024	SPECIFIC CONDUCTANCE					251	uS/cm
FBP 43C	12/18/2024	SPECIFIC CONDUCTANCE					283	uS/cm
FBP 43C	12/18/2024	SPECIFIC CONDUCTANCE					283	uS/cm
FBP 43C	2/27/2024	STRONTIUM-90	0.332	0.772		J	0.349	pCi/L
FBP 43C	2/27/2024	STRONTIUM-90	0.381	0.833	U	U	0.145	pCi/L
FBP 43C	2/27/2024	STRONTIUM-90	0.346	0.748	U	U	0.09488	pCi/L
FBP 43C	6/13/2024	STRONTIUM-90	0.299	0.655	U	U	0.123	pCi/L
FBP 43C	8/27/2024	STRONTIUM-90	0.354	0.78	U	U	0.166	pCi/L
FBP 43C	12/18/2024	STRONTIUM-90	3.25	6.93	U	U	0.916	pCi/L
FBP 43C	12/18/2024	STRONTIUM-90	4.25	8.77	U	U	-0.314	pCi/L
FBP 43C	12/18/2024	STRONTIUM-90	3.26	7.42	U	U	2.53	pCi/L
FBP 43C	6/13/2024	STYRENE	0.13	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	STYRENE	0.13	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	STYRENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	STYRENE	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	TECHNETIUM-99	1.61	8.49			137	pCi/L
FBP 43C	2/27/2024	TECHNETIUM-99	1.65	8.69			139	pCi/L
FBP 43C	6/13/2024	TECHNETIUM-99	1.68	8.56			109	pCi/L
FBP 43C	8/27/2024	TECHNETIUM-99	1.64	8.94			125	pCi/L
FBP 43C	12/18/2024	TECHNETIUM-99	16.1	49.1			154	pCi/L
FBP 43C	12/18/2024	TECHNETIUM-99	16.3	48.7			143	pCi/L
FBP 43C	12/18/2024	TECHNETIUM-99	17.0	49.8			135	pCi/L
FBP 43C	6/13/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0	J	J	0.52	ug/L
FBP 43C	6/13/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0	J	J	0.57	ug/L
FBP 43C	12/18/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	J	0.39	ug/L
FBP 43C	12/18/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	J	J	0.38	ug/L
FBP 43C	2/27/2024	THALLIUM-208	21.0	49.4	U	U	5.79	pCi/L
FBP 43C	2/27/2024	THALLIUM-208	10.3	31.5	U	U	5.34	pCi/L
FBP 43C	6/13/2024	THALLIUM-208	16.6	35.44	U	U	4.5	pCi/L
FBP 43C	8/27/2024	THALLIUM-208	15.0	17.52	U	U	0.484	pCi/L
FBP 43C	12/18/2024	THALLIUM-208	7.11	15.8	U	U	-1.4	pCi/L
FBP 43C	12/18/2024	THALLIUM-208	5.05	16.5	U	U	3.45	pCi/L
FBP 43C	12/18/2024	THALLIUM-208	9.25	19.9	U	U	1.7	pCi/L
FBP 43C	2/27/2024	THORIUM-228	0.334	0.67	U	U	-0.0193	pCi/L
FBP 43C	2/27/2024	THORIUM-228	0.353	0.733	U	U	0.0268	pCi/L
FBP 43C	2/27/2024	THORIUM-228	0.296	0.644	U	U	0.06758	pCi/L
FBP 43C	6/13/2024	THORIUM-228	0.262	0.564	U	U	0.0402	pCi/L
FBP 43C	8/27/2024	THORIUM-228	0.179	0.451	U	U	0.125	pCi/L
FBP 43C	8/27/2024	THORIUM-228	0.216	0.51	U	U	0.1153	pCi/L
FBP 43C	12/18/2024	THORIUM-228	0.267	0.503	U	U	-0.00537	pCi/L
FBP 43C	12/18/2024	THORIUM-228	0.376	0.674	U	U	-0.0529	pCi/L
FBP 43C	12/18/2024	THORIUM-228	0.419	0.827	U	U	0.0273	pCi/L
FBP 43C	2/27/2024	THORIUM-230	0.305	0.867		J	0.43	pCi/L
FBP 43C	2/27/2024	THORIUM-230	0.328	0.784	U	U	0.101	pCi/L
FBP 43C	2/27/2024	THORIUM-230	0.304	0.764	U	U	0.1649	pCi/L
FBP 43C	6/13/2024	THORIUM-230	0.259	0.631	U	U	0.0824	pCi/L
FBP 43C	8/27/2024	THORIUM-230	0.245	0.583	U	U	0.0461	pCi/L
FBP 43C	8/27/2024	THORIUM-230	0.235	0.549	U	U	0.01434	pCi/L
FBP 43C	12/18/2024	THORIUM-230	0.271	0.551	U	U	0.0371	pCi/L
FBP 43C	12/18/2024	THORIUM-230	0.348	0.752	U	U	0.108	pCi/L
FBP 43C	12/18/2024	THORIUM-230	0.402	0.856	U	U	0.107	pCi/L
FBP 43C	2/27/2024	THORIUM-232	0.151	0.401	U	U	0.129	pCi/L
FBP 43C	2/27/2024	THORIUM-232	0.154	0.211	U	U	-0.0157	pCi/L
FBP 43C	2/27/2024	THORIUM-232	0.130	0.1808	U	U	-0.01024	pCi/L
FBP 43C	6/13/2024	THORIUM-232	0.132	0.2288	U	U	-0.00054	pCi/L
FBP 43C	8/27/2024	THORIUM-232	0.0962	0.1388	U	U	-0.00981	pCi/L
FBP 43C	8/27/2024	THORIUM-232	0.118	0.1686	U	U	-0.0221	pCi/L
FBP 43C	12/18/2024	THORIUM-232	0.181	0.361	U	U	0.0118	pCi/L
FBP 43C	12/18/2024	THORIUM-232	0.239	0.404	U	U	-0.0316	pCi/L
FBP 43C	12/18/2024	THORIUM-232	0.242	0.618	U	U	0.144	pCi/L
FBP 43C	2/27/2024	TIN-113	26.0	56.4	U	U	5.81	pCi/L
FBP 43C	2/27/2024	TIN-113	13.8	34	U	U	0.203	pCi/L
FBP 43C	6/13/2024	TIN-113	28.2	61.2	U	U	-3.33	pCi/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	8/27/2024	TIN-113	25.4	55.4	U	U	-6.16	pCi/L
FBP 43C	2/27/2024	TIN-126	126	274.2	U	U	-17.2	pCi/L
FBP 43C	2/27/2024	TIN-126	119	260.8	U	U	-27.3	pCi/L
FBP 43C	6/13/2024	TIN-126	105	230	U	U	28	pCi/L
FBP 43C	8/27/2024	TIN-126	260	568	U	U	-65.9	pCi/L
FBP 43C	6/13/2024	TOLUENE	0.32	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	TOLUENE	0.32	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	TOLUENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	TOLUENE	0.333	1.00	U	U	1	ug/L
FBP 43C	2/27/2024	TOTAL ALKALINITY (AS CACO3)					48	mg/L
FBP 43C	2/27/2024	TOTAL ALKALINITY (AS CACO3)					48	mg/L
FBP 43C	6/13/2024	TOTAL ALKALINITY (AS CACO3)					73	mg/L
FBP 43C	6/13/2024	TOTAL ALKALINITY (AS CACO3)					73	mg/L
FBP 43C	8/27/2024	TOTAL ALKALINITY (AS CACO3)					71	mg/L
FBP 43C	12/18/2024	TOTAL ALKALINITY (AS CACO3)					83	mg/L
FBP 43C	12/18/2024	TOTAL ALKALINITY (AS CACO3)					83	mg/L
FBP 43C	6/13/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	TRANS-1,3-DICHLOROPROPENE	0.14	1.0	U	U	1	ug/L
FBP 43C	6/13/2024	TRANS-1,3-DICHLOROPROPENE	0.14	1.0	U	U	1	ug/L
FBP 43C	12/18/2024	TRANS-1,3-DICHLOROPROPENE	0.333	1.00	U	U	1	ug/L
FBP 43C	12/18/2024	TRANS-1,3-DICHLOROPROPENE	0.333	1.00	U	U	1	ug/L
FBP 43C	6/13/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0			12	ug/L
FBP 43C	6/13/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0			12	ug/L
FBP 43C	12/18/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00			10.7	ug/L
FBP 43C	12/18/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00			10.1	ug/L
FBP 43C	6/13/2024	TRICHLOROFLUOROMETHANE	0.20	2.0			12	ug/L
FBP 43C	6/13/2024	TRICHLOROFLUOROMETHANE	0.20	2.0			12	ug/L
FBP 43C	12/18/2024	TRICHLOROFLUOROMETHANE	0.333	1.00			13.2	ug/L
FBP 43C	12/18/2024	TRICHLOROFLUOROMETHANE	0.333	1.00			12.3	ug/L
FBP 43C	2/27/2024	TRITIUM	0.297	0.749			0.892	pCi/mL
FBP 43C	2/27/2024	TRITIUM	0.297	0.769			1.09	pCi/mL
FBP 43C	6/12/2024	TRITIUM	0.334	0.828	J	J	0.6766	pCi/mL
FBP 43C	6/13/2024	TRITIUM		0.853			0.857	pCi/mL
FBP 43C	6/13/2024	TRITIUM	0.340	0.868	J	J	0.861	pCi/mL
FBP 43C	12/18/2024	TRITIUM	0.713	1.61	U	U	0.676	pCi/mL
FBP 43C	12/18/2024	TRITIUM	0.722	1.69	J	J	1.09	pCi/mL
FBP 43C	2/27/2024	TURBIDITY					0.4	NTU
FBP 43C	2/27/2024	TURBIDITY					0.4	NTU
FBP 43C	6/13/2024	TURBIDITY					0.4	NTU
FBP 43C	6/13/2024	TURBIDITY					0.4	NTU
FBP 43C	8/27/2024	TURBIDITY					0.3	NTU
FBP 43C	12/18/2024	TURBIDITY					0.6	NTU
FBP 43C	12/18/2024	TURBIDITY					0.6	NTU
FBP 43C	2/27/2024	URANIUM-233/234	0.0801	0.2941			0.107	pCi/L
FBP 43C	2/27/2024	URANIUM-233/234	0.180	0.534		J	0.271	pCi/L
FBP 43C	2/27/2024	URANIUM-233/234	0.128	0.366	U	U	0.1261	pCi/L
FBP 43C	6/12/2024	URANIUM-233/234	0.0991	0.2403	U	U	0.07329	pCi/L
FBP 43C	6/13/2024	URANIUM-233/234	0.0839	0.2291	J	J	0.0932	pCi/L
FBP 43C	8/27/2024	URANIUM-233/234	0.123	0.2822	U	U	0.0647	pCi/L
FBP 43C	8/27/2024	URANIUM-233/234	0.136	0.3326	U	U	0.09954	pCi/L
FBP 43C	12/18/2024	URANIUM-233/234	0.241	0.541	U	U	0.0932	pCi/L
FBP 43C	12/18/2024	URANIUM-233/234	0.215	0.481	U	U	0.0847	pCi/L
FBP 43C	12/18/2024	URANIUM-233/234	0.238	0.484	U	U	0.0309	pCi/L
FBP 43C	2/27/2024	URANIUM-235	0.161	0.1942	U	U	-0.00831	pCi/L
FBP 43C	2/27/2024	URANIUM-235	0.176	0.3592	U	U	0.0471	pCi/L
FBP 43C	2/27/2024	URANIUM-235	0.160	0.193	U	U	-0.00826	pCi/L
FBP 43C	6/12/2024	URANIUM-235	0.123	0.2376	U	U	0.01675	pCi/L
FBP 43C	6/13/2024	URANIUM-235	0.0934	0.1246	U	U	-0.011	pCi/L
FBP 43C	8/27/2024	URANIUM-235	0.120	0.1504	U	U	-0.0107	pCi/L
FBP 43C	8/27/2024	URANIUM-235	0.109	0.2018	U	U	0.01689	pCi/L
FBP 43C	12/18/2024	URANIUM-235/236	0.180	0.394	U	U	0.0286	pCi/L
FBP 43C	12/18/2024	URANIUM-235/236	0.147	0.322	U	U	0.0233	pCi/L
FBP 43C	12/18/2024	URANIUM-235/236	0.0824	0.271	U	U	0.0549	pCi/L
FBP 43C	2/27/2024	URANIUM-238	0.0799	0.1865	U	U	0.0266	pCi/L
FBP 43C	2/27/2024	URANIUM-238	0.141	0.369	U	U	0.113	pCi/L
FBP 43C	2/27/2024	URANIUM-238	0.128	0.3134	U	U	0.07284	pCi/L
FBP 43C	6/12/2024	URANIUM-238	0.0640	0.1338	U	U	0.01941	pCi/L
FBP 43C	6/13/2024	URANIUM-238	0.0633	0.1471	U	U	0.031	pCi/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FBP 43C	8/27/2024	URANIUM-238	0.107	0.182	U	U	0.00431	pCi/L
FBP 43C	8/27/2024	URANIUM-238	0.128	0.2378	U	U	0.01355	pCi/L
FBP 43C	12/18/2024	URANIUM-238	0.201	0.475	U	U	0.0925	pCi/L
FBP 43C	12/18/2024	URANIUM-238	0.163	0.339	U	U	0.0258	pCi/L
FBP 43C	12/18/2024	URANIUM-238	0.193	0.359	U	U	-0.00889	pCi/L
FBP 43C	2/27/2024	WATER TEMPERATURE					19.8	degC
FBP 43C	2/27/2024	WATER TEMPERATURE					19.8	degC
FBP 43C	6/13/2024	WATER TEMPERATURE					21.5	degC
FBP 43C	6/13/2024	WATER TEMPERATURE					21.5	degC
FBP 43C	8/27/2024	WATER TEMPERATURE					20.7	degC
FBP 43C	12/18/2024	WATER TEMPERATURE					20.1	degC
FBP 43C	12/18/2024	WATER TEMPERATURE					20.1	degC
FBP 43C	2/27/2024	YTTRIUM-88	14.0	19.12	U	U	3.14	pCi/L
FBP 43C	2/27/2024	YTTRIUM-88	13.5	21.38	U	U	1.88	pCi/L
FBP 43C	6/13/2024	YTTRIUM-88	15.3	32.02	U	U	3.72	pCi/L
FBP 43C	8/27/2024	YTTRIUM-88	8.86	20.22	U	U	5.56	pCi/L
FBP 43C	2/27/2024	ZINC-65	56.1	116.7	U	U	-0.0494	pCi/L
FBP 43C	2/27/2024	ZINC-65	35.0	42.02	U	U	0	pCi/L
FBP 43C	6/13/2024	ZINC-65	47.7	103.7	U	U	13.3	pCi/L
FBP 43C	8/27/2024	ZINC-65	38.6	81.4	U	U	3.52	pCi/L
FBP 43C	2/27/2024	ZIRCONIUM-95	43.9	81.5	U	U	-19	pCi/L
FBP 43C	2/27/2024	ZIRCONIUM-95	28.9	79.1	U	U	-13.4	pCi/L
FBP 43C	6/13/2024	ZIRCONIUM-95	16.5	46.9	J	J	18.2	pCi/L
FBP 43C	8/27/2024	ZIRCONIUM-95	28.4	62.8	U	U	-13.4	pCi/L
FGW005 C	6/18/2024	1,1,1-TRICHLOROETHANE	0.39	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,1,1-TRICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,1,2,2-TETRACHLOROETHANE	0.21	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,1,2,2-TETRACHLOROETHANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.73	3.0	U	U	3	ug/L
FGW005 C	12/18/2024	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.67	5.00	U	U	5	ug/L
FGW005 C	6/18/2024	1,1,2-TRICHLOROETHANE	0.27	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,1,2-TRICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,1-DICHLOROETHANE	0.22	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,1-DICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,1-DICHLOROETHYLENE	0.23	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,1-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,2,3-TRICHLOROBENZENE	1.2	4.0	U	U	4	ug/L
FGW005 C	12/18/2024	1,2,3-TRICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,2,4-TRICHLOROBENZENE	0.58	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,2,4-TRICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,2-DIBROMO-3-CHLOROPROPANE	0.42	5.0	U	U	5	ug/L
FGW005 C	12/18/2024	1,2-DIBROMO-3-CHLOROPROPANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,2-DIBROMOETHANE	0.18	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,2-DIBROMOETHANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,2-DICHLOROBENZENE	0.14	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,2-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,2-DICHLOROETHANE (EDC)	0.28	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,2-DICHLOROETHANE (EDC)	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,2-DICHLOROPROPANE	0.24	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,2-DICHLOROPROPANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,3-DICHLOROBENZENE	0.33	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,3-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,4-DICHLOROBENZENE	0.39	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	1,4-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	1,4-DIOXANE	7.4	40	U	U	40	ug/L
FGW005 C	12/18/2024	1,4-DIOXANE	16.7	50.0	U	U	50	ug/L
FGW005 C	6/18/2024	2-HEXANONE	0.81	5.0	U	U	5	ug/L
FGW005 C	12/18/2024	2-HEXANONE	1.67	5.00	U	U	5	ug/L
FGW005 C	6/18/2024	ACETONE	6.6	15	U	U	15	ug/L
FGW005 C	12/18/2024	ACETONE	1.74	5.00	U	U	5	ug/L
FGW005 C	2/27/2024	ACTINIUM-228	56.0	152.2	U	U	27.3	pCi/L
FGW005 C	2/27/2024	ACTINIUM-228	81.9	104.3	U	U	5.227	pCi/L
FGW005 C	6/18/2024	ACTINIUM-228	114	154.8	U	U	18.6	pCi/L
FGW005 C	12/18/2024	ACTINIUM-228	37.7	85.9	U	U	-10.7	pCi/L
FGW005 C	12/18/2024	ACTINIUM-228	33.7	72.9	U	U	1.97	pCi/L
FGW005 C	2/27/2024	AMERICIUM-241	0.346	0.622	U	U	-0.0584	pCi/L
FGW005 C	2/27/2024	AMERICIUM-241	271	599	U	U	-65.3	pCi/L
FGW005 C	6/18/2024	AMERICIUM-241	17.1	36.1	U	U	4.98	pCi/L
FGW005 C	12/18/2024	AMERICIUM-241	0.112	0.245	U	U	0.0177	pCi/L
FGW005 C	12/18/2024	AMERICIUM-241	0.179	0.439	U	U	0.0816	pCi/L
FGW005 C	2/27/2024	AMERICIUM-243	0.154	0.3246	U	U	0.0451	pCi/L

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FGW005 C	6/18/2024	AMERICIUM-243	0.0755	0.2361			0.107	pCi/L
FGW005 C	2/27/2024	ANTIMONY-124	27.5	73.1	U	U	7.49	pCi/L
FGW005 C	2/27/2024	ANTIMONY-124	17.3	38.1	U	U	11.11	pCi/L
FGW005 C	6/18/2024	ANTIMONY-124	57.7	126.1	U	U	-0.35	pCi/L
FGW005 C	2/27/2024	ANTIMONY-125	70.4	204	U	U	28.4	pCi/L
FGW005 C	2/27/2024	ANTIMONY-125	81.0	103.8	U	U	-4.514	pCi/L
FGW005 C	6/18/2024	ANTIMONY-125	86.9	242.3	U	U	40.3	pCi/L
FGW005 C	12/18/2024	ANTIMONY-125	40.8	89.6	U	U	-8.34	pCi/L
FGW005 C	12/18/2024	ANTIMONY-125	30.6	107	U	U	10.4	pCi/L
FGW005 C	2/27/2024	BARIUM-133	51.6	113.4	U	U	-10.8	pCi/L
FGW005 C	2/27/2024	BARIUM-133	61.4	135.2	U	U	-18.29	pCi/L
FGW005 C	6/18/2024	BARIUM-133	62.4	136.6	U	U	-2.81	pCi/L
FGW005 C	12/18/2024	BARIUM-133	21.1	50.9	U	U	-12	pCi/L
FGW005 C	12/18/2024	BARIUM-133	16.2	35.4	U	U	-5.85	pCi/L
FGW005 C	6/18/2024	BENZENE	0.14	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	BENZENE	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	BISMUTH-212	290	628	U	U	52.5	pCi/L
FGW005 C	2/27/2024	BISMUTH-212	379	823	U	U	62.89	pCi/L
FGW005 C	6/18/2024	BISMUTH-212	510	1116	U	U	125	pCi/L
FGW005 C	2/27/2024	BISMUTH-214	102	115.4	U	U	14.6	pCi/L
FGW005 C	2/27/2024	BISMUTH-214	130	140.6	U	U	3.18	pCi/L
FGW005 C	6/18/2024	BISMUTH-214	125	152.2	U	U	9.33	pCi/L
FGW005 C	12/18/2024	BISMUTH-214	28.8	60.2	U	U	19.4	pCi/L
FGW005 C	12/18/2024	BISMUTH-214	24.7	52.3	U	U	17.9	pCi/L
FGW005 C	6/18/2024	BROMOCHLOROMETHANE	0.40	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	BROMOCHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	BROMODICHLOROMETHANE	0.19	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	BROMODICHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	BROMOFORM (TRIBROMOMETHANE)	0.25	2.0	U	U	2	ug/L
FGW005 C	12/18/2024	BROMOFORM (TRIBROMOMETHANE)	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	BROMOMETHANE (METHYL BROMIDE)	2.4	5.0	U	U	5	ug/L
FGW005 C	12/18/2024	BROMOMETHANE (METHYL BROMIDE)	0.337	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	CALIFORNIUM-249	53.9	93.7	U	U	-8.92	pCi/L
FGW005 C	2/27/2024	CALIFORNIUM-249	60.6	133	U	U	-9.83	pCi/L
FGW005 C	6/18/2024	CALIFORNIUM-249	63.8	78.9	U	U	-1.96	pCi/L
FGW005 C	2/27/2024	CALIFORNIUM-251	164	414	U	U	125	pCi/L
FGW005 C	2/27/2024	CALIFORNIUM-251	219	481	U	U	-21.25	pCi/L
FGW005 C	6/18/2024	CALIFORNIUM-251	210	542	U	U	6.77	pCi/L
FGW005 C	6/18/2024	CARBON DISULFIDE	0.26	2.0	U	U	2	ug/L
FGW005 C	12/18/2024	CARBON DISULFIDE	1.67	5.00	U	U	5	ug/L
FGW005 C	6/18/2024	CARBON TETRACHLORIDE	0.23	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	CARBON TETRACHLORIDE	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	CARBON-14	12.1	26.32	U	U	0.3	pCi/L
FGW005 C	6/18/2024	CARBON-14	10.3	22.26	U	U	-1.5	pCi/L
FGW005 C	12/18/2024	CARBON-14	79.4	172	U	U	16.3	pCi/L
FGW005 C	12/18/2024	CARBON-14	79.6	174	U	U	39.1	pCi/L
FGW005 C	2/27/2024	CERIUM-141	94.3	208.1	U	U	15.7	pCi/L
FGW005 C	2/27/2024	CERIUM-141	135	298.6	U	U	26.98	pCi/L
FGW005 C	6/18/2024	CERIUM-141	94.5	208.7	U	U	-31.5	pCi/L
FGW005 C	2/27/2024	CERIUM-144	414	914	U	U	-103	pCi/L
FGW005 C	2/27/2024	CERIUM-144	608	1342	U	U	0.8885	pCi/L
FGW005 C	6/18/2024	CERIUM-144	680	1004	U	U	0	pCi/L
FGW005 C	2/27/2024	CESIUM-134	30.2	92.2	U	U	26.3	pCi/L
FGW005 C	2/27/2024	CESIUM-134	34.9	95.5	U	U	4.593	pCi/L
FGW005 C	6/18/2024	CESIUM-134	38.5	106.5	U	U	33.3	pCi/L
FGW005 C	12/18/2024	CESIUM-134	11.1	23.1	U	U	0.622	pCi/L
FGW005 C	12/18/2024	CESIUM-134	8.37	18.5	U	U	-3.61	pCi/L
FGW005 C	2/27/2024	CESIUM-137	30.5	66.5	U	U	5.1	pCi/L
FGW005 C	2/27/2024	CESIUM-137	27.7	59.5	U	U	0.2826	pCi/L
FGW005 C	6/18/2024	CESIUM-137	46.8	133.4	U	U	-2.12	pCi/L
FGW005 C	12/18/2024	CESIUM-137	11.2	24.2	U	U	-5.04	pCi/L
FGW005 C	12/18/2024	CESIUM-137	8.86	18.9	U	U	-1.62	pCi/L
FGW005 C	6/18/2024	CHLOROBENZENE	0.092	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	CHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	CHLOROETHANE (ETHYL CHLORIDE)	0.64	2.0	U	U	2	ug/L
FGW005 C	12/18/2024	CHLOROETHANE (ETHYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	CHLOROFORM	0.36	1.0	J	J	0.41	ug/L
FGW005 C	12/18/2024	CHLOROFORM	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	CHLOROMETHANE (METHYL CHLORIDE)	0.23	2.0	U	U	2	ug/L

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FGW005 C	12/18/2024	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	CIS-1,3-DICHLOROPROPENE	0.16	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	CIS-1,3-DICHLOROPROPENE	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	COBALT-57	44.0	96.8	U	U	-0.838	pCi/L
FGW005 C	2/27/2024	COBALT-57	601	1327	U	U	117.3	pCi/L
FGW005 C	6/18/2024	COBALT-57	56.9	149.5	U	U	15	pCi/L
FGW005 C	2/27/2024	COBALT-58	20.2	44.2	U	U	6.68	pCi/L
FGW005 C	2/27/2024	COBALT-58	29.5	63.5	U	U	-0.7749	pCi/L
FGW005 C	6/18/2024	COBALT-58	41.5	90.5	U	U	-6.52	pCi/L
FGW005 C	2/27/2024	COBALT-60	18.8	52.6	U	U	-6.47	pCi/L
FGW005 C	2/27/2024	COBALT-60	22.7	56.9	U	U	-10.9	pCi/L
FGW005 C	6/18/2024	COBALT-60	22.1	54.9	U	U	1.4	pCi/L
FGW005 C	12/18/2024	COBALT-60	11.4	26.9	U	U	7.23	pCi/L
FGW005 C	12/18/2024	COBALT-60	9.20	17.9	U	U	1.98	pCi/L
FGW005 C	6/18/2024	CUMENE (ISOPROPYLBENZENE)	0.16	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	CUMENE (ISOPROPYLBENZENE)	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	CURIUM-242	0.219	0.286	U	U	-0.0555	pCi/L
FGW005 C	6/18/2024	CURIUM-242	11.5	23.82	U	U	3.25	pCi/L
FGW005 C	12/18/2024	CURIUM-242	0.0752	0.176	U	U	0	pCi/L
FGW005 C	12/18/2024	CURIUM-242	0.213	0.364	U	U	-0.0251	pCi/L
FGW005 C	2/27/2024	CURIUM-243/244	0.226	0.452	U	U	0.0471	pCi/L
FGW005 C	6/18/2024	CURIUM-243/244	14.3	28.24	U	U	1.63	pCi/L
FGW005 C	12/18/2024	CURIUM-243/244	0.110	0.241	U	U	0.0175	pCi/L
FGW005 C	12/18/2024	CURIUM-243/244	0.195	0.334	U	U	-0.023	pCi/L
FGW005 C	2/27/2024	CURIUM-245/246	0.117	0.2466	U	U	0.0372	pCi/L
FGW005 C	6/18/2024	CURIUM-245/246	0.148	0.2666	U	U	-0.0106	pCi/L
FGW005 C	12/18/2024	CURIUM-245/246	0.0801	0.230	U	U	0.0267	pCi/L
FGW005 C	12/18/2024	CURIUM-245/246	0.111	0.260	U	U	0	pCi/L
FGW005 C	2/27/2024	CURIUM-247	0.174	0.3484	U	U	0.0135	pCi/L
FGW005 C	6/18/2024	CURIUM-247	0.103	0.2818			0.115	pCi/L
FGW005 C	6/18/2024	CYCLOHEXANE	0.44	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	CYCLOHEXANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	DIBROMOCHLOROMETHANE	0.28	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	DIBROMOCHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	DICHLORODIFLUOROMETHANE	0.30	2.0	U	U	2	ug/L
FGW005 C	12/18/2024	DICHLORODIFLUOROMETHANE	0.355	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.94	2.0	U	U	2	ug/L
FGW005 C	12/18/2024	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.00	U	U	2.26	ug/L
FGW005 C	6/18/2024	ETHYLBENZENE	0.14	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	ETHYLBENZENE	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	EUROPIUM-152	179	321.8	U	U	35.4	pCi/L
FGW005 C	2/27/2024	EUROPIUM-152	155	255	U	U	64.87	pCi/L
FGW005 C	6/18/2024	EUROPIUM-152	169	352.8	U	U	37.1	pCi/L
FGW005 C	12/18/2024	EUROPIUM-152	52.7	115	U	U	6.18	pCi/L
FGW005 C	12/18/2024	EUROPIUM-152	37.9	79.9	U	U	-1.2	pCi/L
FGW005 C	2/27/2024	EUROPIUM-154	106	172.4	U	U	24.1	pCi/L
FGW005 C	2/27/2024	EUROPIUM-154	119	156.6	U	U	-14.27	pCi/L
FGW005 C	6/18/2024	EUROPIUM-154	109	161.4	U	U	17.6	pCi/L
FGW005 C	12/18/2024	EUROPIUM-154	25.4	53.6	U	U	-4.42	pCi/L
FGW005 C	12/18/2024	EUROPIUM-154	28.9	52.5	U	U	20	pCi/L
FGW005 C	2/27/2024	EUROPIUM-155	322	712	U	U	-65.2	pCi/L
FGW005 C	2/27/2024	EUROPIUM-155	330	566	U	U	51.72	pCi/L
FGW005 C	6/18/2024	EUROPIUM-155	348	588	U	U	46	pCi/L
FGW005 C	12/18/2024	EUROPIUM-155	144	312	U	U	38.9	pCi/L
FGW005 C	12/18/2024	EUROPIUM-155	99.8	217	U	U	-0.0701	pCi/L
FGW005 C	2/27/2024	GROSS ALPHA	2.15	48.15			1610	pCi/L
FGW005 C	6/18/2024	GROSS ALPHA	127	443			217	pCi/L
FGW005 C	12/18/2024	GROSS ALPHA	299	1050	J	J	695	pCi/L
FGW005 C	12/18/2024	GROSS ALPHA	340	1160	J	J	999	pCi/L
FGW005 C	2/27/2024	IODINE-129	0.556	1.424			2.31	pCi/L
FGW005 C	2/27/2024	IODINE-129	0.526	1.368			2.478	pCi/L
FGW005 C	6/18/2024	IODINE-129	0.680	1.684			2.42	pCi/L
FGW005 C	12/18/2024	IODINE-129	1.18	4.36	J	J	3.54	pCi/L
FGW005 C	12/18/2024	IODINE-129	1.23	4.91	J		4.03	pCi/L
FGW005 C	2/27/2024	LEAD-212	79.0	174.2	U	U	-23.5	pCi/L
FGW005 C	2/27/2024	LEAD-212	80.4	177.2	U	U	15.52	pCi/L
FGW005 C	6/18/2024	LEAD-212	111	245	U	U	-17.5	pCi/L
FGW005 C	12/18/2024	LEAD-212	41.4	103	U	U	28	pCi/L
FGW005 C	12/18/2024	LEAD-212	29.3	64.9	U	U	1.71	pCi/L

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FGW005 C	2/27/2024	LEAD-214	42.1	92.9		J	46.5	pCi/L
FGW005 C	2/27/2024	LEAD-214	74.6	168.4			77.83	pCi/L
FGW005 C	6/18/2024	LEAD-214	85.8	223	U	U	27.9	pCi/L
FGW005 C	12/18/2024	LEAD-214	30.6	75.6	U	U	14	pCi/L
FGW005 C	6/18/2024	M,P-XYLENE	0.36	2.0	U	U	2	ug/L
FGW005 C	12/18/2024	M,P-XYLENE	0.500	2.00	U	U	2	ug/L
FGW005 C	2/27/2024	MANGANESE-54	17.7	47.9	U	U	2.74	pCi/L
FGW005 C	2/27/2024	MANGANESE-54	16.7	44.9	U	U	3.608	pCi/L
FGW005 C	6/18/2024	MANGANESE-54	26.9	83.1	U	U	-3.16	pCi/L
FGW005 C	6/18/2024	METHYL ACETATE	1.6	5.0	U	U	5	ug/L
FGW005 C	12/18/2024	METHYL ACETATE	1.67	5.00	U	U	5	ug/L
FGW005 C	6/18/2024	METHYL ETHYL KETONE	4.6	10	U	U	10	ug/L
FGW005 C	12/18/2024	METHYL ETHYL KETONE	1.67	5.00	U	U	5	ug/L
FGW005 C	6/18/2024	METHYL ISOBUTYL KETONE	0.98	5.0	U	U	5	ug/L
FGW005 C	12/18/2024	METHYL ISOBUTYL KETONE	1.67	5.00	U	U	5	ug/L
FGW005 C	6/18/2024	METHYL TERTIARY BUTYL ETHER (MTBE)	0.25	5.0	U	U	5	ug/L
FGW005 C	12/18/2024	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	METHYLCYCLOHEXANE	0.31	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	METHYLCYCLOHEXANE	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	NEPTUNIUM-237	0.141	0.593			0.724	pCi/L
FGW005 C	6/18/2024	NEPTUNIUM-237	10.2	25.54	U	U	8.71	pCi/L
FGW005 C	12/18/2024	NEPTUNIUM-237	0.710	1.65	U	U,UJ	0.377	pCi/L
FGW005 C	12/18/2024	NEPTUNIUM-237	0.760	2.25	J		1.25	pCi/L
FGW005 C	2/27/2024	NEPTUNIUM-239	352	778	U	U	-64.3	pCi/L
FGW005 C	2/27/2024	NEPTUNIUM-239	374	826	U	U	-86.04	pCi/L
FGW005 C	6/18/2024	NEPTUNIUM-239	332	734	U	U	-41.1	pCi/L
FGW005 C	2/27/2024	NIOBIUM-94	19.8	42.6	U	U	4.29	pCi/L
FGW005 C	2/27/2024	NIOBIUM-94	23.3	62.9	U	U	0.7966	pCi/L
FGW005 C	6/18/2024	NIOBIUM-94	33.1	112.5	U	U	-17	pCi/L
FGW005 C	6/18/2024	NITRATE	0.90	5.0			39	mg/L
FGW005 C	2/27/2024	NITRATE-NITRITE AS NITROGEN	2.2	5.0			31	mg/L
FGW005 C	12/18/2024	NITRATE-NITRITE AS NITROGEN	0.850	2.50			33.9	mg/L
FGW005 C	2/27/2024	NONVOLATILE BETA	7.93	495.93			559000	pCi/L
FGW005 C	6/18/2024	NONVOLATILE BETA	133	5153			113000	pCi/L
FGW005 C	12/18/2024	NONVOLATILE BETA	570	13200			669000	pCi/L
FGW005 C	12/18/2024	NONVOLATILE BETA	464	13300			677000	pCi/L
FGW005 C	2/27/2024	OXIDATION/REDUCTION POTENTIAL					303	mV
FGW005 C	6/18/2024	OXIDATION/REDUCTION POTENTIAL					228	mV
FGW005 C	12/18/2024	OXIDATION/REDUCTION POTENTIAL					211	mV
FGW005 C	2/27/2024	OXYGEN					6.5	mg/L
FGW005 C	6/18/2024	OXYGEN					7.1	mg/L
FGW005 C	12/18/2024	OXYGEN					7	mg/L
FGW005 C	6/18/2024	O-XYLENE	0.11	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	O-XYLENE	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	PH					4.2	SU
FGW005 C	6/18/2024	PH					3.7	SU
FGW005 C	12/18/2024	PH					3	SU
FGW005 C	2/27/2024	PLUTONIUM-238	0.146	0.5		J	0.421	pCi/L
FGW005 C	6/18/2024	PLUTONIUM-238	13.1	32.38	U	U	12.1	pCi/L
FGW005 C	12/18/2024	PLUTONIUM-238	0.123	0.279	U	U	0.0339	pCi/L
FGW005 C	12/18/2024	PLUTONIUM-238	0.156	0.305	U	U	0.00713	pCi/L
FGW005 C	2/27/2024	PLUTONIUM-239/240	0.110	0.184	U	U	0	pCi/L
FGW005 C	6/18/2024	PLUTONIUM-239/240	8.31	22.59			8.71	pCi/L
FGW005 C	12/18/2024	PLUTONIUM-239/240	0.147	0.305	U	U	0.0232	pCi/L
FGW005 C	12/18/2024	PLUTONIUM-239/240	0.168	0.349	U	U	0.0265	pCi/L
FGW005 C	2/27/2024	PLUTONIUM-242	0.135	0.571			0.677	pCi/L
FGW005 C	6/18/2024	PLUTONIUM-242	7.96	21.62			8.68	pCi/L
FGW005 C	2/27/2024	POTASSIUM-40	96.4	277.8	U	U	90.6	pCi/L
FGW005 C	2/27/2024	POTASSIUM-40	126	290.2	U	U	65.14	pCi/L
FGW005 C	6/18/2024	POTASSIUM-40	142	398	U	U	72.8	pCi/L
FGW005 C	12/18/2024	POTASSIUM-40	70.5	219	U	U	9.61	pCi/L
FGW005 C	12/18/2024	POTASSIUM-40	101	201	U	U	9.74	pCi/L
FGW005 C	2/27/2024	PROMETHIUM-144	18.9	49.9	U	U	-0.608	pCi/L
FGW005 C	2/27/2024	PROMETHIUM-144	19.7	53.9	U	U	7.24	pCi/L
FGW005 C	6/18/2024	PROMETHIUM-144	29.4	42.7	U	U	4.37	pCi/L
FGW005 C	2/27/2024	PROMETHIUM-146	31.2	81.6	U	U	4.6	pCi/L
FGW005 C	2/27/2024	PROMETHIUM-146	33.0	78.2	U	U	8.802	pCi/L
FGW005 C	6/18/2024	PROMETHIUM-146	25.5	67.9			26.5	pCi/L
FGW005 C	12/18/2024	PROMETHIUM-146	18.9	40.1	U	U	9.78	pCi/L
FGW005 C	12/18/2024	PROMETHIUM-146	14.2	29.5	U	U	3.49	pCi/L
FGW005 C	2/27/2024	PROTACTINIUM-233	129	252.2	U	U	18.8	pCi/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FGW005 C	2/27/2024	PROTACTINIUM-233	171	303	U	U	-3.497	pCi/L
FGW005 C	6/18/2024	PROTACTINIUM-233	182	255.6	U	U	0	pCi/L
FGW005 C	2/27/2024	RADIUM-226	5.85	34.85		J	32.5	pCi/L
FGW005 C	2/27/2024	RADIUM-226	875	1921	U	U	0	pCi/L
FGW005 C	2/27/2024	RADIUM-226	754	1954	U	U	519.4	pCi/L
FGW005 C	12/18/2024	RADIUM-226	552	1700	U	U	196	pCi/L
FGW005 C	12/18/2024	RADIUM-226	369	1190	U	U	230	pCi/L
FGW005 C	2/27/2024	RADIUM-228	0.623	183.423			71100	pCi/L
FGW005 C	2/27/2024	RADIUM-228	56.0	152.2	U	U	27.3	pCi/L
FGW005 C	2/27/2024	RADIUM-228	81.9	104.3	U	U	5.227	pCi/L
FGW005 C	6/18/2024	RADIUM-228	114	154.8	U	U	18.6	pCi/L
FGW005 C	12/18/2024	RADIUM-228	37.7	85.9	U	U	-10.7	pCi/L
FGW005 C	12/18/2024	RADIUM-228	33.7	72.9	U	U	1.97	pCi/L
FGW005 C	2/27/2024	RUTHENIUM-103	18.6	48.8	U	U	8.02	pCi/L
FGW005 C	2/27/2024	RUTHENIUM-103	26.7	68.3	U	U	-4.121	pCi/L
FGW005 C	6/18/2024	RUTHENIUM-103	26.0	70.2	U	U	11.3	pCi/L
FGW005 C	2/27/2024	RUTHENIUM-106	240	320.6	U	U	-17.6	pCi/L
FGW005 C	2/27/2024	RUTHENIUM-106	577	1267	U	U	126.6	pCi/L
FGW005 C	6/18/2024	RUTHENIUM-106	329	743	U	U	149	pCi/L
FGW005 C	2/27/2024	SODIUM-22	16.4	33.9	U	U	-0.842	pCi/L
FGW005 C	2/27/2024	SODIUM-22	23.7	49.9	U	U	-2.284	pCi/L
FGW005 C	6/18/2024	SODIUM-22	27.2	73.6	U	U	-9.39	pCi/L
FGW005 C	12/18/2024	SODIUM-22	9.00	19.0	U	U	-1.56	pCi/L
FGW005 C	12/18/2024	SODIUM-22	10.0	18.2	U	U	6.76	pCi/L
FGW005 C	2/27/2024	SPECIFIC CONDUCTANCE					326	uS/cm
FGW005 C	6/18/2024	SPECIFIC CONDUCTANCE					358	uS/cm
FGW005 C	12/18/2024	SPECIFIC CONDUCTANCE					502	uS/cm
FGW005 C	2/27/2024	STRONTIUM-90	9.55	3189.55			314000	pCi/L
FGW005 C	6/18/2024	STRONTIUM-90	125	4565			340000	pCi/L
FGW005 C	12/18/2024	STRONTIUM-90	7040	48600		J	314000	pCi/L
FGW005 C	12/18/2024	STRONTIUM-90	4770	33000		J	240000	pCi/L
FGW005 C	6/18/2024	STYRENE	0.13	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	STYRENE	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	TECHNETIUM-99	1.74	15.66			456	pCi/L
FGW005 C	6/18/2024	TECHNETIUM-99	1.68	14.72			417	pCi/L
FGW005 C	12/18/2024	TECHNETIUM-99	18.5	74.3			512	pCi/L
FGW005 C	12/18/2024	TECHNETIUM-99	18.3	74.7			529	pCi/L
FGW005 C	6/18/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	U	1	ug/L
FGW005 C	2/27/2024	THALLIUM-208	23.2	81.8	U	U	21.6	pCi/L
FGW005 C	2/27/2024	THALLIUM-208	33.1	91.7	U	U	-23.3	pCi/L
FGW005 C	6/18/2024	THALLIUM-208	34.0	91	U	U	6.9	pCi/L
FGW005 C	12/18/2024	THALLIUM-208	14.6	30.7	U	U	6.55	pCi/L
FGW005 C	12/18/2024	THALLIUM-208	11.5	24.6	U	U	1	pCi/L
FGW005 C	2/27/2024	THORIUM-228	0.248	0.622	U	U	0.194	pCi/L
FGW005 C	6/18/2024	THORIUM-228	20.0	44.8	U	U	10.9	pCi/L
FGW005 C	12/18/2024	THORIUM-228	0.436	1.07	U	U	0.233	pCi/L
FGW005 C	12/18/2024	THORIUM-228	0.442	0.844	U	U	0.0041	pCi/L
FGW005 C	2/27/2024	THORIUM-230	0.278	0.796			0.373	pCi/L
FGW005 C	6/18/2024	THORIUM-230	10.2	33.8	J	J	22	pCi/L
FGW005 C	12/18/2024	THORIUM-230	0.465	1.38	J	J	0.618	pCi/L
FGW005 C	12/18/2024	THORIUM-230	0.435	0.753	U	U	-0.0631	pCi/L
FGW005 C	2/27/2024	THORIUM-232	0.123	0.2288	U	U	0.0135	pCi/L
FGW005 C	6/18/2024	THORIUM-232	6.80	8.244	U	U	-0.356	pCi/L
FGW005 C	12/18/2024	THORIUM-232	0.267	0.745	U	U	0.135	pCi/L
FGW005 C	12/18/2024	THORIUM-232	0.306	0.534	U	U	-0.0301	pCi/L
FGW005 C	2/27/2024	TIN-113	58.4	128.4	U	U	-11.2	pCi/L
FGW005 C	2/27/2024	TIN-113	55.3	121.7	U	U	15.2	pCi/L
FGW005 C	6/18/2024	TIN-113	68.5	150.9	U	U	-19.8	pCi/L
FGW005 C	2/27/2024	TIN-126	643	1419	U	U	37.5	pCi/L
FGW005 C	2/27/2024	TIN-126	891	1969	U	U	-190.9	pCi/L
FGW005 C	6/18/2024	TIN-126	956	2114	U	U	249	pCi/L
FGW005 C	6/18/2024	TOLUENE	0.32	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	TOLUENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	TRANS-1,3-DICHLOROPROPENE	0.14	1.0	U	U	1	ug/L
FGW005 C	12/18/2024	TRANS-1,3-DICHLOROPROPENE	0.333	1.00	U	U	1	ug/L
FGW005 C	6/18/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0			10	ug/L
FGW005 C	12/18/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00			8.96	ug/L
FGW005 C	6/18/2024	TRICHLOROFLUOROMETHANE	0.20	2.0			4.7	ug/L

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FGW005 C	12/18/2024	TRICHLOROFLUOROMETHANE	0.333	1.00			3.59	ug/L
FGW005 C	2/27/2024	TRITIUM	0.300	0.984			3.53	pCi/mL
FGW005 C	6/18/2024	TRITIUM	0.305	1.209			4.48	pCi/mL
FGW005 C	12/18/2024	TRITIUM	0.897	8.06			114	pCi/mL
FGW005 C	12/18/2024	TRITIUM	0.881	7.74			107	pCi/mL
FGW005 C	2/27/2024	TURBIDITY					0.4	NTU
FGW005 C	6/18/2024	TURBIDITY					16.4	NTU
FGW005 C	12/18/2024	TURBIDITY					13.8	NTU
FGW005 C	2/27/2024	URANIUM-233/234	3.21	49.81			281	pCi/L
FGW005 C	6/18/2024	URANIUM-233/234	10.5	88.5			331	pCi/L
FGW005 C	12/18/2024	URANIUM-233/234	10.1	64.5			343	pCi/L
FGW005 C	12/18/2024	URANIUM-233/234	6.56	65.4			323	pCi/L
FGW005 C	2/27/2024	URANIUM-235	3.35	22.79			39.1	pCi/L
FGW005 C	6/18/2024	URANIUM-235	7.56	37.96			40.3	pCi/L
FGW005 C	12/18/2024	URANIUM-235/236	6.40	26.8			36.7	pCi/L
FGW005 C	12/18/2024	URANIUM-235/236	2.55	25.2			37.5	pCi/L
FGW005 C	2/27/2024	URANIUM-238	2.32	89.12			981	pCi/L
FGW005 C	6/18/2024	URANIUM-238	3.39	145.19			1110	pCi/L
FGW005 C	12/18/2024	URANIUM-238	10.3	110			1180	pCi/L
FGW005 C	12/18/2024	URANIUM-238	2.07	113			1160	pCi/L
FGW005 C	2/27/2024	WATER TEMPERATURE					21.1	degC
FGW005 C	6/18/2024	WATER TEMPERATURE					21.4	degC
FGW005 C	12/18/2024	WATER TEMPERATURE					21.3	degC
FGW005 C	2/27/2024	YTTRIUM-88	7.39	11.41	U	U	0	pCi/L
FGW005 C	2/27/2024	YTTRIUM-88	8.43	19.83	U	U	-0.1813	pCi/L
FGW005 C	6/18/2024	YTTRIUM-88	26.6	57	U	U	-9	pCi/L
FGW005 C	2/27/2024	ZINC-65	49.9	56.92	U	U	0	pCi/L
FGW005 C	2/27/2024	ZINC-65	50.3	58.12	U	U	0	pCi/L
FGW005 C	6/18/2024	ZINC-65	82.7	179.9	U	U	-0.493	pCi/L
FGW005 C	2/27/2024	ZIRCONIUM-95	25.8	62.4	U	U	9.82	pCi/L
FGW005 C	2/27/2024	ZIRCONIUM-95	30.4	82	U	U	7.467	pCi/L
FGW005 C	6/18/2024	ZIRCONIUM-95	48.3	131.1	U	U	-4.12	pCi/L
FGW022C	6/18/2024	1,1,1-TRICHLOROETHANE	0.39	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,1,1-TRICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,1,2,2-TETRACHLOROETHANE	0.21	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,1,2,2-TETRACHLOROETHANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.73	3.0	U	U	3	ug/L
FGW022C	12/18/2024	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1.67	5.00	U	U	5	ug/L
FGW022C	6/18/2024	1,1,2-TRICHLOROETHANE	0.27	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,1,2-TRICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,1-DICHLOROETHANE	0.22	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,1-DICHLOROETHANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,1-DICHLOROETHYLENE	0.23	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,1-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,2,3-TRICHLOROBENZENE	1.2	4.0	U	U	4	ug/L
FGW022C	12/18/2024	1,2,3-TRICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,2,4-TRICHLOROBENZENE	0.58	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,2,4-TRICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,2-DIBROMO-3-CHLOROPROPANE	0.42	5.0	U	U	5	ug/L
FGW022C	12/18/2024	1,2-DIBROMO-3-CHLOROPROPANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,2-DIBROMOETHANE	0.18	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,2-DIBROMOETHANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,2-DICHLOROBENZENE	0.14	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,2-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,2-DICHLOROETHANE (EDC)	0.28	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,2-DICHLOROETHANE (EDC)	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,2-DICHLOROPROPANE	0.24	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,2-DICHLOROPROPANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,3-DICHLOROBENZENE	0.33	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,3-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,4-DICHLOROBENZENE	0.39	1.0	U	U	1	ug/L
FGW022C	12/18/2024	1,4-DICHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	1,4-DIOXANE	7.4	40	U	U	40	ug/L
FGW022C	12/18/2024	1,4-DIOXANE	16.7	50.0	U	U	50	ug/L
FGW022C	6/18/2024	2-HEXANONE	0.81	5.0	U	U	5	ug/L
FGW022C	12/18/2024	2-HEXANONE	1.67	5.00	U	U	5	ug/L
FGW022C	6/18/2024	ACETONE	6.6	15	U	U	15	ug/L
FGW022C	12/18/2024	ACETONE	1.74	5.00	U	U	5	ug/L
FGW022C	2/27/2024	ACTINIUM-228	54.9	96.1	U	U	26	pCi/L
FGW022C	6/18/2024	ACTINIUM-228	42.5	76.1	U	U	6.94	pCi/L
FGW022C	6/18/2024	ACTINIUM-228	58.1	156.7	U	U	-19.11	pCi/L

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FGW022C	12/18/2024	ACTINIUM-228	28.7	60.9	U	U	2.01	pCi/L
FGW022C	2/27/2024	AMERICIUM-241	0.227	0.527	U	U	0.146	pCi/L
FGW022C	6/18/2024	AMERICIUM-241	0.205	0.3808	U	U	-0.0235	pCi/L
FGW022C	6/18/2024	AMERICIUM-241	0.198	0.393	U	U	0.02098	pCi/L
FGW022C	6/18/2024	AMERICIUM-241	26.6	63.6	U	U	-4.007	pCi/L
FGW022C	12/18/2024	AMERICIUM-241	0.147	0.242	U	U	-0.0251	pCi/L
FGW022C	2/27/2024	AMERICIUM-243	0.161	0.3604	U	U	0.0878	pCi/L
FGW022C	6/18/2024	AMERICIUM-243	0.139	0.355			0.165	pCi/L
FGW022C	6/18/2024	AMERICIUM-243	0.0851	0.2159	U	U	0.07053	pCi/L
FGW022C	12/18/2024	AMERICIUM-243	0.160	1.65		J	6.92	pCi/L
FGW022C	2/27/2024	ANTIMONY-124	33.2	58	U	U	3.14	pCi/L
FGW022C	6/18/2024	ANTIMONY-124	30.2	37.84	U	U	-2.26	pCi/L
FGW022C	6/18/2024	ANTIMONY-124	33.6	73.4	U	U	-6.648	pCi/L
FGW022C	2/27/2024	ANTIMONY-125	33.3	103.3	U	U	13.8	pCi/L
FGW022C	6/18/2024	ANTIMONY-125	22.9	60.7	U	U	20.1	pCi/L
FGW022C	6/18/2024	ANTIMONY-125	34.2	78	U	U	14.72	pCi/L
FGW022C	12/18/2024	ANTIMONY-125	15.5	35.1	U	U	-3.97	pCi/L
FGW022C	2/27/2024	BARIUM-133	31.9	69.7	U	U	-7.1	pCi/L
FGW022C	6/18/2024	BARIUM-133	22.3	48.3	U	U	4.16	pCi/L
FGW022C	6/18/2024	BARIUM-133	23.8	51.4	U	U	1.736	pCi/L
FGW022C	12/18/2024	BARIUM-133	6.52	14.1	U	U	1.14	pCi/L
FGW022C	6/18/2024	BENZENE	0.14	1.0	U	U	1	ug/L
FGW022C	12/18/2024	BENZENE	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	BISMUTH-212	318	584	U	U	-123	pCi/L
FGW022C	6/18/2024	BISMUTH-212	173	362.2	U	U	-4.37	pCi/L
FGW022C	6/18/2024	BISMUTH-212	202	440	U	U	68.26	pCi/L
FGW022C	2/27/2024	BISMUTH-214	22.7	69.3			73.1	pCi/L
FGW022C	6/18/2024	BISMUTH-214	22.4	55.6			30	pCi/L
FGW022C	6/18/2024	BISMUTH-214	12.3	52.3			68.44	pCi/L
FGW022C	12/18/2024	BISMUTH-214	9.70	38.9	U	U	30.5	pCi/L
FGW022C	6/18/2024	BROMOCHLOROMETHANE	0.40	1.0	U	U	1	ug/L
FGW022C	12/18/2024	BROMOCHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	BROMODICHLOROMETHANE	0.19	1.0	U	U	1	ug/L
FGW022C	12/18/2024	BROMODICHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	BROMOFORM (TRIBROMOMETHANE)	0.25	2.0	U	U	2	ug/L
FGW022C	12/18/2024	BROMOFORM (TRIBROMOMETHANE)	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	BROMOMETHANE (METHYL BROMIDE)	2.4	5.0	U	U	5	ug/L
FGW022C	12/18/2024	BROMOMETHANE (METHYL BROMIDE)	0.337	1.00	U	U	1	ug/L
FGW022C	2/27/2024	CALIFORNIUM-249	29.4	64.4	U	U	-7.75	pCi/L
FGW022C	6/18/2024	CALIFORNIUM-249	20.3	41.7	U	U	6.24	pCi/L
FGW022C	6/18/2024	CALIFORNIUM-249	23.9	39.28	U	U	3.758	pCi/L
FGW022C	2/27/2024	CALIFORNIUM-251	40.6	103	U	U	13.1	pCi/L
FGW022C	6/18/2024	CALIFORNIUM-251	51.8	126	U	U	-1.24	pCi/L
FGW022C	6/18/2024	CALIFORNIUM-251	49.2	120.6	U	U	9.431	pCi/L
FGW022C	6/18/2024	CARBON DISULFIDE	0.26	2.0	U	U	2	ug/L
FGW022C	12/18/2024	CARBON DISULFIDE	1.67	5.00	U	U	5	ug/L
FGW022C	6/18/2024	CARBON TETRACHLORIDE	0.23	1.0	U	U	1	ug/L
FGW022C	12/18/2024	CARBON TETRACHLORIDE	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	CARBON-14	11.7	25.5	U	U	-0.481	pCi/L
FGW022C	6/18/2024	CARBON-14	10.1	22.3	U	U	2.94	pCi/L
FGW022C	12/18/2024	CARBON-14	66.9	143	U	U	0.384	pCi/L
FGW022C	2/27/2024	CERIUM-141	37.1	81.5	U	U	6.76	pCi/L
FGW022C	6/18/2024	CERIUM-141	24.5	53.5	U	U	-4.34	pCi/L
FGW022C	6/18/2024	CERIUM-141	27.4	60	U	U	5.938	pCi/L
FGW022C	2/27/2024	CERIUM-144	157	344.6	U	U	-30.3	pCi/L
FGW022C	6/18/2024	CERIUM-144	119	186.4	U	U	0	pCi/L
FGW022C	6/18/2024	CERIUM-144	116	252.4	U	U	-5.052	pCi/L
FGW022C	2/27/2024	CESIUM-134	16.7	35.2	U	U	5.49	pCi/L
FGW022C	6/18/2024	CESIUM-134	16.4	35.58	U	U	4.33	pCi/L
FGW022C	6/18/2024	CESIUM-134	24.7	25.522	U	U	0.3627	pCi/L
FGW022C	12/18/2024	CESIUM-134	7.35	14.5	U	U	2.27	pCi/L
FGW022C	2/27/2024	CESIUM-137	17.4	36.72	U	U	-0.188	pCi/L
FGW022C	6/18/2024	CESIUM-137	24.4	53.4	U	U	-8.15	pCi/L
FGW022C	6/18/2024	CESIUM-137	20.1	43.9	U	U	-6.623	pCi/L
FGW022C	12/18/2024	CESIUM-137	6.75	14.2	U	U	3.01	pCi/L
FGW022C	6/18/2024	CHLOROBENZENE	0.092	1.0	U	U	1	ug/L
FGW022C	12/18/2024	CHLOROBENZENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	CHLOROETHANE (ETHYL CHLORIDE)	0.64	2.0	U	U	2	ug/L
FGW022C	12/18/2024	CHLOROETHANE (ETHYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	CHLOROETHENE (VINYL CHLORIDE)	0.23	1.0	U	U	1	ug/L
FGW022C	12/18/2024	CHLOROETHENE (VINYL CHLORIDE)	0.333	1.00	U	U	1	ug/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FGW022C	6/18/2024	CHLOROFORM	0.36	1.0	U	U	1	ug/L
FGW022C	12/18/2024	CHLOROFORM	0.333	1.00	J	J	0.46	ug/L
FGW022C	6/18/2024	CHLOROMETHANE (METHYL CHLORIDE)	0.23	2.0	U	U	2	ug/L
FGW022C	12/18/2024	CHLOROMETHANE (METHYL CHLORIDE)	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	CIS-1,2-DICHLOROETHYLENE	0.32	1.0	U	U	1	ug/L
FGW022C	12/18/2024	CIS-1,2-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	CIS-1,3-DICHLOROPROPENE	0.16	1.0	U	U	1	ug/L
FGW022C	12/18/2024	CIS-1,3-DICHLOROPROPENE	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	COBALT-57	10.2	22.4	U	U	-3.53	pCi/L
FGW022C	6/18/2024	COBALT-57	8.88	25.68	U	U	4.85	pCi/L
FGW022C	6/18/2024	COBALT-57	8.84	11.02	U	U	0	pCi/L
FGW022C	2/27/2024	COBALT-58	18.4	39.2	U	U	-1.55	pCi/L
FGW022C	6/18/2024	COBALT-58	12.0	26.06	U	U	4	pCi/L
FGW022C	6/18/2024	COBALT-58	15.6	33.28	U	U	-2.537	pCi/L
FGW022C	2/27/2024	COBALT-60	20.2	22.62	U	U	-0.638	pCi/L
FGW022C	6/18/2024	COBALT-60	15.0	22.28	U	U	6.03	pCi/L
FGW022C	6/18/2024	COBALT-60	11.4	30.64	U	U	3.955	pCi/L
FGW022C	12/18/2024	COBALT-60	7.38	15.6	U	U	4.11	pCi/L
FGW022C	6/18/2024	CUMENE (ISOPROPYLBENZENE)	0.16	1.0	U	U	1	ug/L
FGW022C	12/18/2024	CUMENE (ISOPROPYLBENZENE)	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	CURIUM-242	0.145	0.1842	U	U	-0.024	pCi/L
FGW022C	6/18/2024	CURIUM-242	0.126	0.223	U	U	0	pCi/L
FGW022C	6/18/2024	CURIUM-242	0.110	0.1428	U	U	-0.01644	pCi/L
FGW022C	12/18/2024	CURIUM-242	0.0678	0.159	U	U	0	pCi/L
FGW022C	2/27/2024	CURIUM-243/244	0.183	0.3416	U	U	0.012	pCi/L
FGW022C	6/18/2024	CURIUM-243/244	0.162	0.3002	U	U	-0.00384	pCi/L
FGW022C	6/18/2024	CURIUM-243/244	0.154	0.2974	U	U	0.01645	pCi/L
FGW022C	12/18/2024	CURIUM-243/244	0.145	0.239	U	U	-0.0248	pCi/L
FGW022C	2/27/2024	CURIUM-245/246	0.168	0.3404	U	U	0.0196	pCi/L
FGW022C	6/18/2024	CURIUM-245/246	0.173	0.3414	U	U	0.00296	pCi/L
FGW022C	6/18/2024	CURIUM-245/246	0.131	0.2948	U	U	0.07078	pCi/L
FGW022C	12/18/2024	CURIUM-245/246	0.133	0.235	U	U	-0.0115	pCi/L
FGW022C	2/27/2024	CURIUM-247	0.133	0.319	U	U	0.107	pCi/L
FGW022C	6/18/2024	CURIUM-247	0.152	0.368	U	U	0.136	pCi/L
FGW022C	6/18/2024	CURIUM-247	0.0881	0.2701			0.1475	pCi/L
FGW022C	6/18/2024	CYCLOHEXANE	0.44	1.0	U	U	1	ug/L
FGW022C	12/18/2024	CYCLOHEXANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	DIBROMOCHLOROMETHANE	0.28	1.0	U	U	1	ug/L
FGW022C	12/18/2024	DIBROMOCHLOROMETHANE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	DICHLORODIFLUOROMETHANE	0.30	2.0	U	U	2	ug/L
FGW022C	12/18/2024	DICHLORODIFLUOROMETHANE	0.355	1.00	U	U	1	ug/L
FGW022C	6/18/2024	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.94	2.0	U	U	2	ug/L
FGW022C	12/18/2024	DICHLOROMETHANE (METHYLENE CHLORIDE)	0.500	5.00	U	U	2.33	ug/L
FGW022C	6/18/2024	ETHYLBENZENE	0.14	1.0	U	U	1	ug/L
FGW022C	12/18/2024	ETHYLBENZENE	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	EUROPIUM-152	37.6	85.6	U	U	14.5	pCi/L
FGW022C	6/18/2024	EUROPIUM-152	25.3	56.3	U	U	6.23	pCi/L
FGW022C	6/18/2024	EUROPIUM-152	26.2	69.6	U	U	7.988	pCi/L
FGW022C	12/18/2024	EUROPIUM-152	14.1	30.6	U	U	-7.01	pCi/L
FGW022C	2/27/2024	EUROPIUM-154	28.3	53.3	U	U	7.86	pCi/L
FGW022C	6/18/2024	EUROPIUM-154	22.3	48.5	U	U	-4.95	pCi/L
FGW022C	6/18/2024	EUROPIUM-154	21.2	34.64	U	U	4.901	pCi/L
FGW022C	12/18/2024	EUROPIUM-154	16.8	35.5	U	U	-3.49	pCi/L
FGW022C	2/27/2024	EUROPIUM-155	71.5	121.7	U	U	9.41	pCi/L
FGW022C	6/18/2024	EUROPIUM-155	66.4	144.2	U	U	1.8	pCi/L
FGW022C	6/18/2024	EUROPIUM-155	43.1	94.1	U	U	9.628	pCi/L
FGW022C	12/18/2024	EUROPIUM-155	17.1	36.4	U	U	9.82	pCi/L
FGW022C	2/27/2024	GROSS ALPHA	1.80	25.8			463	pCi/L
FGW022C	6/18/2024	GROSS ALPHA	3.83	51.23			421	pCi/L
FGW022C	12/18/2024	GROSS ALPHA	0.880	25.1			572	pCi/L
FGW022C	2/27/2024	IODINE-129	0.576	1.388			1.41	pCi/L
FGW022C	6/18/2024	IODINE-129	0.645	1.467			0.901	pCi/L
FGW022C	12/18/2024	IODINE-129	1.03	3.23	J	J	1.71	pCi/L
FGW022C	2/27/2024	LEAD-212	33.0	71.6	U	U	-1.21	pCi/L
FGW022C	6/18/2024	LEAD-212	37.7	67.9	U	U	-10.9	pCi/L
FGW022C	6/18/2024	LEAD-212	28.2	60.8	U	U	-1.734	pCi/L
FGW022C	12/18/2024	LEAD-212	12.1	28.5	U	U	4.28	pCi/L
FGW022C	2/27/2024	LEAD-214	22.1	63.7		J	57.5	pCi/L
FGW022C	6/18/2024	LEAD-214	35.6	76.4	U	U	30.1	pCi/L
FGW022C	6/18/2024	LEAD-214	22.9	54.9			39.32	pCi/L
FGW022C	12/18/2024	LEAD-214	11.5	39.9	J	J	21.1	pCi/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FGW022C	6/18/2024	M,P-XYLENE	0.36	2.0	U	U	2	ug/L
FGW022C	12/18/2024	M,P-XYLENE	0.500	2.00	U	U	2	ug/L
FGW022C	2/27/2024	MANGANESE-54	13.0	34.2	U	U	1.9	pCi/L
FGW022C	6/18/2024	MANGANESE-54	11.6	29.54	U	U	-0.201	pCi/L
FGW022C	6/18/2024	MANGANESE-54	13.1	34.3	U	U	-0.9568	pCi/L
FGW022C	6/18/2024	METHYL ACETATE	1.6	5.0	U	U	5	ug/L
FGW022C	12/18/2024	METHYL ACETATE	1.67	5.00	U	U	5	ug/L
FGW022C	6/18/2024	METHYL ETHYL KETONE	4.6	10	U	U	10	ug/L
FGW022C	12/18/2024	METHYL ETHYL KETONE	1.67	5.00	U	U	5	ug/L
FGW022C	6/18/2024	METHYL ISOBUTYL KETONE	0.98	5.0	U	U	5	ug/L
FGW022C	12/18/2024	METHYL ISOBUTYL KETONE	1.67	5.00	U	U	5	ug/L
FGW022C	6/18/2024	METHYL TERTIARY BUTYL ETHER (MTBE)	0.25	5.0	U	U	5	ug/L
FGW022C	12/18/2024	METHYL TERTIARY BUTYL ETHER (MTBE)	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	METHYLCYCLOHEXANE	0.31	1.0	U	U	1	ug/L
FGW022C	12/18/2024	METHYLCYCLOHEXANE	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	NEPTUNIUM-237	0.113	0.439		J	0.371	pCi/L
FGW022C	6/18/2024	NEPTUNIUM-237	0.115	0.379			0.253	pCi/L
FGW022C	6/18/2024	NEPTUNIUM-237	0.127	0.393			0.2481	pCi/L
FGW022C	12/18/2024	NEPTUNIUM-237	0.748	1.72	U	U,UJ	0.386	pCi/L
FGW022C	2/27/2024	NEPTUNIUM-239	76.4	167	U	U	7.9	pCi/L
FGW022C	6/18/2024	NEPTUNIUM-239	64.1	139.9	U	U	-9.27	pCi/L
FGW022C	6/18/2024	NEPTUNIUM-239	42.7	92.5	U	U	2.436	pCi/L
FGW022C	2/27/2024	NIOBIUM-94	13.2	17.18	U	U	1.32	pCi/L
FGW022C	6/18/2024	NIOBIUM-94	13.2	32.94	U	U	-1.84	pCi/L
FGW022C	6/18/2024	NIOBIUM-94	13.6	35.2	U	U	-1.024	pCi/L
FGW022C	6/18/2024	NITRATE	0.90	5.0			29	mg/L
FGW022C	2/27/2024	NITRATE-NITRITE AS NITROGEN	2.2	5.0			28	mg/L
FGW022C	12/18/2024	NITRATE-NITRITE AS NITROGEN	0.850	2.50			32.6	mg/L
FGW022C	2/27/2024	NONVOLATILE BETA	4.19	21.41			607	pCi/L
FGW022C	6/18/2024	NONVOLATILE BETA	7.23	43.23			816	pCi/L
FGW022C	12/18/2024	NONVOLATILE BETA	0.930	26.9			1800	pCi/L
FGW022C	6/18/2024	OXIDATION/REDUCTION POTENTIAL					272	mV
FGW022C	12/18/2024	OXIDATION/REDUCTION POTENTIAL					291	mV
FGW022C	6/18/2024	OXYGEN					7.2	mg/L
FGW022C	12/18/2024	OXYGEN					6.6	mg/L
FGW022C	6/18/2024	O-XYLENE	0.11	1.0	U	U	1	ug/L
FGW022C	12/18/2024	O-XYLENE	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	PH					4	SU
FGW022C	6/18/2024	PH					3.9	SU
FGW022C	12/18/2024	PH					4	SU
FGW022C	6/18/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					0	mg/L
FGW022C	12/18/2024	PHENOLPHTHALEIN ALKALINITY (AS CACO3)					0	mg/L
FGW022C	2/27/2024	PLUTONIUM-238	0.153	0.3136	U	U	0.0379	pCi/L
FGW022C	6/18/2024	PLUTONIUM-238	0.151	0.403			0.192	pCi/L
FGW022C	6/18/2024	PLUTONIUM-238	0.149	0.353	U	U	0.1045	pCi/L
FGW022C	12/18/2024	PLUTONIUM-238	0.146	0.272	U	U	-0.00729	pCi/L
FGW022C	2/27/2024	PLUTONIUM-239/240	0.0816	0.1784	U	U	0.0295	pCi/L
FGW022C	6/18/2024	PLUTONIUM-239/240	0.0859	0.1943	U	U	0.0383	pCi/L
FGW022C	6/18/2024	PLUTONIUM-239/240	0.0958	0.1874	U	U	0.01936	pCi/L
FGW022C	12/18/2024	PLUTONIUM-239/240	0.146	0.319	U	U	0.0231	pCi/L
FGW022C	2/27/2024	PLUTONIUM-242	0.112	0.43		J	0.354	pCi/L
FGW022C	6/18/2024	PLUTONIUM-242	0.0827	0.3107			0.231	pCi/L
FGW022C	6/18/2024	PLUTONIUM-242	0.107	0.335			0.2079	pCi/L
FGW022C	2/27/2024	POTASSIUM-40	126	273.8	U	U	25.2	pCi/L
FGW022C	6/18/2024	POTASSIUM-40	221	539	U	U	-38.7	pCi/L
FGW022C	6/18/2024	POTASSIUM-40	237	585	U	U	-72.63	pCi/L
FGW022C	12/18/2024	POTASSIUM-40	74.2	166	U	U	-83.4	pCi/L
FGW022C	2/27/2024	PROMETHIUM-144	8.56	23.76	U	U	7.41	pCi/L
FGW022C	6/18/2024	PROMETHIUM-144	12.0	31.02	U	U	1.67	pCi/L
FGW022C	6/18/2024	PROMETHIUM-144	6.24	16.58			6.277	pCi/L
FGW022C	2/27/2024	PROMETHIUM-146	12.0	32.2	U	U	10.7	pCi/L
FGW022C	6/18/2024	PROMETHIUM-146	18.3	19.418	U	U	-0.292	pCi/L
FGW022C	6/18/2024	PROMETHIUM-146	15.3	32.62	U	U	4.757	pCi/L
FGW022C	12/18/2024	PROMETHIUM-146	7.10	14.4	U	U	2.01	pCi/L
FGW022C	2/27/2024	PROTACTINIUM-233	65.0	104.6	U	U	-0.189	pCi/L
FGW022C	6/18/2024	PROTACTINIUM-233	73.9	161.3	U	U	1.27	pCi/L
FGW022C	6/18/2024	PROTACTINIUM-233	37.4	80.4	U	U	1.705	pCi/L
FGW022C	2/27/2024	RADIUM-226	0.0878	0.8818			5.62	pCi/L
FGW022C	2/27/2024	RADIUM-226	374	818	U	U	0	pCi/L
FGW022C	6/18/2024	RADIUM-226	22.4	55.6			30	pCi/L
FGW022C	6/18/2024	RADIUM-226	0.149	0.985			5.106	pCi/L

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FGW022C	6/18/2024	RADIUM-226	12.3	52.3			68.44	pCi/L
FGW022C	2/27/2024	RADIUM-228	0.505	4.005			33.8	pCi/L
FGW022C	2/27/2024	RADIUM-228	54.9	96.1	U	U	26	pCi/L
FGW022C	6/18/2024	RADIUM-228	42.5	76.1	U	U	6.94	pCi/L
FGW022C	6/18/2024	RADIUM-228	0.613	5.713			65.51	pCi/L
FGW022C	6/18/2024	RADIUM-228	58.1	156.7	U	U	-19.11	pCi/L
FGW022C	12/18/2024	RADIUM-228	28.7	60.9	U	U	2.01	pCi/L
FGW022C	2/27/2024	RUTHENIUM-103	11.1	28.76	U	U	2.5	pCi/L
FGW022C	6/18/2024	RUTHENIUM-103	13.3	34.3	U	U	-3.31	pCi/L
FGW022C	6/18/2024	RUTHENIUM-103	14.9	38.9	U	U	-6.316	pCi/L
FGW022C	2/27/2024	RUTHENIUM-106	361	653	U	U	27.1	pCi/L
FGW022C	6/18/2024	RUTHENIUM-106	110	280.6	U	U	-2.17	pCi/L
FGW022C	6/18/2024	RUTHENIUM-106	278	602	U	U	19.11	pCi/L
FGW022C	2/27/2024	SODIUM-22	13.2	26.76	U	U	-1.31	pCi/L
FGW022C	6/18/2024	SODIUM-22	16.9	36.66	U	U	-5.54	pCi/L
FGW022C	6/18/2024	SODIUM-22	14.2	29.16	U	U	-0.8158	pCi/L
FGW022C	12/18/2024	SODIUM-22	5.91	12.5	U	U	-1.3	pCi/L
FGW022C	2/27/2024	SPECIFIC CONDUCTANCE					308	uS/cm
FGW022C	6/18/2024	SPECIFIC CONDUCTANCE					306	uS/cm
FGW022C	12/18/2024	SPECIFIC CONDUCTANCE					338	uS/cm
FGW022C	2/27/2024	STRONTIUM-90	0.293	5.433			181	pCi/L
FGW022C	6/18/2024	STRONTIUM-90	0.356	6.716			262	pCi/L
FGW022C	12/18/2024	STRONTIUM-90	1.90	37.9			751	pCi/L
FGW022C	6/18/2024	STYRENE	0.13	1.0	U	U	1	ug/L
FGW022C	12/18/2024	STYRENE	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	TECHNETIUM-99	2.09	9.55			112	pCi/L
FGW022C	6/18/2024	TECHNETIUM-99	1.68	9.82			156	pCi/L
FGW022C	12/18/2024	TECHNETIUM-99	16.3	51.7			182	pCi/L
FGW022C	6/18/2024	TETRACHLOROETHYLENE (PCE)	0.40	1.0	U	U	1	ug/L
FGW022C	12/18/2024	TETRACHLOROETHYLENE (PCE)	0.333	1.00	U	U	1	ug/L
FGW022C	2/27/2024	THALLIUM-208	17.4	18.89	U	U	0.864	pCi/L
FGW022C	6/18/2024	THALLIUM-208	15.5	43.3	U	U	7.67	pCi/L
FGW022C	6/18/2024	THALLIUM-208	15.5	43.1	U	U	3.003	pCi/L
FGW022C	12/18/2024	THALLIUM-208	6.82	15.5	U	U	-1.67	pCi/L
FGW022C	2/27/2024	THORIUM-228	0.219	0.609		J	0.249	pCi/L
FGW022C	6/18/2024	THORIUM-228	0.266	0.642	U	U	0.199	pCi/L
FGW022C	6/18/2024	THORIUM-228	0.252	0.582	U	U	0.1251	pCi/L
FGW022C	12/18/2024	THORIUM-228	0.258	0.524	U	U	0.0342	pCi/L
FGW022C	2/27/2024	THORIUM-230	0.292	0.992		J	0.892	pCi/L
FGW022C	6/18/2024	THORIUM-230	0.257	0.557	U	U	-0.0671	pCi/L
FGW022C	6/18/2024	THORIUM-230	0.245	0.609	U	U	0.1146	pCi/L
FGW022C	12/18/2024	THORIUM-230	0.304	0.592	U	U	0.00734	pCi/L
FGW022C	2/27/2024	THORIUM-232	0.134	0.313	U	U	0.0623	pCi/L
FGW022C	6/18/2024	THORIUM-232	0.130	0.2216	U	U	-0.00554	pCi/L
FGW022C	6/18/2024	THORIUM-232	0.0961	0.1385	U	U	-0.00981	pCi/L
FGW022C	12/18/2024	THORIUM-232	0.236	0.426	U	U	-0.0181	pCi/L
FGW022C	2/27/2024	TIN-113	34.0	74.4	U	U	-8.87	pCi/L
FGW022C	6/18/2024	TIN-113	23.4	44.6	U	U	-1.3	pCi/L
FGW022C	6/18/2024	TIN-113	22.1	48.1	U	U	5.652	pCi/L
FGW022C	2/27/2024	TIN-126	149	327.2	U	U	33.2	pCi/L
FGW022C	6/18/2024	TIN-126	147	319.2	U	U	23.4	pCi/L
FGW022C	6/18/2024	TIN-126	137	300.4	U	U	-30.96	pCi/L
FGW022C	6/18/2024	TOLUENE	0.32	1.0	U	U	1	ug/L
FGW022C	12/18/2024	TOLUENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	TOTAL ALKALINITY (AS CACO3)					0	mg/L
FGW022C	12/18/2024	TOTAL ALKALINITY (AS CACO3)					0	mg/L
FGW022C	6/18/2024	TRANS-1,2-DICHLOROETHYLENE	0.37	1.0	U	U	1	ug/L
FGW022C	12/18/2024	TRANS-1,2-DICHLOROETHYLENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	TRANS-1,3-DICHLOROPROPENE	0.14	1.0	U	U	1	ug/L
FGW022C	12/18/2024	TRANS-1,3-DICHLOROPROPENE	0.333	1.00	U	U	1	ug/L
FGW022C	6/18/2024	TRICHLOROETHYLENE (TCE)	0.30	1.0			10	ug/L
FGW022C	12/18/2024	TRICHLOROETHYLENE (TCE)	0.333	1.00			10.6	ug/L
FGW022C	6/18/2024	TRICHLOROFLUOROMETHANE	0.20	2.0			4.4	ug/L
FGW022C	12/18/2024	TRICHLOROFLUOROMETHANE	0.333	1.00			5.29	ug/L
FGW022C	2/27/2024	TRITIUM	0.306	1.102			5.04	pCi/mL
FGW022C	6/18/2024	TRITIUM	0.315	1.241			4.53	pCi/mL
FGW022C	6/18/2024	TRITIUM	0.307	1.185			4.155	pCi/mL
FGW022C	12/18/2024	TRITIUM	0.719	2.05			3.93	pCi/mL
FGW022C	2/27/2024	TURBIDITY					1	NTU
FGW022C	6/18/2024	TURBIDITY					0.7	NTU
FGW022C	12/18/2024	TURBIDITY					0.3	NTU

Well ID	Date	Analyte	Detection Limit	Quantitation Limit	Lab Qualifier	Review Qualifier	Result	Units
FGW022C	2/27/2024	URANIUM-233/234	0.910	18.29			116	pCi/L
FGW022C	6/18/2024	URANIUM-233/234	3.54	27.34			133	pCi/L
FGW022C	12/18/2024	URANIUM-233/234	4.44	27.2			119	pCi/L
FGW022C	12/18/2024	URANIUM-233/234	4.28	27.3			128	pCi/L
FGW022C	2/27/2024	URANIUM-235	1.13	8.27			15.7	pCi/L
FGW022C	6/18/2024	URANIUM-235	2.85	11.63			13.7	pCi/L
FGW022C	12/18/2024	URANIUM-235/236	3.23	11.8			12.1	pCi/L
FGW022C	12/18/2024	URANIUM-235/236	3.58	12.0	J	J	11.7	pCi/L
FGW022C	2/27/2024	URANIUM-238	1.00	31.6			362	pCi/L
FGW022C	6/18/2024	URANIUM-238	1.65	42.25			394	pCi/L
FGW022C	12/18/2024	URANIUM-238	3.36	42.4			359	pCi/L
FGW022C	12/18/2024	URANIUM-238	3.77	42.4			368	pCi/L
FGW022C	2/27/2024	WATER TEMPERATURE					18.7	degC
FGW022C	6/18/2024	WATER TEMPERATURE					19.5	degC
FGW022C	12/18/2024	WATER TEMPERATURE					19.3	degC
FGW022C	2/27/2024	YTTRIUM-88	16.3	32.16	U	U	3.71	pCi/L
FGW022C	6/18/2024	YTTRIUM-88	21.7	63.3	U	U	-8.62	pCi/L
FGW022C	6/18/2024	YTTRIUM-88	8.38	18.56	U	U	5.688	pCi/L
FGW022C	2/27/2024	ZINC-65	42.4	55.94	U	U	0	pCi/L
FGW022C	6/18/2024	ZINC-65	47.5	103.3	U	U	-13.4	pCi/L
FGW022C	6/18/2024	ZINC-65	30.1	38.24	U	U	0	pCi/L
FGW022C	2/27/2024	ZIRCONIUM-95	12.4	31.52	U	U	4.95	pCi/L
FGW022C	6/18/2024	ZIRCONIUM-95	27.3	65.7	U	U	-14.2	pCi/L
FGW022C	6/18/2024	ZIRCONIUM-95	19.6	51.8	U	U	4.876	pCi/L

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APPENDIX B

2024 Monitoring Well Results
Data Matrix Table and Field Conditions Key Codes

Field Code	Explanation
A	Pump is surging excessively; aerated
B	Blank sample was collected
C	Well is continuously pumping
D	Well is dry-no sample or field data collected
E	Equipment blank was collected
I	Well went dry during sampling; field data collected but insufficient water to collect all samples
L	Well went dry before sampling began; only depth to water can be determined
N	Well was not stabilized before sampling began
P	Inaccessibility or mechanical failure prevented sample collection and field analysis of the water
S	No water in standpipe; for water level events only
T	Samples were collected, but some samples were not sent to the laboratory due to high turbidity
W	Unable to sample well because of stabilization or sampling equipment failure; water-level measurements were obtained
X	Well went dry during purging; samples collected after well recovered measurements obtained
0	OK
1	Pump Dry
2	Sampled after recovery
3	Gallons purged through sample port
4	DI water obtained from 772-7B
5	High turbidity
6	Flow meter leaking
7	Pump failure
8	Flow meter not operating
9	# gallons added
10	Well is inaccessible, well cannot be Sampled
11	Well abandoned
12	No water to surface
13	Field measurements only
14	Not all samples were collected
15	Equipment failure
16	No water in standpipe
17	Bailed well
18	Water level tape not long enough
19	Well not sampled, maintenance required
20	Well sampled, maintenance required
21	Measurement Exceeded Criteria

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Matrix Table GSAWOU 2024

GSA Western GW OU Monitoring Constituents

Field Data

Station	Well Use	Aquifer Zone	SAMPLE COLLECTION DATE (day-month-year)	DEPTH TO WATER (ft)	PH (pH)	SAMPLING EVENT WATER ELEVATION (ft)	SPECIFIC CONDUCTANCE (uS/cm)	TOTAL ALKALINITY (AS CACO3) (mg/L)	WATER TEMPERATURE (degC)	TURBIDITY (NTU)	FIELD CONDITIONS
FRB 1	F Area Retention Basin Plume	UAZ_UTRAU	13-Jun-2024	55.3	5	224.35	40	0	22.1	1.2	No Comments
					5		40	0	22.1	1.2	
			18-Dec-2024	55.5	4.3	224.15	39	0	22.3	1.7	No Comments
FRB 2	F Area Retention Basin Plume	UAZ_UTRAU	13-Jun-2024	51.8	4.9	222.56	45	0	21.8	2.4	No Comments
			18-Dec-2024	51.77	4.8	222.59	45.3	0	20.9	1.9	No Comments
FRB 3	F Area Retention Basin Plume	UAZ_UTRAU	13-Jun-2024	49.6	4.8	222.59	51	0	21	2.3	No Comments
			18-Dec-2024	49.92	4.8	222.27	44.7	0	20.9	1.8	No Comments
FRB 4	F Area Retention Basin Plume	UAZ_UTRAU	13-Jun-2024	48.2	4.7	222.86	45	0	21.4	1.6	No Comments
			18-Dec-2024	48.12	4.8	222.94	43.5	0	20.8	2.3	No Comments
UTR 6	North Plume Seepline Piezometer	LAZ_UTRAU	17-Jun-2024	4.39	7.8	167.61	120	24	22	92.9	No Comments
UTR-016	North Plume Seepline Piezometer	LAZ_UTRAU	17-Jun-2024	4.13	5.1	166.03	40	9	20.5	4.3	No Comments
UTR-003-FOU	North Plume Surface Water	LAZ_UTRAU	17-Jun-2024	NS	7.2	NS	27	16	22.3	19.7	No Comments
UTR-004-FOU	North Plume Surface Water	LAZ_UTRAU	17-Jun-2024	NS	6.8	NS	49	11	21.5	9.1	No Comments
			27-Aug-2024	NS	8.3	NS	47	23	22	8.1	No Comments
FNB 2	North Plume Well	LAZ_UTRAU	05-Mar-2025	84.25	4.3	204.43	60	0	21.1	1.3	No Comments
FNB 5	North Plume Well	LAZ_UTRAU	05-Mar-2025	83.35	5.8	204.35	80	5	19.9	11.5	No Comments
FNB 13	North Plume Well	LAZ_UTRAU	13-Jun-2024	24.75	4.7	190.2	124	0	18.7	2.5	No Comments
FNB 15	North Plume Well	LAZ_UTRAU	13-Jun-2024	77.74	4.9	193.48	193	0	20.1	0.5	No Comments
FGW023	South Plume Seepline Piezometer	LAZ_UTRAU	12-Jun-2024	3.4	4.6	180.74	29	0	18.3	4	No Comments
FGW024	South Plume Surfacewater	LAZ_UTRAU	12-Jun-2024	NS	4.9	NS	36	0	19.9	6.8	No Comments
BRR 1D	South Plume Well	UAZ_UTRAU	12-Jun-2024	83.34	5.6	212.86	44	5	20.3	1.7	No Comments
BRR 6C	South Plume Well	LAZ_UTRAU	13-Jun-2024	87.6	5.3	208.4	50	0	21.1	0.8	No Comments
BRR 6D	South Plume Well	UAZ_UTRAU	12-Jun-2024	92.39	6.4	203.81	60	11	20.4	4.7	No Comments
BRR 7C	South Plume Well	LAZ_UTRAU	12-Jun-2024	83.96	5.2	207.14	52	3	21.7	2.8	No Comments
FGW012 C	South Plume Well	LAZ_UTRAU	13-Jun-2024	82.09	4.6	204.28	250	0	20.2	0.4	No Comments
FGW012 D	South Plume Well	UAZ_UTRAU	13-Jun-2024	77.4	4.8	209.15	32	0	19.9	3.2	No Comments
FSB 76C	South Plume Well	LAZ_UTRAU	13-Jun-2024	83.4	5.6	210.4	50	9	21	1.8	No Comments
FSL 4D	South Plume Well	UAZ_UTRAU	13-Jun-2024	79.04	5.2	215.76	60	2	22.4	2	No Comments
FSL 5D	South Plume Well	UAZ_UTRAU	13-Jun-2024	75	5.6	217.4	63	6	22.4	0.8	No Comments
FSL 6D	South Plume Well	UAZ_UTRAU	13-Jun-2024	70.2	5.2	216.6	128	8	22.7	4.1	No Comments
FSL 7D	South Plume Well	UAZ_UTRAU	13-Jun-2024	72.6	4.1	215	111	0	21.7	0.9	No Comments
			27-Aug-2024	72.86	4.4	214.74	62	0	21.3	0.6	No Comments
FSL 11C	South Plume Well	LAZ_UTRAU	13-Jun-2024	90.6	5.4	210.13	46	1	22.1	0.3	No Comments
FTF 28	South Plume Well	LAZ_UTRAU	13-Jun-2024	85.52	5.1	211.2	40	0	23.6	0.3	No Comments
			27-Aug-2024	85.42	4.7	211.3	35	0	22.8	0.5	No Comments
UTR018R	West Plume Seepline Piezometer	LAZ_UTRAU	17-Jun-2024	7.23	6.6	148.27	89	18	25.6	320	No Comments
UTR-005-FOU	West Plume Surface Water	LAZ_UTRAU	NS	NS	NS	NS	NS	NS	NS	NS	D
FBP 2A	West Plume Well	LAZ_UTRAU	12-Jun-2024	106.34	4.8	182.96	76	0	19.7	0.9	No Comments
FBP 6D	West Plume Well	UAZ_UTRAU	12-Jun-2024	102.95	5.6	186.95	77	9	19.7	2.2	No Comments
FBP 10D	West Plume Well	UAZ_UTRAU	12-Jun-2024	90.5	7.2	195.8	281	69	20.6	10.1	No Comments
FBP 12D	West Plume Well	UAZ_UTRAU	12-Jun-2024	87.78	4.5	202.82	76	0	20.9	1.2	No Comments
FBP 43C	West Plume Well	LAZ_UTRAU	27-Feb-2024	46.87	6.8	206.83	288	48	19.8	0.4	No Comments
					6.8		288	48	19.8	0.4	
			13-Jun-2024	46.62	6.9	207.08	290	73	21.5	0.4	No Comments
					6.9		290	73	21.5	0.4	
			27-Aug-2024	46.68	6.9	207.02	251	71	20.7	0.3	No Comments
			18-Dec-2024	46.51	7	207.19	283	83	20.1	0.6	No Comments
					7		283	83	20.1	0.6	
FBP 43DL	West Plume Well	UAZ_UTRAU	13-Jun-2024	45.8	7.9	208.02	382	87	19.9	0.3	No Comments
FBP001AR	West Plume Well	UAZ_UTRAU	12-Jun-2024	86.63	4.7	201.91	50	0	20.2	5.4	No Comments
FGW003 C	West Plume Well	LAZ_UTRAU	13-Jun-2024	100.7	4.6	210.94	341	0	22.9	0.7	No Comments
FGW005 C	West Plume Well	LAZ_UTRAU	27-Feb-2024	0	4.2	309.46	326	NS	21.1	0.4	No Comments
			18-Jun-2024	96.72	3.7	212.74	358	NS	21.4	16.4	No Comments
			18-Dec-2024	95.32	3	214.14	502	NS	21.3	13.8	No Comments
FGW019C	West Plume Well	LAZ_UTRAU	13-Jun-2024	82.12	5.2	203.69	14	2	19.4	0.9	No Comments
FGW022C	West Plume Well	LAZ_UTRAU	27-Feb-2024	57.05	4	209.35	308	NS	18.7	1	No Comments
			18-Jun-2024	56.7	3.9	209.7	306	0	19.5	0.7	No Comments
			18-Dec-2024	56.46	4	209.94	338	0	19.3	0.3	No Comments
FSL 2D	West Plume Well	UAZ_UTRAU	13-Jun-2024	82.92	4.9	223.58	106	0	22.7	0.9	No Comments

Inorganics and Radionuclides

Station	Sample Collection Date	NITRATE-NITRITE AS NITROGEN (mg/L)	CESIUM-137 (pCi/L)	COMBINED RADIUM (226 AND 228) (pCi/L)	GROSS ALPHA (pCi/L)	IODINE-129 (pCi/L)	NONVOLATILE BETA (pCi/L)	RADIUM-226 (pCi/L)	RADIUM-228 (pCi/L)	STRONTIUM-90 (pCi/L)	TECHNETIUM-99 (pCi/L)	TRITIUM (pCi/mL)	URANIUM-233/234 (pCi/L)	URANIUM-238 (pCi/L)
GWPS		10	200	5	15	1	50	5	5	8	900	20	15	15
FRB 1	13-Jun-2024	NS	<EQL (31.3)	2.16	[2.36]	NS	<EQL (2.002)	2.16	NS	<EQL (0.531)	NS	NS	NS	NS
	18-Dec-2024	NS	<EQL (11.9)	2.51	3.85	NS	[1.74]	2.51	NS	<EQL (4.52)	NS	NS	NS	NS
FRB 2	13-Jun-2024	NS	<EQL (28.44)	0.965	[1.48]	NS	<EQL (2.044)	0.965	NS	<EQL (0.889)	NS	NS	NS	NS
	18-Dec-2024	NS	<EQL (14.4)	1.66	[1.63]	NS	<EQL (2.03)	1.66	NS	<EQL (12.6)	NS	NS	NS	NS
FRB 3	13-Jun-2024	NS	<EQL (36.34)	0.847	[1.11]	NS	[1.19]	0.847	NS	<EQL (0.511)	NS	NS	NS	NS
	18-Dec-2024	NS	<EQL (21.6)	2.61	<EQL (1.9)	NS	[1.17]	2.61	NS	<EQL (6.47)	NS	NS	NS	NS
FRB 4	13-Jun-2024	NS	<EQL (47.9)	1.33	[1.74]	NS	<EQL (2.139)	1.33	NS	<EQL (0.495)	NS	NS	NS	NS
	18-Dec-2024	NS	<EQL (15.7)	2.16	[1.38]	NS	[1.8]	2.16	NS	<EQL (6.77)	NS	NS	NS	NS
UTR 6	17-Jun-2024	<EQL (0.5)	NS	NS	2.87	<EQL (2.796)	[25.7]	NS	NS	<EQL (0.713)	NS	[1.81]	NS	NS
UTR-016	17-Jun-2024	0.9	NS	NS	1.16	<EQL (2.768)	11.9	NS	NS	3.85	NS	2.47	NS	NS
UTR-003-FOU	17-Jun-2024	[0.14]	NS	NS	<EQL (2.61)	13.1	3.64	NS	NS	1.31	NS	1.35	NS	NS
UTR-004-FOU	17-Jun-2024	1.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Aug-2024	NS	NS	NS	<EQL (2.838)	<EQL (1.065)	2.33	NS	NS	<EQL (0.691)	NS	1.34	NS	NS
FNB 2	05-Mar-2025	3.79	NS	NS	11.9	8.35	35	NS	NS	11.1	NS	1.56	NS	NS
FNB 5	05-Mar-2025	3.73	NS	NS	[1.26]	3.42	3.39	NS	NS	<EQL (4.75)	NS	1.62	NS	NS
FNB 13	13-Jun-2024	11	NS	NS	[3.08]	<EQL (2.742)	[54.1]	NS	NS	7.54	NS	9.11	NS	NS
FNB 15	13-Jun-2024	20	NS	NS	[3.78]	2.44	[61.2]	NS	NS	2.63	NS	10.7	NS	NS
FGW023	12-Jun-2024	0.81	NS	[0.236]	<EQL (1.951)	<EQL (1.372)	14	[0.236]	<EQL (1.177)	<EQL (0.522)	21.1	1.79	<EQL (0.2544)	<EQL (0.1754)
FGW024	12-Jun-2024	[0.48]	NS	[0.17]	<EQL (2.277)	10.5	6.66	[0.17]	<EQL (1.582)	<EQL (0.82)	11.1	5.74	<EQL (0.517)	<EQL (0.4344)
BRR 1D	12-Jun-2024	1.8	NS	0.232	<EQL (2.4)	<EQL (1.839)	<EQL (1.955)	0.232	<EQL (1.186)	<EQL (0.603)	[7.14]	0.726	<EQL (0.2828)	<EQL (0.1522)
BRR 6C	13-Jun-2024	1.2	NS	0.23	<EQL (2.788)	<EQL (1.176)	128	0.23	<EQL (0.989)	<EQL (0.662)	178	0.802	<EQL (0.1936)	<EQL (0.1551)
BRR 6D	12-Jun-2024	0.62	NS	<EQL ()	<EQL (2.566)	<EQL (1.484)	39.8	<EQL (0.3588)	<EQL (1.151)	<EQL (0.594)	61.9	0.388	<EQL (0.232)	<EQL (0.10258)
BRR 7C	12-Jun-2024	3.3	NS	<EQL ()	<EQL (2.54)	<EQL (1.685)	1.79	[0.198]	<EQL (1.186)	<EQL (0.561)	[2.05]	5.55	<EQL (0.312)	<EQL (0.2924)
FGW012 C	13-Jun-2024	22	NS	[0.696]	[4.07]	1.65	[218]	3.39	[0.696]	<EQL (0.545)	398	127	<EQL (0.2244)	<EQL (0.2432)
FGW012 D	13-Jun-2024	1.4	NS	[0.496]	<EQL (2.87)	<EQL (2.59)	<EQL (1.941)	0.997	[0.496]	<EQL (0.57)	<EQL (3.656)	2.63	<EQL (0.2208)	<EQL (0.1891)
FSB 76C	13-Jun-2024	1.4	NS	<EQL ()	<EQL (2.558)	<EQL (1.324)	<EQL (1.846)	[0.225]	<EQL (1.394)	<EQL (0.59)	<EQL (3.642)	[0.777]	<EQL (0.1976)	<EQL (0.11572)
FSL 4D	13-Jun-2024	2.4	NS	[0.284]	<EQL (2.886)	<EQL (2.674)	<EQL (1.975)	[0.284]	<EQL (1.718)	[0.528]	<EQL (3.71)	[0.962]	<EQL (0.2836)	[0.114]
FSL 5D	13-Jun-2024	2.5	NS	[2.21]	[1.88]	[1.35]	266	1.02	[1.19]	[0.311]	390	[2.56]	<EQL (0.1374)	<EQL (0.09244)
FSL 6D	13-Jun-2024	0.64	NS	1.41	<EQL (3.068)	26.5	7.81	0.3	1.11	1.33	9.71	[0.998]	<EQL (0.286)	<EQL (0.2742)
FSL 7D	13-Jun-2024	10	NS	NS	NS	<EQL (1.437)	NS	NS	NS	NS	NS	9.83	NS	NS
	27-Aug-2024	NS	NS	10.69	4.65	NS	40.6	3.6	7.09	27.4	9.15	NS	<EQL (0.2442)	<EQL (0.2236)
FSL 11C	13-Jun-2024	1.8	NS	[0.362]	<EQL (2.206)	<EQL (1.808)	99.2	[0.362]	<EQL (1.548)	<EQL (0.58)	166	[1.94]	<EQL (0.281)	<EQL (0.1117)
FTF 28	13-Jun-2024	1.9	NS	NS	NS	<EQL (1.468)	NS	NS	NS	NS	NS	[1.06]	NS	NS
	27-Aug-2024	NS	NS	[0.822]	<EQL (2.92)	NS	821	[0.21]	[0.612]	<EQL (0.594)	1160	NS	<EQL (0.2268)	<EQL (0.2159)
UTR018R	17-Jun-2024	[0.16]	NS	NS	146	NS	268	NS	NS	NS	NS	[0.669]	NS	NS
UTR-005-FOU	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FBP 2A	12-Jun-2024	2.6	NS	NS	[1.42]	NS	[7.33]	NS	NS	NS	NS	[0.527]	NS	NS
FBP 6D	12-Jun-2024	1.4	NS	NS	[2.16]	NS	[2.04]	NS	NS	NS	NS	[0.595]	NS	NS
FBP 10D	12-Jun-2024	8.1	NS	NS	<EQL (5.33)	NS	24.5	NS	NS	NS	NS	1.4	NS	NS
FBP 12D	12-Jun-2024	5.5	NS	NS	[1.52]	NS	[14.5]	NS	NS	NS	NS	1.06	NS	NS
FBP 43C	27-Feb-2024	13	<EQL (33.62)	<EQL ()	<EQL (3.91)	<EQL (1.141)	72.3	<EQL (0.1776)	<EQL (177.3)	[0.349]	137	0.892	0.107	<EQL (0.1865)
				[1.29]				<EQL (706)	[1.29]					
	13-Jun-2024	12	<EQL (50.4)	<EQL ()	<EQL (4.55)	<EQL (1.385)	45.9	<EQL (0.263)	<EQL (1.22)	<EQL (0.655)	109	0.857	[0.0932]	<EQL (0.1471)
		12		[300]		<EQL (1.454)		[300]	<EQL (127)			[0.861]		
	27-Aug-2024	NS	<EQL (53.7)	[347]	<EQL (4.04)	NS	62.8	[347]	<EQL (121.2)	<EQL (0.78)	125	NS	<EQL (0.2822)	<EQL (0.182)
	18-Dec-2024	13.6	<EQL (16.7)	<EQL ()	<EQL (1.82)	<EQL (0.732)	28.1	<EQL (353)	<EQL (63)	<EQL (6.93)	154	<EQL (1.61)	<EQL (0.541)	<EQL (0.475)
FBP 43DL	13-Jun-2024	21	NS	NS	<EQL (5.54)	NS	96.5	NS	NS	NS	NS	1.33	NS	NS
FBP001AR	12-Jun-2024	2.9	NS	NS	[2.23]	NS	[5.09]	NS	NS	NS	NS	1.14	NS	NS
FGW003 C	13-Jun-2024	24	NS	NS	<EQL (4.06)	NS	25.2	NS	NS	NS	NS	22	NS	NS
FGW005 C	27-Feb-2024	31	<EQL (66.5)	<EQL ()	1610	2.31	559000	<EQL (1921)	<EQL (152.2)	314000	456	3.53	281	981
				71132				[32.5]	71100					
	18-Jun-2024	39	<EQL (133.4)	<EQL ()	217	2.42	113000	NS	<EQL (154.8)	340000	417	4.48	331	1110
	18-Dec-2024	33.9	<EQL (24.2)	<EQL ()	[695]	[3.54]	669000	<EQL (1700)	<EQL (85.9)	[314000]	512	114	343	1180
FGW019C	13-Jun-2024	[0.12]	NS	NS	<EQL (2.378)	NS	[1.01]	NS	NS	NS	NS	[0.478]	NS	NS
FGW022C	27-Feb-2024	28	<EQL (36.72)	39.42	463	1.41	607	5.62	33.8	181	112	5.04	116	362
				<EQL ()				<EQL (818)	<EQL (96.1)					
	18-Jun-2024	29	<EQL (53.4)	30	421	0.901	816	40	<EQL (76.1)	262	156	4.53	133	394
	18-Dec-2024	32.6	<EQL (14.2)	<EQL ()	572	[1.71]	1800	NS	<EQL (60.9)	751	182	3.93	119	359
FSL 2D	13-Jun-2024	8.2	NS	NS	<EQL (2.662)	NS	9.09	NS	NS	NS	NS	[59.3]	NS	NS

VOC (part 1, ug/L)

Station	Sample Collection Date	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHYLENE	1,2,3-TRICHLOROBENZENE	1,2,4-TRICHLOROBENZENE	1,2-DIBROMO-3-CHLOROPROPANE	1,2-DIBROMOETHANE	1,2-DICHLOROBENZENE	1,2-DICHLOROETHANE (EDC)	1,2-DICHLOROPROPANE	1,3-DICHLOROBENZENE	1,4-DICHLOROBENZENE	1,4-DIOXANE	2-HEXANONE	ACETONE	BENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM (TRIBROMOMETHANE)	BROMOMETHANE (METHYL BROMIDE)	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	CHLOROETHANE (ETHYL CHLORIDE)	CHLOROETHENE (VINYL CHLORIDE)
FRB 1	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FRB 2	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FRB 3	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FRB 4	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
UTR 6	17-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
UTR-016	17-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
UTR-003-FOU	17-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
UTR-004-FOU	17-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
	27-Aug-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FNB 2	05-Mar-2025	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (50)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FNB 5	05-Mar-2025	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (50)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FNB 13	13-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
FNB 15	13-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
FGW023	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FGW024	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BRR 1D	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BRR 6C	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BRR 6D	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BRR 7C	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FGW012 C	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FGW012 D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSB 76C	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 4D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 5D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 6D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 7D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Aug-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 11C	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FTF 28	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Aug-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
UTR018R	17-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
UTR-005-FOU	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FBP 2A	12-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	[0.58]	<EQL (1)	<EQL (2)	<EQL (1)
FBP 6D	12-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	1.2	<EQL (1)	<EQL (2)	<EQL (1)
FBP 10D	12-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	[0.64]	<EQL (1)	<EQL (2)	<EQL (1)
FBP 12D	12-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	[0.52]	<EQL (1)	<EQL (2)	<EQL (1)
FBP 43C	27-Feb-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	13-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	[0.42]	<EQL (1)	<EQL (2)	<EQL (1)
		<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	[0.44]	<EQL (1)	<EQL (2)	<EQL (1)
	27-Aug-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Dec-2024	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (50)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FBP 43DL	13-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	[0.19]	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	[0.54]	<EQL (1)	<EQL (2)	<EQL (1)
FBP001AR	12-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
FGW003 C	13-Jun-2024	<EQL (1)	<EQL (1)	[1.6]	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	[0.22]	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
FGW005 C	27-Feb-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
	18-Dec-2024	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (50)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FGW019C	13-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
FGW022C	27-Feb-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (1)
	18-Dec-2024	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (50)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FSL 2D	13-Jun-2024	<EQL (1)	<EQL (1)	<EQL (3)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (4)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (40)	<EQL (5)	<EQL (15)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (2)	[0.24]	<EQL (1)	<EQL (2)	<EQL (1)

VOC (part 2)

Station	Sample Collection Date	CHLOROFORM (ug/L)	CHLOROMETHANE (METHYL CHLORIDE) (ug/L)	CIS-1,2-DICHLOROETHYLENE (ug/L)	CIS-1,3-DICHLOROPROPENE (ug/L)	CUMENE (ISOPROPYLBENZENE) (ug/L)	CYCLOHEXANE (ug/L)	CYCLOHEXYLAMINE (N/A)	DIBROMOCHLOROMETHANE (ug/L)	DICHLORODIFLUOROMETHANE (ug/L)	DICHLOROMETHANE (METHYLENE CHLORIDE) (ug/L)	ETHYLBENZENE (ug/L)	M,P-XYLENE (ug/L)	METHYL ACETATE (ug/L)	METHYL ETHYL KETONE (ug/L)	METHYL ISOBUTYL KETONE (ug/L)	METHYL TERTIARY BUTYL ETHER (MTBE) (ug/L)	METHYLCYCLOHEXANE (ug/L)	O-XYLENE (ug/L)	STYRENE (ug/L)	TETRACHLOROETHYLENE (PCE) (ug/L)	TOLUENE (ug/L)	TRANS-1,2-DICHLOROETHYLENE (ug/L)	TRANS-1,3-DICHLOROPROPENE (ug/L)	TRICHLOROETHYLENE (TCE) (ug/L)	TRICHLOROFLUOROMETHANE (mg/L)
GWPS																					5				5	5
FRB 1	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (1)	NS
	18-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (1)	NS
FRB 2	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (1)	NS
	18-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (1)	NS
FRB 3	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (1)	NS
	18-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (1)	NS
FRB 4	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (1)	NS
	18-Dec-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (1)	NS
UTR 6	17-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)
UTR-016	17-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)
UTR-003-FOU	17-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)
UTR-004-FOU	17-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)
	27-Aug-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FNB 2	05-Mar-2025	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FNB 5	05-Mar-2025	1.07	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)
FNB 13	13-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	[0.56]	<EQL (1)	<EQL (1)	<EQL (1)	8.1	[1.1]
FNB 15	13-Jun-2024	[0.45]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	[0.67]	<EQL (1)	<EQL (1)	<EQL (1)	10	[1.6]
FGW023	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FGW024	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BRR 1D	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BRR 6C	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BRR 6D	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BRR 7C	12-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FGW012 C	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FGW012 D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSB 76C	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 4D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 5D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 6D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 7D	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Aug-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FSL 11C	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FTF 28	13-Jun-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	27-Aug-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
UTR018R	17-Jun-2024	[0.36]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	1.8	<EQL (1)	<EQL (1)	<EQL (1)	2.3	3
UTR-005-FOU	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
FBP 2A	12-Jun-2024	[0.56]	<EQL (2)	[0.5]	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	5.7	<EQL (1)	<EQL (1)	<EQL (1)	9.9	4.5
FBP 6D	12-Jun-2024	[0.65]	<EQL (2)	[0.66]	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	9.8	<EQL (1)	<EQL (1)	<EQL (1)	15	8.1
FBP 10D	12-Jun-2024	[0.46]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	6.1	12
FBP 12D	12-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	2.8	8.6
FBP 43C	27-Feb-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	13-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	[0.52]	<EQL (1)	<EQL (1)	<EQL (1)	12	12
		[0.37]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)		<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	[0.57]	<EQL (1)	<EQL (1)	<EQL (1)	12	12
	27-Aug-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Dec-2024	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[0.39]	<EQL (1)	<EQL (1)	<EQL (1)	10.7	13.2
FBP 43DL	13-Jun-2024	[0.5]	<EQL (2)	[0.42]	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	[0.92]	<EQL (1)	<EQL (1)	<EQL (1)	21	19
FBP001AR	12-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	1.2	2.6
FGW003 C	13-Jun-2024	[0.89]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	[0.48]	<EQL (1)	<EQL (1)	<EQL (1)	47	4
FGW005 C	27-Feb-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Jun-2024	[0.41]	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	10	4.7
	18-Dec-2024	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	8.96	3.59
FGW019C	13-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (2)
FGW022C	27-Feb-2024	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	18-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	10	4.4
	18-Dec-2024	[0.46]	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (1)	<EQL (5)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	10.6	5.29
FSL 2D	13-Jun-2024	<EQL (1)	<EQL (2)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	NS	<EQL (1)	<EQL (2)	<EQL (2)	<EQL (1)	<EQL (2)	<EQL (5)	<EQL (10)	<EQL (5)	<EQL (5)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	<EQL (1)	[1.5]

Explanation

Key	Meaning
[##]	EPA Functional Guideline Code of 'J' was applied to the result, indicating an estimated quanity.
<EQL(##)	Constituent was below detection. The sample-specific Estimated Quantitation Limit is in parentheses.
(red)	Result exceeds applicable limit.
REJ	Result Rejected.
(white)	Result is less than the applicable limit and without EPA Functional Guidline qualifiers.
NS	Requested to be sampled but was not. See comments as to why not.
Blue Text	Not a required sample analysis.