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DTE

April 28, 2023
NRC-23-0017

TS 5.6.2
TS 5.6.3
10 CFR 72.44(d)(3)

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

Fermi 2 Power Plant
NRC Docket No. 50-341
NRC License No. NPF-43

Subject: Annual Radioactive Effluent Release Report
and Radiological Environmental Operating Report

In accordance with Technical Specifications (TS) 5.6.2 and 5.6.3, DTE Electric Company hereby submits the Annual Radioactive Effluent Release Report and the Annual Radiological Environmental Operating Report for Fermi 2. Enclosure 1 provides the 2022 Annual Radioactive Effluent Release Report. Enclosure 2 provides the 2022 Annual Radiological Environmental Operating Report. Both reports cover the time period from January 1, 2022 through December 31, 2022.

Enclosure 1 also includes the Independent Spent Fuel Storage Installation (ISFSI) Environmental Report as required by 10 CFR 72.44(d)(3). The ISFSI Environmental Report covers the time period from January 1, 2022 through December 31, 2022.

No new commitments are being made in this submittal.

Should you have any questions regarding these reports, please contact Ms. Jerri Walters, Manager - Radiation Protection, at (734) 586-7066.

Sincerely,



Eric Olson
Site Vice President

USNRC
NRC-23-0017
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Enclosures: 1) Annual Radioactive Effluent Release Report
2) Annual Radiological Environmental Operating Report

cc: NRC Project Manager
NRC Resident Office
Regional Administrator, Region III

**Enclosure 1 to
NRC-23-0017**

**Fermi 2 NRC Docket No. 50-341
Operating License No. NPF-43**

Fermi 2 Annual Radioactive Effluent Release Report

FERMI 2 POWER PLANT
DTE Electric Company
OPERATING LICENSE NO. NPF - 43

2022

Annual Radioactive Effluent Release Report

for the period of
January 1, 2022 through December 31, 2022

Prepared by:

Fermi 2
Radiological Engineering

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Executive Summary

This report is published to provide information regarding radioactive effluent monitoring at the Fermi 2 nuclear power plant, including the Independent Spent Fuel Storage Installation (ISFSI). The 2022 Annual Radioactive Effluent Release Report covers the period from January 1, 2022 through December 31, 2022.

The Radioactive Effluent Release Report is produced annually, to document plant releases and offsite dose resulting from these releases. The data presented indicate that the operation of Fermi 2 results in offsite radiation exposures that are well below the applicable allowable levels set by the Nuclear Regulatory Commission (NRC) and the Environmental Protection Agency (EPA).

There were no releases of liquid radioactive effluents from Fermi 2 in 2022. Data on releases of radioactive isotopes in gaseous effluents, as well as regulatory limits and sampling methods for these releases, are contained in the body of the report and in Appendix A.

Regulatory limits for radioactive effluents pertain to allowable offsite doses rather than to quantities of radioactivity released. The highest potential single organ dose to a person of any age group living offsite due to iodines, particulates, tritium, and carbon-14 released from the plant was calculated to be 0.46 mrem to the bone. This corresponds to 3.1% of the federal limit of 15 mrem to any organ specified in 10 CFR 50, Appendix I.

During 2022, no direct radiation dose to members of the public beyond the site boundary was attributed to the operation of Fermi 2, based on analysis of readings of thermoluminescent dosimeters (TLDs) placed at various locations near the Fermi site. The offsite dose due to effluents is a small fraction of the 40 CFR 190 limits. Therefore, the combined direct radiation and effluent dose due to Fermi 2 was in compliance with 40 CFR 190 in 2022.

Data on radioactivity contained in radioactive waste shipments from Fermi 2 to points offsite are contained in the body of the report and in Appendix A. Appendix B of this report describes the Fermi Integrated Ground Water Protection Program. This program was established as part of the site's commitment to conformance with an industry-wide ground water protection initiative. This appendix also contains the results of 2022 quarterly ground water sampling, from 60 monitor wells around Fermi 2 (ground water sampling has been performed under this program since the fall of 2007). Appendix C of this report provides data on tritium concentrations in rainwater samples collected onsite which represent recapture as described in NRC RIS 2008-03. Appendix D of this report contains the meteorological joint frequency distribution tables of wind speed measurements for 2022. Additional sections of the report (in the report body) address Off Site Dose Calculation Manual (ODCM) required monitors which were out of service for more than 30 days in 2022, ODCM revisions, major changes in radioactive waste processing, the contents of outside temporary tanks, abnormal releases, errata to previous years' reports, and ISFSI monitoring.

Introduction

During the normal operation of a nuclear power plant, most of the fission products are retained within the fuel and fuel cladding. However, small amounts of radioactive fission products and trace amounts of the component and structure surface corrosion products that have been activated are present in the primary coolant water, as well as tritium and carbon-14. The five types of radioactive material released are noble gases, iodines, particulates, tritium, and carbon-14.

Noble Gases

Some of the fission products released in airborne effluents are radioactive isotopes of noble gases, such as xenon and krypton. These noble gases are released continuously at low levels while the reactor is operating. Noble gas releases to the environment are reduced by plant systems which delay release of these gases from the plant, which allows a portion of the noble gas activity to decay within plant systems prior to release.

Noble gases are biologically and chemically nonreactive and are readily dispersed in the atmosphere. They do not concentrate in humans or other organisms; however, they contribute to human radiation dose by being an external source of radiation exposure to the body.

Iodines and Particulates

Fermi 2 calculates offsite dose due to releases of iodine-131 and iodine-133, which are radioisotopes of iodine with half-lives of 8 days and 1 day, respectively, and particulates with half-lives greater than 8 days in gaseous and liquid effluents, and tritium. The principal radioactive particulates released are fission products (e.g., yttrium-91m and barium-139) and activation products (e.g., cobalt-58 and cobalt-60). Gaseous and liquid processing systems, and radioactive waste systems, minimize their discharge.

The main contribution of radioactive iodine to human radiation dose is to the thyroid gland, where the body concentrates iodine. This exposure results from inhalation or ingestion of these iodines. Radioactive isotopes such as cesiums and cobalts, when ingested or inhaled, contribute to radiation exposure of tissues such as the muscle, liver, and intestines. These iodines and particulates are also a source of external radiation exposure if deposited on the ground.

Tritium

For a boiling water reactor (BWR) plant like Fermi 2, tritium, a radioactive isotope of hydrogen with a half-life of 12.3 years, is released predominantly in the chemical form of tritiated water HTO (^3HOH), in which a tritium nucleus replaces the proton in one of the hydrogen atoms in a regular water molecule (H_2O). It is detected at Fermi 2 primarily in ventilation exhaust samples. The total tritium activity released in 2022 is 37.6 curies, as shown in Table 4.

Carbon-14

Starting in 2009, U.S. nuclear power plants are expected to report releases of carbon-14 (C-14, half-life of approximately 5730 years, decays to N-14 through β -decay). The releases reported are based on calculations using the thermal power rating of the unit and 2022 monthly capacity factors. These calculations conform to a method recommended by the Electric Power Research Institute (EPRI).

US-NRC Regulatory Guide 1.21, Revision 2 states, “The quantity of C-14 discharged can be estimated by sample measurements or by use of a normalized C-14 source term and scaling factors based on power generation.” In a public meeting held on January 20, 2011, US-NRC commission agreed to accept the method developed by the Electric Power Research Institute Technical Report “Estimation of Carbon-14 in Nuclear Power Plant Effluents, EPRI Report 1021106”. As a proxy value, EPRI suggested the use of a BWR scale factor of 5.1 Ci per GWth-year thermal power production for C-14 release.

For Boiling Water Reactors, 80-95% of C-14 in airborne releases is in the chemical form of $^{14}\text{CO}_2$, 5-20% of C-14 released is in the form of C-14 hydrocarbons (International Atomic Energy Agency, July 2004, Technical Reports Series No. 421, Management of Waste Containing Tritium and Carbon-14). For dose calculation, we followed USNRC Regulatory Guide 1.109 (1977), and conservatively assumed that all C-14 is in the oxide form (CO or CO_2).

The total 2022 C-14 release for Fermi 2 is estimated to be 12.0 curies, as shown in Table 4.

Plant Effluent Monitoring

Effluents are strictly monitored to ensure that radioactivity released to the environment is as low as reasonably achievable and does not exceed regulatory limits. Effluent control includes the operation of monitoring systems, in-plant and environmental sampling and analyses programs, quality assurance programs for effluent and environmental programs, and procedures covering all aspects of effluent and environmental monitoring.

The radioactive waste treatment systems at Fermi 2 are designed to collect, process, and/or delay the release of liquid and gaseous wastes that contain radioactivity. For example, the 2.0 and 2.2 minute holdup pipes delay the release of radioactive gases so that radioactive decay can occur prior to release. The off-gas system provides additional delay for such gases.

Radioactivity monitoring systems are used to verify that all releases are below regulatory limits. These instruments provide a continuous indication of radioactivity present at the release points. Each instrument is equipped with alarms and indicators in the control room. The alarm setpoints are low enough to ensure that applicable limits will not be exceeded. In some cases, these alarms restrict the release. For example, several alarms cause building ventilation systems to be shut down and/or gaseous releases to be diverted to the standby gas treatment system.

All liquid and gaseous radioactive effluents are evaluated to identify the specific concentrations of radionuclides being released. Sampling and analysis provide a more sensitive and precise method of determining effluent composition than monitoring instruments.

A meteorological tower is located on the Fermi 2 site. It is linked to computers that record the meteorological data. This data is used in calculating dispersion and deposition factors, which are essentially dilution factors between plant release points and points offsite. Coupled with the effluent release data, these factors are used to calculate dose to the public.

Beyond the plant, devices maintained in conjunction with the Radiological Environmental Monitoring Program constantly sample the air in the surrounding environment. Also, frequent samples of other environmental media, such as water and vegetation, are collected to verify that the station radiological effluent program is being appropriately implemented without adverse impact to the surrounding environment.

Exposure Pathways to People

Radiological exposure pathways define the methods by which people may become exposed to radioactive material. The major pathways of concern are those that could cause the highest calculated radiation dose. These projected pathways are determined from the type and amount of radioactive material released, the environmental transport mechanism, and the use of the environment. The environmental transport mechanism includes consideration of physical factors, such as the hydrological and meteorological characteristics of the area.

An important factor in evaluating the exposure pathways is the use of the environment. This is evaluated in the annual Land Use Census. Many factors are considered, such as the locations of homes, gardens, and milk or meat animals in the area.

The release of radioactive gaseous effluents involves pathways such as external whole-body exposure, deposition of radioactive material on plants, deposition on soil, inhalation and ingestion by animals raised for human consumption, and inhalation by humans. The release of radioactive material in liquid effluents involves pathways such as drinking water and fish consumption.

Although radionuclides can reach humans by many different pathways, some result in greater dose than others. The most significant pathway is the exposure pathway that will provide the greatest dose to a population, or to a specific individual. Identification of the most significant pathway depends on the radionuclides involved, the age and diet of the individual, and the location of the individual's residence. Doses delivered to the total body and to specific organs are calculated. The organ receiving the greatest dose is important in determining compliance with dose limits. Conservative assumptions are used in dose calculations such as the presence of the most sensitive age group at a given location, significant intakes of vegetable, milk, etc. from local sources, animal uptake from local forage rather than commercial grain, high occupancy factors for people living near the plant, etc.

Dose Assessment

Radiation dose is energy deposited by radiation in an exposed individual. Whole body exposure to radiation involves the exposure of all organs. Most exposures due to external sources of radiation are of this type. Both non-radioactive and radioactive elements can enter the body through inhalation or ingestion. When they do, they are usually not distributed evenly. For example, iodine concentrates in the thyroid gland, cesium collects in muscle and liver tissue, and strontium collects in bone.

The total dose to organs from a given radionuclide depends on the amount of radioactive material present in the organ and the amount of time that the radionuclide remains in the organ. Some radionuclides remain for very short times due to their rapid radioactive decay and/or elimination rate from the body, while other radionuclides may remain in the body for longer periods of time. The form of the radionuclide (soluble vs. insoluble) and the method of uptake also influence residence times in the body.

The maximum dose to the general public in the area surrounding Fermi 2 is calculated for periods of gaseous release and for each liquid release. The dose due to radioactive material released in gaseous effluents is calculated using factors such as the amount of radioactive material released, the concentration beyond the site boundary, the locations of exposure pathways (for example cow milk, goat milk, vegetable gardens and residences), and usage factors (inhalation and food consumption). The dose due to radioactive material released in liquid effluents may be calculated using factors such as radionuclide concentrations, the total volume of liquid released, the total volume of dilution water, near field dilution, and usage factors (water and fish consumption). These calculations produce a conservative estimation of the dose.

For 2022, the maximum offsite dose was conservatively assumed to be received by the “critical receptor” -- a child at the closest residence to the plant, who was exposed by the inhalation pathway, vegetation pathway and direct radiation from material deposited on the ground. (As previously noted, there were no liquid radioactive discharges from Fermi in 2022, as such, there were no liquid radioactive effluent pathways to consider in 2022.) Although there may not be a child living at this residence in any given year, the use of this age group provides conservative dose estimates for comparison with regulatory limits. Similarly, the calculation of dose due to vegetation ingestion (from a garden) at this residence may not apply in any given year, but it also leads to conservative dose estimates. The use of dose pathways and age groups which may be hypothetical is consistent with federal regulatory guidance and with industry practices.

Radioactive Effluent Monitoring Results

This section summarizes the results of effluent monitoring and offsite dose calculation for the year 2022. Calculated offsite doses are compared with Nuclear Regulatory Commission limits, and these limits are summarized in Appendix A. Appendix A also contains a detailed discussion of the methods used to determine quantities of radioactivity released in effluents, the types of solid radioactive waste shipped offsite, as well as tables of individual radionuclides released in effluents and shipped as solid radioactive waste.

Liquid Releases. There were no routine or abnormal releases of liquid radioactive effluents from Fermi 2 in 2022. There has not been a routine liquid radioactive discharge from Fermi 2 since 1994.

Batch and Incidental Gaseous Releases. These gaseous effluent releases include batch releases from primary containment, as well as other small releases from the condensate storage tank and the condensate return tank. In these releases, tritium was the only radioisotope detected. In 2022 there were containment (drywell/torus) purges prior to and after the RF21 refueling outage and multiple containment ventings. In purge events the entire volume of the containment (drywell or torus) is assumed to be released; in ventings, a much smaller volume is released. All containment batch releases are routed through the monitored reactor building continuous release point, or the standby gas treatment system monitored release point. The small amounts of tritium that were released from the condensate storage and condensate return tanks were due to water level changes which push air out of the tanks. The amounts of these tank releases were calculated based on saturated water vapor density, tritium concentrations in the tank liquid, and changes in tank levels. The total estimated releases from these purges, ventings, and incidental releases was less than 0.04 curies of tritium, which is less than 0.11% of total Fermi 2 tritium releases in 2022.

Continuous Gaseous Releases. Differences in the quarterly release quantities listed below are primarily due to variable plant conditions, such as startups, shutdowns, maintenance activities and fuel performance. For example, increases in I-131 releases could be due to depressurization events and decreases in I-131 releases may be associated with outage periods; increases in long lived particulate releases could be due to reactor water cleanup system valve leaks or to outage work activities. Reported noble gas levels vary as a function of fuel performance; in 2022 noble gas releases were low due to good fuel performance.

The following tables show the radioactivity released in continuous gaseous releases in 2022.

Table 1 - Fission and Activation Gases (Noble Gases) Summary

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	2022 Total
Noble Gases Release (curies)	Not Detected*	Not Detected*	2.28E-01	3.35E-01	5.63E-01

*Individual LLD's are listed in Appendix A

Table 2 - Radioiodine I-131 Summary

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	2022 Total
I-131 Release (curies)	2.22E-05	5.27E-05	1.41E-04	6.88E-05	2.85E-04

Table 3 - Particulates with Half-Life Longer than 8 Days Summary

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	2022 Total
Particulates with half-lives > 8 days (curies)	7.88E-04	4.65E-04	2.82E-04	4.80E-05	1.58E-03
Gross Alpha Radioactivity (curies)	<3.0E-15* μCi/cc	<3.0E-15* μCi/cc	<3.0E-15* μCi/cc	<3.0E-15* μCi/cc	<3.0E-15* μCi/cc

*In the above table, the “less than” value in units of microcuries per cubic centimeter (μCi/cc) is used when no radioactivity was detected and represents the lower limit of detection (LLD) value for a single sample.

Table 4 - Tritium (H-3) and Carbon-14 (C-14) Summary

	Quarter 1	Quarter 2	Quarter 3	Quarter 4	2022 Total
Tritium Release (curies)	4.46E+00	7.18E+00	1.18E+01	1.42E+01	3.76E+01
C-14 Release* (curies)	9.77E-01	2.09E+00	4.46E+00	4.48E+00	1.20E+01

*Carbon-14 releases are calculated based on a function of power level multiplied by time.

The offsite dose impact of the above releases was evaluated by calculating organ doses to the assumed most highly exposed individual living near the plant (a child in residence 0.71-mile WNW) due to I-131, I-133, tritium, C-14 and particulates with half-lives greater than 8 days. The most significant pathways of exposure to this individual are assumed to be inhalation, vegetation ingestion, and direct radiation from material deposited on the ground. The results of this calculation, which employs conservative assumptions, are listed in the following table:

Table 5 - Single Organ and Total Body Dose for 2022

Organ	2022 Gaseous Effluent Dose to Receptor with Highest Single Organ Dose
Bone	4.55E-01mrem
Liver	1.01E-01mrem
Thyroid	1.05E-01mrem
Kidney	1.01E-01mrem
Lung	1.01E-01mrem
GI-LLI	1.01E-01mrem
Total Body	1.01E-01mrem

The highest single organ dose is 0.455 mrem to the bone. This corresponds to 3.0% of the federal limit of 15 mrem specified in 10 CFR 50, Appendix-I. (The Fermi 2 Offsite Dose Calculation Manual requires maximum receptor dose calculation for releases of I-131, I-133, H-3, and particulates with half-lives greater than 8 days; for these isotopes, not including C-14, the thyroid is the highest dose organ.)

In addition, gamma and beta air doses at the site boundary (0.57mile NW) due to noble gas releases were calculated. In 2022, gamma air dose was 1.31E-4 mrad (compared to the 10 mrad annual limit); beta air dose in 2022 was 4.62E-5 mrad (compared to the 20 mrad annual limit).

Title 40, Part 190 of the Code of Federal Regulations requires that dose to an individual in the unrestricted area from the uranium fuel cycle facility, including direct radiation dose, be limited to 25 mrem/year to the total body and 75 mrem/year to the thyroid. Based on Table 5 above, the offsite dose due to effluents is 0.40% and 0.14% of 40 CFR 190 limits for the total body and thyroid, respectively. Also, Fermi 1 was not monitored for effluents in 2022 since no work was performed in a Fermi 1 Radiologically Controlled Area that would require ventilation and make detectable effluent releases likely.

The next closest uranium fuel cycle facility, the Davis-Besse Nuclear Plant, located near Oak Harbor, Ohio, is similar to Fermi in that it releases low amounts of radioactive material, but it is too far from Fermi (25 miles direct distance) to contribute significantly to Fermi area doses. Therefore, Fermi 2 was in compliance with the fuel cycle limits of 40 CFR 190 in 2022.

Potential dose to members of the public at Fermi 2 due to all radioactive effluents, including noble gases, was also calculated. Fermi 2 considers persons touring the site (16 hours/year), and persons performing work onsite but not employed by Fermi 2, either directly or under contract (400 hours/year), to be exposed as members of the public. The average dose to a member of the public at Fermi 2 in 2022 was less than 0.02 mrem to the total body. This dose is a small fraction of the 100 mrem/year limit for individual members of the public due to licensed operation of the plant provided in 10 CFR 20.1301.

Summary of Radioactive Waste Shipments

The radioactivity and volume of Fermi 2 solid waste shipped offsite in 2022 is summarized in the following table

Table 6 - Waste Shipped Offsite

Type of Waste	Units	12 Month Period	Est. total activity error, %
Spent resins, sludges, etc.	m ³ curies	6.72E+01 3.63E+02	± 25
Dry compressible waste, contaminated equipment, etc.	m ³ curies	1.29E+03 8.36E+00	± 25
Irradiated components, control rods, etc.	m ³ curies	6.71E-02 7.18E+00	N/A
Other			
Filters	m ³ curies	0.00E+00 0.00E+00	± 25
Aqueous Liquids	m ³ curies	0.00E+00 0.00E+00	± 25

Radioactive solid waste shipments from Fermi 2 in 2022 (to either disposal or to intermediate processors) are summarized in the following table:

Table 7 – Waste shipments

Number of shipments	Mode of transportation	Destination
28	Highway	EnergySolutions, Bear Creek Operations, Oak Ridge, TN
15	Highway	EnergySolutions, Containerized Waste Facility, Clive, UT

Additional Required Information

Appendices

Appendix A, Effluent and Radioactive Waste Data, provides more detailed data on radiological effluents and radioactive waste shipments.

Appendix B, Ground Water Protection Program Data and Analysis, contains a description of the Fermi 2 Integrated Groundwater Protection Program, 2022 sampling data for this program, and a discussion of sampling results.

Appendix C, Rainwater Data and Analysis, contains data on tritium concentrations in rainwater collected onsite and explains the significance of this data.

Meteorological Joint Frequency Distributions are not provided in the current report. As allowed by Section 5 of the Offsite Dose Calculation Manual, in lieu of submitting joint frequency distributions of wind speed and wind direction for 2022, Fermi 2 is retaining a summary of the required meteorological data from 2022 in a file which can be provided to the NRC upon request. The joint frequency distribution and the meteorological data on which they are based have not varied significantly from year to year; therefore, annual recalculations are not needed. Fermi 2 will perform the calculations at least once every 5 years.

ODCM Revisions

There were no ODCM revisions in 2022.

ODCM Monitors Out of Service

The RadWaste Building SPING went out of service on 5/9/22. The SPING pump ceased functioning during the weekly iodine cartridge and particulate filter changeout. Chemistry Technicians were unable to return the pump to a functioning state so auxiliary sampling methods per the ODCM were implemented and a corrective action request for repair of the unit by Maintenance craft was initiated. This SPING has remained out of service for the remainder of 2022. Due to the age of the instrument and limited availability of parts, the pump was unable to be replaced/repared promptly. There is a project ongoing to replace the current SPINGs with new instruments and work scheduled in 2023 to repair the unit with long lead time parts. This SPING was added to the existing LCO referenced in the Errata section below.

The Reactor Building SPING went out of service on 8/12/21 and has remained out of service through 2022 (see Errata section for more details).

Outside Temporary Tanks

In 2022 no outside temporary tank exceeded the 10 Ci content limit for nuclides other than tritium and dissolved or entrained noble gases.

Major Changes to Radioactive Waste Systems

There were no changes to be made to the Fermi 2 Radioactive Waste Systems during 2022.

Abnormal Radiological Releases

There were no abnormal radiological releases in 2022.

Errata/Corrections to Previous Annual Radioactive Effluent Release Report (ARERRs)

In the 2021 ARERR it was incorrectly stated that there was a loss of communication from SS-1 to the Turbine Building, RadWaste, On-Site Storage Facility, Reactor Building, and Standby Gas Treatment System Division 1 and 2 SPINGs between August and December 2021, however none of the monitors were out of service for more than 30 days. The Reactor Building SPING went out of service on August 12th, 2021 and auxiliary sampling methods were initiated. The Reactor Building SPING failed to alarm 3D44. Due to the obsolescence of the equipment and limited availability of parts this 30-day LCO was not met. There is an ongoing project to replace the SPINGs and SS-1. The SS-1 is scheduled to be replaced in 2024 with the SPINGs following.

Independent Spent Fuel Storage Installation (ISFSI)

As required by 10 CFR 72.44(d)(3), Fermi reports any detected effluent releases from the ISFSI. None were detected in the 12-month monitoring period in 2022. Fermi has collected quarterly water samples from storm water Outfall 014 since fuel has been stored on the pad, with the exception of 3rd quarter 2019, and the 1st quarter of 2020. These outfall samples are relevant because water collected by the under-drain system at the periphery of the pad is routed through Outfall 014 to the overflow canal. No plant related radioactivity was detected in these samples in 2022. Since there was no detection of radioactive effluents or direct radiation in 2022 from the ISFSI installation, it may be concluded that the limits specified in 10 CFR 72.104(a) for radiation dose to the public (25 mrem/year to the whole body and 75 mrem/year to the thyroid - the same as the 40 CFR 190 limits) have not been exceeded due to the existence of the ISFSI installation.

END OF ANNUAL RADIOACTIVE EFFLUENT RELEASE REPORT BODY

Appendix A
Effluent and Radioactive Waste Data

Regulatory Limits for Radioactive Effluents

The Nuclear Regulatory Commission (NRC) limits on liquid and gaseous effluents are incorporated into the Fermi 2 Offsite Dose Calculation Manual. These limits prescribe the maximum doses and dose rates due to radioactive effluents resulting from normal operation of Fermi 2. These limits are described in the following sections.

A. Gaseous Effluents

I. Dose rate due to radioactivity released in gaseous effluents to areas at and beyond the site boundary shall be limited to the following:

a) Noble gases

Less than or equal to 500 mrem/year to the total body.
Less than or equal to 3000 mrem/year to the skin.

b) Iodine-131, iodine-133, tritium, and for all radionuclides in particulate form with half-lives greater than 8 days

Less than or equal to 1500 mrem/year to any organ.

II. Air dose due to noble gases to areas at and beyond the site boundary shall be limited to the following:

a) Less than or equal to 5 mrad for gamma radiation
Less than or equal to 10 mrad for beta radiation
- During any calendar quarter

b) Less than or equal to 10 mrad for gamma radiation
Less than or equal to 20 mrad for beta radiation
- During any calendar year

III. Dose to a member of the public from iodine-131, iodine-133, tritium, and all radionuclides in particulate form with half-lives greater than 8 days in gaseous effluents released to areas at and beyond the site boundary shall be limited to the following:

a) Less than or equal to 7.5 mrem to any organ
- During any calendar quarter

b) Less than or equal to 15 mrem to any organ
- During any calendar year

Note: The calculated site boundary dose rates for Fermi 2 are based on identification of individual isotopes and on use of dose factors specific to each identified isotope or a highly conservative dose factor. Since individual isotopes are identified, average energy values are not used in these calculations, and therefore are not reported even though their use in these calculations is allowed by Regulatory Guide 1.21.

B. Liquid Effluents

- I. The concentration of radioactive material released in liquid effluents to unrestricted areas shall be limited to ten times the concentrations specified in Title 10 of the Code of Federal Regulations (10 CFR) Part 20 (Standards for Protection Against Radiation), Appendix B, Table 2, Column 2 for radionuclides other than dissolved or entrained noble gases, as required by the Fermi 2 Offsite Dose Calculation Manual. For dissolved or entrained noble gases, the concentration shall be limited to 2E-4 (.0002) microcuries/ml total activity. This limit is based on the Xe-135 air submersion dose limit converted to an equivalent concentration in water as discussed in the International Commission on Radiological Protection (ICRP) Publication 2.
- II. The dose or dose commitment to a member of the public from radioactive materials in liquid effluents released to unrestricted areas shall be limited to the following:
 - a) Less than or equal to 1.5 mrem to the total body
Less than or equal to 5 mrem to any organ
- During any calendar quarter
 - b) Less than or equal to 3 mrem to the total body
Less than or equal to 10 mrem to any organ
- During any calendar year

As noted previously, Fermi 2 did not perform radioactive liquid releases in 2022.

Measurements and Approximations of Total Activity in Radioactive Effluents

As required by NRC Regulatory Guide 1.21, this section describes the methods used to measure the total radioactivity in effluent releases and to estimate the overall errors associated with these measurements. The effluent monitoring systems are described in Chapter 11.4 of the Fermi 2 Updated Final Safety Analysis Report (UFSAR).

A. Gaseous Effluents

I. Fission and Activation Gases (Noble Gases)

Grab samples are obtained from each of the six plant radiation monitors which continuously monitor the five ventilation exhaust points. In addition, a post-offgas treatment "offgas vent pipe" sample is taken immediately upstream of the reactor building release point to assist in determining noble gas concentrations at the release point. The fission and activation gases are quantified by gamma spectroscopy analysis of periodic samples.

The summary values reported are the sums of all fission and activation gases quantified at all monitored release points.

II. Radioiodines

Samples are obtained from each of the six plant radiation monitors which continuously monitor the five ventilation exhaust points. The radioiodines are entrained on charcoal and then quantified by gamma spectroscopy analysis. For each sample, the duration of sampling and continuous flow rate through the charcoal are used in determining the concentration of radioiodines. Then from the flow rate of the ventilation system, a rate of release can be determined.

The summary values reported are the sums of all radioiodines quantified at all continuously monitored release points.

III. Particulates

Samples are obtained from each of the six plant effluent radiation monitors which continuously monitor the five ventilation exhaust points. The particulates are collected on a filter and then quantified by gamma spectroscopy analysis.

For each sample, the duration of sampling and the continuous flow rate through the filter are used in determining the concentration of particulates. From the flow rate of the ventilation system, a rate of release can be determined.

Quarterly, the filters from each ventilation release point are composited and then radiochemically separated and analyzed for Strontium (Sr)-89/90, Iron (Fe)-55, and Nickel (Ni)-63.

The summary values reported are the sums of all particulates quantified at all monitored release points.

IV. Tritium

Grab samples are obtained from each of the six plant effluent radiation monitors which monitor the five ventilation exhaust points. The sample is passed through a bottle containing water and the gaseous tritium is collected in this water. Portions of the collecting water are analyzed for tritium using liquid scintillation counting techniques. For each sample, the duration of sample and sample flow rate is used to determine the radioactivity concentration. Then from the flow rate of the ventilation system, a release rate can be determined.

In addition to tritium releases from the five ventilation exhaust points, gaseous tritium releases from the Condensate Storage Tank and Condensate Return Tank have been calculated. These releases are due to evaporation of tritiated water in these tanks which is released through tank vents. Also there were periodic ventings and purges of primary containment. None of these non-ventilation system pathways were significant release points for tritium, contributing less than 0.11% of total tritium releases. These releases were calculated to be well below 0.04 curies in 2022; adding them to reported tritium releases from the ventilation release points does not change the reported release quantities at the level of precision reported.

The summary values reported are the sums of all tritium quantified at all monitored release points.

V. Gross Alpha

The gaseous particulate filters from the six plant effluent radiation monitors are stored for one week to allow for decay of naturally occurring alpha emitters. These filters are then analyzed for gross alpha radioactivity by gas proportional counting, and any such radioactivity found is assumed to be plant related. The quantity of alpha emitters released can then be determined from sample flow rate, sample duration, and stack flow rate.

The summary values reported would be the sums of all alpha emitters quantified at all monitored release points. However, in 2022 alpha activity was not detected, i.e. was less than the critical level activity, in these particulate filters.

VI. Carbon-14

Carbon-14 releases are calculated using a method published by the Electric Power Research Institute in December 2010. Plant rated thermal power and monthly capacity factors were used in the calculation of quarterly releases.

B. Liquid Effluents

The liquid radwaste processing system and the liquid effluent monitoring system are described in the Fermi 2 UFSAR. Fermi 2 did not perform any releases of radioactive liquid effluents in 2022.

C. Statistical Measurement Uncertainties

The estimated total measurement uncertainty in this section has been calculated and is summarized in the following table:

Table A-1 – Statistical Measurement Uncertainties

Measurement Type	Sample Type	One Sigma Uncertainty
Fission and Activation Gases	Gaseous	30%
Radioiodines	Gaseous	16%
Particulates	Gaseous	17%
Tritium	Gaseous	30%
Gross Alpha	Gaseous	16%

Gaseous Releases by Individual Nuclide

Values in the following tables which are preceded by the “less than” symbol represent the lower limit of detection (LLD) in units of microcuries per cubic centimeter ($\mu\text{Ci}/\text{cc}$) for individual samples and indicate that the nuclide in question was not detected in gaseous effluent samples in the indicated quarter of 2022. For quantities of gross alpha radioactivity, tritium, and carbon-14 in gaseous effluents, review provided tables. Less than (<) values are listed as LLDs in units of $\mu\text{Ci}/\text{cc}$, therefore do not impact the sum values. To obtain the corresponding release rates in unit of $\mu\text{Ci}/\text{sec}$, the effluent release activity listed below should be divided by $3.15\text{E}+07$ (sec/year) or $7.88\text{E}+06$ (sec/quarter).

Table A-2 - Particulate Radionuclides (micro Curies (μCi) *)

Nuclide	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Mn-54	5.67E+01	9.91E+00	1.09E+01	<1.78E-13
Co-60	2.02E+02	1.59E+02	1.75E+02	3.46E+01
Co-58	1.61E+01	3.88E+00	1.36E+01	1.34E+01
Zn-65	4.16E+01	1.10E+01	3.85E+00	<4.9E-13
Cr-51	6.80E+00	<3.9E-13	<3.9E-13	<3.9E-13
Fe-55	4.61E+02	2.78E+02	7.84E+01	<6.96E-14
Ba-139	6.35E+03	1.21E+04	1.64E+04	9.06E+03
Y-91m	2.56E+03	6.16E+02	<2.42E-11	<2.42E-11
Sr-90	<1.3E-14	<1.3E-14	<1.3E-14	<1.3E-14
Sr-91	1.68E+02	<4.3E-12	<4.3E-12	<4.3E-12
Ni-63	3.82E+00	3.50E+00	<2.55E-14	<2.55E-14
Cs-134	<1.3E-13	<1.3E-13	<1.3E-13	<1.3E-13
Cs-137	<4.7E-14	<4.7E-14	<4.7E-14	<4.7E-14
Na-24	<8.9E-13	<8.9E-13	<8.9E-13	<8.92E-13
As-76	<8.5E-13	<8.5E-13	<8.5E-13	<8.52E-13
Ce-141	<1.6E-13	<1.6E-13	<1.6E-13	<1.6E-13
Tc-99m	<6.3E-13	<6.3E-13	<6.3E-13	<6.3E-13
Zn-69m	<6.97E-13	2.76E+01	7.84E+01	1.82E+02
Total	9.87E+03	1.32E+04	1.67E+04	9.29E+03

*Less than (<) values are listed as LLDs in units of $\mu\text{Ci}/\text{cc}$, therefore do not impact the sum values.

Table A-3 - Noble Gases (micro Curies (μCi) *)

Nuclide	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Ar-41	<2.1E-07	<2.1E-07	2.28E+05	3.35E+05
Kr-85m	<5.3E-08	<5.3E-08	<5.3E-08	<5.3E-08
Xe-135	<5.5E-08	<5.5E-08	<5.5E-08	<5.5E-08
Xe-135m	<2.2E-05	<2.2E-05	<2.2E-05	<2.2E-05
Xe-138	<7.3E-05	<7.3E-05	<7.3E-05	<7.3E-05
Xe-133	<1.7E-07	<1.7E-07	<1.7E-07	<1.7E-07
Kr-87	<2.6E-07	<2.6E-07	<2.6E-07	<2.6E-07
Total	-	-	2.28E+05	3.35E+05

* Less than (<) values are listed as LLDs in units of μCi/cc, therefore do not impact the sum values.

Table A-4 - Radioiodines (micro Curies (μCi) *)

Nuclide	Quarter 1	Quarter 2	Quarter 3	Quarter 4
I-131	2.22E+01	5.27E+01	1.41E+02	6.88E+01
I-132	<5.5E-12	<5.5E-12	<5.5E-12	<5.5E-12
I-133	1.30E+02	1.73E+02	1.32E+03	1.08E+03
I-134	<2.4E-11	<2.4E-11	<2.4E-11	<2.4E-11
I-135	<3.8E-12	<3.8E-12	<3.8E-12	<3.8E-12
Total	1.52E+02	2.26E+02	1.46E+03	1.15E+03

* Less than (<) values are listed as LLDs in units of μCi/cc, therefore do not impact the sum values

Shipments of Radwaste

Fermi 2 complies with the extensive federal regulations which govern radioactive waste shipments. Radioactive solid waste shipments from the Fermi 2 site consist of waste generated during water treatment, radioactive trash, irradiated components, etc. Shipment destinations are either a licensed burial site or intermediate processing facilities. Waste shipped to intermediate processing facilities is shipped directly from these facilities to a licensed burial site after processing. The following tables contain estimates of major nuclide composition, by class of waste, of Fermi 2 radioactive waste shipped offsite in 2022. The waste volumes listed in these tables are the volumes shipped, not the final volumes sent for burial after processing.

- a. Spent resins, sludges, etc.

Waste in this category in 2022 was Class A waste and consisted of spent resins and sludges. Spent resins were shipped in shielded transportation casks (Type B and General Design Bulk Packages), directly to the Clive, UT burial facility. Spent resins were dewatered prior to shipment for disposal. All quantities were determined by measurement.

Table A-5 - Spent resins, sludges, etc., (Class A)

Isotope	mCi	%
H-3	4.94E+01	0.01
C-14	5.68E+03	1.57
Cr-51	6.50E+00	0
Mn-54	7.87E+03	2.17
Fe-55	2.75E+05	75.86
Fe-59	1.63E+01	0
Co-57	1.97E-01	0
Co-58	1.31E+02	0.04
Co-60	6.52E+04	17.99
Ni-63	2.35E+03	0.65
Zn-65	5.55E+03	1.53
Sr-89	1.21E+02	0.03
Sr-90	7.53E+01	0.02
Zr-95	5.21E+00	0
Nb-95	1.10E+01	0
Tc-99	2.78E+00	0
Sb-124	7.69E+00	0
Sb-125	8.46E+00	0
I-129	1.05E-03	0
I-131	2.01E+00	0
I-133	8.79E-06	0
Cs-137	4.10E+02	0.11
La-140	5.37E-03	0
Ce-141	6.37E-17	0
Ce-144	5.65E-01	0
Pu-238	2.37E-01	0
Total	3.63E+05	100
Volume Shipped m ³	6.72E+01	

b. Dry compressible waste, contaminated equipment, etc.

Waste in this category in 2022 was Class A waste and shipped in strong tight containers (General Design Bulk Packages) of various sizes and was classified as Dry Active Waste (DAW). DAW waste was shipped to an intermediate processor for processing, e.g. compaction or incineration. All quantities were determined by measurement.

Table A-6 - Dry Active Waste (Class A)

Isotope	mCi	%
H-3	8.02E+01	0.96
Cr-51	9.38E+00	0.11
Mn-54	1.44E+02	1.72
Fe-55	6.58E+03	78.65
Fe-59	2.32E+00	0.03
Co-58	2.87E+00	0.03
Co-60	1.46E+03	17.5
Ni-63	5.36E+01	0.64
Zn-65	2.17E+01	0.26
Tc-99	6.44E+00	0.08
Sb-125	1.51E+00	0.02
I-129	4.80E-05	0
Pu-238	7.82E-03	0
Am-241	6.62E-03	0
Cm-242	1.22E-02	0
Cm-243	1.05E-02	0
Cm-244	1.05E-02	0
Total	8.36E+03	100
Volume Shipped m ³	1.29E+03	

c. Irradiated components, control rods, etc.

Table A-7 – Irradiated Components (Class A)

Isotope	mCi	%
H-3	3.23E+00	0.05
C-14	1.20E+00	0.02
Mn-54	5.02E+00	0.07
Fe-55	1.77E+03	24.67
Co-58	1.18E-06	0
Co-60	4.54E+03	63.19
Ni-59	6.00E+00	0.08
Ni-63	8.56E+02	11.92
Zn-65	3.84E-02	0
Nb-94	2.63E-02	0
Tc-99	6.37E-03	0
Total	7.18E+03	100
Volume Shipped m ³	6.71E-02	

d. Other – Filters/ Oil, Mixed Waste, etc.

No waste for this category was sent off site during 2022.

Appendix B

Ground Water Protection Program Data and Analysis

EXECUTIVE SUMMARY

Monitoring of groundwater wells at the Fermi site was conducted without incident in 2022. Analysis of periodic samples from these wells showed no positive tritium results in 2022. (There were no positive tritium results in 2019-2021 and only three low level positive tritium results in the shallow aquifer in 2018).

Therefore, there is no indication of any leak from plant systems into the groundwater at Fermi 2.

PROGRAM OVERVIEW

Quarterly sampling and gauging of the Fermi 2 Integrated Ground Water Protection Program (IGWPP) monitor wells continued uninterrupted in 2022. However, due to dewatering efforts in support of buried piping projects in 2022, there were a number of shallow wells that were dry and unable to be sampled.

Procedurally, each integrated groundwater protection program (IGWPP) specified monitor well is required to be sampled for tritium during each sample event. Monitor wells adjacent to plant systems where plant-related radioisotopes other than tritium are more likely to be present are also sampled for plant-related gamma-emitting radioisotopes during each sample event. Furthermore, once per year water from three monitor wells most likely to be contaminated by leaked or spilled material may also be analyzed for hard-to-detect (HTD) radionuclides (e.g., Fe-55, Sr-89, and Sr-90) if unusual tritium activity or plant-related gamma emitting radionuclides are detected. This was not required in 2022.

Samples analyzed for gamma-emitting radionuclides, and if necessary HTDs, are counted to required environmental lower limits of detection (LLD) for each given radioisotope of interest, with the exception of La-140, Ba-140, and I-131 (due to their short half-lives). For tritium there is no required limit of detection under the IGWPP, beyond what is prescribed for ground water samples taken as part of the site's Radiological Environmental Monitoring Program (REMP). The REMP Lower Limit of Detection (LLD) is set at 2,000 pCi/L which is 1/10th of the EPA's drinking water limit of 20,000 pCi/L. For all ground-water samples analyzed in 2022, Fermi 2's contract laboratory achieved minimum detectable concentrations (MDCs) lower than the requested tritium LLD of 500 pCi/L.

Sampling and gauging of the monitor wells installed at the Enrico Fermi Atomic Power Plant (Fermi 1) is part of the site Integrated Ground Water Protection Program. Most of the Fermi 1 monitor wells were installed to monitor ground water in the vicinity of the facility as part of decommissioning and license termination work. With the Fermi 1 decommissioning project in "passive" SAFSTOR decommissioning mode, this ongoing ground water monitoring was incorporated into the existing Fermi 2 IGWPP. Fermi 1 monitor wells are designated in the attached tables by the prefix "EFT-". Fermi 1 construction utilized silty-clay fill adjacent to the structures to bring the site up to the final grade. All shallow wells are screened in this material and they typically do not produce much water. Fermi 1 monitor wells are sampled semi-annually because the rates of lateral flow through the silty-clay are quite low, the facility is static with no

work activity which could result in release of radioactive material, the levels of contamination remaining at the site are low, and no liquid wastes are stored at the facility.

RESULTS

Deep Wells (Table B-1)

Tritium was not detected in any samples from the IGWPP deep monitor wells in 2022 and has not been detected previously in deep wells in the history of the IGWPP.

Plant-related gamma-emitting radioisotopes and hard-to-detect radioisotopes were not detected in any ground-water samples collected from deep monitor wells in 2022, or in previous years.

Shallow and Intermediate Wells (Table B-2)

Most shallow monitor wells have consistently yielded results indicating that tritium is not present above the detection limit. In 2022, tritium was not detected in any samples from the IGWPP shallow and intermediate wells.

Plant-related gamma-emitting radioisotopes and hard-to-detect radioisotopes were not detected in any ground-water samples collected from shallow and intermediate monitor wells in 2022.

Other Analytical Results

As noted, plant-related gamma-emitting radioisotopes and hard-to-detect radioisotopes were not detected in any ground-water samples collected from any monitor wells in 2022. However, the naturally occurring radioisotopes Bi-214, Pb-214, And K-40 were occasionally identified in ground water samples. Such radioisotopes are normally found in the environment and are geological in origin.

DISCUSSION

The 2019 - 2022 results were unusual in that no positive tritium results were seen--in deep, shallow, or intermediate wells. By contrast, in 2018, three positive ground water results for tritium were detected in shallow wells, the highest of which was 540 pCi/liter. Furthermore, since the Integrated Ground Water Protection Program was initiated in the fall of 2007, plant-related gamma isotopes and hard-to-detect isotopes have never been identified in ground-water samples from any of the monitor wells. It may also be noted that ground water from many of the site's wells have never yielded a positive result for tritium or plant related radionuclides.

If the tritium found in ground water from shallow wells (in previous years) were attributable to a leaking plant system then one would expect the levels to steadily increase over time, especially during the winter when there is, normally, less recharge from surface water. Instead, the results from shallow monitor wells have shown periodic low-level hits for tritium in ground water with no trend. This pattern is more consistent with what one would expect to see if the tritium were attributable to recapture (washout) in precipitation. Recapture of tritium emitted from nuclear

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power plant stacks in precipitation is well documented and these emissions are continuously monitored and reported annually by the utility as part of an approved effluents program. A tritium rain-water washout study performed at the Fermi site revealed that tritium is found in rain water collected at the site. Tritium activity in rain water samples, taken at the site over a period of two months as part of that study, ranged from approximately 400 pCi/L to 5,750 pCi/L in a rooftop sample near the turbine building vent (the tritium release point with the greatest quantity of tritium release).

Tritium activity was not detected above the minimum detectable activity (MDA) level in any precipitation samples from 2022. For more detail on tritium in precipitation samples taken at Fermi in 2022 see Appendix C of this report.

Table B-1 - Deep Monitor Well Tritium Analysis Results for Year 2022 (Periodic Sample Events)

Monitor Well	Quarter	QA Type	Lab ID	Parameter	Prefix	Value	Units
EF2-07-01D	Q1	NORMAL	GEL	H-3	<	4.56E+02	pCi/L
EF2-07-01D	Q2	NORMAL	GEL	H-3	<	3.32E+02	pCi/L
EF2-07-01D	Q3	NORMAL	GEL	H-3	<	3.57E+02	pCi/L
EF2-07-01D	Q4	NORMAL	GEL	H-3	<	4.27E+02	pCi/L
EF2-07-03D	Q1	NORMAL	GEL	H-3	<	4.55E+02	pCi/L
EF2-07-03D	Q2	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-03D	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-03D	Q4	NORMAL	GEL	H-3	<	4.31E+02	pCi/L
EF2-07-04D	Q1	NORMAL	GEL	H-3	<	4.52E+02	pCi/L
EF2-07-04D	Q2	NORMAL	GEL	H-3	<	3.52E+02	pCi/L
EF2-07-04D	Q3	NORMAL	GEL	H-3	<	3.49E+02	pCi/L
EF2-07-04D	Q4	NORMAL	GEL	H-3	<	4.21E+02	pCi/L
EF2-07-06D	Q1	NORMAL	GEL	H-3	<	4.52E+02	pCi/L
EF2-07-06D	Q2	NORMAL	GEL	H-3	<	3.28E+02	pCi/L
EF2-07-06D	Q3	NORMAL	GEL	H-3	<	3.53E+02	pCi/L
EF2-07-06D	Q4	NORMAL	GEL	H-3	<	4.29E+02	pCi/L
EF2-07-08D	Q1	NORMAL	GEL	H-3	<	4.54E+02	pCi/L
EF2-07-08D	Q2	NORMAL	GEL	H-3	<	3.53E+02	pCi/L
EF2-07-08D	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-08D	Q4	NORMAL	GEL	H-3	<	4.11E+02	pCi/L
EF2-07-09D	Q1	NORMAL	GEL	H-3	<	4.52E+02	pCi/L
EF2-07-09D	Q2	NORMAL	GEL	H-3	<	3.40E+02	pCi/L
EF2-07-09D	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-09D	Q4	NORMAL	GEL	H-3	<	4.22E+02	pCi/L
EF2-07-15D	Q1	NORMAL	GEL	H-3	<	4.51E+02	pCi/L
EF2-07-15D	Q2	NORMAL	GEL	H-3	<	3.40E+02	pCi/L
EF2-07-15D	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-15D	Q4	NORMAL	GEL	H-3	<	4.28E+02	pCi/L
EF2-07-20D	Q1	NORMAL	GEL	H-3	<	4.20E+02	pCi/L

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Table B-1 - Deep Monitor Well Tritium Analysis Results for Year 2022 (Continued).

Monitor Well	Quarter	QA Type	Lab ID	Parameter	Prefix	Value	Units
EF2-07-20D	Q2	NORMAL	GEL	H-3	<	3.12E+02	pCi/L
EF2-07-20D	Q3	NORMAL	GEL	H-3	<	4.27E+02	pCi/L
EF2-07-20D	Q4	NORMAL	GEL	H-3	<	4.71E+02	pCi/L
EF2-07-29D	Q1	NORMAL		Note 2			
EF2-07-29D	Q2	NORMAL	GEL	H-3	<	3.14E+02	pCi/L
EF2-07-29D	Q3	NORMAL	GEL	H-3	<	4.34E+02	pCi/L
EF2-07-29D	Q4	NORMAL	GEL	H-3	<	4.13E+02	pCi/L
EFT-1D	Q2	NORMAL	GEL	H-3	<	3.15E+02	pCi/L
EFT-1D	Q4	NORMAL	GEL	H-3	<	3.96E+02	pCi/L
EFT-2D	Q2	NORMAL		Note 2			
EFT-2D	Q4	NORMAL		Note 2			
EFT-4D	Q2	NORMAL	GEL	H-3	<	3.14E+02	pCi/L
EFT-4D	Q4	NORMAL	GEL	H-3	<	3.74E+02	pCi/L
EFT-5D	Q2	NORMAL	GEL	H-3	<	4.23E+02	pCi/L
EFT-5D	Q4	NORMAL	GEL	H-3	<	3.83E+02	pCi/L
EFT-6D	Q2	NORMAL	GEL	H-3	<	4.16E+02	pCi/L
EFT-6D	Q4	NORMAL	GEL	H-3	<	3.86E+02	pCi/L
EFT-11D	Q2	NORMAL	GEL	H-3	<	4.22E+02	pCi/L
EFT-11D	Q4	NORMAL	GEL	H-3	<	3.84E+02	pCi/L
EFT-12D	Q2	NORMAL	GEL	H-3	<	4.13E+02	pCi/L
EFT-12D	Q4	NORMAL	GEL	H-3	<	3.83E+02	pCi/L

**Table B-2 - Shallow and Intermediate Monitor Well Tritium Analysis Results for Year 2022
(Periodic Sample Events)**

Monitor Well	Quarter	QA Type	Lab ID	Parameter	Prefix	Value	Units
EF2-07-02S	Q1	NORMAL	GEL	H-3	<	4.55E+02	pCi/L
EF2-07-02S	Q2	NORMAL	GEL	H-3	<	3.46E+02	pCi/L
EF2-07-02S	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-02S	Q4	NORMAL	GEL	H-3	<	4.33E+02	pCi/L
EF2-07-03S	Q1	NORMAL		Note 2			
EF2-07-03S	Q2	NORMAL	GEL	H-3	<	3.61E+02	pCi/L
EF2-07-03S	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-03S	Q4	NORMAL	GEL	H-3	<	4.20E+02	pCi/L
EF2-07-05S	Q1	NORMAL		Note 2			
EF2-07-05S	Q2	NORMAL	GEL	H-3	<	3.55E+02	pCi/L
EF2-07-05S	Q3	NORMAL	GEL	H-3	<	3.53E+02	pCi/L
EF2-07-05S	Q4	NORMAL	GEL	H-3	<	4.31E+02	pCi/L

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Appendix B – Ground Water Protection Program Data and Analysis*

**Table B-2 - Shallow and Intermediate Monitor Well Tritium Analysis Results for Year 2022
(Continued)**

Monitor Well	Quarter	QA Type	Lab ID	Parameter	Prefix	Value	Units
EF2-07-07S	Q1	NORMAL		Note 2			
EF2-07-07S	Q2	NORMAL	GEL	H-3	<	3.42E+02	pCi/L
EF2-07-07S	Q3	NORMAL	GEL	H-3	<	3.55E+02	pCi/L
EF2-07-07S	Q4	NORMAL	GEL	H-3	<	4.14E+02	pCi/L
EF2-07-08S	Q1	NORMAL		Note 2			
EF2-07-08S	Q2	NORMAL	GEL	H-3	<	3.55E+02	pCi/L
EF2-07-08S	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-08S	Q4	NORMAL	GEL	H-3	<	4.34E+02	pCi/L
EF2-07-12S	Q1	NORMAL		Note 2			
EF2-07-12S	Q2	NORMAL	GEL	H-3	<	3.55E+02	pCi/L
EF2-07-12S	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
EF2-07-12S	Q4	NORMAL	GEL	H-3	<	4.27E+02	pCi/L
EF2-07-13S	Q1	NORMAL		Note 2			
EF2-07-13S	Q2	NORMAL	GEL	H-3	<	3.42E+02	pCi/L
EF2-07-13S	Q3	NORMAL	GEL	H-3	<	3.52E+02	pCi/L
EF2-07-13S	Q4	NORMAL	GEL	H-3	<	4.25E+02	pCi/L
EF2-07-14S	Q1	NORMAL		Note 2			
EF2-07-14S	Q2	NORMAL	GEL	H-3	<	3.36E+02	pCi/L
EF2-07-14S	Q3	NORMAL	GEL	H-3	<	3.52E+02	pCi/L
EF2-07-14S	Q4	NORMAL	GEL	H-3	<	4.28E+02	pCi/L
EF2-07-15S	Q1	NORMAL		Note 2			
EF2-07-15S	Q2	NORMAL	GEL	H-3	<	3.49E+02	pCi/L
EF2-07-15S	Q3	NORMAL	GEL	H-3	<	3.56E+02	pCi/L
EF2-07-15S	Q4	NORMAL	GEL	H-3	<	4.33E+02	pCi/L
EF2-07-16S	Q1	NORMAL	GEL	H-3	<	4.50E+02	pCi/L
EF2-07-16S	Q2	NORMAL	GEL	H-3	<	3.31E+02	pCi/L
EF2-07-16S	Q3	NORMAL	GEL	H-3	<	3.50E+02	pCi/L
EF2-07-16S	Q4	NORMAL	GEL	H-3	<	4.23E+02	pCi/L
EF2-07-17S	Q1	NORMAL		Note 2			
EF2-07-17S	Q2	NORMAL	GEL	H-3	<	3.34E+02	pCi/L
EF2-07-17S	Q3	NORMAL	GEL	H-3	<	3.46 E+02	pCi/L
EF2-07-17S	Q4	NORMAL	GEL	H-3	<	4.24E+02	pCi/L
EF2-07-18S	Q1	NORMAL		Note 2			
EF2-07-18S	Q2	NORMAL	GEL	H-3	<	3.38E+02	pCi/L
EF2-07-18S	Q3	NORMAL		Note 2			
EF2-07-18S	Q4	NORMAL		Note 3			
EF2-07-19S	Q1	NORMAL		Note 2			
EF2-07-19S	Q2	NORMAL	GEL	H-3	<	4.05E+02	pCi/L
EF2-07-19S	Q3	NORMAL	GEL	H-3	<	4.34 E+02	pCi/L
EF2-07-19S	Q4	NORMAL	GEL	Note 2	<	4.44E+02	pCi/L
EF2-07-20S	Q1	NORMAL	GEL	H-3	<	4.49E+02	pCi/L
EF2-07-20S	Q2	NORMAL	GEL	H-3	<	3.10 E+02	pCi/L
EF2-07-20S	Q3	NORMAL	GEL	H-3	<	4.40 E+02	pCi/L
EF2-07-20S	Q4	NORMAL	GEL	H-3	<	4.65 E+02	pCi/L

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Table B-2 - Shallow and Intermediate Monitor Well Tritium Analysis Results for 2022
(Continued)

Monitor Well	Quarter	QA Type	Lab ID	Parameter	Prefix	Value	Units
EF2-07-21S	Q1	NORMAL		Note 2			
EF2-07-21S	Q2	NORMAL	GEL	H-3	<	3.12E+02	pCi/L
EF2-07-21S	Q3	NORMAL	GEL	H-3	<	4.43E+02	pCi/L
EF2-07-21S	Q4	NORMAL	GEL	H-3	<	4.48E+02	pCi/L
EF2-07-22S	Q1	NORMAL		Note 2			
EF2-07-22S	Q2	NORMAL		Note 2			
EF2-07-22S	Q3	NORMAL		Note 2			
EF2-07-22S	Q4	NORMAL		Note 2			
EF2-07-23S	Q1	NORMAL		Note 2			
EF2-07-23S	Q2	NORMAL	GEL	H-3	<	3.14E+02	pCi/L
EF2-07-23S	Q3	NORMAL	GEL	H-3	<	4.29E+02	pCi/L
EF2-07-23S	Q4	NORMAL	GEL	H-3	<	4.34E+02	pCi/L
EF2-07-24S	Q1	NORMAL		Note 2			
EF2-07-24S	Q2	NORMAL	GEL	H-3	<	2.97E+02	pCi/L
EF2-07-24S	Q3	NORMAL	GEL	H-3	<	4.24E+02	pCi/L
EF2-07-24S	Q4	NORMAL	GEL	H-3	<	4.37E+02	pCi/L
EF2-07-25S	Q1	NORMAL		Note 2			
EF2-07-25S	Q2	NORMAL	GEL	H-3	<	4.09E+02	pCi/L
EF2-07-25S	Q3	NORMAL	GEL	H-3	<	4.29E+02	pCi/L
EF2-07-25S	Q4	NORMAL	GEL	H-3	<	4.34E+02	pCi/L
EF2-07-26S	Q1	NORMAL		Note 2			
EF2-07-26S	Q2	NORMAL		Note 2			
EF2-07-26S	Q3	NORMAL	GEL	H-3	<	4.35E+02	pCi/L
EF2-07-26S	Q4	NORMAL	GEL	H-3	<	4.15E+02	pCi/L
EF2-07-27S	Q1	NORMAL		Note 2			
EF2-07-27S	Q2	NORMAL	GEL	H-3	<	3.22E+02	pCi/L
EF2-07-27S	Q3	NORMAL	GEL	H-3	<	4.39E+02	pCi/L
EF2-07-27S	Q4	NORMAL	GEL	H-3	<	4.31E+02	pCi/L
EF2-07-28S	Q1	NORMAL	GEL	H-3	<	4.50E+02	pCi/L
EF2-07-28S	Q2	NORMAL	GEL	H-3	<	3.15E+02	pCi/L
EF2-07-28S	Q3	NORMAL	GEL	H-3	<	4.39E+02	pCi/L
EF2-07-28S	Q4	NORMAL	GEL	H-3	<	4.10E+02	pCi/L
EF2-07-29S	Q1	NORMAL		Note 2			
EF2-07-29S	Q2	NORMAL	GEL	H-3	<	3.21E+02	pCi/L
EF2-07-29S	Q3	NORMAL	GEL	H-3	<	4.27E+02	pCi/L
EF2-07-29S	Q4	NORMAL	GEL	H-3	<	3.83E+02	pCi/L
EF2-07-31S	Q1	NORMAL		Note 2			
EF2-07-31S	Q2	NORMAL	GEL	H-3	<	3.14E+02	pCi/L
EF2-07-31S	Q3	NORMAL		Note 2			
EF2-07-31S	Q4	NORMAL	GEL	H-3	<	3.95E+02	pCi/L
MW-09	Q1	NORMAL		Note 2			
MW-09	Q2	NORMAL		Note 2			
MW-09	Q3	NORMAL		Note 2			
MW-09	Q4	NORMAL		Note 2			

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Table B-2 - Shallow and Intermediate Monitor Well Tritium Analysis Results for 2022
(Continued)

Monitor Well	Quarter	QA Type	Lab ID	Parameter	Prefix	Value	Units
MW-10	Q1	NORMAL		Note 2			
MW-10	Q2	NORMAL		Note 2			
MW-10	Q3	NORMAL		Note 2			
MW-10	Q4	NORMAL		Note 2			
MW-11	Q1	NORMAL		Note 2			
MW-11	Q2	NORMAL	GEL	H-3	<	3.14E+02	pCi/L
MW-11	Q3	NORMAL	GEL	H-3	<	4.19E+02	pCi/L
MW-11	Q4	NORMAL	GEL	H-3	<	3.79E 02	pCi/L
MW-18	Q1	NORMAL		Note 2			
MW-18	Q2	NORMAL		Note 2			
MW-18	Q3	NORMAL		Note 2			
MW-18	Q4	NORMAL		Note 2			
MW-21	Q1	NORMAL		Note 2			
MW-21	Q2	NORMAL	GEL	H-3	<	3.13E+02	pCi/L
MW-21	Q3	NORMAL	GEL	H-3	<	4.27E+02	pCi/L
MW-21	Q4	NORMAL	GEL	H 3	<	3.95E+02	pCi/L
EFT-1S	Q2	NORMAL	GEL	H-3	<	3.18E+02	pCi/L
EFT-1S	Q4	NORMAL	GEL	H-3	<	3.96E+02	pCi/L
EFT-2S	Q2	NORMAL	GEL	H-3	<	3.12E+02	pCi/L
EFT-2S	Q4	NORMAL	GEL	H-3	<	3.75E+02	pCi/L
EFT-4S	Q2	NORMAL	GEL	H-3	<	3.18E+02	pCi/L
EFT-4S	Q4	NORMAL	GEL	H-3	<	3.88E+02	pCi/L
EFT-5S	Q2	NORMAL	GEL	H-3	<	4.21E+02	pCi/L
EFT-5S	Q4	NORMAL	GEL	H-3	<	3.84E+02	pCi/L
EFT-6S	Q2	NORMAL	GEL	H-3	<	4.23E+02	pCi/L
EFT-6S	Q4	NORMAL	GEL	H-3	<	3.86E+02	pCi/L
EFT-7S	Q2	NORMAL	GEL	H-3	<	4.13E+02	pCi/L
EFT-7S	Q4	NORMAL	GEL	H-3	<	3.89E+02	pCi/L
EFT-8S	Q2	NORMAL	GEL	H-3	<	4.14E+02	pCi/L
EFT-8S	Q4	NORMAL	GEL	H-3	<	3.91E+02	pCi/L
EFT-8SR	Q2	NORMAL	GEL	H-3	<	4.11E+02	pCi/L
EFT-8SR	Q4	NORMAL	GEL	H-3	<	3.84E+02	pCi/L
EFT-9S	Q2	NORMAL	GEL	H-3	<	4.21E+02	pCi/L
EFT-9S	Q4	NORMAL	GEL	H-3	<	3.87E+02	pCi/L
EFT-10S	Q2	NORMAL	GEL	H-3	<	4.22E+02	pCi/L
EFT-10S	Q4	NORMAL	GEL	H-3	<	3.90E+02	pCi/L
P-392S	Q1	NORMAL	GEL	H-3	<	4.43E+02	pCi/L
P-392S	Q2	NORMAL	GEL	H-3	<	3.46E+02	pCi/L
P-392S	Q3	NORMAL	GEL	H-3	<	3.54E+02	pCi/L
P-392S	Q4	NORMAL	GEL	H-3	<	4.28E+02	pCi/L

Table B-2 - Shallow and Intermediate Monitor Well Tritium Analysis Results for 2022
(Continued)

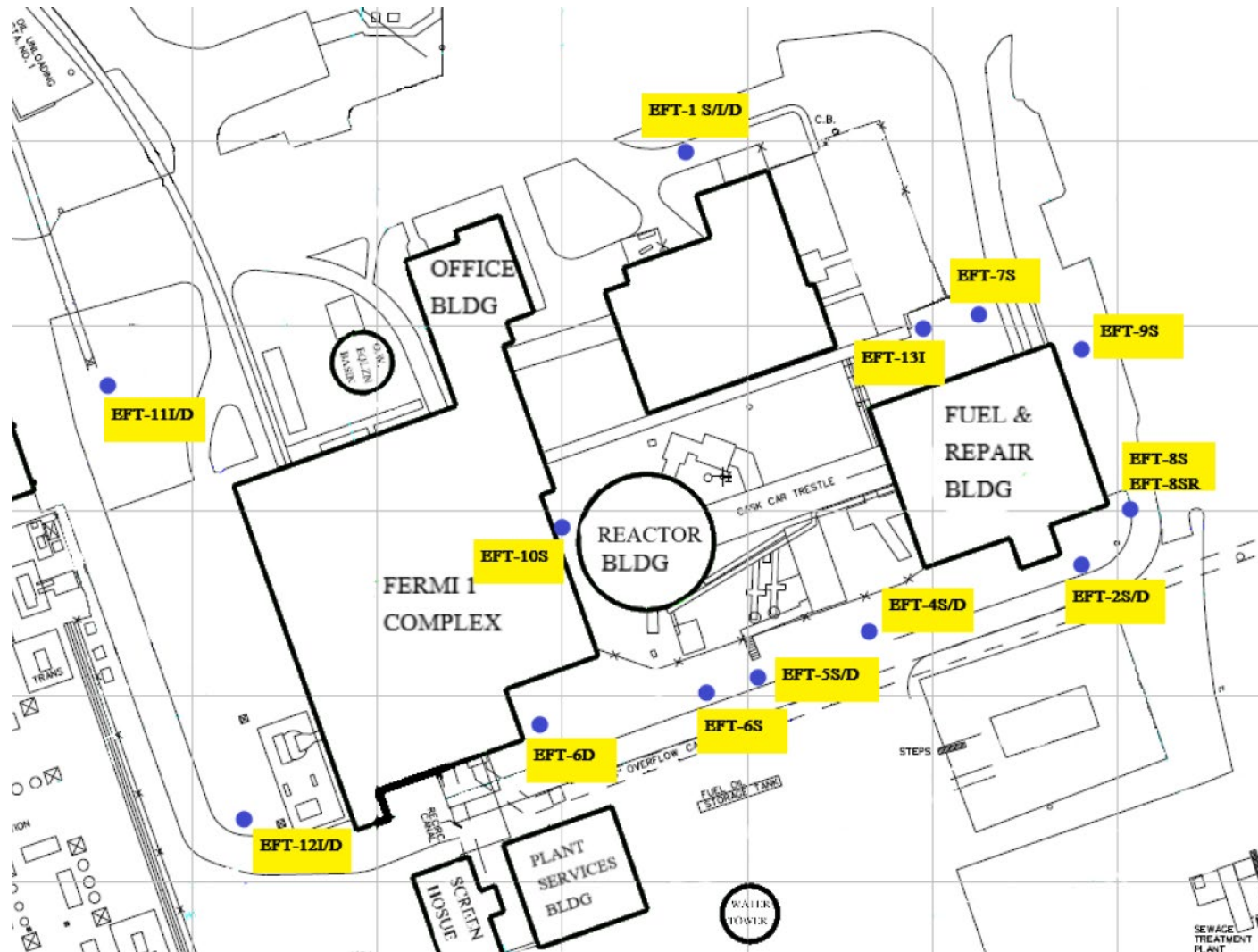
Monitor Well	Quarter	QA Type	Lab ID	Parameter	Prefix	Value	Units
EFT-1I	Q2	NORMAL	GEL	H-3	<	3.18E+02	pCi/L
EFT-1I	Q4	NORMAL	GEL	H-3	<	3.93E+02	pCi/L
EFT-11I	Q2	NORMAL	GEL	H-3	<	4.15E+02	pCi/L
EFT-11I	Q4	NORMAL	GEL	H-3	<	3.81E+02	pCi/L
EFT-12I	Q2	NORMAL	GEL	H-3	<	4.25E+02	pCi/L
EFT-12I	Q4	NORMAL	GEL	H-3	<	3.77E+02	pCi/L
EFT-13I	Q2	NORMAL		Note 2			
EFT-13I	Q4	NORMAL	GEL	H-3	<	3.77E+02	pCi/L
SE ISFSI SD	Q1	NORMAL	GEL	H-3	<	4.48E+02	pCi/L

Note 1: Monitor well inaccessible – for example in construction area.

Note 2: Monitor well could not be sampled – for example covered by snow, ice, water, gravel, or dried out.

Note 3: Monitor well could not be sampled – in a restricted area and alternate well in immediate area sampled.

Map 2 - Map of Current Monitor Well Locations (Fermi 1)



Appendix C

Rainwater Data and Analysis

Fermi 2 has documented the phenomenon of rainwater washout, also known as recapture, of gaseous effluents, in which tritium concentrations above background levels have been detected in rainwater samples collected at the site. The Nuclear Regulatory Commission has also recognized this phenomenon of recaptured gaseous effluents in NRC Regulatory Issue Summary 2008-03. Positive samples are most often observed in sectors which are downwind from the plant during the rain event. However, Table C-1 below shows that tritium was not detected in any rainwater or storm water samples analyzed in 2022.

Fermi 2 continues to monitor recapture through the collection of storm water outfall samples quarterly and rainwater samples at least once annually. These samples are normally analyzed for tritium to a Lower Limit of Detection (LLD) of 500 pCi/L or less. The table and map in this appendix show tritium results and collection locations for 2022 rainwater samples. The following general points may be made about recent years' data:

- 1) Higher rainwater tritium levels were detected most frequently and in sectors which are downwind from the plant vents, especially east and southeast from the plant. This is to be expected based on the prevailing wind direction and the location of the turbine building vent, which is the site's largest tritium release point, the reactor building vent, the second largest, and the condensate storage tank and condensate return tank vents which have the lowest elevation of the site's tritium release points. It is also consistent with the occasional detection of tritium in shallow groundwater wells in previous years, as mentioned in Appendix B. In 2022, however, the sampled rain water did not contain detectable tritium above the MDA.
- 2) The amount and location of rainwater washout can vary considerably between rain events. For example, in 2021, tritium was detected in 3 samples in a second quarter rain event, at concentrations of 457, 564 and 743 pCi/liter, but in no 2022 samples.
- 3) Detection of tritium in rainwater samples is more frequent and at slightly higher levels than in shallow groundwater wells: in 2018 the average detected tritium level in positive rainwater and outfall samples was 541 pCi/L versus 447 pCi/L for positive shallow groundwater samples. This is consistent with the dilution of rainwater tritium prior to its detection in groundwater wells. In 2022, there was no tritium detected in rainwater, storm water or groundwater wells.
- 4) In addition to releases from the plant ventilation release points, tritium levels in rainwater near the CST can also result from periodic venting of tritiated water vapor from the CST and CRT (minor release points for tritium).
- 5) All rainwater and storm-water tritium concentrations were less than one twentieth of the EPA drinking water limit (20,000 pCi/L). Thus, all tritium levels commonly detected in Fermi rainwater would be safe for drinking.

Table C-1 presents 2022 rainwater and storm water tritium analyses. The designation "<" indicates that tritium in the sample was less than the minimum detectable activity (MDA) for that sample.

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Radioactive Effluent Release Report
Appendix C – Rainwater Data and Analysis*

This level is similar to the minimum detectable concentration (MDC) level reported by General Engineering Laboratory (GEL) for groundwater samples (see Appendix B). These MDA and MDC values are in the same range: approximately 250-500 pCi/L. GEL is requested to count these samples to an MDA of 500 pCi/L or less and all MDA levels reported were less than 500 pCi/L. The MDA for each sample is presented in the table. The attached map shows the sample locations for the results reported in Table C-1.

Table C-1 - Precipitation and Storm Water Tritium Analysis Results for Year 2022

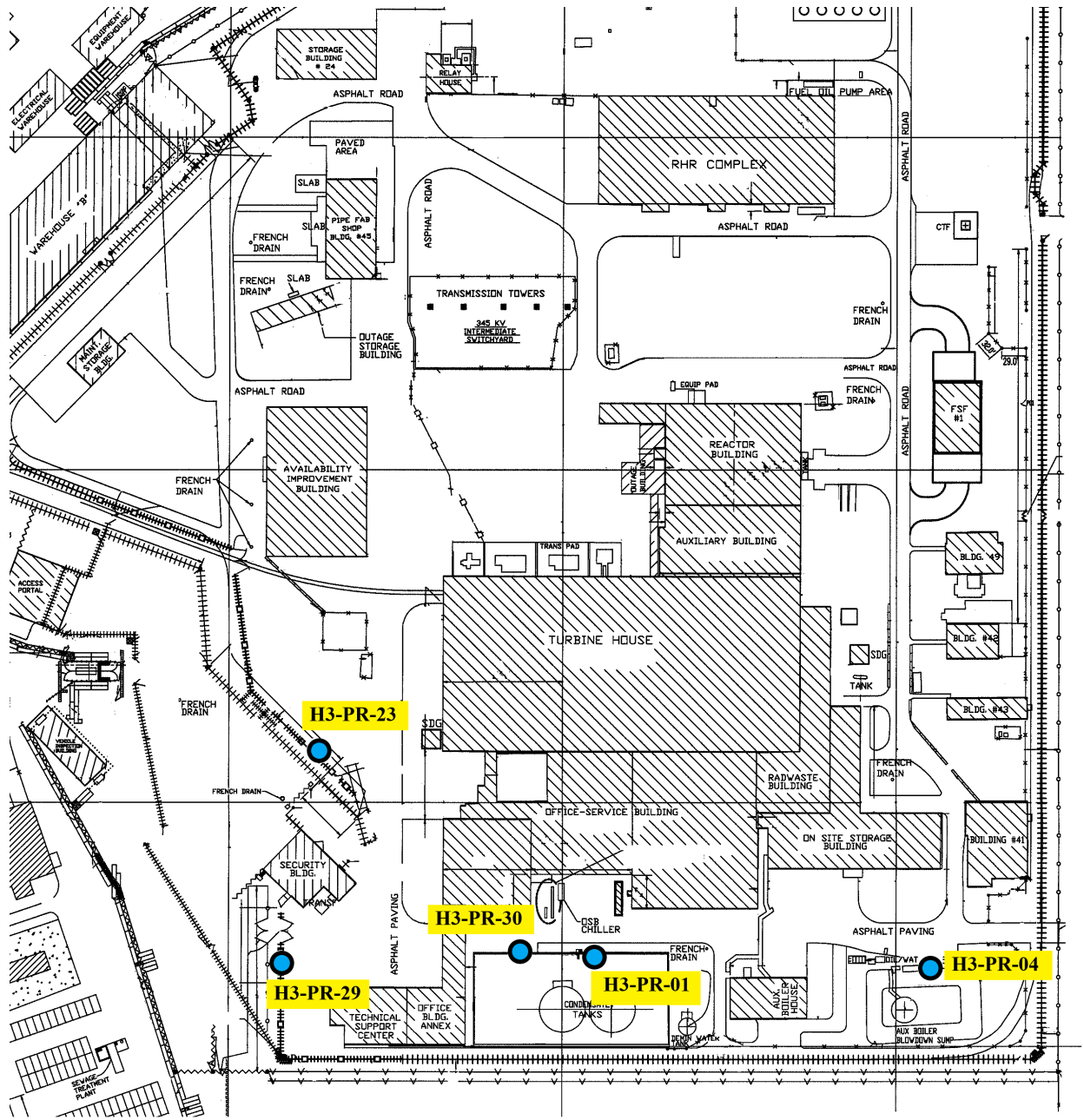
Sample Location	Quarter	Sample Date	Lab	Result (pCi/L or <MDA)	MDA (pCi/L)
OUTFALL 002	Q1	20-Mar-22	GEL	<	4.41E+02
OUTFALL 014	Q1	20-Mar-22	GEL	<	4.33E+02

Sample Location	Quarter	Sample Date	Lab	Result (pCi/L or <MDA)	MDA (pCi/L)
H3-PR-01	Q2	16-May-22	GEL	<	4.42E+02
H3-PR-04	Q2	16-May-22	GEL	<	4.36E+02
H3-PR-23	Q2	16-May-22	GEL	<	4.36E+02
H3-PR-29	Q2	16-May-22	GEL	<	4.35E+02
H3-PR-30	Q2	16-May-22	GEL	<	4.31E+02
OUTFALL 002	Q2	16-May-22	GEL	<	4.42E+02
OUTFALL 014	Q2	16-May-22	GEL	<	4.46E+02

Sample Location	Quarter	Sample Date	Lab	Result (pCi/L or <MDA)	MDA (pCi/L)
OUTFALL 002	Q3	22-Aug-22	GEL	<	4.00E+02
OUTFALL 014	Q3	22-Aug-22	GEL	<	3.28E+02

Sample Location	Quarter	Sample Date	Lab	Result (pCi/L or <MDA)	MDA (pCi/L)
OUTFALL 002	Q4	15-Dec-22	GEL	<	4.39E+02
OUTFALL 014	Q4	15-Dec-22	GEL	<	4.47E+02

Map 3 Map of Precipitation Collection Locations for 2022 (EF2 and Owner Controlled Area)



**Enclosure 2 to
NRC-23-0017**

**Fermi 2 NRC Docket No. 50-341
Operating License No. NPF-43**

Fermi 2 Annual Radiological Environmental Operating Report

FERMI 2 POWER PLANT
DTE Electric Company
OPERATING LICENSE NO. NPF - 43

2022

Annual Radiological Environmental Operating Report

for the period of
January 1, 2022 through December 31, 2022

Prepared by:

Fermi 2
Radiological Engineering

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Appendix E

*Interlaboratory Comparison Data, GEL Laboratories'
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Executive Summary

This Annual Radiological Environmental Operating Report is a detailed report on the Radiological Environmental Monitoring Program (REMP) conducted at DTE Electric Company's Fermi 2 nuclear power plant from January 1, 2022 through December 31, 2022.

Samples collected as part of the REMP were analyzed by GEL Laboratories, LLC. Radioactivity measurements for these samples are reported in terms of sample concentration, which is compared with the laboratory's minimum detectable concentration (MDC) level for each analysis. If the measured concentration exceeds the MDC, radioactivity is considered to have been detected in the sample. The unit of radioactivity normally used in this report is the picocurie (pCi); a picocurie is one-one trillionth of a Curie (Ci). The unit of direct radiation dose used in this report is milliroentgen (mR); a milliroentgen is one-one thousandth of a Roentgen (R).

The REMP is divided into four major parts: direct radiation monitoring, atmospheric monitoring, terrestrial monitoring, and aquatic monitoring. The results of 2022 data showed that environmental radioactivity levels have not increased from background radioactivity levels detected prior to the operation of Fermi 2.

Direct radiation measurements were taken at 79 onsite and offsite locations using thermoluminescent dosimeters (TLD). In 2022, readings of 41 TLDs located beyond the site boundary and less than 8 miles from the plant were not significantly different from those of 12 control TLDs located more than 9 miles from the plant. The readings of these offsite TLDs, which are considered to be due only to background radiation, is equivalent to the radiation levels measured prior to the operation of Fermi 2. Readings of 26 onsite TLDs, which are affected by direct radiation from the plant or from the spent fuel casks, were frequently above background levels, as expected.

Atmospheric monitoring results for 2022 showed only naturally occurring radioactivity and were consistent with levels measured prior to the operation of Fermi 2. No radioactivity attributable to activities at Fermi 2 was detected in any atmospheric samples during 2022.

Terrestrial and aquatic monitoring results for the 2022 samples of milk, vegetation, offsite ground water, drinking water, surface water, aquatic sediments, and fish showed mostly naturally occurring radioactivity. However, in one sediment sample, Cs-137, which is primarily attributable to atmospheric nuclear weapons testing, was detected. The radioactivity levels detected were generally consistent with levels measured prior to the operation of Fermi 2. No radioactivity attributable to activities at Fermi 2 was detected in any terrestrial or aquatic samples during 2022.

In summary, REMP sampling did not identify any radioactivity above MDC levels attributable to the operation of Fermi 2.

Radiological Environmental Monitoring Program Results

Direct Radiation Monitoring

Radiation is a normal component of the environment resulting primarily from natural sources, such as cosmic radiation and terrestrial radionuclides, and, to a lesser extent, from man made sources such as fallout from past nuclear weapons testing. The earth is constantly bombarded by cosmic radiation in the form of high energy gamma rays and particle radiation. The earth's crust also contains natural radioactive material, such as uranium, thorium, and potassium-40, which contributes to the background radiation. Direct radiation monitoring primarily measures ionizing radiation from these cosmic and terrestrial sources.

Thermoluminescent Dosimeters

Fermi 2 uses thermoluminescent dosimeters (TLDs) to measure direct gamma radiation in the environment adjacent to Fermi 2. The TLDs are thoroughly tested to comply with NRC Regulatory Guide 4.13 and American National Standards Institute's (ANSI) publication N545-1975. Compliance with these standards assures accurate measurements under varying environmental conditions.

Fermi 2 has 79 TLD locations within a fifteen-mile radius of the plant. These 79 TLD locations may be divided into 3 categories: 1) 26 TLDs which are located onsite and are affected by "sky shine" radiation from the plant and/or by radiation from the facility's Independent Spent Fuel Storage Installation, and therefore are not representative of off-site dose, 2) 41 "indicator" TLDs which are located at the site boundary or offsite but less than 8 miles from the plant, and 3) 12 "control" TLDs which are located more than 9 miles from the plant. Readings of the indicator TLDs are compared with readings from the control TLDs to determine whether there is any measurable offsite direct radiation from the plant which can be distinguished from the background radiation which all of these TLDs receive while in the field. These environmental TLDs are exchanged and processed on a quarterly basis. TLD data are reported in terms of milliroentgen per standard quarter (mR/std qtr), with a standard quarter being 91 days.

In 2022, the average exposure for TLDs at all off-site indicator locations was 13.8 mR/std qtr and for all control locations was 13.3 mR/std qtr. This difference is not statistically significant. (The one sigma uncertainty of these values is usually greater than 0.6 mR.) These exposures are consistent with preoperational and past operational measurements, as shown in Figure 1.

In addition to comparing the average readings of indicators and controls, it is important to determine whether any individual TLD locations show higher readings which could be attributed to direct radiation from the plant, and whether readings are increasing at any location in comparison to a baseline period.

It has been noted that there are unique long term patterns of exposure at several locations which tend to be consistent over a multi-year period. There are eight indicator TLDs which had consistently higher readings than overall averages in the 2016 through 2022 period: these were T16, T25, T26, T49, T57, T68, and T69, and T71, which showed average seven year (2016-2022) readings ranging from 16.1 to 17.6 mR/quarter and are located at distances from 0.6 miles to 4.9 miles from the plant. T49, at 1.1 miles WSW of the plant, had the highest average (17.6 mR/quarter) for this period.

In 2022, this pattern was only slightly different, with T16, T25, T49, T57, T68, T69, and T71 showing the highest average annual readings (but slightly lower than the multiyear averages): from 15.5 to 16.6 mR/quarter. The question of whether any of these higher reading TLDs could be reflecting direct radiation from the plant was evaluated. The distances from the plant of the seven highest reading TLDs in 2022 are:

T68 at 0.6 miles: 16.6 mR/quarter
T69 at 0.8 miles: 15.7 mR/quarter
T71 at 1.1 miles: 16.4 mR/quarter
T49 at 1.1 miles: 16.0 mR/quarter
T25 at 1.5 miles: 15.5 mR/quarter
T57 at 2.7 miles: 15.6 mR/quarter
T16 at 4.9 miles: 16.4 mR/quarter

The above data for these seven locations do not show a consistent pattern of increased readings closer to the plant. The closest of these higher reading TLDs, T68 at 0.6 miles from the plant, is located between two other TLDs—T5 and T6—which are also 0.6 miles from the plant but do not show similarly higher readings. The consistently higher readings at the seven locations shown above (also seen in previous years) are attributed to offsite environmental factors, which could include soil conditions such as fertilization, nearby rocks or structures, shady versus sunlit locations, and other environmental factors.

Aside from the offsite indicator and control locations described above, there are several onsite TLDs which did show higher readings due to direct radiation from the plant and from the ISFSI installation. During the first part of 2022, there were control rod drives (CRDs) which were stored on the ISFSI pad area prior to shipment offsite. Appendix C, shows these higher readings, especially in the second quarter. By the fourth quarter these CRDs had been shipped offsite and no longer contributed to the increased readings of onsite TLDs observed earlier.

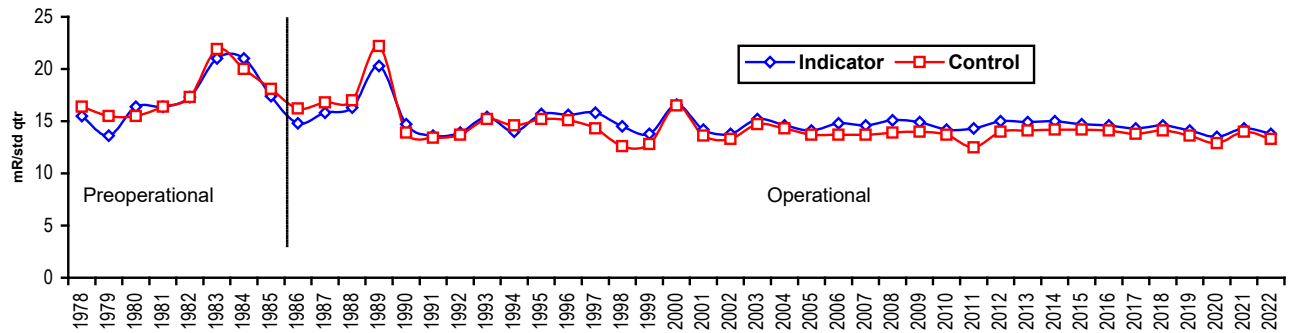


Figure 1: Fermi 2 Annual Average TLD Gamma Exposure. The differences between readings at indicator and control locations are not significant.

Atmospheric Monitoring

A potential exposure pathway to people is inhalation of airborne radioactive materials. Fermi 2 continuously samples the ambient air surrounding Fermi 2 for radioactivity attributable to the operation of the plant. Atmospheric monitoring began in 1979 during the preoperational program. At each sampling location, a mechanical air sampler is used to draw a continuous volume of air through two filters designed to collect particulates and radioiodines. Air samples are collected weekly and analyzed for gross beta radiation as well as gamma radiation attributable to iodine-131. The particulate filters for each sampling location are combined on a quarterly basis to form a “composite sample” and are analyzed for gamma-emitting radionuclides. There are five indicator sampling locations 0.6 to 1.4 miles from the plant. The control location is 14 miles west of the plant in an upwind sector that is considered to be unaffected by the operation of the plant.

Air Sampling

On October 16, 1980, the People’s Republic of China conducted an atmospheric nuclear weapon test. The fallout from this test was detected in Fermi 2 preoperational environmental air samples in 1981 (see Figure 2). The average gross beta for 1981 was 2.40E-1 pCi/cubic meter for control samples which was a factor of ten times greater than background gross beta. Gamma spectroscopic analyses of the particulate filters indicated cesium-137, cerium-141, cerium-144, ruthenium-103, ruthenium-106, zirconium-95, niobium-95, manganese-54, and antimony-125 in the atmosphere as a result of this test.

In 1986, as shown in Figure 2, there was a slight increase in gross beta activity and a 2.70E-1 pCi/cubic meter “spike” in the iodine-131 activity. These elevated levels in 1986 are attributed to the nuclear accident at Chernobyl on April 26, 1986. For all other years, the iodine-131 activity was below the lower limit of detection (LLD) of 7.0E-2 pCi/cubic meter.

On March 11, 2011, following the Tohoku earthquake and tsunami, the Fukushima Daiichi Nuclear Power Plant in Japan experienced a series of equipment failures, fuel-melt, and releases of radioactivity to the environment. Within weeks of the accident, US nuclear power plant REMP programs and other monitoring stations detected the radioactivity from Japan mainly in the form of airborne iodine-131.

During the week of April 5, 2011, all five of Fermi's air monitoring stations detected radioactivity greater than the MDC at an average airborne gross beta of 7.12E-2 pCi/cubic meter and 8.12E-2 pCi/cubic meter for iodine-131 due to the accident at Fukushima Daiichi Nuclear Power Plant.

During the 2022 monitoring period, 312 particulate air filters and 312 charcoal cartridges were collected and analyzed for gross beta activity and iodine-131 respectively. The average gross beta was 3.71E-2 pCi/cubic meter for indicator samples and 3.97E-2 pCi/cubic meter for control samples. There is one control sample that was collected on 6/7/22 that shows much higher gross beta levels at the control location than the weeks before and after. This was caused by a pump malfunctioning and collecting less than 10% of the normal sample volume. None of the charcoal filters collected showed detectable levels of iodine-131. The following table contains the annual average gross beta results of all six current sample locations for 2022.

Table 1: 2022 Average Gross Beta Concentrations in Air Particulates (pCi/m3)

Station	Description (sector/distance)	Annual Average (Std.Dev., N)
API-1 (I)	Estral Beach (NE/1.4 mi.)	3.63E-2 (9.60E-3, N=52)
API-2 (I)	Site Boundary (NNW/0.6 mi.)	4.22E-2 (2.95E-2, N=52)
API-3 (I)	Site Boundary (NW/0.6 mi.)	3.61E-2 (1.10E-2, N=52)
API-4 (C)	North Custer Rd. (W/14 mi.)	3.97E-2 (2.39E-2, N=52)
API-5 (I)	Site Boundary (S/1.2 mi.)	3.41E-2 (1.21E-2, N=52)
API-6 (I)	Site Boundary (WNW/0.6 mi.)	3.66E-2 (1.02E-2, N=52)

(I) = Indicator Station (C) = Control Station

Twenty-four (24) quarterly particulate filter composites were prepared and analyzed for gamma emitting radionuclides. Naturally occurring beryllium-7 and potassium-40 were detected in both indicator and control samples.

In conclusion, the atmospheric monitoring data are consistent with preoperational and prior operational data and show no adverse long-term trends in the environment attributable to operation of Fermi 2 as illustrated in Figures 2 and 3.

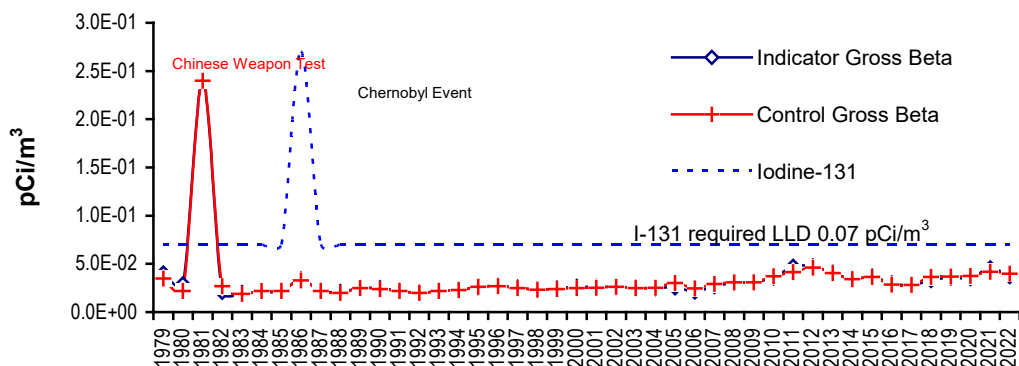


Figure 2: Annual Average Gross Beta and Iodine-131 Activity in Air Samples. The similarity between indicator and control gross beta results demonstrates that the operation of Fermi 2 has had no adverse impact with respect to these radionuclides. For I-131, the lower limit of detection (LLD) of 0.07 pCi/cubic meter is shown, except for the Chinese weapon test event in which I-131 was detected.

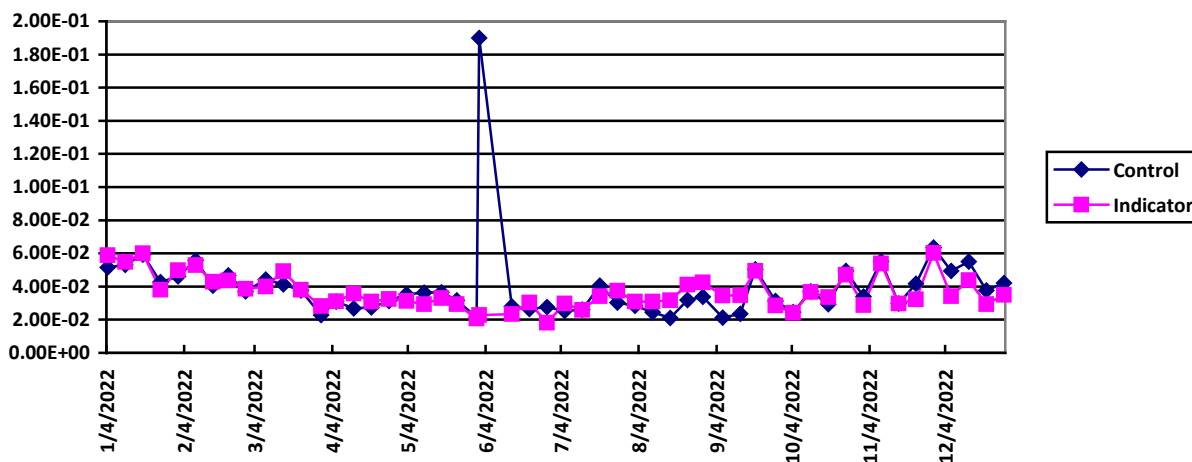


Figure 3: Fermi 2 Air Particulate Gross Beta for 2022. This figure shows the concentration of beta emitting radionuclides in airborne particulate samples at the control location (API-4, 14 miles west of the plant) and at the closest indicator location (API-6, 0.6 miles WNW of the plant). It does not show consistently increased radioactivity at the indicator location; in fact control concentrations are frequently higher. However it does show slight seasonal variation similar to that observed in previous years, namely greater activity in fall and winter months. Regarding the sharply higher control concentration in early June, note that this represents a single sample, whereas indicator values are the average of 5 samples.

Terrestrial Monitoring

Radionuclides released to the atmosphere may deposit on soil and vegetation, and therefore, may eventually be incorporated into the human food chain. To assess the impact of Fermi 2 operations to humans from the ingestion pathway, samples of milk, vegetation, and ground water are collected and analyzed for radioactivity. The following sections discuss the type and frequency of terrestrial sampling, analyses performed, as well as a comparison of 2022 data to previous operational and preoperational data.

Milk Sampling

A major pathway in the human food chain is the consumption of milk from grazing animals (dairy cows or goats) due to biological concentration and the short time between source and human consumption in this pathway. Until 2016, milk was collected from one indicator location and one control location semimonthly when animals are in pasture, and monthly when the animals are on stored feed. However, in the fall of 2016, the indicator milk sample location ceased operation, and thereafter only the control milk sample is being collected. The milk is analyzed for iodine-131, other gamma emitting radionuclides, and strontium-89/90.

Milk sampling began in 1979 during the preoperational program. During this time period, milk samples were analyzed for iodine-131 and other gamma emitting radionuclides. Cesium-137 and naturally occurring potassium-40 were the only radionuclides detected in milk samples during the preoperational program. The cesium-137 activity averaged $3.60\text{E}+0$ pCi/liter and was due to past atmospheric nuclear weapons testing. In 1986, after the nuclear accident at Chernobyl, iodine-131 and cesium-137 were detected in both indicator and control milk samples. The average activity was $3.70\text{E}+0$ pCi/liter for iodine-131 and $6.60\text{E}+0$ pCi/liter for cesium-137.

The analysis for strontium-89/90 began in 1988, and strontium-90 was occasionally detected in both indicator and control milk samples because of past atmospheric nuclear weapons testing. In 1970, the concentration of strontium-90 in Monroe County milk was $6.00\text{E}+0$ pCi/liter according to the Michigan Department of Health's "Milk Surveillance," Radiation Data and Reports, Vol. 11-15, 1970-1974. Figure 4 shows the calculated radiological decay curve for the 1970 concentration of strontium-90 and the average concentrations, or MDC values if strontium-90 was not detected, since 1988. This graph illustrates that the inventory of strontium-90 in local milk samples has not exceeded the projected decay from 1970 levels. This supports the conclusion that the inventory of strontium-90 in the Fermi 2 environment is due to sources such as fallout from past atmospheric nuclear weapons testing and not the operation of Fermi 2.

During 2022, thirty-six (36) milk samples were collected and analyzed for iodine-131, gamma emitting radionuclides, and strontium-89/90. However, one milk sample from July 28th that was not analyzed for strontium-89 due to a logging issue at the lab when the

sample arrived. That sample was still analyzed for strontium-90. No iodine-131 or strontium-89/90 was detected greater than the MDC in any of the samples. Since there were no confirmed detections of strontium-90 in any milk samples, the average MDC of 1.52 pCi/liter is shown for strontium-90 in milk in 2022 in Figure 4.

Naturally occurring potassium-40 was detected in these milk samples (average $1.45E+3$ pCi/L, Std. Dev. $5.66E+1$, N=36).

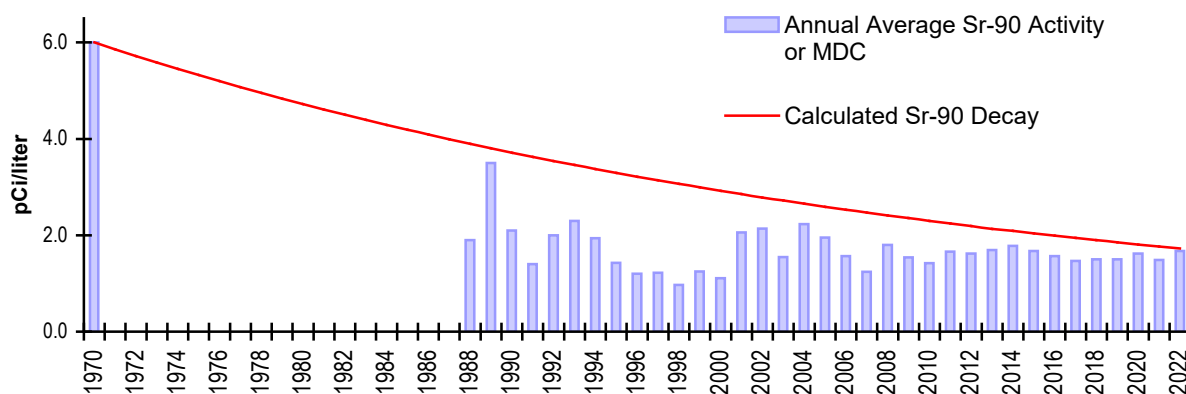


Figure 4: Historical Strontium-90 Activity in Local Milk Samples. The concentration of strontium-90 in local milk samples and the MDC levels are below the calculated decay curve based on 1970 levels. The data shown are the average of positive values; if strontium was not detected at the Minimum Detectable Concentration (MDC) in any samples taken during the monitoring period, the average of the MDC values is shown.

Ground-Water Sampling

In areas not served by municipal water systems, water supplies for domestic use are generally obtained from private wells. The network of private wells presently in use forms the source of water for domestic and livestock purposes in farms and homes west and north of the site. With the construction of new water plants and distribution systems, the water use trend in the area is from ground water (local wells) to surface water (municipal water supply).

Ground water is collected on a quarterly basis from four wells surrounding Fermi 2. (This sampling is distinct from the onsite groundwater sampling performed under the integrated ground water protection program--IGWPP.) The ground water is analyzed for gamma-emitting radionuclides and tritium. Sampling location GW-4, which is located approximately 0.6 miles west northwest, is designated as the control location because it is

up-gradient and is least likely to be affected by the operation of the plant. The other three sampling locations are down-gradient from Fermi 2 and designated as indicator locations.

Ground-water sampling began in 1987, during the operational period of the REMP program. From 1987 to 1996, naturally occurring potassium-40, cesium-137, and tritium were detected in both indicator and control samples. The average concentration was $7.71\text{E}+0$ pCi/liter for cesium-137 and $1.50\text{E}+2$ pCi/liter for tritium. The presence of cesium-137 and tritium in those ground-water samples was due to fallout from past atmospheric nuclear weapons testing leaching into the soil and becoming incorporated into the ground water. From 1997 on, only naturally occurring radioactivity was detected in ground-water samples.

In 2022, twenty (22) ground-water samples were collected and analyzed for gamma emitting radionuclides and tritium. Only naturally occurring isotopes of potassium-40, Lead-212 and 214, and Bismuth-214 were detected at concentrations greater than the MDC in both the control and indicator samples. One sample from GW-4 (control) had a Cesium-137 result, 3.34 pCi/L, that was higher than the MDC, 2.31 pCi/L. This sample was analyzed again and another sample was immediately collected from GW-4 and sent to GEL for analysis. Both the reanalyzed sample and follow-up sample were below MDC. Additionally, a quality control sample was also collected from GW-4 and that sample was below MDC for Cesium-137. Due to the reanalyzed sample, follow-up sample, and QC sample all being below MDC, the first sample that was above MDC it is believed to have been a false positive.

Vegetation Sampling

Fermi 2 collects vegetation samples from three indicator locations, and at one control location that is at a distance and direction which is considered to be unaffected by plant operations. Samples are to be collected monthly, when available, and analyzed for gamma-emitting radionuclides.

Vegetable sampling started in 1982. During the preoperational period from 1982 to 1985, only naturally occurring potassium-40 was detected in both indicator and control vegetable samples. During the operational period from 1985 to 1990 and 1994 to 1995, only naturally occurring potassium-40 was detected in both indicator and control vegetable samples. However, in 1991, 1992, and 1993, cesium-137 was detected in one indicator sample each year and had an average concentration of $1.2\text{E}+1$ pCi/kilogram.

Cesium-137 may become incorporated into plants by either uptake from the soil or direct deposition on foliar surfaces. Since cesium-137 is normally not detected in gaseous effluent samples from Fermi 2, and there have been no recent atmospheric weapons testing or nuclear accidents, the incorporation of cesium-137 by direct deposition is highly unlikely. The most probable source of cesium-137 in vegetable samples is the uptake of previously deposited cesium-137, which has leached into the soil. This cesium

activity is attributed to fallout from past atmospheric weapons testing and to the nuclear accident at Chernobyl.

During 2022, twelve (14) vegetation samples were collected and analyzed for gamma emitting radionuclides. No iodine-131 was detected greater than the MDC in vegetation samples during 2022. The only gamma emitting radionuclides detected were naturally occurring beryllium-7 and potassium-40, which were found in both indicator and control samples.

To summarize, terrestrial monitoring results for 2022 of milk, ground water, and vegetation samples, showed confirmed detection of naturally occurring radioactivity only. The radioactivity levels detected were consistent with levels measured prior to the operation of Fermi 2 and no radioactivity attributable to activities at Fermi 2 was detected greater than the MDC in any terrestrial sample. In conclusion, the terrestrial monitoring data show no adverse trends attributable to emissions from Fermi 2 in the terrestrial environment.

Aquatic Monitoring

Fermi 2 is located at the west end of Lake Erie. This Great Lake is used as a source for drinking water, as well as for recreational activities such as fishing, swimming, sunbathing, and boating. Because of these uses, Lake Erie and its tributaries are routinely monitored for radioactivity.

The aquatic monitoring portion of the REMP consists of sampling raw municipal drinking water, surface water, lake sediments, and fish for the presence of radioactivity. The following sections discuss the type and frequency of aquatic sampling, analyses performed, as well as a comparison of 2022 data to previous operational and preoperational data.

Drinking-Water Sampling

Fermi 2 monitors drinking water at one control location and one indicator location using automatic samplers. The automatic samplers collect drinking water at time intervals that are very short (hourly) relative to the sample collection period (monthly) in order to assure that a representative sample is obtained. Indicator water samples are obtained at the Monroe water intake located approximately 1.1 miles south of the plant. Detroit municipal water is used for the control samples and is obtained at the Great Lakes Water Authority water intake in Allen Park located approximately 18.6 miles north of the plant. Drinking water samples are collected monthly and analyzed for gross beta, strontium-89/90, and gamma-emitting radionuclides. The monthly samples for each location are combined quarterly and analyzed for tritium activity.

In late 1980, as shown in Figure 5, an atmospheric nuclear weapon test was conducted by the People's Republic of China. As a result of this test, the average gross beta for 1981

was $9.80\text{E}+0$ pCi/liter for water samples. Figure 5 also shows that, except for the Chinese weapons testing, the historic drinking water sample data are below or slightly above the lower limit of detection ($4.00\text{E}+0$ pCi/liter) required by US Environmental Protection Agency (USEPA) National Interim Primary Drinking Water regulations. Even during the Chinese weapons testing, the drinking water samples did not exceed the USEPA maximum allowable criteria of $5.00\text{E}+1$ pCi/liter gross beta. In 1980 and 1983, cesium-137 was detected in drinking water samples at levels ranging from $5.40\text{E}+0$ pCi/liter to $1.90\text{E}+1$ pCi/liter. Tritium was also detected during the preoperational program and had an average of $3.25\text{E}+2$ pCi/liter. The presence of cesium-137 and detectable levels of tritium in these water samples is due to fallout from past atmospheric nuclear weapons testing and naturally occurring tritium.

The analysis of drinking water for strontium-89 and strontium-90 began in 1988 and strontium-90 has been detected in both indicator and control samples. Tritium was also detected in both indicator and control drinking water samples at times during this earlier time period. The presence of strontium-90 and detectable levels of tritium in these water samples is due to fallout from past atmospheric nuclear weapons testing and naturally occurring tritium. In recent years these nuclides have not been detected in drinking water samples.

In 2022, thirty-six (36) drinking water samples were collected, but due to a sample login issue at the lab only thirty-five (33) samples analyzed for gross beta; thirty-five (36) drinking water samples were collected and analyzed for gamma emitting radionuclides and strontium-89/90. Strontium-89/90 activity was not detected greater than the MDC. Twelve (12) quarterly composite drinking water samples were prepared and analyzed for tritium. No tritium activity was detected greater than the MDC in drinking water samples from indicator or control locations during 2022. The only radionuclides detected in these samples were naturally occurring potassium-40 and Actinium-228, in two indicator samples. Figure 5 shows historical indicator versus control location gross beta activity, or MDC values if gross beta was not detected, as was the case in 2022. There is no indication of a trend toward greater activity in indicator samples than in control samples.

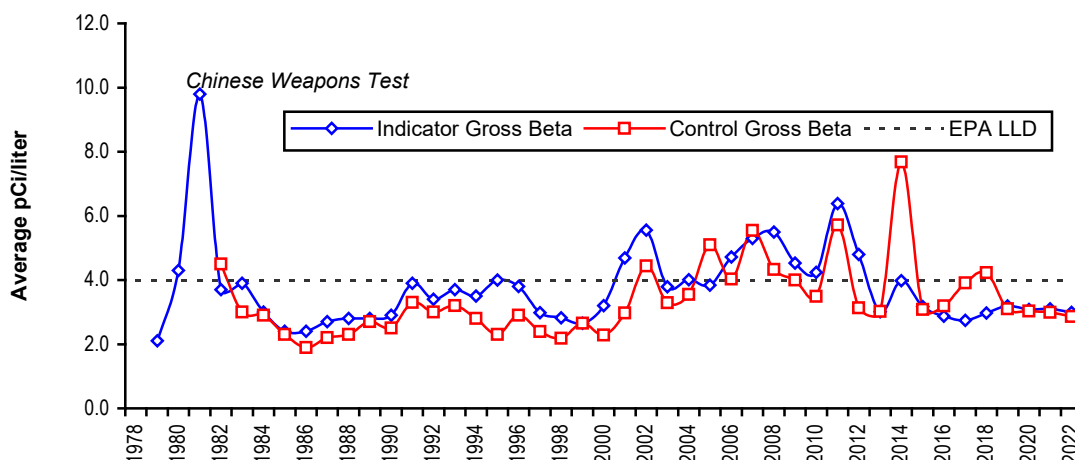


Figure 5: Historical Gross Beta Activity in Drinking Water Samples. Since 1982, the annual concentrations of beta emitting radionuclides in drinking water samples collected from indicator locations have been similar to those from control locations. Figure 5 shows that Fermi 2 has had no measurable radiological impact on local drinking water. This graph shows the average of positive values, or if activity was less than MDC in all samples taken during the monitoring period, the average of the MDC values is reported.

Surface-Water Sampling

Fermi 2 monitors surface water at two locations using automatic samplers. As with drinking water, the automatic samplers collect surface water at time intervals that are very short (hourly) relative to the sample collection period (monthly) to ensure that a representative sample is obtained. Indicator surface water samples are obtained at the Fermi 2 General Service Water building, located approximately 0.2 miles south southeast from Fermi 2. In 2022 the location of the control surface changed. From January through September the control samples were obtained from DTE Energy Trenton Channel Power Plant's cooling water intake on the Detroit River, which is approximately 11.7 miles north northeast of Fermi 2. For October through December, and going forward, the control samples are collected from the Great Lakes Water Authority water intake in Allen Park located approximately 18.6 miles north of the plant. Surface water samples are collected monthly and analyzed for strontium-89/90 and gamma emitting radionuclides. The monthly samples for each location are combined quarterly to form a quarterly composite sample and are analyzed for tritium.

Surface water sampling began in 1979, and the samples were analyzed for gamma emitting radionuclides and tritium. During this preoperational program, no gamma emitting radionuclides, except for naturally occurring potassium-40, were detected. Tritium was detected in both indicator and control samples during this time period and had an average concentration of 3.15E+2 pCi/liter. This tritium activity represents the

background concentration due to naturally occurring tritium and tritium produced during past atmospheric nuclear weapons testing.

From 1985 to 2000, as part of the operational program, surface-water samples were analyzed for gamma emitting radionuclides and tritium. The analysis for strontium-89/90 did not begin until 1988, and strontium-90 was detected in both indicator and control samples. In 1990, two indicator samples showed detectable activity for cesium-137 at an average concentration of $1.20\text{E}+1$ pCi/liter. The presence of cesium-137 and strontium-90 in these water samples is due to fallout from past atmospheric nuclear weapons testing. Tritium was detected in both indicator and control surface water samples during this time period at a concentration of $2.31\text{E}+2$ pCi/liter. This tritium activity is consistent with background levels measured during the preoperational program.

In 2022, thirty-six (36) surface water samples were collected and analyzed for gamma emitting radionuclides and strontium-89/90. From these samples, twelve (12) quarterly composite samples (eight samples for indicator locations and four samples for the control location) were prepared and analyzed for tritium. During 2022, no plant related gamma emitting radioisotopes were detected above their respective MDC in any surface-water samples. However, in two indicator samples and one control sample, naturally occurring potassium-40 was detected at an average concentration of $6.48\text{E}+1$ and $3.14\text{E}+1$, respectively. Strontium-89 and strontium-90 activity were not detected greater than the MDC in surface water samples from indicator or control locations during 2022. Tritium was not detected greater than the MDC in surface water samples from indicator or control locations during 2022.

Sediment Sampling

Sediments often act as a sink (temporary or permanent) for radionuclides, but they may also become a source, as when they are resuspended during periods of increased turbulence or are dredged and deposited elsewhere. Sediment, in the vicinity of the liquid discharge point, represents the most likely site for accumulation of radionuclides in the aquatic environment, and with long-lived radionuclides, a gradual increase in radioactivity concentration would be expected over time if discharges occur (no radioactive liquid discharges have occurred at Fermi 2 since the mid-1990s). Sediment, therefore, can provide a long-term indication of change that may not appear in other sample media (i.e., water or fish samples).

Sediments from five locations are collected from the Lake Erie shoreline and bottom on a semiannual basis (Spring and Fall) and are analyzed for gamma emitting radionuclides and strontium-89/90. Of these five sample locations, one is a control and four are indicator locations. The control sample is collected near the DTE Energy Trenton Channel Power Plant's cooling water intake. The indicator samples are collected at:

- Estral Beach
- Offshore of the Fermi 2 liquid discharge
- Pointe Aux Peaux (shoreline)

- Indian Trails Community Beach

During the preoperational monitoring program, only samples from indicator locations were analyzed for gamma emitting radionuclides as there was no control location required. Naturally occurring radionuclides were commonly identified in sediment samples from this period; the only manmade radioisotope detected was cesium-137. For this time period, the average cesium-137 concentration was $3.27\text{E}+2$ pCi/kilogram. The presence of cesium-137 in these sediment samples is due to fallout from past atmospheric nuclear weapons testing.

From 1985 to 2022, cesium-137 (average activity $1.44\text{E}+2$ pCi/kilogram) and naturally occurring radionuclides were detected in sediment samples. The analysis for strontium-89/90 began in 1988, and strontium-90 has periodically been detected in both indicator and control samples (average activity $2.25\text{E}+2$ pCi/kilogram). Because of both of these radioisotopes' long half-lives, approximately 30 years, the persistence of cesium-137 and sporadic occurrence of strontium-90 in sediment samples has been attributed to fallout from past atmospheric nuclear weapons testing.

In 1990 and 1991, the spring samples taken at the Fermi 2 liquid discharge line (location S-2) showed activity for plant related radionuclides (manganese-54, cobalt-58, cobalt-60, and zinc-65) and was determined to be a result of liquid effluent from Fermi 2. The sample results were well below any regulatory reporting limits and were consistent with the activity released from the plant in liquid effluents as per the approved effluent program. The dose impact was negligible due to these effluents.

In 2022, ten (10) sediment samples were collected and analyzed for gamma emitting radionuclides and strontium-89/90. Cesium-137 was detected in one indicator location sample at a concentration of $8.64\text{E}+1$ pCi/kg. The presence of cesium-137 in sediment samples is due to fallout from past atmospheric nuclear weapons testing. Naturally occurring radionuclides actinium-228, bismuth-214, lead-212, lead-214, potassium-40, radium-226, thallium-208, thorium-228, and thorium-230 were detected in both indicator and control sediment samples during this sampling period. The highest concentrations of these naturally occurring radionuclides have consistently been detected offshore of the Fermi 2 liquid discharge point; this may be related to the fact that this is also the circulating water pond decant point. No plant-related radionuclides were identified in any sediment samples taken in 2022.

Figure 6 shows the historical concentration of cesium-137 in sediment samples from 1978 to 2022. Using the average pre-operational cesium-137 activity in sediments ($3.27\text{E}+2$ pCi/kilogram, Std Dev $2.11\text{E}+2$) as a starting point, the estimated decayed cesium-137 activity is calculated using the half-life of cesium-137 (30.08 years) and a starting year of 1978. This trend of decreasing activity of cesium-137 is also seen in the sediment samples taken since 1985, although sediment sample cesium-137 activity seems to have leveled off in recent years, perhaps due to additional inputs such as the Chernobyl and Fukushima accidents.

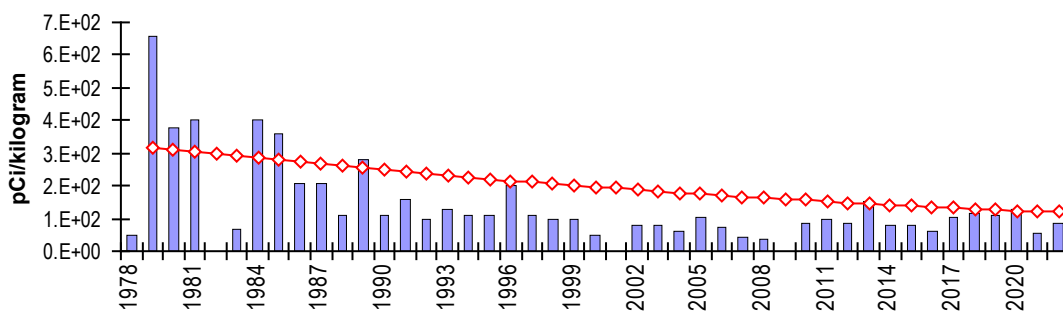


Figure 6: Historical Cesium-137 Activity in Sediment Samples. As the calculated trend line shows, the concentration of cesium-137 in Lake Erie sediments has not exceeded predicted levels based on decay of cesium-137 from preoperational levels.

Fish Sampling

Samples of fish are collected from Lake Erie at three locations on a semiannual basis. There are two control locations and one indicator location. The two control locations are offshore of Celeron Island and in Brest Bay. The indicator location is approximately 1200 feet offshore of the Fermi 2 historical liquid effluent discharge point. Edible portions of the fish are analyzed for gamma emitting radionuclides and strontium-89/90.

During the preoperational program, fish samples were analyzed for gamma emitting radionuclides. Only cesium-137 and naturally occurring potassium-40 were detected during this time period. The average concentration of cesium-137 for indicator samples was 3.53E+1 pCi/kilogram and 4.20E+1 pCi/kilogram for control samples. The presence of cesium-137 in these fish samples is due to fallout from past atmospheric nuclear weapons testing.

From 1985 to 2022, naturally occurring potassium-40 and sometimes cesium-137 were detected in fish samples. The average cesium-137 concentration for indicator samples was 2.87E+1 pCi/kilogram and 3.31E+1 pCi/kilogram for control samples. The analysis for strontium-89/90 began in 1990, and strontium-90 was sometimes detected. The average strontium-90 concentrations for indicator samples was 3.84E+1 pCi/kilogram and 3.15E+1 pCi/kilogram for control samples. The presence of cesium-137 and strontium-90 in these fish samples is due to fallout from past atmospheric nuclear weapons testing.

In 2022, 22 fish samples were collected and analyzed for gamma emitting radionuclides and strontium-89/90. Naturally occurring potassium-40 was detected in all indicator and control samples and was the only isotope detected in 2022. The average indicator concentration of potassium-40 was 2.97E+3 pCi/kg, and the average control concentration was 2.87E+3 pCi/kg. No other radionuclides were detected in fish samples in 2022.

To summarize, aquatic monitoring results for 2022 of water, sediment, and fish showed only naturally occurring radioactivity and radioactivity associated with fallout from past atmospheric nuclear weapons testing and were consistent with levels measured prior to the operation of Fermi 2. In conclusion, no radioactivity attributable to activities at Fermi 2 was detected greater than the MDC in any aquatic sample during 2022 and no adverse long-term trends are seen in the aquatic monitoring data.

Land-Use Census

The Land-Use Census is conducted in accordance with the Fermi 2 Offsite Dose Calculation Manual (ODCM), control 3.12.2, and satisfies the requirements of Section IV.B.3 of Appendix I to 10 CFR Part 50. This census identifies changes in the use of unrestricted areas to permit modifications to monitoring programs for evaluating doses to individuals from principal pathways of exposure. The pathways of concern are listed below:

- **Inhalation Pathway** - Internal exposure as a result of breathing radionuclides carried in the air.
- **Ground Exposure Pathway** - External exposure from radionuclides deposited on the ground.
- **Plume Exposure Pathway** - External exposure directly from a plume or cloud of radioactive material.
- **Vegetation Pathway** - Internal exposure as a result of eating vegetables which have absorbed deposited radioactive material, or which have absorbed radionuclides through the soil.
- **Milk Pathway** - Internal exposure as a result of drinking milk which may contain radioactive material as a result of dairy animals grazing on a pasture contaminated by radionuclides.
- **Meat Pathway** - Internal exposure as a result of consuming meat which may contain radioactive material as a result of animals grazing on a pasture contaminated by radionuclides.

The Land-Use Census is conducted during the growing season and is used to identify, within a radius of 5 miles, the locations of the nearest residences, milk animals, meat animals, and gardens (greater than 50 square meters and containing broad leaf vegetation) in 12 of the 16 meteorological sectors surrounding Fermi 2. The remaining 4 sectors are situated over Lake Erie and cannot be sampled for the Land-Use Census. Gardens greater than 50 square meters are the minimum size required to produce the quantity (26 kg/year) of leafy vegetables assumed in NRC Regulatory Guide 1.109 for consumption by a child. To determine this minimum garden size, the following assumptions were

made: (1) 20% of the garden is used for growing broad leaf vegetation (i.e., lettuce and cabbage); and (2) a vegetation yield of 2 kg/square meter.

2022 Land-Use Census Results

The Land Use Census (LUC) is conducted in accordance with ODCM control 3.12.2 and satisfies the requirements of Section IV.B.3 of Appendix I to 10 CFR Part 50. This census identifies changes in the use of unrestricted areas to permit modifications to monitoring programs for evaluating doses to individuals from principal pathways of exposure. The annual Land-Use Census is conducted during the growing season and is used to identify, within a radius of 5 miles, the location of the closest residences, milk animals, meat animals, and gardens in each of the 12 land-based meteorological sectors surrounding Fermi 2.

The 2022 Land-Use Census was performed during the months of August and September. The 2022 census data were obtained with the use of Global Positioning System (GPS) equipment and new locations confirmed using location data obtained from a commercial online search engine. These data were compared to the 2021 data to determine any significant changes in the use of the land. The results of the census are tabulated in Table 2 of this report.

The changes from previous LUC results appear minimal with respect to potential maximum receptors; therefore, there is no reason to change the ODCM description of the maximum exposed individual. It remains conservative with respect to all potential offsite dose pathways, no matter how unlikely they may be.

The location of the hypothetical, conservative, “maximum exposed individual” remains the same and is described as follows:

Pathway	Sector	Azimuth (degrees)	Distance (miles)	Age Group	Maximum Organ
Ingestion (vegetation)	WNW	302.2	0.71	Child	Thyroid/ Bone*

* For the 10 CFR 50 Appendix I required calculation of dose due to I-131, I-133, H-3, and particulates with half-lives greater than 8 days, the thyroid is the maximum organ. However, if C-14 is added to this dose calculation, bone becomes the maximum organ.

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Table 2: 2022 Land-Use Census

Sector	Address	Type	Sub-Type	Approx. Miles	2022 Status	2021 Status	2020 Status
WSW	2180 Fairview	Garden		4.48	Active	Active	Active
WSW	3324 Ferndale	Garden		3.26	Inactive	Inactive	New
WSW	3470 Fernwood Dr	Garden		2.94	Active	Active	New
WSW	1212 Fix Rd	Undefined	Chickens	5.28	Inactive	Inactive	Inactive
WSW	1339 Fix Rd	Garden		5.11	Inactive	Inactive	New
WSW	3400 Lakeshore Dr	Undefined	Chickens	3.24	Active	New	
WSW	3345 Meadowcrest	Garden		2.81	New		
WSW	3049 Mentel Rd	Garden		4.28	Inactive	Inactive	Active
WSW	3219 Mentel Rd	Garden		4.26	Inactive	Active	Active
WSW	2746 Mentel Rd	Undefined	Chickens	4.39	Active	New	
WSW	2333 Mentel Rd	Garden		4.68	Active	New	
WSW	3134 N Dixie Hwy	Garden		3.56	Active	Active	Active
WSW	2831 Nadeau Rd	Garden		3.39	Active	Inactive	Active
WSW	2966 Nadeau Rd	Undefined	Chickens	3.25	Inactive	New	
WSW	3060 North Grove	Garden		3.67	New		
WSW	3398 Parkwood	Garden		3.26	Active	Active	Active
WSW	3427 Parkwood	Garden		3.23	Active	Active	Active
WSW	4981 Pte Aux Peaux	Residence		1.39	Active	Active	Inactive
WSW	3253 Seminole	Garden		3.00	Active	Inactive	Inactive
WSW	3091 Tenth St	Garden		1.74	Active	Active	New
WSW	5384 Williams	Garden		2.64	Active	Active	Active
WSW	5190 Williams Rd	Undefined	Chickens	2.61	Inactive	Active	Active
WSW	5190 Williams Rd	Garden		2.61	New		
WSW	2833 Woodland Blvd	Garden		3.42	Active	Inactive	Active
WSW	3032 Woodland Blvd	Garden		3.44	Active	Active	New
WNW	1950 Buhl Rd	Undefined	Chickens/ Ducks	4.68	Active	Active	New
WNW	2106 Buhl Rd	Garden		4.58	Active	Active	Active
WNW	6200 Langton	Residence		0.71	Active	Active	Active
WNW	5922 Leroux Rd	Garden		1.54	Inactive	Inactive	New
WNW	5922 Leroux Rd	Undefined	Chickens	1.54	Inactive	New	
WNW	6425 N Dixie Hwy	Meat	Cattle	1.64	Active	Active	Active
WNW	6175 N Dixie Hwy	Undefined	Chickens	1.7	Active	Active	Active
WNW	6175 N Dixie Hwy	Garden		1.7	Active	New	
WNW	6623 Newport South	Undefined	Chickens	3.38	Inactive	Active	Inactive
WNW	6685 Newport South	Garden/ Undefined	Chickens	3.28	Active	Active	Active
WNW	6800 Newport South	Undefined	Chickens	3.24	Active	Inactive	Inactive
WNW	7288 Newport South	Garden/ Undefined	Chickens/ Goats	3.44	Active	Active	Active

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Sector	Address	Type	Sub-Type	Approx. Miles	2022 Status	2021 Status	2020 Status
WNW	7478 Newport South	Undefined	Chickens	3.53	Active	Active	Active
WNW	7478 Newport South	Undefined	Goats	3.53	Active	New	
WNW	2785 Post Rd	Garden		3.56	Inactive	Active	Inactive
WNW	2785 Post Rd	Undefined	Ducks	3.56	Inactive	Inactive	Inactive
WNW	2785 Post Rd	Undefined	Chickens	3.56	Inactive	Inactive	Inactive
WNW	2927 Post Rd	Garden		3.59	New		
WNW	3587 Post Rd	Undefined	Chickens	2.80	New		
WNW	4167 Post Rd	Milk/Meat	Goats	2.38	Inactive	Inactive	Active
WNW	4167 Post Rd	Undefined	Chickens	2.38	Active	Inactive	Active
WNW	7855 War Rd	Undefined	Chickens/ Ducks	4.86	Active	Active	Active
WNW	7265 War Rd	Garden		4.84	Inactive	Inactive	Inactive
W	6170 Leroux	Undefined	Chickens	1.25	Active	Active	Active
W	6170 Leroux	Undefined	Ducks	1.25	Active	Active	Active
W	6170 Leroux	Undefined	Goats	1.25	Active	Active	Active
W	5960 Mentel	Garden		4.14	Active	Active	Active
W	2500 Mentel Rd	Garden		4.49	Active	Inactive	New
W	5965 Mentel Rd	Garden		4.17	New		
W	6097 N Stoney Creek	Garden		4.09	Active	New	
W	5478 N Stoney Creek	Undefined	Ducks	3.09	Active	New	
W	2417 Nadeau Rd	Undefined	Chickens	3.27	Active	Active	Active
W	2823 Nadeau Rd	Garden		3.42	Inactive	Inactive	New
W	5810 Stoney Creek	Undefined	Chickens	3.44	Inactive	Inactive	Inactive
W	6028 Stoney Creek	Garden		3.82	Active	Active	Active
W	5684 Toll Rd	Garden		1.59	Inactive	Inactive	Inactive
W	5701 Toll Rd	Milk	Goats	1.56	Active	Active	Active
W	5701 Toll Rd	Undefined	Chickens	1.56	Active	Active	Active
W	6001 Toll Rd	Residence		1.18	Active	Active	Active
W	6334 Williams	Garden		2.7	Active	Active	Inactive
SW	3073 First St	Garden		4.39	Active	Active	Active
SW	3279 Lawndale	Garden		3.30	New		
SW	3301 Monrona	Garden		3.88	New		
SW	5194 Pte Aux Peaux	Residence		1.25	Active	Active	Active
SW	2861 Second	Garden		4.61	Inactive	Inactive	New
SW	2864 Second St	Garden		4.61	Inactive	Active	New
SW	4895 Sycamore	Garden		1.52	Active	New	
SSW	4340 Fifth	Garden		1.5	Active	Active	Active
SSW	5813 Parkview St	Garden		1.54	Inactive	Active	Active
SSW	5820 Pte Aux Peaux	Residence		1.11	Active	Active	Inactive
SSE	4834 Long	Residence		1.04	Active	Active	Active
S	4573 Dixon Dr	Garden		1.27	Active	Active	New
S	4405 Ives	Garden		1.39	Active	Active	Active
S	3880 Lakeshore	Undefined	Ducks	1.77	Inactive	Inactive	Inactive

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Sector	Address	Type	Sub-Type	Approx. Miles	2022 Status	2021 Status	2020 Status
S	6339 Sterling	Garden		1.23	Inactive	Active	Inactive
NW	9443 Brandon Rd	Undefined	Chickens/ Ducks	4.11	Active	New	
NW	3535 Evergreen	Garden		3.82	Active	Active	Active
NW	3608 Evergreen	Garden		3.9	Active	Active	Active
NW	3771 Labo Rd	Undefined	Chickens	4.79	Active	Active	New
NW	3600 Law St	Garden		3.93	Active	New	
NW	6511 Leroux	Residence		1.06	Active	Active	Active
NW	8911 N Dixie Hwy	Garden		3.03	Active	Active	New
NW	3922 Newport Rd	Undefined	Chickens	3.84	Inactive	Inactive	New
NW	4800 South St	Garden		2.2	Active	Active	Active
NW	10025 Swan Creek	Undefined	Chickens	4.94	Active	Active	Active
NW	7795 Swan Creek	Garden		2.38	Active	Active	Active
NW	7829 Swan Creek	Garden		2.44	Active	New	
NNW	4783 Anteau	Undefined	Chickens/ Ducks	2.98	Inactive	Active	Active
NNW	4856 Anteau	Undefined	Chickens/ Ducks	2.93	Inactive	Active	Active
NNW	4865 Anteau	Undefined/ Meat	Chickens/ Cattle	2.91	Active	Active	Active
NNW	4776 Anteau Rd	Undefined	Chickens	2.99	Inactive	New	
NNW	10709 Armstrong	Undefined	Chickens	4.92	Active	New	
NNW	8976 Armstrong	Undefined	Chickens	3.31	Active	Active	New
NNW	10207 Brandon Rd	Undefined	Chickens	4.61	Active	New	
NNW	10153 Brandon Rd	Undefined	Chickens	4.58	Active	New	
NNW	4880 Labo	Milk	Cattle	4.31	Active	Active	Active
NNW	5144 Labo	Undefined	Ducks	4.32	Inactive	Inactive	Inactive
NNW	7024 Miller	Garden		1.35	Active	Active	Active
NNW	8210 N Dixie Hwy	Garden		2.54	Active	Active	Active
NNW	8400 N Dixie Hwy	Garden		2.56	Active	Active	Active
NNW	8400 N Dixie Hwy	Chickens		2.56	Active	New	
NNW	3981 Newport	Undefined	Chickens	3.82	Inactive	Active	Active
NNW	5701 Post Rd	Residence		1.03	Active	Active	Active
NNW	5645 Swanview Rd	Undefined	Chickens	1.51	Inactive	Active	New
NNE	6460 Brancheau	Residence		1.08	Active	Active	Active
NNE	7093 Lakeview Blvd	Garden		1.85	Active	Active	Active
NNE	7208 Lakeview Blvd	Garden		1.91	Active	Inactive	Active
NNE	7415 Lakeview Blvd	Undefined	Chickens	1.94	Active	Active	New
NE	6760 Lakeshore	Residence		1.11	Active	Active	Active
NE	7340 Lakeview Ave.	Garden		1.94	Active	Active	Active
N	6288 Brancheau	Residence		1.11	Active	Active	Active
N	8180 Chinavare	Undefined	Chickens/ goats	2.35	Inactive	Active	Active

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Sector	Address	Type	Sub-Type	Approx. Miles	2022 Status	2021 Status	2020 Status
N	8577 Chinavere	Garden		2.72	Active	Active	Active
N	9293 Chinavere	Garden		3.44	Active	Active	Active
N	9399 Chinavere	Garden		3.49	Active	Active	Active
N	9715 Chinavere	Undefined	Chickens	3.81	Active	Active	New
N	10119 Haggerman	Garden/Meat	Cattle	4.38	Active	Active	Active
N	10119 Haggerman	Undefined	Sheep	4.38	Active	New	
N	10404 Haggerman	Garden		4.61	Active	Active	Active
N	10462 Haggerman	Garden		4.68	Active	Inactive	Active
N	10095 Haggerman	Meat	Cattle/ garden	4.30	Active	Active	Active
N	5907 Labo	Garden		4.14	Inactive	Inactive	Active
N	6640 Labo	Undefined	Chickens	4.18	Inactive	New	
N	6725 Labo	Garden		4.41	Active	Active	Active
N	5889 Lily Patch	Undefined	Chickens	1.43	Inactive	Inactive	Inactive
N	5889 Lily Patch	Garden		1.43	Active	New	
N	6009 Lily Patch	Undefined	Chickens	1.28	New		
N	6024 Lily Patch	Undefined	Chickens	1.23	Inactive	Inactive	Inactive
N	6075 Lily Patch	Undefined	Chickens	1.17	Inactive	Inactive	Inactive
N	6075 Masserant	Garden		2.13	Inactive	Inactive	Active
N	6596 Masserant	Undefined	Chickens	2.16	Active	New	
N	10229 N Dixie Hwy	Meat	Cattle	4.34	Inactive	Inactive	New
N	10674 N Dixie Hwy	Undefined	Chickens	4.79	Active	Active	Active
N	10674 N Dixie Hwy	Undefined	Ducks	4.79	Active	New	
N	8463 N Dixie Hwy	Undefined	Chickens	2.59	Active	Inactive	Active
N	8106 Strong Rd	Garden		2.24	Inactive	Active	Active
N	6069 Trombley	Undefined	Goats/ chickens	1.67	Active	Active	Active
N	6344 Trombley	Garden		1.84	Active	Active	Active
N	10370 Turner Lane	Garden		4.52	Active	Active	Active
N	8570 U S Turnpike	Garden		2.74	Active	Active	Active
N	8593 U S Turnpike	Garden		2.70	Active	Active	Active
N	8889 U S Turnpike	Meat	Cattle	3.03	Active	Active	Active

Errata from 2021 Report

In the 2021 AREOR there were 21 locations that were inadvertently removed from Table 2. The locations were still evaluated as part of the Land Use Census, they just were not on the table. These locations have been added in Table 2.

END OF ANNUAL ENVIRONMENTAL OPERATING REPORT BODY

Appendix A

Sampling Locations

Table A-1: Direct Radiation Sample Locations

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
T1	NE/38°	1.3 mi.	Estral Beach, Pole on Lakeshore 23 Poles S of Lakeview. (Special Area)	Q	I
T2	NNE/22°	1.2 mi.	Pole at termination of Brancheau St. (Special Area)	Q	I
T3	N/9°	1.1 mi.	Pole, NW corner of Swan Boat Club fence. (Special Area)	Q	I
T4	NNW/337°	0.6 mi.	Site boundary and Toll Rd. on Site fence by API #2.	Q	I
T5	NW/313°	0.6 mi.	Site boundary and Toll Rd. on Site fence by API #3.	Q	I
T6	WNW/294°	0.6 mi.	Site boundary fence at south end of N. Bullit Rd.	Q	I
T7	W/270°	14.0 mi.	Pole, at Michigan Gas substation on N. Custer Rd., 0.66 miles west of Doty Rd.	Q	C
T8	NW/305°	1.9 mi.	Pole on Post Rd. near NE corner of Dixie Hwy. and Post Rd.	Q	I
T9	NNW/334°	1.5 mi.	Pole, NW corner of Trombley and Swan View Rd.	Q	I
T10	N/6°	2.1 mi.	Pole, S side of Massarant - 2 poles W of Chinavare.	Q	I
T11	NNE/23°	6.2 mi.	Pole, NE corner of Milliman and Jefferson.	Q	I

I = Indicator

C = Control

O = On-site

Q = Quarterly

Table A-1: Direct Radiation Sample Locations (continued)

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
T12	NNE/29°	6.3 mi.	Pointe Mouille Game Area Field Office, Pole near tree, N area of parking lot.	Q	I
T13	N/356°	4.1 mi.	Labo and Dixie Hwy. Pole on SW corner with light.	Q	I
T14	NNW/337°	4.4 mi.	Labo and Brandon, Pole on SE corner near RR.	Q	I
T15	NW/315°	3.9 mi.	Pole, behind building at the corner of Swan Creek and Mill St.	Q	I
T16	WNW/283°	4.9 mi.	Pole, SE corner of War and Post Rd. (2 nd pole past War Rd.)	Q	I
T17	W/271°	4.9 mi.	Pole, NE corner of Nadeau and LaPrad near mobile home park.	Q	I
T18	WSW/247°	4.8 mi.	Pole, NE corner of Mentel and Hurd Rd.	Q	I
T19	SW/236°	5.2 mi.	Fermi siren pole on Waterworks Rd. NE corner of intersection - Sterling State Park Rd. Entrance Drive/Waterworks	Q	I
T20	WSW/257°	2.7 mi.	Pole, S side of Williams Rd, 9 poles W of Dixie Hwy. (Special Area)	Q	I
T21	WSW/239°	2.7 mi.	Pole, N side of Pearl at Parkview (last pole at end of road N side) Woodland Beach (Special Area)	Q	I
T22	S/172°	1.2 mi.	Pole, N side of Pointe Aux Peaux 2 poles W of Long - Site Boundary.	Q	I

I = Indicator

C = Control

O = On-site

Q = Quarterly

Table A-1: Direct Radiation Sample Locations (continued)

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
T23	SSW/195°	1.1 mi.	Pole, S side of Pointe Aux Peaux 1 pole E of St. Clair next to Vent Pipe - Site Boundary.	Q	I
T24	SW/225°	1.2 mi.	Fermi Gate along Pointe Aux Peaux Rd. on fence wire W of gate - Site Boundary.	Q	I
T25	WSW/252°	1.5 mi.	Pole, Toll Rd. - 11 poles S of Fermi Drive.	Q	I
T26	WSW/259°	1.1 mi.	Pole, Toll Rd. - 5 poles S of Fermi Drive.	Q	I
T27	SW/225°	6.8 mi.	Pole, NE corner of McMillan and East Front St. (Special Area)	Q	I
T28	SW/229°	10.7 mi.	Pole, Mortar Creek—1 st pole south of Hull Rd. E side	Q	C
T29	WSW/237°	10.3 mi.	Pole, NE corner of S Dixie and Albain.	Q	C
T30	WSW/247°	7.8 mi.	Elm St. pole on north side near parking lot next to St. Mary's church (Special Area)	Q	I
T31	WSW/255°	9.6 mi.	1st pole W of entrance drive Milton "Pat" Munson Recreational Reserve on North Custer Rd.	Q	C
T32	WNW/295°	10.3 mi.	Pole, corner of Stony Creek and Finzel Rd.	Q	C
T33	NW/317°	9.2 mi.	Pole, W side of Grafton Rd. 1 pole N of Ash and Grafton intersection.	Q	C

I = Indicator

C = Control

O = On-site

Q = Quarterly

Table A-1: Direct Radiation Sample Locations (continued)

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
T34	NNW/338°	9.8 mi.	Pole, SW corner of Port Creek and Will-Carleton Rd. (1 st pole on Port Creek)	Q	C
T35	N/359°	6.9 mi.	Pole, S Side of S Huron River Dr. across from Race St. (Special Area)	Q	I
T36	N/358°	9.1 mi.	Pole, NE corner of Gibraltar and Cahill Rd.	Q	C
T37	NNE/21°	9.8 mi.	Pole, on Gibraltar Rd. next to Humbug Marina.	Q	C
T38	WNW/294°	1.7 mi.	Residence - 6594 N. Dixie Hwy.	Q	I
T39	S/176°	0.3 mi.	SE corner of Protected Area Fence (PAF).	Q	O
T40	S/170°	0.3 mi.	Midway along OBA - PAF.	Q	O
T41	SSE/161°	0.2 mi.	Midway between OBA and Shield Wall—PAF (north end of OBA)	Q	O
T42	SSE/149°	0.2 mi.	Midway along Shield Wall on PAF.	Q	O
T43	SE/131°	0.1 mi.	Midway between Shield Wall and Aux Boilers on PAF.	Q	O
T44	ESE/109°	0.1 mi.	Opposite OSSF door on PAF.	Q	O
T45	E/86°	0.1 mi.	NE Corner of PAF.	Q	O
T46	ENE/67°	0.2 mi.	NE side of barge slip on fence.	Q	O

I = Indicator

C = Control

O = On-site

Q = Quarterly

Table A-1: Direct Radiation Sample Locations (continued)

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
T47	S/185°	0.1 mi.	South of Turbine Bldg. rollup door on PAF (fence adjacent to SE corner AIB)	Q	O
T48	SW/235°	0.2 mi.	30 ft. from corner of AAP on PAF.	Q	O
T49	WSW/251°	1.1 mi.	Corner of Site Boundary fence north of NOC along Critical Path Rd. (at turn)	Q	I
T50	W/270°	0.9 mi.	Site Boundary fence near main gate by the south Bullet Street sign.	Q	I
T51	N/3°	0.4 mi.	Site Boundary fence north of north Cooling Tower.	Q	O
T52	NNE/20°	0.4 mi.	Site Boundary fence at the corner of Arson and Tower.	Q	O
T53	NE/55°	0.2 mi.	Site Boundary fence east of South Cooling Tower.	Q	O
T54	S/189°	0.3 mi.	Pole across from Fermi 2 Visitors Center.	Q	O
T55	WSW/251°	3.3 mi.	Pole, north side of Nadeau Rd. across from Sodt Elementary School Marquee (entrance to fire station)	Q	I
T56	WSW/255°	4.9 mi.	Pole, entrance to Jefferson Middle School on Stony Creek Rd. (NE side of road)	Q	I
T57	W/260°	2.7 mi.	Pole, north side of Williams Rd. across from Jefferson High School entrance (by long residential driveway)	Q	I

I = Indicator

C = Control

O = On-site

Q = Quarterly

Table A-1: Direct Radiation Sample Locations (continued)

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
T58	WSW/249°	4.9 mi.	Pole, on Hurd Rd., halfway between Mentel Rd. and Yax Rd.	Q	I
T59	NW/325°	2.6 mi.	Pole north of St. Charles Church entrance on Dixie Hwy.	Q	I
T60	NNW/341°	2.5 mi.	1 st pole north of North Elementary School entrance on Dixie Hwy.	Q	I
T61	W/268°	10.1 mi.	Pole, SW corner of Stewart and Raisinville Rd.	Q	C
T62	SW/232°	9.7 mi.	Pole, SE corner of Albain and Hull Rd.	Q	C
T63	WSW/245°	9.6 mi.	Pole, NE corner of Dunbar and Telegraph Rd.	Q	C
T64	WNW/286°	0.2 mi.	West of switchgear yard midway along PAF.	Q	O
T65	NW/322°	0.1 mi.	PAF North East corner of ISFSI pad	Q	O
T66	NE/50°	0.1 mi.	Behind Bldg. 42 on PAF.	Q	O
T67	NNW/338°	0.2 mi.	Site Boundary fence West of South Cooling Tower.	Q	O
T68	WNW/303°	0.6 mi	Langton Rd. seven poles East of Leroux Rd.	Q	I
T69	NW/306°	0.8 mi	Langton Rd. four poles East of Leroux Rd.	Q	I
T70	NNW/333°	1.1 mi	Leroux Rd. and Post Rd. pole at W corner of turn.	Q	I
T71	WNW/300°	1.1 mi	Leroux Rd. six poles North of Fermi Dr.	Q	I

I = Indicator

C = Control

O = On-site

Q = Quarterly

Table A-1: Direct Radiation Sample Locations (continued)

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
ISFSI-1	WNW/302.3°	0.175 mi.	Center of west ISFSI fence.	Q	O
ISFSI-2	NW/310.2°	0.186 mi.	NW corner ISFSI fence.	Q	O
ISFSI-3	NW/313.2°	0.166 mi.	Center of north ISFSI fence.	Q	O
ISFSI-4	NW/315.6°	0.149 mi.	NE corner ISFSI fence.	Q	O
ISFSI-5	NW/305.4°	0.140 mi	Center of east ISFSI fence.	Q	O
ISFSI-6	WNW/294.1°	0.136 mi	SE corner ISFSI fence.	Q	O
ISFSI-7	WNW/293.0°	0.157 mi	Center of south ISFSI fence.	Q	O
ISFSI-8	WNW/293°	0.177 mi	SW corner ISFSI fence.	Q	O

I = Indicator

C = Control

O = On-site

Q = Quarterly

Table A-2: *Air Particulate and Air Iodine Sample Locations:*

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
API-1	NE/39°	1.4 mi.	Estral Beach Pole on Lakeshore, 18 Poles S of Lakeview (Nearest Community with highest X/Q).	W	I
API-2	NNW/337°	0.6 mi.	Site Boundary and Toll Road, on Site Fence by T-4.	W	I
API-3	NW/313°	0.6 mi.	Site Boundary and Toll Road, on Site Fence by T-5.	W	I
API-4	W/270°	14.0 mi.	Pole, at Michigan Gas substation on N. Custer Rd., 0.66 miles west of Doty Rd.	W	C
API-5	S/188°	1.2 mi.	Pole, N corner of Pointe Aux Peaux and Dewey Rd.	W	I
API-6	WNW/295°	0.6 mi.	Pole, Site Boundary and Toll Rd., by T-6	W	I

I = Indicator

C = Control

W = Weekly

Table A-3: *Milk Sample Locations*

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
M-8	WNW/289°	9.9 mi.	Calder Dairy - 9334 Finzel Rd.	M-SM	C

*

I = Indicator

C = Control

M = Monthly

SM = Semimonthly

Note: An indicator milk location was discontinued in 2016 due to shutdown of the milking operation. A replacement indicator location has not yet been found.

A-4: Vegetation Sample Locations

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
FP-9	W/261°	10.9 mi.	4074 North Custer Road (across the street)	M	C
FP-HD1	NE/39°	1.4 mi.	Near highest D/Q offsite location in Sector C (near API-2)	M	I
FP-HD2	NW/315°	0.6 mi.	Near highest D/Q offsite location in Sector Q (near API-3)	M	I
FP-HD3	WNW/292°	0.6 mi.	Near highest D/Q offsite location in Sector P (near API-6)	M	I

I = Indicator

C = Control

M = Monthly (when available)

Table A-5: Drinking-Water Sample Locations

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
DW-1	S/174°	1.1 mi.	Monroe Water Station N Side of Pointe Aux Peaux 1/2 Block W of Long Rd.	M	I
DW-2	N/8°	18.5 mi.	Great Lakes Water Authority, 14700 Moran Rd, Allen Park.	M	C

I = Indicator

C = Control

M = Monthly

Table A-6: Surface-Water Sample Locations

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
SW-2	NNE/20°	11.7 mi.	DTE Energy Trenton Channel Power Plant Intake Structure (Screenhouse #1).	M	C
SW-3	SSE/160°	0.2 mi.	DTE Energy Fermi 2 General Service Water Intake Structure.	M	I
SW-4	N/8°	18.5 mi.	Great Lakes Water Authority, 14700 Moran Rd, Allen Park.	M	C

I = Indicator

C = Control

M = Monthly

Table A-7: Ground-Water Sample Locations

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
GW-1	S/175°	0.4 mi.	Approx. 100 ft W of Lake Erie, EF-1 Parking lot near gas fired peakers.	Q	I
GW-2	SSW/208°	1.0 mi.	4 ft S of Pointe Aux Peaux (PAP) Rd. Fence 427 ft W of where PAP crosses over Stoney Point's Western Dike.	Q	I
GW-3	SW/226°	1.0 mi.	143 ft W of PAP Rd. Gate, 62 ft N of PAP Rd. Fence.	Q	I
GW-4	WNW/299°	0.6 mi.	42 ft S of Langton Rd, 8 ft E of Toll Rd. Fence.	Q	C

I = Indicator

C = Control

Q = Quarterly

Table A-8: Sediment Sample Locations

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
S-1	SSE/165°	0.9 mi.	Pointe Aux Peaux, Shoreline to 500 ft offshore sighting directly to Land Base Water Tower.	SA	I
S-2	E/81°	0.2 mi.	Fermi 2 Discharge, approx. 200 ft offshore.	SA	I
S-3	NE/39°	1.1 mi.	Estral Beach, approx. 200 ft offshore, off North shoreline where Swan Creek and Lake Erie meet.	SA	I
S-4	WSW/241°	3.0 mi.	Indian Trails Community Beach.	SA	I
S-5	NNE/20°	11.7 mi.	DTE Trenton Channel Power Plant intake area.	SA	C

I = Indicator

C = Control

SA = Semiannually

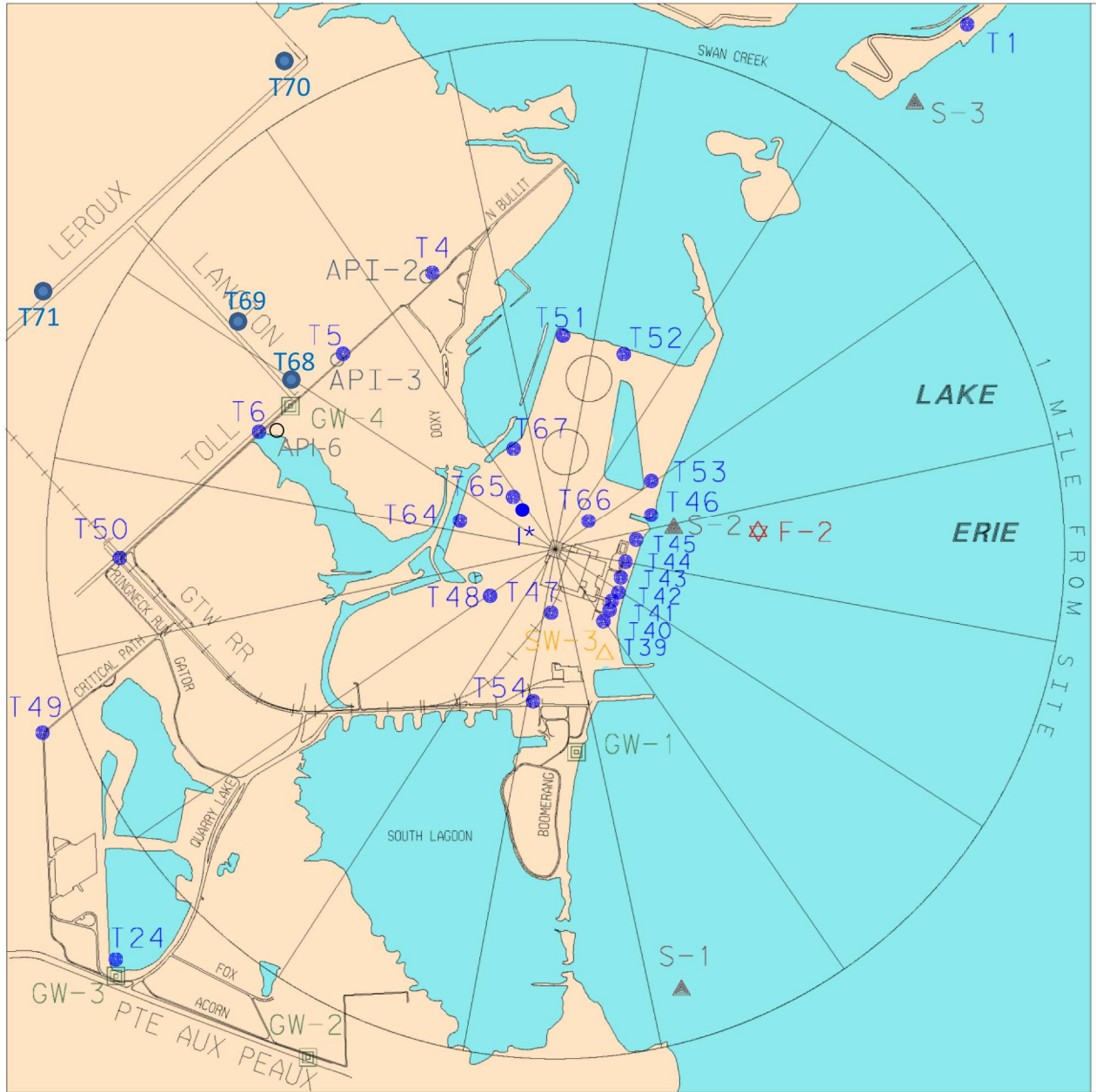
Table A-9: Fish Sample Locations

Station Number	Meteorological Sector/Azimuth (Degrees)	Distance from Reactor (Approx.)	Description	Collection Frequency	Type
F-1	NNE/31°	9.5 mi.	Near Celeron Island.	SA	C
F-2	E/86°	0.4 mi.	Fermi 2 Discharge (approx. 1200 ft offshore).	SA	I
F-3	SW/227°	3.5 mi.	Brest Bay.	SA	C

I = Indicator

C = Control

SA = Semiannually

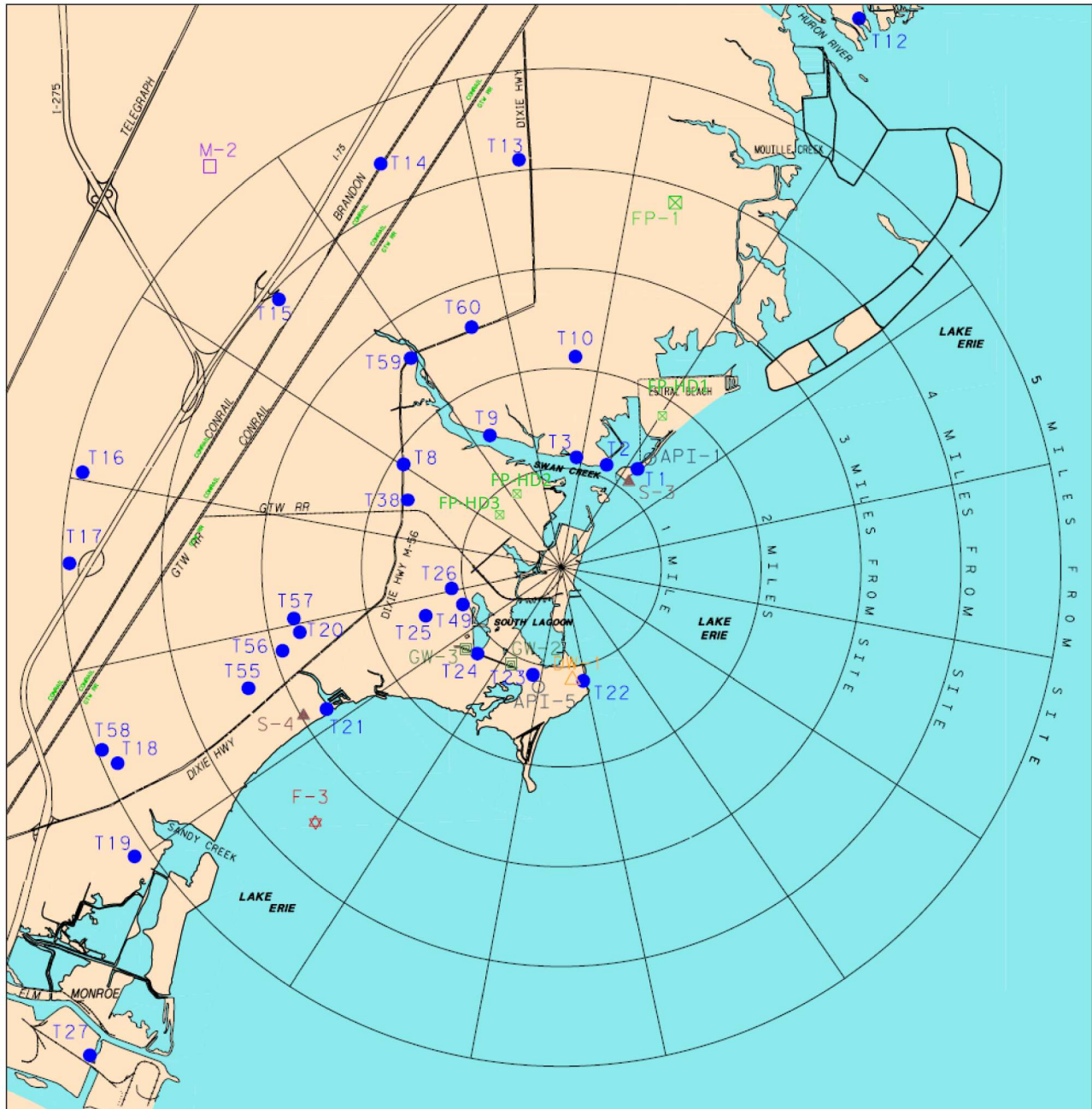


MAP - 1
 SAMPLING LOCATIONS
 BY STATION NUMBER
 WITHIN 1 MILE

LEGEND

- T- DIRECT RADIATION / I* - ISFSI #'s 1-8
- API- AIR PARTICULATES/AIR IODINE
- ▲ S- SEDIMENTS
- △ DW/SW- DRINKING WATER/SURFACE WATER
- GW- GROUND WATER
- M- MILK
- ⊗ FP- FOOD PRODUCTS
- ☆ F- FISH

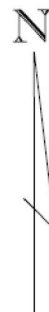


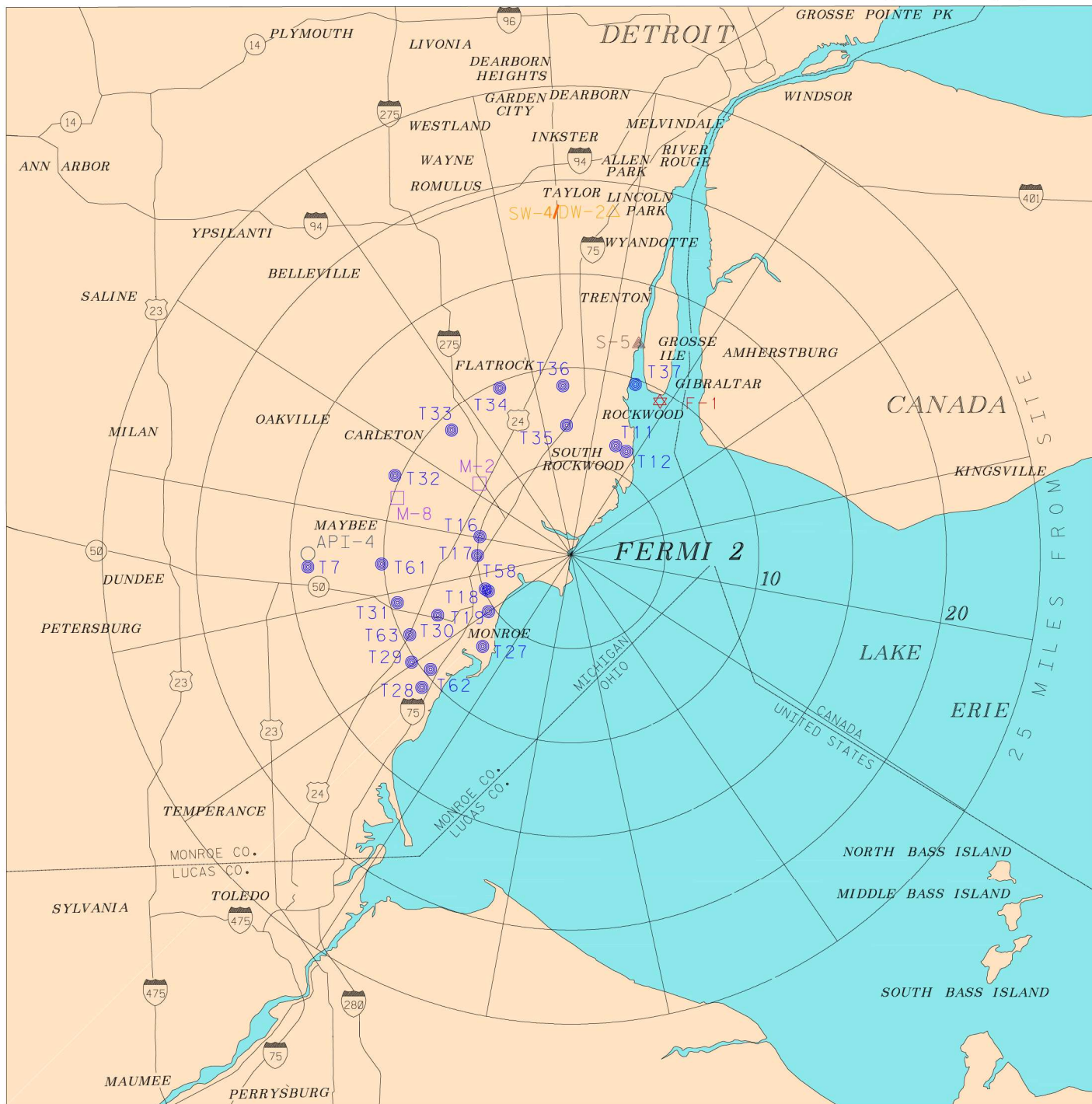


MAP - 2
 SAMPLING LOCATIONS
 BY STATION NUMBER
 (1 TO 5 MILES)

LEGEND

- T- DIRECT RADIATION
- API- AIR PARTICULATES/AIR IODINE
- ▲ S- SEDIMENTS
- ▲ DW/SW- DRINKING WATER/SURFACE WATER
- GW- GROUND WATER
- M- MILK
- FP- FOOD PRODUCTS
- ★ F- FISH





MAP - 3
 SAMPLING LOCATIONS
 BY STATION NUMBER
 (GREATER THAN 5 MILES)

- LEGEND
- T- DIRECT RADIATION
 - API- AIR PARTICULATES OR AIR IODINE
 - ▲ S- SEDIMENTS
 - ▲ DW/SW- DRINKING WATER/SURFACE WATER
 - GW- GROUND WATER
 - M- MILK
 - FP- FOOD PRODUCTS
 - ★ F- FISH



Appendix B

Environmental Data Summary

Table B-1 Radiological Environmental Monitoring Program Summary

Name of Facility: Enrico Fermi Unit 2

Docket No.: 50-341

Reporting Period: January – December 2022

Location of Facility: 30 miles southeast of Detroit, Michigan (Frenchtown Township)

Sample Type (Units)	Type and Number of Analysis	LLD (b)	Indicator Locations Mean and Range (d)	Location with Highest Annual Mean		Control Locations Mean and Range (d)	Number of Non-routine Results (f)
				Location (e)	Mean and Range (d)		
Direct Radiation <i>mR/std qtr</i> (a)	Gamma (TLD) 212	1.0	13.8 (164/164) 10.2 to 18.9	T-68 (Indicator)	16.6 (4/4) 13.9 to 18.1	13.3 (48/48) 11.0 to 16.2	None
Airborne Particulates <i>ρCi/cu. m.</i>	Gross Beta 312	1.00E-2	3.71E-2 (260/260) 1.62E-2 to 1.65E-1	API-2 (Indicator)	4.22E-2 (52/52) 1.62E-2 to 1.65E-1	3.97E-2 (52/52) 2.11E-2 to 1.90E-1	None
	Gamma Spec. 24 Be-7	N/A	5.98E-2 (20/20) 3.71E-2 to 9.71E-2	API-2 (Indicator)	6.58E-2 (4/4) 4.71E-2 to 9.71E-2	6.31E-2 (4/4) 5.38E-2 to 8.17E-2	None
	K-40	N/A	1.03E-2 (7/20) 1.03E-2 to 1.35E-2	API-4 (Control)	1.65E-2 (2/4) 1.26E-2 to 2.04E-2	1.65E-2 (2/4) 1.26E-2 to 2.04E-2	None
	Mn-54	N/A	≤MDC			<MDC	None
	Co-58	N/A	≤MDC			<MDC	None
	Fe-59	N/A	≤MDC			<MDC	None
	Zn-65	N/A	≤MDC			<MDC	None
	Zr-95	N/A	≤MDC			<MDC	None
	Nb-95	N/A	≤MDC			<MDC	None
	Ru-103	N/A	≤MDC			<MDC	None
	Ru-106	N/A	≤MDC			<MDC	None
	Cs-134	5.00E-2	≤MDC			<MDC	None
	Cs-137	6.00E-2	≤MDC			<MDC	None
	Ba-140	N/A	≤MDC			<MDC	None
	La-140	N/A	≤MDC			<MDC	None
	Ce-141	N/A	≤MDC			<MDC	None
	Ce-144	N/A	≤MDC			<MDC	None
Airborne Iodine <i>ρCi/cu. m.</i>	I-131 312	7.00E-2	≤MDC			<MDC	None

Table B-1 Radiological Environmental Monitoring Program Summary (cont.)

Name of Facility: Enrico Fermi Unit 2

Docket No.: 50-341

Reporting Period: January – December 2022

Sample Type (Units)	Type and Number of Analysis	LLD (b)	Indicator Locations Mean and Range (d)	Location with Highest Annual Mean		Control Locations Mean and Range (d)	Number of Non-routine Results (f)	
				Location (e)	Mean and Range (d)			
Milk <i>ρCi/l</i>	I-131 36	1.00E+0	No indicator location in 2022	M-8 (Control)	1.45E+3 (36/36) 1.29E+3 to 1.55E+3	≤MDC	None	
	Sr-89 34	N/A				≤MDC	None	
	Sr-90 36	N/A				≤MDC	None	
	Gamma Spec. 36							
	Be-7	N/A				≤MDC	None	
	K-40	N/A				1.45E+3 (36/36) 1.29E+3 to 1.55E+3	1.45E+3 (36/36) 1.29E+3 to 1.55E+3	None
	Mn-54	N/A				≤MDC	None	
	Co-58	N/A				≤MDC	None	
	Fe-59	N/A				≤MDC	None	
	Co-60	N/A				≤MDC	None	
	Zn-65	N/A				≤MDC	None	
	Zr-95	N/A				≤MDC	None	
	Nb-95	N/A				≤MDC	None	
	Ru-103	N/A				≤MDC	None	
	Ru-106	N/A				≤MDC	None	
	Cs-134	1.50E+1				≤MDC	None	
	Cs-137	1.80E+1				≤MDC	None	
	Ba-140	1.50E+1				≤MDC	None	
	La-140	1.50E+1				≤MDC	None	
Ce-141	N/A	≤MDC	None					
Ce-144	N/A	≤MDC	None					
Vegetation <i>ρCi/kg wet</i>	I-131 14	6.00E+1	≤MDC	FP-HD3 (Indicator)	3.02E+3 (4/4) 1.22E+3 to 5.47E+3	≤MDC	None	
	Gamma Spec. 14							
	Be-7	N/A	2.73E+3 (10/10) 8.52E+2 to 5.47E+3			2.45E+3 (4/4)	2.45E+3 (4/4)	None
	K-40	N/A	4.36E+3 (10/10) 2.36E+3 to 7.34E+3			FP-9 (Control)	6.16E+3 (4/4) 5.36E+3 to 7.63E+3	5.32E+2 to 3.60E+3 6.16E+3 (4/4) 5.36E+3 to 7.63E+3
Th-228	N/A	≤MDC		≤MDC	None			

Table B-1 Radiological Environmental Monitoring Program Summary (cont.)

Name of Facility: Enrico Fermi Unit 2

Docket No.: 50-341

Reporting Period: January – December 2022

Sample Type (Units)	Type and Number of Analysis	LLD (b)	Indicator Locations Mean and Range (d)	Location with Highest Annual Mean		Control Locations Mean and Range (d)	Number of Non-routine Results (f)
				Location (e)	Mean and Range(d)		
Vegetation (cont.) <i>pCi/kg wet</i>	Mn-54	N/A	≤MDC			≤MDC	None
	Co-58	N/A	≤MDC			≤MDC	None
	Fe-59	N/A	≤MDC			≤MDC	None
	Co-60	N/A	≤MDC			≤MDC	None
	Zn-65	N/A	≤MDC			≤MDC	None
	Zr-95	N/A	≤MDC			≤MDC	None
	Nb-95	N/A	≤MDC			≤MDC	None
	Ru-103	N/A	≤MDC			≤MDC	None
	Ru-106	N/A	≤MDC			≤MDC	None
	Cs-134	6.00E+1	≤MDC			≤MDC	None
	Cs-137	8.00E+1	≤MDC			≤MDC	None
	Ba-140	N/A	≤MDC			≤MDC	None
	La-140	N/A	≤MDC			≤MDC	None
	Ce-141	N/A	≤MDC			≤MDC	None
	Ce-144	N/A	≤MDC			≤MDC	None
	Ac-228	N/A	≤MDC			≤MDC	None
	Th-228	N/A	≤MDC			≤MDC	None
Drinking Water <i>pCi/l</i>	Gross Beta 32	4.00E+0	≤MDC			≤MDC	None
	Sr-89 36	1.00E+1	≤MDC			≤MDC	None
	Sr-90 36	2.00E+0	≤MDC			≤MDC	None
	Gamma Spec. 36						
	Be-7	N/A	≤MDC			≤MDC	None
	K-40	N/A	3.36E+1 (1/24)	DW-1 (Indicator)	3.36E+1 (1/24)	≤MDC	None
	Cr-51	N/A	≤MDC			≤MDC	None
	Mn-54	1.50E+1	≤MDC			≤MDC	None
	Co-58	1.50E+1	≤MDC			≤MDC	None
	Fe-59	3.00E+1	≤MDC			≤MDC	None
	Co-60	1.50E+1	≤MDC			≤MDC	None
	Zn-65	3.00E+1	≤MDC			≤MDC	None

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Appendix B – Environmental Data Summary

Table B-1 Radiological Environmental Monitoring Program Summary (cont.)

Name of Facility: Enrico Fermi Unit 2

Docket No.: 50-341

Reporting Period: January – December 2022

Sample Type (Units)	Type and Number of Analysis	LLD (b)	Indicator Locations Mean and Range (d)	Location with Highest Annual Mean		Control Locations Mean and Range (d)	Number of Non-routine Results (f)
				Location (e)	Mean and Range (d)		
Drinking Water <i>ρCi/l</i>	Zr-95	1.50E+1	≤MDC	DW-1 (Indicator)	7.09 (1/24)	≤MDC	None
	Nb-95	1.50E+1	≤MDC			≤MDC	None
	Ru-103	N/A	≤MDC			≤MDC	None
	Ru-106	N/A	≤MDC			≤MDC	None
	I-131	1.00E+0	≤MDC			≤MDC	None
	Cs-134	1.50E+1	≤MDC			≤MDC	None
	Cs-137	1.80E+1	≤MDC			≤MDC	None
	Ba-140	1.50E+1	≤MDC			≤MDC	None
	La-140	1.50E+1	≤MDC			≤MDC	None
	Ce-141	N/A	≤MDC			≤MDC	None
	Ce-144	N/A	≤MDC			≤MDC	None
	Ac-228	N/A	7.09 (1/24)			≤MDC	None
	Th-228	N/A	≤MDC			≤MDC	None
	H-3 12	2.00E+3	≤MDC			≤MDC	None
Surface Water <i>ρCi/l</i>	Sr-89 36	N/A	≤MDC	SW-3 (Indicator)	6.48E+1 (2/24) 5.03E+1 to 7.92E+1	≤MDC	None
	Sr-90	N/A	≤MDC			≤MDC	None
	Gamma Spec. 36					≤MDC	None
	Be-7	N/A	≤MDC			3.14E+1 (1/12)	None
	K-40	N/A	6.48E+1 (2/24) 5.03E+1 to 7.92E+1			≤MDC	None
	Cr-51	N/A	≤MDC			≤MDC	None
	Mn-54	1.50E+1	≤MDC			≤MDC	None
	Co-58	1.50E+1	≤MDC			≤MDC	None
	Fe-59	3.00E+1	≤MDC			≤MDC	None
	Co-60	1.50E+1	≤MDC			≤MDC	None
	Zn-65	3.00E+1	≤MDC			≤MDC	None
	Zr-95	1.50E+1	≤MDC			≤MDC	None
	Nb-95	1.50E+1	≤MDC			≤MDC	None
	Ru-103	N/A	≤MDC			≤MDC	None
	Ru-106	N/A	≤MDC			≤MDC	None
	Cs-134	1.50E+1	≤MDC			≤MDC	None
	Cs-137	1.80E+1	≤MDC			≤MDC	None
	Ba-140	1.50E+1	≤MDC			≤MDC	None
	La-140	1.50E+1	≤MDC			≤MDC	None

Table B-1 Radiological Environmental Monitoring Program Summary (cont.)

Name of Facility: Enrico Fermi Unit 2

Docket No.: 50-341

Reporting Period: January – December 2022

Sample Type (Units)	Type and Number of Analysis	LLD (b)	Indicator Locations Mean and Range (d)	Location with Highest Annual Mean		Control Locations Mean and Range (d)	Number of Non-routine Results (f)
				Location (e)	Mean and Range (d)		
Surface Water (cont.) $\rho Ci/l$	Ce-144	N/A	\leq MDC			\leq MDC	None
	Th-228	N/A	\leq MDC			\leq MDC	None
	H-3 12	2.00E+3	\leq MDC			\leq MDC	None
	Ce-141	N/A	\leq MDC			\leq MDC	None
Groundwater $\rho Ci/l$	Gamma Spec. 22						
	Be-7	N/A	\leq MDC	GW-4 (Control)	3.05E+1 (1/10)	\leq MDC	None
	K-40	N/A	\leq MDC			\leq MDC	None
	Cr-51	N/A	\leq MDC			\leq MDC	None
	Mn-54	1.50E+1	\leq MDC			\leq MDC	None
	Co-58	1.50E+1	\leq MDC			\leq MDC	None
	Fe-59	3.00E+1	\leq MDC			\leq MDC	None
	Co-60	1.50E+1	\leq MDC			\leq MDC	None
	Zn-65	3.00E+1	\leq MDC			\leq MDC	None
	Zr-95	1.50E+1	\leq MDC			\leq MDC	None
	Nb-95	1.50E+1	\leq MDC			\leq MDC	None
	Ru-103	N/A	\leq MDC	\leq MDC	None		
	Ru-106	N/A	\leq MDC	\leq MDC	None		
	Cs-134	1.50E+1	\leq MDC	\leq MDC	None		
	Cs-137	1.80E+1	\leq MDC	GW-4 (Control)	3.34 (1/10)	\leq MDC	None
	Ba-140	1.50E+1	\leq MDC			\leq MDC	None
	La-140	1.50E+1	\leq MDC			\leq MDC	None
	Ce-141	N/A	\leq MDC			\leq MDC	None
	Ce-144	N/A	\leq MDC			\leq MDC	None
	*Pb-212	N/A	5.44E+0 (1/9)	GW-2 (Indicator)	5.44E+0 (1/9)	\leq MDC	None
	*Pb-214	N/A	2.70E+1 (2/9)	GW-3 (Indicator)	3.01E+1 (1/9)	2.39E+1 (3/8)	None
			2.39E+1 to 3.01E+1			1.22E+1 to 3.67E+1	
	*Bi-214	N/A	1.65E+1 (5/9)	GW-4 (Control)	2.52E+1 (2/8)	2.52E+1 (2/8)	None
			5.59E+0 to 2.72E+1			1.67E+1 to 3.37E+1	1.67E+1 to 3.37E+1
	Ac-228	N/A	\leq MDC			\leq MDC	None
	Th-228	N/A	\leq MDC			\leq MDC	None
H-3 21	2.00E+3	\leq MDC			\leq MDC	None	

*These isotopes were only analyzed in quarters 2, 3, and 4. The annual number of analysis for these isotopes is 17.

Table B-1 Radiological Environmental Monitoring Program Summary (cont.)

Name of Facility: Enrico Fermi Unit 2

Docket No.: 50-341

Reporting Period: January – December 2022

Sample Type (Units)	Type and Number of Analysis		LLD (b)	Indicator Locations Mean and Range (d)	Location with Highest Annual Mean		Control Locations Mean and Range (d)	Number of Non-routine Results (f)
					Location (e)	Mean and Range (d)		
Sediment <i>ρCi/kg dry</i>	Sr-89	10	N/A	≤MDC			≤MDC	None
	Sr-90	10	N/A	≤MDC			≤MDC	
	Gamma Spec.	10						
	Be-7		N/A	≤MDC			≤MDC	None
	K-40		N/A	1.51E+4 (8/8) 1.01E+4 to 2.28E+4	S-2 (Indicator)	2.23E+4 (2/2) 2.18E+4 to 2.28E+4	1.29E+4 (2/2) 1.23E+4 to 1.35E+4	None
	Thallium-208		N/A	1.71E+2 (7/8) 5.42E+1 to 2.96E+2	S-2 (Indicator)	2.81E+2 (2/2) 2.66E+2 to 2.96E+2	1.58E+2 (2/2) 1.44E+2 to 1.71E+2	None
	Lead-212		N/A	5.74E+2 (8/8) 1.35E+2 to 1.17E+3	S-2 (Indicator)	1.16E+3 (2/2) 1.16E+3 to 1.17E+3	5.90E+2 (2/2) 5.84E+2 to 5.96E+2	None
	Bismuth-214		N/A	5.28E+2 (8/8) 1.28E+2 to 1.21E+3	S-2 (Indicator)	1.04E+3 (2/2) 8.81E+2 to 1.21E+3	4.84E+2 (2/2) 4.26E+2 to 5.42E+2	None
	Lead-214		N/A	7.35E+2 (8/8) 1.82E+2 to 1.42E+3	S-2 (Indicator)	1.41E+3 (2/2) 1.41E+3 to 1.42E+3	6.90E+2 (2/2) 6.37E+2 to 7.44E+2	None
	Radium-226		N/A	6.06E+2 (8/8) 1.28E+2 to 1.42E+3	S-2 (Indicator)	1.15E+3 (2/2) 8.81E+2 to 1.42E+3	6.43E+2 (2/2) 5.42E+2 to 7.44E+2	None
	Actinium-228		N/A	6.36E+2 (6/8) 1.46E+2 to 9.92E+2	S-2 (Indicator)	9.69E+2 (2/2) 9.47E+2 to 9.92E+2	4.63E+2 (2/2) 3.70E+2 to 5.55E+2	None
	Thorium-228		N/A	5.74E+2 (8/8) 1.35E+2 to 1.17E+3	S-2 (Indicator)	1.16E+3 (2/2) 1.16E+3 to 1.17E+3	5.90E+2 (2/2) 5.84E+2 to 5.96E+2	None
	Thorium-230		N/A	6.06E+2 (8/8) 1.28E+2 to 1.42E+3	S-2 (Indicator)	1.15E+3 (2/2) 8.81E+2 to 1.42E+3	6.43E+2 (2/2) 5.42E+2 to 7.44E+2	None
	Mn-54		N/A	≤MDC			≤MDC	None
	Co-58		N/A	≤MDC			≤MDC	None
	Fe-59		N/A	≤MDC			≤MDC	None
	Co-60		N/A	≤MDC			≤MDC	None
	Zn-65		N/A	≤MDC			≤MDC	None
	Zr-95		N/A	≤MDC			≤MDC	None
	Nb-95		N/A	≤MDC			≤MDC	None
Ru-103		N/A	≤MDC			≤MDC	None	
Ru-106		N/A	≤MDC			≤MDC	None	
Cs-134		1.50E+2	≤MDC			≤MDC	None	
Cs-137		1.80E+2	8.64E+1 (1/8)	S-1 (Indicator)	8.64E+1 (1/2)	≤MDC	None	

Table B-1 Radiological Environmental Monitoring Program Summary (cont.)

Name of Facility: Enrico Fermi Unit 2

Docket No.: 50-341

Reporting Period: January – December 2022

Sample Type (Units)	Type and Number of Analysis	LLD (b)	Indicator Locations Mean and Range (d)	Location with Highest Annual Mean		Control Locations Mean and Range (d)	Number of Non-routine Results (f)
				Location (e)	Mean and Range (d)		
Sediment (cont.) <i>ρCi/kg dry</i>	Ba-140	N/A	≤MDC			≤MDC	None
	La-140	N/A	≤MDC			≤MDC	None
	Ce-141	N/A	≤MDC			≤MDC	None
	Ce-144	N/A	≤MDC			≤MDC	None
Fish <i>ρCi/kg wet</i>	Sr-89 22	N/A	≤MDC			≤MDC	None
	Sr-90	N/A	≤MDC			≤MDC	None
	Gamma Spec. 22						
	Be-7	N/A	≤MDC			≤MDC	None
	K-40	N/A	2.97E+3 (6/6) 1.71E+3 to 3.63E+3	F-3 (Control)	3.12E+3 (8/8) 2.19E+3 to 4.15E+3	2.87E+3 (16/16) 1.92E+3 to 4.15E+3	None
	Mn-54	1.30E+2	≤MDC			≤MDC	None
	Co-58	1.30E+2	≤MDC			≤MDC	None
	Fe-59	2.60E+2	≤MDC			≤MDC	None
	Co-60	1.30E+2	≤MDC			≤MDC	None
	Zn-65	2.60E+2	≤MDC			≤MDC	None
	Zr-95	N/A	≤MDC			≤MDC	None
	Nb-95	N/A	≤MDC			≤MDC	None
	Ru-103	N/A	≤MDC			≤MDC	None
	Ru-106	N/A	≤MDC			≤MDC	None
	Cs-134	1.30E+2	≤MDC			≤MDC	None
	Cs-137	1.50E+2	≤MDC			≤MDC	None
	Ba-140	N/A	≤MDC			≤MDC	None
	La-140	N/A	≤MDC			≤MDC	None
	Ce-141	N/A	≤MDC			≤MDC	None
	Ce-144	N/A	≤MDC			≤MDC	None
Th-228	N/A	≤MDC			≤MDC	None	

- (a) Direct Radiation mean, range, and total analyses values are for off-site TLDs. Onsite TLDs are not included in this table.
- (b) LLD = Fermi 2 ODCM LLD: nominal lower limit of detection based on 4.66 sigma error for background sample.
- (c) ≤MDC = Less than or equal to the lab's minimum detectable activity which is less than the LLD.
- (d) Mean and range based upon detectable measurements only, defined as cases of the result exceeding the MDC (see Appendix C for sample analysis results). Fraction of detectable measurements at specified locations is indicated in parentheses.
- (e) Locations are specified by Fermi 2 ODCM and are described in Appendix A - Sampling Locations.
- (f) Non-routine results are those which are reportable according to Fermi 2 ODCM control 3.12.1.

Appendix C

Environmental Data Tables

Laboratory Qualifiers

- U: Target isotope was analyzed for but not detected above the MDC and LLD.
- UI: Uncertain identification for gamma spectroscopy.
The indicated nuclide is considered not to be detected with this qualifier.
- M: Reported result is less than the LLD and greater than the MDC.
Radioactivity is considered to be detected in a sample with this qualifier.
- DL: MDC > LLD
- No qualifier: Radioactivity is detected in the sample, above the MDC.

API-1

A.C. Iodine

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-1(566527007) - A.C. Iodine	4-Jan-22	Iodine-131	3.20E-03	3.32E-03	1.19E-02	7.00E-02	3.40E-03	pCi/m3	U
API-1(567492007) - A.C. Iodine	11-Jan-22	Iodine-131	1.00E-02	4.50E-03	1.76E-02	7.00E-02	5.08E-03	pCi/m3	U
API-1(567962007) - A.C. Iodine	18-Jan-22	Iodine-131	-2.62E-03	2.93E-03	8.97E-03	7.00E-02	3.00E-03	pCi/m3	U
API-1(568655007) - A.C. Iodine	25-Jan-22	Iodine-131	7.92E-03	2.73E-03	9.39E-03	7.00E-02	2.76E-03	pCi/m3	U
API-1(569337007) - A.C. Iodine	1-Feb-22	Iodine-131	1.98E-03	5.34E-03	1.65E-02	7.00E-02	5.36E-03	pCi/m3	U
API-1(570005007) - A.C. Iodine	8-Feb-22	Iodine-131	3.57E-03	5.20E-03	1.89E-02	7.00E-02	5.27E-03	pCi/m3	U
API-1(570716007) - A.C. Iodine	15-Feb-22	Iodine-131	1.55E-03	3.92E-03	1.40E-02	7.00E-02	3.94E-03	pCi/m3	U
API-1(571211007) - A.C. Iodine	21-Feb-22	Iodine-131	-3.45E-03	4.38E-03	1.40E-02	7.00E-02	4.46E-03	pCi/m3	U
API-1(571858007) - A.C. Iodine	28-Feb-22	Iodine-131	-1.03E-04	3.13E-03	1.05E-02	7.00E-02	3.13E-03	pCi/m3	U
API-1(572910007) - A.C. Iodine	8-Mar-22	Iodine-131	-4.62E-04	7.52E-03	2.40E-02	7.00E-02	7.52E-03	pCi/m3	U
API-1(573463007) - A.C. Iodine	15-Mar-22	Iodine-131	-3.48E-04	5.06E-03	1.60E-02	7.00E-02	5.06E-03	pCi/m3	U
API-1(574346007) - A.C. Iodine	22-Mar-22	Iodine-131	5.58E-03	4.63E-03	1.62E-02	7.00E-02	4.81E-03	pCi/m3	U
API-1(575360007) - A.C. Iodine	30-Mar-22	Iodine-131	-5.62E-03	7.14E-03	2.23E-02	7.00E-02	7.26E-03	pCi/m3	U
API-1(575551007) - A.C. Iodine	5-Apr-22	Iodine-131	3.42E-03	5.45E-03	1.94E-02	7.00E-02	5.51E-03	pCi/m3	U
API-1(576755007) - A.C. Iodine	12-Apr-22	Iodine-131	-2.64E-03	3.76E-03	1.05E-02	7.00E-02	3.81E-03	pCi/m3	U
API-1(577423007) - A.C. Iodine	19-Apr-22	Iodine-131	2.77E-03	8.41E-03	2.97E-02	7.00E-02	8.44E-03	pCi/m3	U
API-1(578259007) - A.C. Iodine	26-Apr-22	Iodine-131	-4.38E-03	5.17E-03	1.44E-02	7.00E-02	5.27E-03	pCi/m3	U
API-1(578875007) - A.C. Iodine	3-May-22	Iodine-131	4.80E-03	5.27E-03	1.94E-02	7.00E-02	5.39E-03	pCi/m3	U
API-1(579713007) - A.C. Iodine	10-May-22	Iodine-131	3.09E-03	5.71E-03	2.02E-02	7.00E-02	5.76E-03	pCi/m3	U
API-1(580274007) - A.C. Iodine	17-May-22	Iodine-131	8.66E-03	6.67E-03	1.53E-02	7.00E-02	6.68E-03	pCi/m3	U
API-1(580939007) - A.C. Iodine	23-May-22	Iodine-131	1.77E-03	3.60E-03	1.27E-02	7.00E-02	3.63E-03	pCi/m3	U
API-1(581485007) - A.C. Iodine	31-May-22	Iodine-131	-1.28E-03	3.06E-03	9.52E-03	7.00E-02	3.08E-03	pCi/m3	U
API-1(582286007) - A.C. Iodine	7-Jun-22	Iodine-131	-2.85E-03	4.67E-03	1.50E-02	7.00E-02	4.72E-03	pCi/m3	U
API-1(583027007) - A.C. Iodine	14-Jun-22	Iodine-131	-2.30E-03	5.06E-03	1.56E-02	7.00E-02	5.09E-03	pCi/m3	U
API-1(583788007) - A.C. Iodine	21-Jun-22	Iodine-131	2.11E-03	3.72E-03	1.35E-02	7.00E-02	3.75E-03	pCi/m3	U
API-1(584402007) - A.C. Iodine	28-Jun-22	Iodine-131	-2.27E-03	4.60E-03	1.43E-02	7.00E-02	4.63E-03	pCi/m3	U
API-1(585241007) - A.C. Iodine	5-Jul-22	Iodine-131	-3.58E-03	7.64E-03	2.50E-02	7.00E-02	7.69E-03	pCi/m3	U
API-1(585820007) - A.C. Iodine	12-Jul-22	Iodine-131	-6.13E-04	7.50E-03	2.54E-02	7.00E-02	7.51E-03	pCi/m3	U
API-1(587180007) - A.C. Iodine	19-Jul-22	Iodine-131	-5.55E-03	6.51E-03	2.03E-02	7.00E-02	6.64E-03	pCi/m3	U
API-1(587533007) - A.C. Iodine	26-Jul-22	Iodine-131	9.87E-03	5.74E-03	2.05E-02	7.00E-02	6.19E-03	pCi/m3	U
API-1(588189007) - A.C. Iodine	2-Aug-22	Iodine-131	3.60E-03	4.72E-03	1.67E-02	7.00E-02	4.80E-03	pCi/m3	U
API-1(589725007) - A.C. Iodine	9-Aug-22	Iodine-131	-2.95E-03	6.24E-03	1.97E-02	7.00E-02	6.28E-03	pCi/m3	U
API-1(589890007) - A.C. Iodine	16-Aug-22	Iodine-131	-2.61E-03	4.06E-03	1.26E-02	7.00E-02	4.11E-03	pCi/m3	U
API-1(590758007) - A.C. Iodine	23-Aug-22	Iodine-131	5.89E-03	1.61E-02	5.22E-02	7.00E-02	1.61E-02	pCi/m3	U
API-1(591553007) - A.C. Iodine	29-Aug-22	Iodine-131	6.84E-03	4.75E-03	1.64E-02	7.00E-02	5.01E-03	pCi/m3	U

API-1(592124007) - A.C. Iodine	6-Sep-22	Iodine-131	4.42E-03	3.07E-03	1.14E-02	7.00E-02	3.24E-03	pCi/m3	U
API-1(593570007) - A.C. Iodine	13-Sep-22	Iodine-131	-1.22E-02	7.28E-03	1.91E-02	7.00E-02	7.82E-03	pCi/m3	U
API-1(594026007) - A.C. Iodine	19-Sep-22	Iodine-131	2.30E-03	3.99E-03	1.42E-02	7.00E-02	4.03E-03	pCi/m3	U
API-1(594705007) - A.C. Iodine	27-Sep-22	Iodine-131	-1.37E-03	8.36E-03	2.75E-02	7.00E-02	8.37E-03	pCi/m3	U
API-1(595755007) - A.C. Iodine	4-Oct-22	Iodine-131	-7.58E-03	6.88E-03	2.08E-02	7.00E-02	7.11E-03	pCi/m3	U
API-1(596623007) - A.C. Iodine	11-Oct-22	Iodine-131	1.45E-03	8.20E-03	2.79E-02	7.00E-02	8.21E-03	pCi/m3	U
API-1(597446007) - A.C. Iodine	18-Oct-22	Iodine-131	4.84E-03	6.96E-03	2.46E-02	7.00E-02	7.06E-03	pCi/m3	U
API-1(598220007) - A.C. Iodine	25-Oct-22	Iodine-131	-8.18E-04	6.37E-03	1.90E-02	7.00E-02	6.38E-03	pCi/m3	U
API-1(599173007) - A.C. Iodine	1-Nov-22	Iodine-131	-4.50E-03	2.39E-03	6.22E-03	7.00E-02	2.61E-03	pCi/m3	U
API-1(600098007) - A.C. Iodine	8-Nov-22	Iodine-131	2.47E-03	5.54E-03	1.86E-02	7.00E-02	5.57E-03	pCi/m3	U
API-1(601009007) - A.C. Iodine	15-Nov-22	Iodine-131	-9.51E-03	8.23E-03	2.44E-02	7.00E-02	8.53E-03	pCi/m3	U
API-1(601905007) - A.C. Iodine	22-Nov-22	Iodine-131	5.95E-06	4.52E-03	1.52E-02	7.00E-02	4.52E-03	pCi/m3	U
API-1(602353007) - A.C. Iodine	29-Nov-22	Iodine-131	-6.54E-03	3.65E-03	9.55E-03	7.00E-02	3.96E-03	pCi/m3	U
API-1(603091007) - A.C. Iodine	6-Dec-22	Iodine-131	1.91E-03	2.95E-03	1.05E-02	7.00E-02	2.99E-03	pCi/m3	U
API-1(604120007) - A.C. Iodine	13-Dec-22	Iodine-131	1.52E-03	4.15E-03	1.47E-02	7.00E-02	4.17E-03	pCi/m3	U
API-1(604995007) - A.C. Iodine	20-Dec-22	Iodine-131	1.69E-02	1.67E-02	2.73E-02	7.00E-02	1.68E-02	pCi/m3	U
API-1(605373007) - A.C. Iodine	27-Dec-22	Iodine-131	-8.10E-03	8.58E-03	2.55E-02	7.00E-02	8.79E-03	pCi/m3	U

API-1

A.P. Gross Beta

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Actinium-228	1.02E-04	7.83E-04	2.76E-03		7.83E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Actinium-228	-1.46E-03	6.92E-04	2.02E-03		7.73E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Actinium-228	8.49E-04	5.59E-04	2.16E-03		5.94E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Actinium-228	1.12E-03	9.93E-04	2.32E-03		1.03E-03	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Antimony-124	1.58E-04	6.83E-04	2.29E-03		6.84E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Antimony-124	5.77E-04	5.66E-04	2.14E-03		5.82E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Antimony-124	-3.32E-04	5.81E-04	1.68E-03		5.86E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Antimony-124	-3.64E-08	4.55E-04	1.46E-03		4.55E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Antimony-125	-6.28E-05	3.35E-04	1.09E-03		3.35E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Antimony-125	5.53E-04	3.36E-04	1.23E-03		3.61E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Antimony-125	6.21E-04	2.90E-04	1.13E-03		3.25E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Antimony-125	-9.07E-06	3.21E-04	1.07E-03		3.21E-04	pCi/m3	U
API-1(566527001) - A.P. Gross Beta	4-Jan-22	BETA	4.71E-02	2.93E-03	3.38E-03	1.00E-02	2.93E-03	pCi/m3	
API-1(567492001) - A.P. Gross Beta	11-Jan-22	BETA	4.86E-02	3.01E-03	3.23E-03	1.00E-02	3.01E-03	pCi/m3	
API-1(567962001) - A.P. Gross Beta	18-Jan-22	BETA	5.97E-02	3.27E-03	3.14E-03	1.00E-02	3.28E-03	pCi/m3	
API-1(568655001) - A.P. Gross Beta	25-Jan-22	BETA	3.89E-02	2.80E-03	3.44E-03	1.00E-02	2.80E-03	pCi/m3	
API-1(569337001) - A.P. Gross Beta	1-Feb-22	BETA	4.40E-02	2.92E-03	3.61E-03	1.00E-02	2.92E-03	pCi/m3	
API-1(570005001) - A.P. Gross Beta	8-Feb-22	BETA	5.46E-02	3.15E-03	3.03E-03	1.00E-02	3.16E-03	pCi/m3	
API-1(570716001) - A.P. Gross Beta	15-Feb-22	BETA	4.20E-02	2.83E-03	3.12E-03	1.00E-02	2.83E-03	pCi/m3	
API-1(571211001) - A.P. Gross Beta	21-Feb-22	BETA	4.69E-02	3.16E-03	3.39E-03	1.00E-02	3.16E-03	pCi/m3	
API-1(571858001) - A.P. Gross Beta	28-Feb-22	BETA	4.54E-02	2.93E-03	3.20E-03	1.00E-02	2.94E-03	pCi/m3	
API-1(572910001) - A.P. Gross Beta	8-Mar-22	BETA	4.32E-02	2.71E-03	2.94E-03	1.00E-02	2.71E-03	pCi/m3	
API-1(573463001) - A.P. Gross Beta	15-Mar-22	BETA	5.05E-02	3.03E-03	3.08E-03	1.00E-02	3.04E-03	pCi/m3	
API-1(574346001) - A.P. Gross Beta	22-Mar-22	BETA	3.90E-02	2.71E-03	3.10E-03	1.00E-02	2.71E-03	pCi/m3	
API-1(575360001) - A.P. Gross Beta	30-Mar-22	BETA	2.46E-02	2.05E-03	2.76E-03	1.00E-02	2.05E-03	pCi/m3	
API-1(575551001) - A.P. Gross Beta	5-Apr-22	BETA	3.25E-02	2.77E-03	3.74E-03	1.00E-02	2.77E-03	pCi/m3	
API-1(576755001) - A.P. Gross Beta	12-Apr-22	BETA	3.03E-02	2.56E-03	3.85E-03	1.00E-02	2.56E-03	pCi/m3	
API-1(577423001) - A.P. Gross Beta	19-Apr-22	BETA	2.74E-02	2.33E-03	3.20E-03	1.00E-02	2.33E-03	pCi/m3	
API-1(578259001) - A.P. Gross Beta	26-Apr-22	BETA	3.62E-02	2.69E-03	3.41E-03	1.00E-02	2.69E-03	pCi/m3	
API-1(578875001) - A.P. Gross Beta	3-May-22	BETA	3.25E-02	2.58E-03	3.27E-03	1.00E-02	2.58E-03	pCi/m3	
API-1(579713001) - A.P. Gross Beta	10-May-22	BETA	3.67E-02	2.66E-03	3.11E-03	1.00E-02	2.66E-03	pCi/m3	
API-1(580274001) - A.P. Gross Beta	17-May-22	BETA	3.45E-02	2.57E-03	3.21E-03	1.00E-02	2.57E-03	pCi/m3	
API-1(580939001) - A.P. Gross Beta	23-May-22	BETA	3.61E-02	2.88E-03	3.79E-03	1.00E-02	2.88E-03	pCi/m3	
API-1(581485001) - A.P. Gross Beta	31-May-22	BETA	2.12E-02	1.70E-03	2.20E-03	1.00E-02	1.70E-03	pCi/m3	
API-1(582286001) - A.P. Gross Beta	7-Jun-22	BETA	2.74E-02	2.08E-03	2.58E-03	1.00E-02	2.08E-03	pCi/m3	

API-1(583027001) - A.P. Gross Beta	14-Jun-22	BETA	2.59E-02	1.99E-03	2.46E-03	1.00E-02	1.99E-03	pCi/m3	
API-1(583788001) - A.P. Gross Beta	21-Jun-22	BETA	2.96E-02	2.16E-03	2.69E-03	1.00E-02	2.17E-03	pCi/m3	
API-1(584402001) - A.P. Gross Beta	28-Jun-22	BETA	2.42E-02	1.96E-03	2.59E-03	1.00E-02	1.96E-03	pCi/m3	
API-1(585241001) - A.P. Gross Beta	5-Jul-22	BETA	2.98E-02	2.12E-03	2.62E-03	1.00E-02	2.12E-03	pCi/m3	
API-1(585820001) - A.P. Gross Beta	12-Jul-22	BETA	2.72E-02	2.34E-03	3.54E-03	1.00E-02	2.34E-03	pCi/m3	
API-1(587180001) - A.P. Gross Beta	19-Jul-22	BETA	2.74E-02	1.90E-03	2.15E-03	1.00E-02	1.90E-03	pCi/m3	
API-1(587533001) - A.P. Gross Beta	26-Jul-22	BETA	2.69E-02	2.03E-03	2.53E-03	1.00E-02	2.03E-03	pCi/m3	
API-1(588189001) - A.P. Gross Beta	2-Aug-22	BETA	3.08E-02	2.24E-03	2.96E-03	1.00E-02	2.24E-03	pCi/m3	
API-1(589725001) - A.P. Gross Beta	9-Aug-22	BETA	2.61E-02	2.01E-03	2.51E-03	1.00E-02	2.01E-03	pCi/m3	
API-1(589890001) - A.P. Gross Beta	16-Aug-22	BETA	2.64E-02	2.03E-03	2.54E-03	1.00E-02	2.04E-03	pCi/m3	
API-1(590758001) - A.P. Gross Beta	23-Aug-22	BETA	3.45E-02	2.35E-03	3.00E-03	1.00E-02	2.35E-03	pCi/m3	
API-1(591553001) - A.P. Gross Beta	29-Aug-22	BETA	3.47E-02	2.54E-03	3.26E-03	1.00E-02	2.55E-03	pCi/m3	
API-1(592124001) - A.P. Gross Beta	6-Sep-22	BETA	2.84E-02	1.92E-03	2.13E-03	1.00E-02	1.93E-03	pCi/m3	
API-1(593570001) - A.P. Gross Beta	13-Sep-22	BETA	3.18E-02	2.19E-03	2.47E-03	1.00E-02	2.19E-03	pCi/m3	
API-1(594026001) - A.P. Gross Beta	19-Sep-22	BETA	4.25E-02	2.70E-03	2.87E-03	1.00E-02	2.70E-03	pCi/m3	
API-1(594705001) - A.P. Gross Beta	27-Sep-22	BETA	3.12E-02	2.02E-03	2.21E-03	1.00E-02	2.03E-03	pCi/m3	
API-1(595755001) - A.P. Gross Beta	4-Oct-22	BETA	2.23E-02	1.87E-03	2.42E-03	1.00E-02	1.87E-03	pCi/m3	
API-1(596623001) - A.P. Gross Beta	11-Oct-22	BETA	3.32E-02	2.23E-03	2.46E-03	1.00E-02	2.23E-03	pCi/m3	
API-1(597446001) - A.P. Gross Beta	18-Oct-22	BETA	3.11E-02	2.16E-03	2.41E-03	1.00E-02	2.16E-03	pCi/m3	
API-1(598220001) - A.P. Gross Beta	25-Oct-22	BETA	4.21E-02	2.47E-03	2.42E-03	1.00E-02	2.47E-03	pCi/m3	
API-1(599173001) - A.P. Gross Beta	1-Nov-22	BETA	3.07E-02	2.16E-03	2.48E-03	1.00E-02	2.17E-03	pCi/m3	
API-1(600098001) - A.P. Gross Beta	8-Nov-22	BETA	5.86E-02	2.85E-03	2.41E-03	1.00E-02	2.86E-03	pCi/m3	
API-1(601009001) - A.P. Gross Beta	15-Nov-22	BETA	2.75E-02	2.07E-03	2.51E-03	1.00E-02	2.07E-03	pCi/m3	
API-1(601905001) - A.P. Gross Beta	22-Nov-22	BETA	3.80E-02	2.36E-03	2.45E-03	1.00E-02	2.36E-03	pCi/m3	
API-1(602353001) - A.P. Gross Beta	29-Nov-22	BETA	5.16E-02	2.70E-03	2.37E-03	1.00E-02	2.71E-03	pCi/m3	
API-1(603091001) - A.P. Gross Beta	6-Dec-22	BETA	4.51E-02	2.53E-03	2.38E-03	1.00E-02	2.54E-03	pCi/m3	
API-1(604120001) - A.P. Gross Beta	13-Dec-22	BETA	5.12E-02	2.74E-03	2.52E-03	1.00E-02	2.75E-03	pCi/m3	
API-1(604995001) - A.P. Gross Beta	20-Dec-22	BETA	3.93E-02	2.38E-03	2.39E-03	1.00E-02	2.38E-03	pCi/m3	
API-1(605373001) - A.P. Gross Beta	27-Dec-22	BETA	4.08E-02	2.45E-03	2.45E-03	1.00E-02	2.46E-03	pCi/m3	
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Barium-140	-1.79E-03	6.36E-03	2.03E-02		6.38E-03	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Barium-140	1.09E-03	2.47E-03	8.36E-03		2.48E-03	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Barium-140	-2.83E-03	4.51E-03	1.15E-02		4.56E-03	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Barium-140	-2.37E-03	3.48E-03	1.08E-02		3.53E-03	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Beryllium-7	7.48E-02	6.14E-03	7.62E-03		7.09E-03	pCi/m3	
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Beryllium-7	6.71E-02	4.94E-03	4.89E-03		6.03E-03	pCi/m3	
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Beryllium-7	4.93E-02	4.80E-03	4.79E-03		5.34E-03	pCi/m3	
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Beryllium-7	5.79E-02	4.56E-03	5.05E-03		5.41E-03	pCi/m3	
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Cerium-141	1.80E-04	3.46E-04	1.06E-03		3.49E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Cerium-141	-5.65E-04	2.84E-04	8.04E-04		3.13E-04	pCi/m3	U

API-1(599202001) - A.P. Gross Beta	27-Sep-22	Cerium-141	-1.03E-04	3.12E-04	9.80E-04		3.13E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Cerium-141	-9.60E-04	3.58E-04	8.62E-04		4.23E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Cerium-144	-7.58E-04	6.41E-04	1.91E-03		6.66E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Cerium-144	-9.52E-04	6.00E-04	1.75E-03		6.40E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Cerium-144	3.48E-04	6.17E-04	2.05E-03		6.22E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Cerium-144	-5.41E-05	5.51E-04	1.76E-03		5.51E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Cesium-134	3.19E-04	2.08E-04	7.67E-04	5.00E-02	2.21E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Cesium-134	-8.61E-05	1.20E-04	3.73E-04	5.00E-02	1.22E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Cesium-134	1.04E-04	1.51E-04	5.23E-04	5.00E-02	1.53E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Cesium-134	-1.69E-04	1.55E-04	3.55E-04	5.00E-02	1.60E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Cesium-137	-6.91E-05	2.02E-04	5.86E-04	6.00E-02	2.03E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Cesium-137	-8.51E-05	2.33E-04	7.96E-04	6.00E-02	2.34E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Cesium-137	2.17E-04	2.00E-04	3.94E-04	6.00E-02	2.00E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Cesium-137	-1.15E-04	1.63E-04	5.04E-04	6.00E-02	1.65E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Chromium-51	-2.85E-03	3.58E-03	1.02E-02		3.64E-03	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Chromium-51	-7.52E-04	2.05E-03	6.75E-03		2.05E-03	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Chromium-51	1.54E-03	2.08E-03	7.40E-03		2.11E-03	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Chromium-51	3.08E-03	2.17E-03	7.86E-03		2.28E-03	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Cobalt-57	1.62E-05	8.26E-05	2.44E-04		8.27E-05	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Cobalt-57	2.31E-05	8.17E-05	2.67E-04		8.19E-05	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Cobalt-57	-2.27E-05	6.53E-05	2.06E-04		6.55E-05	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Cobalt-57	2.59E-05	7.21E-05	2.37E-04		7.23E-05	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Cobalt-58	2.42E-04	2.13E-04	8.08E-04		2.20E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Cobalt-58	-8.92E-05	1.85E-04	6.00E-04		1.87E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Cobalt-58	-1.35E-04	1.68E-04	4.71E-04		1.71E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Cobalt-58	-9.09E-05	1.59E-04	4.68E-04		1.61E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Cobalt-60	-1.15E-04	1.90E-04	5.58E-04		1.92E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Cobalt-60	1.61E-04	1.53E-04	5.68E-04		1.57E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Cobalt-60	2.41E-04	1.74E-04	6.73E-04		1.83E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Cobalt-60	-1.06E-04	1.81E-04	5.52E-04		1.82E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Iodine-131	4.49E-03	5.14E-03	1.82E-02		5.25E-03	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Iodine-131	2.63E-03	2.05E-03	7.41E-03		2.14E-03	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Iodine-131	7.86E-04	2.86E-03	9.82E-03		2.87E-03	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Iodine-131	2.13E-03	2.46E-03	8.71E-03		2.51E-03	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Iron-59	-2.86E-04	6.03E-04	1.88E-03		6.07E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Iron-59	3.81E-04	4.19E-04	1.53E-03		4.28E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Iron-59	4.23E-04	5.88E-04	2.11E-03		5.96E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Iron-59	-6.24E-04	4.29E-04	1.17E-03		4.54E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Lanthanum-140	5.23E-05	2.24E-03	7.24E-03		2.24E-03	pCi/m3	U

API-1(587809001) - A.P. Gross Beta	28-Jun-22	Lanthanum-140	1.18E-03	1.16E-03	4.41E-03		1.20E-03	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Lanthanum-140	-1.79E-04	1.18E-03	3.71E-03		1.18E-03	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Lanthanum-140	1.67E-03	1.34E-03	5.03E-03		1.39E-03	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Manganese-54	-1.32E-04	1.83E-04	5.77E-04		1.86E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Manganese-54	-8.88E-05	1.64E-04	5.30E-04		1.66E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Manganese-54	2.92E-04	1.48E-04	5.74E-04		1.63E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Manganese-54	8.34E-05	1.41E-04	5.02E-04		1.43E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Niobium-95	7.12E-04	3.71E-04	7.12E-04		3.73E-04	pCi/m3	UI
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Niobium-95	1.87E-04	1.76E-04	6.51E-04		1.81E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Niobium-95	1.83E-04	1.98E-04	6.97E-04		2.02E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Niobium-95	-8.30E-05	1.94E-04	5.13E-04		1.95E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Potassium-40	6.91E-03	4.46E-03	6.91E-03		4.47E-03	pCi/m3	UI
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Potassium-40	2.68E-03	2.80E-03	2.68E-03		2.82E-03	pCi/m3	UI
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Potassium-40	1.03E-02	3.40E-03	3.96E-03		3.44E-03	pCi/m3	
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Potassium-40	5.53E-03	4.22E-03	5.53E-03		4.24E-03	pCi/m3	UI
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Ruthenium-103	-4.38E-05	2.65E-04	8.57E-04		2.65E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Ruthenium-103	-1.21E-04	2.00E-04	6.22E-04		2.02E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Ruthenium-103	-2.03E-04	2.49E-04	6.65E-04		2.54E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Ruthenium-103	-3.28E-05	2.12E-04	6.90E-04		2.12E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Ruthenium-106	2.22E-03	1.63E-03	5.90E-03		1.71E-03	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Ruthenium-106	-1.24E-03	1.41E-03	4.18E-03		1.44E-03	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Ruthenium-106	-1.29E-03	1.47E-03	3.99E-03		1.50E-03	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Ruthenium-106	-1.13E-03	1.32E-03	3.99E-03		1.35E-03	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Selenium-75	-2.39E-04	1.72E-04	5.34E-04		1.81E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Selenium-75	6.90E-05	1.69E-04	5.89E-04		1.70E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Selenium-75	7.93E-07	1.89E-04	6.47E-04		1.89E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Selenium-75	-2.14E-05	1.68E-04	5.70E-04		1.68E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Silver-108m	1.22E-04	1.39E-04	4.88E-04		1.42E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Silver-108m	1.23E-04	1.06E-04	3.77E-04		1.10E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Silver-108m	9.81E-05	9.08E-05	3.31E-04		9.37E-05	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Silver-108m	-9.95E-06	9.26E-05	3.05E-04		9.26E-05	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Silver-110m	2.91E-04	2.87E-04	1.03E-03		2.95E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Silver-110m	-1.90E-04	1.92E-04	5.76E-04		1.97E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Silver-110m	3.53E-04	1.17E-04	6.36E-04		1.44E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Silver-110m	-2.02E-05	2.37E-04	7.02E-04		2.37E-04	pCi/m3	U
API-1(579326001) - A.P. Gross Beta	30-Mar-22	Zinc-65	5.30E-04	3.82E-04	1.49E-03		4.02E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Zinc-65	7.72E-05	3.64E-04	1.09E-03		3.64E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Zinc-65	1.47E-04	2.89E-04	1.03E-03		2.91E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Zinc-65	-7.63E-06	3.48E-04	1.16E-03		3.48E-04	pCi/m3	U

API-1(579326001) - A.P. Gross Beta	30-Mar-22	Zirconium-95	3.35E-04	5.00E-04	1.70E-03		5.06E-04	pCi/m3	U
API-1(587809001) - A.P. Gross Beta	28-Jun-22	Zirconium-95	3.20E-04	2.71E-04	1.03E-03		2.81E-04	pCi/m3	U
API-1(599202001) - A.P. Gross Beta	27-Sep-22	Zirconium-95	-7.08E-04	3.80E-04	8.92E-04		4.15E-04	pCi/m3	U
API-1(608967001) - A.P. Gross Beta	27-Dec-22	Zirconium-95	-7.55E-04	3.91E-04	7.78E-04		4.30E-04	pCi/m3	U

API-2

A.C. Iodine

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-2(566527008) - A.C. Iodine	4-Jan-22	Iodine-131	-3.83E-03	4.12E-03	1.04E-02	7.00E-02	4.22E-03	pCi/m3	U
API-2(567492008) - A.C. Iodine	11-Jan-22	Iodine-131	-5.39E-03	3.58E-03	1.05E-02	7.00E-02	3.80E-03	pCi/m3	U
API-2(567962008) - A.C. Iodine	18-Jan-22	Iodine-131	3.05E-03	3.41E-03	1.25E-02	7.00E-02	3.49E-03	pCi/m3	U
API-2(568655008) - A.C. Iodine	25-Jan-22	Iodine-131	-8.19E-03	7.05E-03	2.17E-02	7.00E-02	7.31E-03	pCi/m3	U
API-2(569337008) - A.C. Iodine	1-Feb-22	Iodine-131	9.19E-04	4.38E-03	1.51E-02	7.00E-02	4.39E-03	pCi/m3	U
API-2(570005008) - A.C. Iodine	8-Feb-22	Iodine-131	3.57E-03	3.52E-03	1.28E-02	7.00E-02	3.62E-03	pCi/m3	U
API-2(570716008) - A.C. Iodine	15-Feb-22	Iodine-131	-4.22E-03	6.57E-03	1.96E-02	7.00E-02	6.65E-03	pCi/m3	U
API-2(571211008) - A.C. Iodine	21-Feb-22	Iodine-131	-1.14E-02	5.16E-03	1.30E-02	7.00E-02	5.82E-03	pCi/m3	U
API-2(571858008) - A.C. Iodine	28-Feb-22	Iodine-131	-1.08E-03	3.83E-03	1.27E-02	7.00E-02	3.84E-03	pCi/m3	U
API-2(572910008) - A.C. Iodine	8-Mar-22	Iodine-131	5.95E-03	8.10E-03	2.73E-02	7.00E-02	8.22E-03	pCi/m3	U
API-2(573463008) - A.C. Iodine	15-Mar-22	Iodine-131	-1.38E-03	3.61E-03	1.19E-02	7.00E-02	3.63E-03	pCi/m3	U
API-2(574346008) - A.C. Iodine	22-Mar-22	Iodine-131	2.47E-03	4.39E-03	1.57E-02	7.00E-02	4.43E-03	pCi/m3	U
API-2(575360008) - A.C. Iodine	30-Mar-22	Iodine-131	9.25E-04	4.28E-03	1.47E-02	7.00E-02	4.29E-03	pCi/m3	U
API-2(575551008) - A.C. Iodine	5-Apr-22	Iodine-131	3.13E-04	4.39E-03	1.50E-02	7.00E-02	4.39E-03	pCi/m3	U
API-2(576755008) - A.C. Iodine	12-Apr-22	Iodine-131	-5.95E-03	3.80E-03	1.09E-02	7.00E-02	4.05E-03	pCi/m3	U
API-2(577423008) - A.C. Iodine	19-Apr-22	Iodine-131	4.83E-03	5.78E-03	2.15E-02	7.00E-02	5.89E-03	pCi/m3	U
API-2(578259008) - A.C. Iodine	26-Apr-22	Iodine-131	-1.55E-03	4.04E-03	1.30E-02	7.00E-02	4.06E-03	pCi/m3	U
API-2(578875008) - A.C. Iodine	3-May-22	Iodine-131	6.89E-03	7.94E-03	2.90E-02	7.00E-02	8.10E-03	pCi/m3	U
API-2(579713008) - A.C. Iodine	10-May-22	Iodine-131	7.66E-03	5.36E-03	2.06E-02	7.00E-02	5.66E-03	pCi/m3	U
API-2(580274008) - A.C. Iodine	17-May-22	Iodine-131	5.09E-03	4.39E-03	1.30E-02	7.00E-02	4.40E-03	pCi/m3	U
API-2(580939008) - A.C. Iodine	23-May-22	Iodine-131	2.35E-03	3.69E-03	1.30E-02	7.00E-02	3.73E-03	pCi/m3	U
API-2(581485008) - A.C. Iodine	31-May-22	Iodine-131	-8.09E-04	2.45E-03	7.70E-03	7.00E-02	2.46E-03	pCi/m3	U
API-2(582286008) - A.C. Iodine	7-Jun-22	Iodine-131	-5.93E-03	3.34E-03	8.95E-03	7.00E-02	3.61E-03	pCi/m3	U
API-2(583027008) - A.C. Iodine	14-Jun-22	Iodine-131	1.13E-04	4.95E-03	1.68E-02	7.00E-02	4.95E-03	pCi/m3	U
API-2(583788008) - A.C. Iodine	21-Jun-22	Iodine-131	1.22E-02	7.24E-03	2.86E-02	7.00E-02	7.79E-03	pCi/m3	U
API-2(584402008) - A.C. Iodine	28-Jun-22	Iodine-131	-8.47E-03	4.93E-03	1.24E-02	7.00E-02	5.32E-03	pCi/m3	U
API-2(585241008) - A.C. Iodine	5-Jul-22	Iodine-131	1.13E-03	7.84E-03	2.26E-02	7.00E-02	7.84E-03	pCi/m3	U
API-2(585820008) - A.C. Iodine	12-Jul-22	Iodine-131	6.59E-03	5.67E-03	2.00E-02	7.00E-02	5.88E-03	pCi/m3	U
API-2(587180008) - A.C. Iodine	19-Jul-22	Iodine-131	-9.39E-03	6.90E-03	1.97E-02	7.00E-02	7.24E-03	pCi/m3	U
API-2(587533008) - A.C. Iodine	26-Jul-22	Iodine-131	1.97E-05	5.46E-03	1.85E-02	7.00E-02	5.46E-03	pCi/m3	U
API-2(588189008) - A.C. Iodine	2-Aug-22	Iodine-131	-6.82E-03	4.84E-03	1.15E-02	7.00E-02	5.10E-03	pCi/m3	U

API-2(589725008) - A.C. Iodine	9-Aug-22	Iodine-131	1.59E-02	7.61E-03	2.98E-02	7.00E-02	8.47E-03	pCi/m3	U
API-2(589890008) - A.C. Iodine	16-Aug-22	Iodine-131	4.12E-03	4.31E-03	1.59E-02	7.00E-02	4.41E-03	pCi/m3	U
API-2(590758008) - A.C. Iodine	23-Aug-22	Iodine-131	1.15E-02	1.93E-02	6.32E-02	7.00E-02	1.95E-02	pCi/m3	U
API-2(591553008) - A.C. Iodine	29-Aug-22	Iodine-131	7.18E-03	4.32E-03	1.52E-02	7.00E-02	4.63E-03	pCi/m3	U
API-2(592124008) - A.C. Iodine	6-Sep-22	Iodine-131	-9.38E-04	3.74E-03	1.02E-02	7.00E-02	3.75E-03	pCi/m3	U
API-2(593570008) - A.C. Iodine	13-Sep-22	Iodine-131	6.32E-04	5.70E-03	1.94E-02	7.00E-02	5.70E-03	pCi/m3	U
API-2(594026008) - A.C. Iodine	19-Sep-22	Iodine-131	-3.78E-03	4.15E-03	1.32E-02	7.00E-02	4.24E-03	pCi/m3	U
API-2(594705008) - A.C. Iodine	27-Sep-22	Iodine-131	2.45E-03	1.00E-02	3.45E-02	7.00E-02	1.00E-02	pCi/m3	U
API-2(595755008) - A.C. Iodine	4-Oct-22	Iodine-131	-4.84E-04	7.69E-03	2.60E-02	7.00E-02	7.69E-03	pCi/m3	U
API-2(596623008) - A.C. Iodine	11-Oct-22	Iodine-131	1.53E-03	8.02E-03	2.68E-02	7.00E-02	8.03E-03	pCi/m3	U
API-2(597446008) - A.C. Iodine	18-Oct-22	Iodine-131	1.56E-02	6.09E-03	2.48E-02	7.00E-02	7.10E-03	pCi/m3	U
API-2(598220008) - A.C. Iodine	25-Oct-22	Iodine-131	-5.95E-03	5.72E-03	1.72E-02	7.00E-02	5.88E-03	pCi/m3	U
API-2(599173008) - A.C. Iodine	1-Nov-22	Iodine-131	1.10E-03	2.54E-03	8.88E-03	7.00E-02	2.56E-03	pCi/m3	U
API-2(600098008) - A.C. Iodine	8-Nov-22	Iodine-131	-2.19E-03	5.75E-03	1.84E-02	7.00E-02	5.78E-03	pCi/m3	U
API-2(601009008) - A.C. Iodine	15-Nov-22	Iodine-131	1.32E-02	9.39E-03	3.30E-02	7.00E-02	9.89E-03	pCi/m3	U
API-2(601905008) - A.C. Iodine	22-Nov-22	Iodine-131	-1.21E-03	4.53E-03	1.48E-02	7.00E-02	4.54E-03	pCi/m3	U
API-2(602353008) - A.C. Iodine	29-Nov-22	Iodine-131	-1.03E-03	3.38E-03	1.12E-02	7.00E-02	3.39E-03	pCi/m3	U
API-2(603091008) - A.C. Iodine	6-Dec-22	Iodine-131	-4.12E-03	2.98E-03	8.60E-03	7.00E-02	3.13E-03	pCi/m3	U
API-2(604120008) - A.C. Iodine	13-Dec-22	Iodine-131	1.28E-03	3.73E-03	1.32E-02	7.00E-02	3.74E-03	pCi/m3	U
API-2(604995008) - A.C. Iodine	20-Dec-22	Iodine-131	1.57E-03	1.06E-02	3.41E-02	7.00E-02	1.06E-02	pCi/m3	U
API-2(605373008) - A.C. Iodine	27-Dec-22	Iodine-131	-1.38E-02	1.19E-02	3.28E-02	7.00E-02	1.23E-02	pCi/m3	U

API-2

A.P. Gross Beta

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Actinium-228	2.52E-03	5.92E-04	2.52E-03		8.70E-04	pCi/m3	UI
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Actinium-228	-9.84E-04	5.71E-04	1.79E-03		6.17E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Actinium-228	-4.94E-04	7.66E-04	2.44E-03		7.75E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Actinium-228	2.11E-03	8.62E-04	2.32E-03		9.96E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Antimony-124	5.05E-04	7.11E-04	2.59E-03		7.21E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Antimony-124	-1.61E-04	5.16E-04	1.62E-03		5.18E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Antimony-124	6.37E-04	6.25E-04	2.37E-03		6.42E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Antimony-124	8.19E-04	4.74E-04	1.95E-03		5.11E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Antimony-125	5.08E-04	3.52E-04	1.26E-03		3.72E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Antimony-125	-1.49E-04	2.77E-04	9.02E-04		2.79E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Antimony-125	-3.48E-04	3.46E-04	1.04E-03		3.55E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Antimony-125	-4.61E-04	2.32E-04	6.30E-04		2.56E-04	pCi/m3	U
API-2(566527002) - A.P. Gross Beta	4-Jan-22	BETA	1.39E-01	4.94E-03	3.29E-03	1.00E-02	4.97E-03	pCi/m3	
API-2(567492002) - A.P. Gross Beta	11-Jan-22	BETA	1.58E-01	5.28E-03	3.21E-03	1.00E-02	5.31E-03	pCi/m3	

API-2(567962002) - A.P. Gross Beta	18-Jan-22	BETA	1.65E-01	5.27E-03	3.16E-03	1.00E-02	5.30E-03	pCi/m3	
API-2(568655002) - A.P. Gross Beta	25-Jan-22	BETA	3.96E-02	2.76E-03	3.45E-03	1.00E-02	2.77E-03	pCi/m3	
API-2(569337002) - A.P. Gross Beta	1-Feb-22	BETA	4.46E-02	2.94E-03	3.14E-03	1.00E-02	2.94E-03	pCi/m3	
API-2(570005002) - A.P. Gross Beta	8-Feb-22	BETA	5.62E-02	3.17E-03	3.05E-03	1.00E-02	3.17E-03	pCi/m3	
API-2(570716002) - A.P. Gross Beta	15-Feb-22	BETA	3.90E-02	2.68E-03	2.92E-03	1.00E-02	2.68E-03	pCi/m3	
API-2(571211002) - A.P. Gross Beta	21-Feb-22	BETA	4.99E-02	3.40E-03	4.16E-03	1.00E-02	3.40E-03	pCi/m3	
API-2(571858002) - A.P. Gross Beta	28-Feb-22	BETA	4.66E-02	2.93E-03	3.19E-03	1.00E-02	2.93E-03	pCi/m3	
API-2(572910002) - A.P. Gross Beta	8-Mar-22	BETA	4.37E-02	2.67E-03	2.80E-03	1.00E-02	2.68E-03	pCi/m3	
API-2(573463002) - A.P. Gross Beta	15-Mar-22	BETA	5.38E-02	3.18E-03	3.18E-03	1.00E-02	3.19E-03	pCi/m3	
API-2(574346002) - A.P. Gross Beta	22-Mar-22	BETA	5.01E-02	3.11E-03	3.56E-03	1.00E-02	3.12E-03	pCi/m3	
API-2(575360002) - A.P. Gross Beta	30-Mar-22	BETA	2.95E-02	2.28E-03	3.03E-03	1.00E-02	2.29E-03	pCi/m3	
API-2(575551002) - A.P. Gross Beta	5-Apr-22	BETA	2.88E-02	2.60E-03	3.70E-03	1.00E-02	2.60E-03	pCi/m3	
API-2(576755002) - A.P. Gross Beta	12-Apr-22	BETA	3.45E-02	2.64E-03	3.26E-03	1.00E-02	2.64E-03	pCi/m3	
API-2(577423002) - A.P. Gross Beta	19-Apr-22	BETA	3.21E-02	2.61E-03	3.82E-03	1.00E-02	2.61E-03	pCi/m3	
API-2(578259002) - A.P. Gross Beta	26-Apr-22	BETA	3.66E-02	2.71E-03	3.27E-03	1.00E-02	2.71E-03	pCi/m3	
API-2(578875002) - A.P. Gross Beta	3-May-22	BETA	2.74E-02	2.36E-03	3.18E-03	1.00E-02	2.36E-03	pCi/m3	
API-2(579713002) - A.P. Gross Beta	10-May-22	BETA	3.22E-02	2.49E-03	3.21E-03	1.00E-02	2.50E-03	pCi/m3	
API-2(580274002) - A.P. Gross Beta	17-May-22	BETA	4.29E-02	2.91E-03	3.55E-03	1.00E-02	2.91E-03	pCi/m3	
API-2(580939002) - A.P. Gross Beta	23-May-22	BETA	3.74E-02	3.03E-03	4.22E-03	1.00E-02	3.03E-03	pCi/m3	
API-2(581485002) - A.P. Gross Beta	31-May-22	BETA	2.23E-02	1.79E-03	2.57E-03	1.00E-02	1.79E-03	pCi/m3	
API-2(582286002) - A.P. Gross Beta	7-Jun-22	BETA	2.78E-02	2.13E-03	2.95E-03	1.00E-02	2.13E-03	pCi/m3	
API-2(583027002) - A.P. Gross Beta	14-Jun-22	BETA	2.09E-02	1.82E-03	2.50E-03	1.00E-02	1.82E-03	pCi/m3	
API-2(583788002) - A.P. Gross Beta	21-Jun-22	BETA	3.27E-02	2.31E-03	3.10E-03	1.00E-02	2.32E-03	pCi/m3	
API-2(584402002) - A.P. Gross Beta	28-Jun-22	BETA	2.68E-02	2.02E-03	2.46E-03	1.00E-02	2.02E-03	pCi/m3	
API-2(585241002) - A.P. Gross Beta	5-Jul-22	BETA	2.86E-02	2.17E-03	2.96E-03	1.00E-02	2.17E-03	pCi/m3	
API-2(585820002) - A.P. Gross Beta	12-Jul-22	BETA	2.63E-02	2.22E-03	2.95E-03	1.00E-02	2.22E-03	pCi/m3	
API-2(587180002) - A.P. Gross Beta	19-Jul-22	BETA	3.02E-02	1.99E-03	2.19E-03	1.00E-02	2.00E-03	pCi/m3	
API-2(587533002) - A.P. Gross Beta	26-Jul-22	BETA	3.02E-02	2.15E-03	2.64E-03	1.00E-02	2.16E-03	pCi/m3	
API-2(588189002) - A.P. Gross Beta	2-Aug-22	BETA	3.17E-02	2.20E-03	2.56E-03	1.00E-02	2.20E-03	pCi/m3	
API-2(589725002) - A.P. Gross Beta	9-Aug-22	BETA	2.81E-02	2.15E-03	2.98E-03	1.00E-02	2.15E-03	pCi/m3	
API-2(589890002) - A.P. Gross Beta	16-Aug-22	BETA	2.60E-02	2.10E-03	3.01E-03	1.00E-02	2.10E-03	pCi/m3	
API-2(590758002) - A.P. Gross Beta	23-Aug-22	BETA	3.55E-02	2.31E-03	2.54E-03	1.00E-02	2.31E-03	pCi/m3	
API-2(591553002) - A.P. Gross Beta	29-Aug-22	BETA	3.57E-02	2.53E-03	2.98E-03	1.00E-02	2.54E-03	pCi/m3	
API-2(592124002) - A.P. Gross Beta	6-Sep-22	BETA	2.61E-02	1.87E-03	2.23E-03	1.00E-02	1.88E-03	pCi/m3	
API-2(593570002) - A.P. Gross Beta	13-Sep-22	BETA	2.91E-02	2.11E-03	2.47E-03	1.00E-02	2.11E-03	pCi/m3	
API-2(594026002) - A.P. Gross Beta	19-Sep-22	BETA	4.80E-02	2.86E-03	2.86E-03	1.00E-02	2.86E-03	pCi/m3	
API-2(594705002) - A.P. Gross Beta	27-Sep-22	BETA	3.09E-02	2.00E-03	2.11E-03	1.00E-02	2.00E-03	pCi/m3	
API-2(595755002) - A.P. Gross Beta	4-Oct-22	BETA	2.04E-02	1.81E-03	2.46E-03	1.00E-02	1.81E-03	pCi/m3	
API-2(596623002) - A.P. Gross Beta	11-Oct-22	BETA	3.50E-02	2.34E-03	2.79E-03	1.00E-02	2.34E-03	pCi/m3	

API-2(597446002) - A.P. Gross Beta	18-Oct-22	BETA	3.20E-02	2.20E-03	2.49E-03	1.00E-02	2.20E-03	pCi/m3	
API-2(598220002) - A.P. Gross Beta	25-Oct-22	BETA	4.59E-02	2.58E-03	2.50E-03	1.00E-02	2.59E-03	pCi/m3	
API-2(599173002) - A.P. Gross Beta	1-Nov-22	BETA	3.00E-02	2.15E-03	2.52E-03	1.00E-02	2.15E-03	pCi/m3	
API-2(600098002) - A.P. Gross Beta	8-Nov-22	BETA	4.52E-02	2.56E-03	2.46E-03	1.00E-02	2.56E-03	pCi/m3	
API-2(601009002) - A.P. Gross Beta	15-Nov-22	BETA	3.23E-02	2.23E-03	2.52E-03	1.00E-02	2.24E-03	pCi/m3	
API-2(601905002) - A.P. Gross Beta	22-Nov-22	BETA	3.82E-02	2.37E-03	2.48E-03	1.00E-02	2.38E-03	pCi/m3	
API-2(602353002) - A.P. Gross Beta	29-Nov-22	BETA	1.62E-02	1.64E-03	2.46E-03	1.00E-02	1.64E-03	pCi/m3	
API-2(603091002) - A.P. Gross Beta	6-Dec-22	BETA	4.69E-02	2.62E-03	2.58E-03	1.00E-02	2.63E-03	pCi/m3	
API-2(604120002) - A.P. Gross Beta	13-Dec-22	BETA	5.22E-02	2.79E-03	2.64E-03	1.00E-02	2.79E-03	pCi/m3	
API-2(604995002) - A.P. Gross Beta	20-Dec-22	BETA	4.06E-02	2.48E-03	2.63E-03	1.00E-02	2.48E-03	pCi/m3	
API-2(605373002) - A.P. Gross Beta	27-Dec-22	BETA	3.80E-02	2.42E-03	2.66E-03	1.00E-02	2.42E-03	pCi/m3	
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Barium-140	-3.73E-03	4.40E-03	1.38E-02		4.49E-03	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Barium-140	-1.74E-04	2.24E-03	7.45E-03		2.24E-03	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Barium-140	-2.51E-03	4.07E-03	1.25E-02		4.11E-03	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Barium-140	3.11E-03	2.33E-03	8.73E-03		2.44E-03	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Beryllium-7	9.71E-02	6.56E-03	6.92E-03		8.33E-03	pCi/m3	
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Beryllium-7	6.89E-02	5.08E-03	5.15E-03		6.00E-03	pCi/m3	
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Beryllium-7	5.02E-02	5.50E-03	7.03E-03		6.03E-03	pCi/m3	
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Beryllium-7	4.71E-02	3.86E-03	5.15E-03		4.52E-03	pCi/m3	
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Cerium-141	-4.23E-04	3.43E-04	1.02E-03		3.56E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Cerium-141	-3.62E-04	3.15E-04	9.00E-04		3.26E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Cerium-141	-4.04E-05	3.77E-04	1.16E-03		3.77E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Cerium-141	2.05E-05	2.61E-04	8.41E-04		2.61E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Cerium-144	7.30E-04	6.28E-04	2.17E-03		6.51E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Cerium-144	1.41E-04	5.77E-04	1.92E-03		5.78E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Cerium-144	5.86E-05	6.80E-04	2.34E-03		6.80E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Cerium-144	6.11E-04	5.57E-04	1.90E-03		5.75E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Cesium-134	-4.78E-05	1.75E-04	5.53E-04	5.00E-02	1.75E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Cesium-134	-6.69E-05	1.48E-04	3.98E-04	5.00E-02	1.49E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Cesium-134	-2.21E-04	2.14E-04	5.89E-04	5.00E-02	2.20E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Cesium-134	2.01E-04	1.34E-04	4.99E-04	5.00E-02	1.42E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Cesium-137	-3.01E-04	1.89E-04	5.28E-04	6.00E-02	2.03E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Cesium-137	-1.34E-04	1.50E-04	4.26E-04	6.00E-02	1.53E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Cesium-137	5.05E-04	4.54E-04	5.72E-04	6.00E-02	4.55E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Cesium-137	-3.22E-04	1.25E-04	3.09E-04	6.00E-02	1.46E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Chromium-51	2.48E-03	2.68E-03	9.40E-03		2.75E-03	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Chromium-51	-1.40E-03	2.11E-03	6.26E-03		2.14E-03	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Chromium-51	-2.74E-03	2.62E-03	8.15E-03		2.70E-03	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Chromium-51	1.91E-03	1.72E-03	6.27E-03		1.78E-03	pCi/m3	U

API-2(579326002) - A.P. Gross Beta	30-Mar-22	Cobalt-57	-1.42E-04	7.36E-05	2.08E-04		8.07E-05	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Cobalt-57	-3.89E-05	6.96E-05	2.22E-04		7.02E-05	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Cobalt-57	-3.85E-06	8.42E-05	2.89E-04		8.42E-05	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Cobalt-57	2.18E-05	6.52E-05	2.14E-04		6.54E-05	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Cobalt-58	-1.26E-04	1.98E-04	5.92E-04		2.00E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Cobalt-58	2.36E-04	1.64E-04	6.21E-04		1.74E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Cobalt-58	-2.38E-04	2.43E-04	6.87E-04		2.49E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Cobalt-58	1.15E-04	1.58E-04	5.52E-04		1.61E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Cobalt-60	1.19E-04	1.91E-04	6.72E-04		1.93E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Cobalt-60	-1.19E-05	1.34E-04	4.46E-04		1.34E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Cobalt-60	-4.77E-04	2.24E-04	5.72E-04		2.50E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Cobalt-60	2.65E-04	1.58E-04	6.26E-04		1.70E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Iodine-131	-8.86E-04	4.24E-03	1.37E-02		4.25E-03	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Iodine-131	-2.79E-03	1.68E-03	5.02E-03		1.80E-03	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Iodine-131	4.53E-03	4.02E-03	1.42E-02		4.16E-03	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Iodine-131	3.42E-04	2.56E-03	8.74E-03		2.56E-03	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Iron-59	1.58E-04	5.91E-04	2.03E-03		5.92E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Iron-59	5.80E-04	3.98E-04	1.54E-03		4.21E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Iron-59	-1.51E-04	5.81E-04	1.90E-03		5.82E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Iron-59	6.08E-05	4.76E-04	1.58E-03		4.76E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Lanthanum-140	1.91E-03	1.82E-03	7.04E-03		1.87E-03	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Lanthanum-140	-7.29E-04	1.21E-03	3.66E-03		1.22E-03	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Lanthanum-140	-1.99E-03	1.87E-03	4.81E-03		1.92E-03	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Lanthanum-140	-1.12E-03	1.25E-03	3.52E-03		1.28E-03	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Manganese-54	-1.14E-04	1.77E-04	5.33E-04		1.79E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Manganese-54	-1.21E-04	1.40E-04	4.07E-04		1.42E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Manganese-54	-7.92E-05	1.44E-04	4.22E-04		1.45E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Manganese-54	4.08E-05	1.30E-04	4.33E-04		1.31E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Niobium-95	3.06E-04	2.17E-04	8.10E-04		2.29E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Niobium-95	-1.26E-04	1.85E-04	5.64E-04		1.88E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Niobium-95	1.13E-04	1.94E-04	6.65E-04		1.96E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Niobium-95	5.45E-05	1.63E-04	5.46E-04		1.63E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Potassium-40	2.83E-03	2.82E-03	1.07E-02		2.90E-03	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Potassium-40	1.04E-02	4.52E-03	5.15E-03		4.55E-03	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Potassium-40	5.10E-03	4.42E-03	6.77E-03		4.42E-03	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Potassium-40	1.35E-02	3.10E-03	3.18E-03		3.18E-03	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Ruthenium-103	9.64E-05	2.40E-04	7.93E-04		2.41E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Ruthenium-103	-6.65E-06	1.79E-04	6.03E-04		1.79E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Ruthenium-103	4.03E-06	2.73E-04	8.91E-04		2.73E-04	pCi/m3	U

API-2(608967002) - A.P. Gross Beta	27-Dec-22	Ruthenium-103	1.51E-04	2.06E-04	7.21E-04		2.09E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Ruthenium-106	1.82E-04	1.52E-03	5.11E-03		1.52E-03	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Ruthenium-106	1.29E-04	1.22E-03	4.09E-03		1.22E-03	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Ruthenium-106	-1.88E-03	1.41E-03	3.91E-03		1.48E-03	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Ruthenium-106	-5.55E-04	1.09E-03	3.41E-03		1.10E-03	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Selenium-75	6.67E-05	1.73E-04	5.97E-04		1.74E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Selenium-75	-9.47E-05	1.77E-04	5.39E-04		1.78E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Selenium-75	-3.18E-05	1.96E-04	6.50E-04		1.96E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Selenium-75	-9.15E-05	1.36E-04	4.51E-04		1.38E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Silver-108m	-9.05E-05	1.13E-04	3.40E-04		1.15E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Silver-108m	5.32E-05	1.06E-04	3.39E-04		1.06E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Silver-108m	5.38E-05	1.17E-04	3.98E-04		1.18E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Silver-108m	4.91E-05	9.66E-05	3.21E-04		9.73E-05	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Silver-110m	5.37E-04	1.98E-04	8.25E-04		2.35E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Silver-110m	1.26E-04	1.97E-04	6.31E-04		1.99E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Silver-110m	2.50E-04	2.30E-04	8.24E-04		2.37E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Silver-110m	1.22E-04	1.63E-04	5.73E-04		1.66E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Zinc-65	-1.50E-04	4.41E-04	1.20E-03		4.42E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Zinc-65	-4.12E-04	3.17E-04	7.88E-04		3.31E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Zinc-65	-5.43E-04	3.90E-04	1.09E-03		4.10E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Zinc-65	7.75E-04	3.31E-04	1.35E-03		3.77E-04	pCi/m3	U
API-2(579326002) - A.P. Gross Beta	30-Mar-22	Zirconium-95	-4.15E-06	3.70E-04	1.21E-03		3.70E-04	pCi/m3	U
API-2(587809002) - A.P. Gross Beta	28-Jun-22	Zirconium-95	-8.27E-05	2.60E-04	8.15E-04		2.60E-04	pCi/m3	U
API-2(599202002) - A.P. Gross Beta	27-Sep-22	Zirconium-95	-7.43E-05	3.84E-04	1.20E-03		3.84E-04	pCi/m3	U
API-2(608967002) - A.P. Gross Beta	27-Dec-22	Zirconium-95	3.02E-04	3.39E-04	1.19E-03		3.47E-04	pCi/m3	U

API-3

A.C. Iodine

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-3(566527009) - A.C. Iodine	4-Jan-22	Iodine-131	5.93E-03	3.41E-03	1.25E-02	7.00E-02	3.69E-03	pCi/m3	U
API-3(567492009) - A.C. Iodine	11-Jan-22	Iodine-131	-4.06E-03	4.53E-03	1.26E-02	7.00E-02	4.63E-03	pCi/m3	U
API-3(567962009) - A.C. Iodine	18-Jan-22	Iodine-131	-7.00E-03	4.41E-03	1.24E-02	7.00E-02	4.71E-03	pCi/m3	U
API-3(568655009) - A.C. Iodine	25-Jan-22	Iodine-131	8.07E-03	5.54E-03	8.07E-03	7.00E-02	5.57E-03	pCi/m3	UI
API-3(569337009) - A.C. Iodine	1-Feb-22	Iodine-131	5.08E-03	4.45E-03	1.63E-02	7.00E-02	4.61E-03	pCi/m3	U
API-3(570005009) - A.C. Iodine	8-Feb-22	Iodine-131	-5.28E-04	4.14E-03	1.34E-02	7.00E-02	4.14E-03	pCi/m3	U
API-3(570716009) - A.C. Iodine	15-Feb-22	Iodine-131	-4.21E-03	3.54E-03	9.71E-03	7.00E-02	3.67E-03	pCi/m3	U
API-3(571211009) - A.C. Iodine	21-Feb-22	Iodine-131	1.13E-03	4.75E-03	1.61E-02	7.00E-02	4.76E-03	pCi/m3	U
API-3(571858009) - A.C. Iodine	28-Feb-22	Iodine-131	6.57E-03	3.54E-03	1.34E-02	7.00E-02	3.86E-03	pCi/m3	U
API-3(572910009) - A.C. Iodine	8-Mar-22	Iodine-131	1.44E-04	9.26E-03	2.85E-02	7.00E-02	9.26E-03	pCi/m3	U

API-3(573463009) - A.C. Iodine	15-Mar-22	Iodine-131	-1.06E-03	4.60E-03	1.52E-02	7.00E-02	4.61E-03	pCi/m3	U
API-3(574346009) - A.C. Iodine	22-Mar-22	Iodine-131	5.83E-04	6.78E-03	2.33E-02	7.00E-02	6.78E-03	pCi/m3	U
API-3(575360009) - A.C. Iodine	30-Mar-22	Iodine-131	-1.66E-03	5.90E-03	1.92E-02	7.00E-02	5.91E-03	pCi/m3	U
API-3(575551009) - A.C. Iodine	5-Apr-22	Iodine-131	2.24E-03	5.52E-03	1.91E-02	7.00E-02	5.55E-03	pCi/m3	U
API-3(576755009) - A.C. Iodine	12-Apr-22	Iodine-131	-3.53E-03	4.00E-03	1.22E-02	7.00E-02	4.08E-03	pCi/m3	U
API-3(577423009) - A.C. Iodine	19-Apr-22	Iodine-131	-3.50E-03	5.38E-03	1.64E-02	7.00E-02	5.44E-03	pCi/m3	U
API-3(578259009) - A.C. Iodine	26-Apr-22	Iodine-131	4.40E-03	5.13E-03	1.75E-02	7.00E-02	5.24E-03	pCi/m3	U
API-3(578875009) - A.C. Iodine	3-May-22	Iodine-131	4.75E-03	5.87E-03	1.97E-02	7.00E-02	5.97E-03	pCi/m3	U
API-3(579713009) - A.C. Iodine	10-May-22	Iodine-131	-5.89E-03	7.34E-03	2.31E-02	7.00E-02	7.46E-03	pCi/m3	U
API-3(580274009) - A.C. Iodine	17-May-22	Iodine-131	4.99E-03	4.94E-03	1.77E-02	7.00E-02	5.08E-03	pCi/m3	U
API-3(580939009) - A.C. Iodine	23-May-22	Iodine-131	1.21E-05	4.70E-03	1.55E-02	7.00E-02	4.70E-03	pCi/m3	U
API-3(581485009) - A.C. Iodine	31-May-22	Iodine-131	3.24E-03	2.31E-03	8.73E-03	7.00E-02	2.43E-03	pCi/m3	U
API-3(582286009) - A.C. Iodine	7-Jun-22	Iodine-131	2.53E-03	5.52E-03	1.81E-02	7.00E-02	5.55E-03	pCi/m3	U
API-3(583027009) - A.C. Iodine	14-Jun-22	Iodine-131	-2.60E-03	4.37E-03	1.34E-02	7.00E-02	4.41E-03	pCi/m3	U
API-3(583788009) - A.C. Iodine	21-Jun-22	Iodine-131	3.26E-03	5.75E-03	2.08E-02	7.00E-02	5.80E-03	pCi/m3	U
API-3(584402009) - A.C. Iodine	28-Jun-22	Iodine-131	6.53E-03	4.57E-03	1.83E-02	7.00E-02	4.82E-03	pCi/m3	U
API-3(585241009) - A.C. Iodine	5-Jul-22	Iodine-131	-9.98E-04	7.60E-03	2.45E-02	7.00E-02	7.61E-03	pCi/m3	U
API-3(585820009) - A.C. Iodine	12-Jul-22	Iodine-131	-9.30E-03	6.37E-03	1.85E-02	7.00E-02	6.73E-03	pCi/m3	U
API-3(587180009) - A.C. Iodine	19-Jul-22	Iodine-131	-2.76E-03	5.86E-03	1.89E-02	7.00E-02	5.89E-03	pCi/m3	U
API-3(587533009) - A.C. Iodine	26-Jul-22	Iodine-131	-1.14E-03	5.26E-03	1.72E-02	7.00E-02	5.27E-03	pCi/m3	U
API-3(588189009) - A.C. Iodine	2-Aug-22	Iodine-131	-6.26E-03	4.24E-03	1.26E-02	7.00E-02	4.49E-03	pCi/m3	U
API-3(589725009) - A.C. Iodine	9-Aug-22	Iodine-131	1.78E-02	7.85E-03	3.15E-02	7.00E-02	8.88E-03	pCi/m3	U
API-3(589890009) - A.C. Iodine	16-Aug-22	Iodine-131	-4.98E-04	4.73E-03	1.50E-02	7.00E-02	4.73E-03	pCi/m3	U
API-3(590758009) - A.C. Iodine	23-Aug-22	Iodine-131	-2.27E-02	1.77E-02	5.57E-02	7.00E-02	1.85E-02	pCi/m3	U
API-3(591553009) - A.C. Iodine	29-Aug-22	Iodine-131	-1.44E-03	3.76E-03	1.21E-02	7.00E-02	3.77E-03	pCi/m3	U
API-3(592124009) - A.C. Iodine	6-Sep-22	Iodine-131	-4.58E-05	1.93E-03	6.63E-03	7.00E-02	1.93E-03	pCi/m3	U
API-3(593570009) - A.C. Iodine	13-Sep-22	Iodine-131	-7.48E-03	6.31E-03	1.93E-02	7.00E-02	6.55E-03	pCi/m3	U
API-3(594026009) - A.C. Iodine	19-Sep-22	Iodine-131	-4.98E-03	4.51E-03	1.31E-02	7.00E-02	4.66E-03	pCi/m3	U
API-3(594705009) - A.C. Iodine	27-Sep-22	Iodine-131	-5.50E-04	9.07E-03	3.06E-02	7.00E-02	9.07E-03	pCi/m3	U
API-3(595755009) - A.C. Iodine	4-Oct-22	Iodine-131	-9.19E-04	5.73E-03	1.90E-02	7.00E-02	5.73E-03	pCi/m3	U
API-3(596623009) - A.C. Iodine	11-Oct-22	Iodine-131	1.07E-02	1.02E-02	3.73E-02	7.00E-02	1.05E-02	pCi/m3	U
API-3(597446009) - A.C. Iodine	18-Oct-22	Iodine-131	1.82E-04	5.00E-03	1.68E-02	7.00E-02	5.00E-03	pCi/m3	U
API-3(598220009) - A.C. Iodine	25-Oct-22	Iodine-131	-4.36E-03	5.64E-03	1.54E-02	7.00E-02	5.73E-03	pCi/m3	U
API-3(599173009) - A.C. Iodine	1-Nov-22	Iodine-131	5.18E-04	3.43E-03	1.11E-02	7.00E-02	3.43E-03	pCi/m3	U
API-3(600098009) - A.C. Iodine	8-Nov-22	Iodine-131	-4.44E-03	5.15E-03	1.55E-02	7.00E-02	5.25E-03	pCi/m3	U
API-3(601009009) - A.C. Iodine	15-Nov-22	Iodine-131	-1.15E-02	9.91E-03	2.45E-02	7.00E-02	1.03E-02	pCi/m3	U
API-3(601905009) - A.C. Iodine	22-Nov-22	Iodine-131	-4.70E-03	5.97E-03	1.78E-02	7.00E-02	6.07E-03	pCi/m3	U
API-3(602353009) - A.C. Iodine	29-Nov-22	Iodine-131	6.03E-04	2.59E-03	8.67E-03	7.00E-02	2.60E-03	pCi/m3	U
API-3(603091009) - A.C. Iodine	6-Dec-22	Iodine-131	-1.35E-03	4.38E-03	1.43E-02	7.00E-02	4.40E-03	pCi/m3	U

API-3(604120009) - A.C. Iodine	13-Dec-22	Iodine-131	1.85E-03	4.01E-03	1.43E-02	7.00E-02	4.03E-03	pCi/m3	U
API-3(604995009) - A.C. Iodine	20-Dec-22	Iodine-131	7.28E-03	7.01E-03	2.57E-02	7.00E-02	7.21E-03	pCi/m3	U
API-3(605373009) - A.C. Iodine	27-Dec-22	Iodine-131	-3.83E-02	1.34E-02	2.76E-02	7.00E-02	1.61E-02	pCi/m3	U

API-3

A.P. Gross Beta

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Actinium-228	2.20E-04	6.90E-04	2.27E-03		6.92E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Actinium-228	2.49E-03	1.13E-03	2.89E-03		1.28E-03	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Actinium-228	-3.46E-04	7.81E-04	2.50E-03		7.85E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Actinium-228	1.23E-03	9.42E-04	3.02E-03		9.86E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Antimony-124	-5.43E-04	5.89E-04	1.61E-03		6.03E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Antimony-124	5.40E-04	6.71E-04	2.42E-03		6.83E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Antimony-124	1.62E-04	6.46E-04	2.18E-03		6.47E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Antimony-124	1.87E-04	5.13E-04	1.78E-03		5.15E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Antimony-125	-9.08E-05	3.61E-04	1.21E-03		3.62E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Antimony-125	-6.38E-04	3.74E-04	1.12E-03		4.03E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Antimony-125	-2.91E-04	4.37E-04	1.33E-03		4.42E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Antimony-125	-1.43E-04	3.66E-04	1.18E-03		3.68E-04	pCi/m3	U
API-3(566527003) - A.P. Gross Beta	4-Jan-22	BETA	3.38E-02	2.62E-03	3.39E-03	1.00E-02	2.63E-03	pCi/m3	
API-3(567492003) - A.P. Gross Beta	11-Jan-22	BETA	5.65E-02	3.28E-03	3.27E-03	1.00E-02	3.29E-03	pCi/m3	
API-3(567962003) - A.P. Gross Beta	18-Jan-22	BETA	5.81E-02	3.28E-03	3.18E-03	1.00E-02	3.29E-03	pCi/m3	
API-3(568655003) - A.P. Gross Beta	25-Jan-22	BETA	4.42E-02	2.94E-03	3.44E-03	1.00E-02	2.94E-03	pCi/m3	
API-3(569337003) - A.P. Gross Beta	1-Feb-22	BETA	5.52E-02	3.18E-03	2.98E-03	1.00E-02	3.18E-03	pCi/m3	
API-3(570005003) - A.P. Gross Beta	8-Feb-22	BETA	5.79E-02	3.29E-03	3.35E-03	1.00E-02	3.30E-03	pCi/m3	
API-3(570716003) - A.P. Gross Beta	15-Feb-22	BETA	4.09E-02	2.84E-03	3.54E-03	1.00E-02	2.85E-03	pCi/m3	
API-3(571211003) - A.P. Gross Beta	21-Feb-22	BETA	5.51E-02	3.53E-03	3.69E-03	1.00E-02	3.54E-03	pCi/m3	
API-3(571858003) - A.P. Gross Beta	28-Feb-22	BETA	4.28E-02	2.90E-03	3.52E-03	1.00E-02	2.90E-03	pCi/m3	
API-3(572910003) - A.P. Gross Beta	8-Mar-22	BETA	4.88E-02	2.78E-03	2.79E-03	1.00E-02	2.78E-03	pCi/m3	
API-3(573463003) - A.P. Gross Beta	15-Mar-22	BETA	5.16E-02	3.16E-03	3.29E-03	1.00E-02	3.17E-03	pCi/m3	
API-3(574346003) - A.P. Gross Beta	22-Mar-22	BETA	4.67E-02	3.00E-03	3.10E-03	1.00E-02	3.01E-03	pCi/m3	
API-3(575360003) - A.P. Gross Beta	30-Mar-22	BETA	2.71E-02	2.20E-03	2.82E-03	1.00E-02	2.20E-03	pCi/m3	
API-3(575551003) - A.P. Gross Beta	5-Apr-22	BETA	3.72E-02	2.98E-03	4.04E-03	1.00E-02	2.98E-03	pCi/m3	
API-3(576755003) - A.P. Gross Beta	12-Apr-22	BETA	2.85E-02	2.39E-03	3.18E-03	1.00E-02	2.40E-03	pCi/m3	
API-3(577423003) - A.P. Gross Beta	19-Apr-22	BETA	3.51E-02	2.64E-03	3.12E-03	1.00E-02	2.64E-03	pCi/m3	
API-3(578259003) - A.P. Gross Beta	26-Apr-22	BETA	3.54E-02	2.63E-03	3.19E-03	1.00E-02	2.63E-03	pCi/m3	
API-3(578875003) - A.P. Gross Beta	3-May-22	BETA	3.76E-02	2.65E-03	3.04E-03	1.00E-02	2.65E-03	pCi/m3	
API-3(579713003) - A.P. Gross Beta	10-May-22	BETA	3.46E-02	2.65E-03	3.54E-03	1.00E-02	2.65E-03	pCi/m3	
API-3(580274003) - A.P. Gross Beta	17-May-22	BETA	3.42E-02	2.64E-03	3.31E-03	1.00E-02	2.64E-03	pCi/m3	

API-3(580939003) - A.P. Gross Beta	23-May-22	BETA	3.22E-02	2.84E-03	3.93E-03	1.00E-02	2.84E-03	pCi/m3	
API-3(581485003) - A.P. Gross Beta	31-May-22	BETA	1.87E-02	1.68E-03	2.56E-03	1.00E-02	1.68E-03	pCi/m3	
API-3(582286003) - A.P. Gross Beta	7-Jun-22	BETA	2.64E-02	2.10E-03	2.93E-03	1.00E-02	2.10E-03	pCi/m3	
API-3(583027003) - A.P. Gross Beta	14-Jun-22	BETA	2.04E-02	1.87E-03	2.92E-03	1.00E-02	1.87E-03	pCi/m3	
API-3(583788003) - A.P. Gross Beta	21-Jun-22	BETA	3.11E-02	2.19E-03	2.57E-03	1.00E-02	2.19E-03	pCi/m3	
API-3(584402003) - A.P. Gross Beta	28-Jun-22	BETA	2.15E-02	1.87E-03	2.59E-03	1.00E-02	1.87E-03	pCi/m3	
API-3(585241003) - A.P. Gross Beta	5-Jul-22	BETA	3.16E-02	2.19E-03	2.47E-03	1.00E-02	2.19E-03	pCi/m3	
API-3(585820003) - A.P. Gross Beta	12-Jul-22	BETA	2.39E-02	2.11E-03	2.86E-03	1.00E-02	2.11E-03	pCi/m3	
API-3(587180003) - A.P. Gross Beta	19-Jul-22	BETA	2.80E-02	2.00E-03	2.66E-03	1.00E-02	2.00E-03	pCi/m3	
API-3(587533003) - A.P. Gross Beta	26-Jul-22	BETA	3.00E-02	2.20E-03	2.94E-03	1.00E-02	2.21E-03	pCi/m3	
API-3(588189003) - A.P. Gross Beta	2-Aug-22	BETA	2.36E-02	1.93E-03	2.54E-03	1.00E-02	1.93E-03	pCi/m3	
API-3(589725003) - A.P. Gross Beta	9-Aug-22	BETA	2.63E-02	2.02E-03	2.53E-03	1.00E-02	2.03E-03	pCi/m3	
API-3(589890003) - A.P. Gross Beta	16-Aug-22	BETA	2.47E-02	1.98E-03	2.56E-03	1.00E-02	1.98E-03	pCi/m3	
API-3(590758003) - A.P. Gross Beta	23-Aug-22	BETA	2.95E-02	2.11E-03	2.47E-03	1.00E-02	2.12E-03	pCi/m3	
API-3(591553003) - A.P. Gross Beta	29-Aug-22	BETA	3.04E-02	2.33E-03	2.83E-03	1.00E-02	2.33E-03	pCi/m3	
API-3(592124003) - A.P. Gross Beta	6-Sep-22	BETA	2.58E-02	1.90E-03	2.46E-03	1.00E-02	1.91E-03	pCi/m3	
API-3(593570003) - A.P. Gross Beta	13-Sep-22	BETA	2.66E-02	2.09E-03	2.82E-03	1.00E-02	2.09E-03	pCi/m3	
API-3(594026003) - A.P. Gross Beta	19-Sep-22	BETA	4.30E-02	2.79E-03	3.27E-03	1.00E-02	2.80E-03	pCi/m3	
API-3(594705003) - A.P. Gross Beta	27-Sep-22	BETA	2.89E-02	1.95E-03	2.16E-03	1.00E-02	1.95E-03	pCi/m3	
API-3(595755003) - A.P. Gross Beta	4-Oct-22	BETA	2.20E-02	1.93E-03	2.80E-03	1.00E-02	1.93E-03	pCi/m3	
API-3(596623003) - A.P. Gross Beta	11-Oct-22	BETA	3.46E-02	2.28E-03	2.52E-03	1.00E-02	2.28E-03	pCi/m3	
API-3(597446003) - A.P. Gross Beta	18-Oct-22	BETA	3.28E-02	2.28E-03	2.79E-03	1.00E-02	2.28E-03	pCi/m3	
API-3(598220003) - A.P. Gross Beta	25-Oct-22	BETA	4.61E-02	2.65E-03	2.87E-03	1.00E-02	2.65E-03	pCi/m3	
API-3(599173003) - A.P. Gross Beta	1-Nov-22	BETA	2.87E-02	2.17E-03	2.90E-03	1.00E-02	2.17E-03	pCi/m3	
API-3(600098003) - A.P. Gross Beta	8-Nov-22	BETA	4.11E-02	2.48E-03	2.50E-03	1.00E-02	2.48E-03	pCi/m3	
API-3(601009003) - A.P. Gross Beta	15-Nov-22	BETA	2.47E-02	1.97E-03	2.47E-03	1.00E-02	1.97E-03	pCi/m3	
API-3(601905003) - A.P. Gross Beta	22-Nov-22	BETA	3.79E-02	2.40E-03	2.52E-03	1.00E-02	2.40E-03	pCi/m3	
API-3(602353003) - A.P. Gross Beta	29-Nov-22	BETA	5.84E-02	2.90E-03	2.45E-03	1.00E-02	2.91E-03	pCi/m3	
API-3(603091003) - A.P. Gross Beta	6-Dec-22	BETA	4.06E-02	2.50E-03	2.79E-03	1.00E-02	2.51E-03	pCi/m3	
API-3(604120003) - A.P. Gross Beta	13-Dec-22	BETA	5.28E-02	2.76E-03	2.52E-03	1.00E-02	2.77E-03	pCi/m3	
API-3(604995003) - A.P. Gross Beta	20-Dec-22	BETA	3.51E-02	2.29E-03	2.46E-03	1.00E-02	2.30E-03	pCi/m3	
API-3(605373003) - A.P. Gross Beta	27-Dec-22	BETA	3.97E-02	2.43E-03	2.48E-03	1.00E-02	2.43E-03	pCi/m3	
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Barium-140	-2.22E-03	5.16E-03	1.68E-02		5.19E-03	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Barium-140	1.95E-03	3.15E-03	1.09E-02		3.18E-03	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Barium-140	5.01E-03	4.44E-03	1.54E-02		4.60E-03	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Barium-140	4.03E-03	3.71E-03	1.32E-02		3.83E-03	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Beryllium-7	7.45E-02	5.47E-03	5.72E-03		6.66E-03	pCi/m3	
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Beryllium-7	6.79E-02	5.75E-03	5.67E-03		6.68E-03	pCi/m3	
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Beryllium-7	5.12E-02	4.88E-03	5.83E-03		5.56E-03	pCi/m3	

API-3(608967003) - A.P. Gross Beta	27-Dec-22	Beryllium-7	4.56E-02	5.55E-03	5.08E-03		5.98E-03	pCi/m3	
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Cerium-141	-5.25E-05	4.36E-04	1.34E-03		4.36E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Cerium-141	-8.14E-04	3.77E-04	9.47E-04		4.22E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Cerium-141	1.74E-04	5.98E-04	1.11E-03		5.98E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Cerium-141	1.01E-04	5.16E-04	8.95E-04		5.16E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Cerium-144	1.48E-04	6.54E-04	2.17E-03		6.55E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Cerium-144	2.32E-04	6.43E-04	2.12E-03		6.45E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Cerium-144	3.06E-06	7.35E-04	2.43E-03		7.35E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Cerium-144	1.13E-03	7.25E-04	2.50E-03		7.72E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Cesium-134	1.69E-05	1.58E-04	5.25E-04	5.00E-02	1.58E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Cesium-134	-4.95E-05	1.98E-04	6.28E-04	5.00E-02	1.99E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Cesium-134	-2.32E-04	1.87E-04	4.95E-04	5.00E-02	1.95E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Cesium-134	-2.11E-05	1.57E-04	4.92E-04	5.00E-02	1.57E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Cesium-137	-9.33E-05	1.63E-04	5.12E-04	6.00E-02	1.64E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Cesium-137	-2.67E-05	1.74E-04	5.08E-04	6.00E-02	1.74E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Cesium-137	2.83E-04	3.62E-04	5.43E-04	6.00E-02	3.63E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Cesium-137	-9.61E-05	1.77E-04	4.85E-04	6.00E-02	1.79E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Chromium-51	6.12E-03	2.59E-03	9.29E-03		2.61E-03	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Chromium-51	1.37E-03	2.25E-03	7.95E-03		2.27E-03	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Chromium-51	-3.88E-03	2.74E-03	8.06E-03		2.89E-03	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Chromium-51	5.27E-03	4.37E-03	5.62E-03		4.38E-03	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Cobalt-57	-3.51E-05	7.17E-05	2.28E-04		7.22E-05	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Cobalt-57	-2.26E-05	8.42E-05	2.70E-04		8.44E-05	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Cobalt-57	3.29E-05	9.68E-05	3.26E-04		9.71E-05	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Cobalt-57	6.21E-05	8.62E-05	2.87E-04		8.75E-05	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Cobalt-58	1.04E-04	1.59E-04	5.73E-04		1.61E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Cobalt-58	2.12E-05	2.29E-04	7.46E-04		2.29E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Cobalt-58	1.32E-04	2.13E-04	7.55E-04		2.15E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Cobalt-58	-3.33E-04	2.03E-04	5.09E-04		2.18E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Cobalt-60	1.21E-04	1.26E-04	5.00E-04		1.29E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Cobalt-60	1.37E-04	2.01E-04	7.20E-04		2.04E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Cobalt-60	-5.05E-05	1.97E-04	6.26E-04		1.97E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Cobalt-60	-9.14E-05	1.92E-04	5.97E-04		1.93E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Iodine-131	-1.48E-03	5.42E-03	1.64E-02		5.43E-03	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Iodine-131	3.16E-04	2.59E-03	8.86E-03		2.59E-03	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Iodine-131	8.01E-04	3.82E-03	1.25E-02		3.83E-03	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Iodine-131	1.12E-03	3.58E-03	1.11E-02		3.59E-03	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Iron-59	-1.10E-03	5.61E-04	1.16E-03		6.20E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Iron-59	2.91E-04	4.93E-04	1.77E-03		4.98E-04	pCi/m3	U

API-3(599202003) - A.P. Gross Beta	27-Sep-22	Iron-59	-3.10E-04	6.53E-04	2.07E-03		6.57E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Iron-59	-2.41E-05	4.11E-04	1.37E-03		4.11E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Lanthanum-140	1.73E-03	2.52E-03	8.41E-03		2.55E-03	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Lanthanum-140	8.47E-04	1.14E-03	4.18E-03		1.16E-03	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Lanthanum-140	-3.84E-03	2.11E-03	5.18E-03		2.29E-03	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Lanthanum-140	-3.59E-04	1.43E-03	4.48E-03		1.44E-03	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Manganese-54	1.43E-04	1.82E-04	6.42E-04		1.85E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Manganese-54	2.82E-04	1.99E-04	6.62E-04		2.09E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Manganese-54	1.56E-04	1.79E-04	6.10E-04		1.83E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Manganese-54	7.99E-05	1.68E-04	5.60E-04		1.69E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Niobium-95	-3.23E-04	2.71E-04	7.60E-04		2.82E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Niobium-95	3.20E-04	2.32E-04	8.34E-04		2.43E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Niobium-95	1.25E-04	3.04E-04	9.92E-04		3.05E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Niobium-95	3.32E-04	3.45E-04	8.20E-04		3.46E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Potassium-40	1.19E-02	4.42E-03	4.41E-03		4.47E-03	pCi/m3	
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Potassium-40	5.38E-03	2.88E-03	7.05E-03		2.89E-03	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Potassium-40	5.50E-03	4.24E-03	5.50E-03		4.26E-03	pCi/m3	UI
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Potassium-40	7.07E-03	4.12E-03	7.07E-03		4.14E-03	pCi/m3	UI
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Ruthenium-103	6.37E-05	2.29E-04	7.96E-04		2.30E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Ruthenium-103	-8.97E-05	2.07E-04	6.69E-04		2.08E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Ruthenium-103	-2.05E-04	2.82E-04	8.46E-04		2.86E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Ruthenium-103	-4.18E-07	2.45E-04	8.07E-04		2.45E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Ruthenium-106	1.42E-03	1.47E-03	5.31E-03		1.51E-03	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Ruthenium-106	1.27E-03	1.47E-03	5.15E-03		1.50E-03	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Ruthenium-106	-1.71E-03	1.41E-03	4.30E-03		1.46E-03	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Ruthenium-106	3.80E-03	2.05E-03	3.80E-03		2.08E-03	pCi/m3	UI
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Selenium-75	-2.98E-04	1.99E-04	5.55E-04		2.11E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Selenium-75	4.16E-04	1.98E-04	6.95E-04		2.21E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Selenium-75	-5.09E-05	1.83E-04	5.85E-04		1.83E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Selenium-75	2.15E-05	1.88E-04	6.44E-04		1.88E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Silver-108m	2.69E-05	1.24E-04	4.31E-04		1.25E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Silver-108m	-1.54E-04	1.66E-04	4.86E-04		1.70E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Silver-108m	-6.77E-05	1.35E-04	3.62E-04		1.36E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Silver-108m	-1.20E-04	1.14E-04	3.45E-04		1.17E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Silver-110m	9.69E-06	2.26E-04	7.42E-04		2.26E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Silver-110m	2.72E-05	2.19E-04	7.12E-04		2.19E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Silver-110m	-2.15E-04	2.59E-04	8.03E-04		2.64E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Silver-110m	2.03E-04	4.45E-04	6.13E-04		4.48E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Zinc-65	-4.65E-05	3.95E-04	1.25E-03		3.95E-04	pCi/m3	U

API-3(587809003) - A.P. Gross Beta	28-Jun-22	Zinc-65	-4.93E-04	3.76E-04	1.10E-03		3.93E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Zinc-65	-2.53E-04	4.13E-04	1.28E-03		4.17E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Zinc-65	-5.70E-04	4.09E-04	1.01E-03		4.30E-04	pCi/m3	U
API-3(579326003) - A.P. Gross Beta	30-Mar-22	Zirconium-95	6.21E-05	4.02E-04	1.35E-03		4.02E-04	pCi/m3	U
API-3(587809003) - A.P. Gross Beta	28-Jun-22	Zirconium-95	-1.93E-04	3.79E-04	1.17E-03		3.81E-04	pCi/m3	U
API-3(599202003) - A.P. Gross Beta	27-Sep-22	Zirconium-95	7.21E-04	3.97E-04	1.54E-03		4.33E-04	pCi/m3	U
API-3(608967003) - A.P. Gross Beta	27-Dec-22	Zirconium-95	-2.33E-04	3.72E-04	1.11E-03		3.76E-04	pCi/m3	U

API-4

A.C. Iodine

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-4(566527010) - A.C. Iodine	4-Jan-22	Iodine-131	-3.39E-03	3.18E-03	9.67E-03	7.00E-02	3.28E-03	pCi/m3	U
API-4(567492010) - A.C. Iodine	11-Jan-22	Iodine-131	-4.57E-04	3.60E-03	1.10E-02	7.00E-02	3.60E-03	pCi/m3	U
API-4(567962010) - A.C. Iodine	18-Jan-22	Iodine-131	-1.18E-02	4.02E-03	7.40E-03	7.00E-02	4.89E-03	pCi/m3	U
API-4(568655010) - A.C. Iodine	25-Jan-22	Iodine-131	-2.57E-03	3.91E-03	1.22E-02	7.00E-02	3.96E-03	pCi/m3	U
API-4(569337010) - A.C. Iodine	1-Feb-22	Iodine-131	-6.91E-04	4.71E-03	1.58E-02	7.00E-02	4.71E-03	pCi/m3	U
API-4(570005010) - A.C. Iodine	8-Feb-22	Iodine-131	-5.85E-03	2.68E-03	6.97E-03	7.00E-02	3.01E-03	pCi/m3	U
API-4(570716010) - A.C. Iodine	15-Feb-22	Iodine-131	8.96E-03	3.98E-03	1.58E-02	7.00E-02	4.50E-03	pCi/m3	U
API-4(571211010) - A.C. Iodine	21-Feb-22	Iodine-131	5.72E-03	6.73E-03	2.43E-02	7.00E-02	6.86E-03	pCi/m3	U
API-4(571858010) - A.C. Iodine	28-Feb-22	Iodine-131	1.92E-03	3.27E-03	1.13E-02	7.00E-02	3.30E-03	pCi/m3	U
API-4(572910010) - A.C. Iodine	8-Mar-22	Iodine-131	2.66E-02	1.00E-02	2.66E-02	7.00E-02	1.01E-02	pCi/m3	UI
API-4(573463010) - A.C. Iodine	15-Mar-22	Iodine-131	1.83E-03	5.61E-03	1.91E-02	7.00E-02	5.63E-03	pCi/m3	U
API-4(574346010) - A.C. Iodine	22-Mar-22	Iodine-131	-2.12E-03	3.61E-03	1.15E-02	7.00E-02	3.64E-03	pCi/m3	U
API-4(575360010) - A.C. Iodine	30-Mar-22	Iodine-131	6.93E-03	5.07E-03	1.93E-02	7.00E-02	5.32E-03	pCi/m3	U
API-4(575551010) - A.C. Iodine	5-Apr-22	Iodine-131	-1.12E-03	5.54E-03	1.75E-02	7.00E-02	5.54E-03	pCi/m3	U
API-4(576755010) - A.C. Iodine	12-Apr-22	Iodine-131	-7.40E-04	3.25E-03	9.73E-03	7.00E-02	3.25E-03	pCi/m3	U
API-4(577423010) - A.C. Iodine	19-Apr-22	Iodine-131	-1.45E-02	8.48E-03	1.86E-02	7.00E-02	9.13E-03	pCi/m3	U
API-4(578259010) - A.C. Iodine	26-Apr-22	Iodine-131	-1.76E-03	4.33E-03	1.41E-02	7.00E-02	4.35E-03	pCi/m3	U
API-4(578875010) - A.C. Iodine	3-May-22	Iodine-131	4.34E-03	4.89E-03	1.71E-02	7.00E-02	5.00E-03	pCi/m3	U
API-4(579713010) - A.C. Iodine	10-May-22	Iodine-131	5.03E-03	6.04E-03	2.21E-02	7.00E-02	6.15E-03	pCi/m3	U
API-4(580274010) - A.C. Iodine	17-May-22	Iodine-131	2.63E-03	3.46E-03	1.27E-02	7.00E-02	3.51E-03	pCi/m3	U
API-4(580939010) - A.C. Iodine	23-May-22	Iodine-131	-3.30E-03	4.01E-03	1.20E-02	7.00E-02	4.08E-03	pCi/m3	U
API-4(581485010) - A.C. Iodine	31-May-22	Iodine-131	5.33E-03	2.79E-03	1.08E-02	7.00E-02	3.06E-03	pCi/m3	U
API-4(582286010) - A.C. Iodine	1-Jun-22	Iodine-131	-1.60E-02	1.64E-02	5.39E-02	7.00E-02	1.68E-02	pCi/m3	U
API-4(583027010) - A.C. Iodine	14-Jun-22	Iodine-131	-4.22E-03	4.78E-03	1.39E-02	7.00E-02	4.89E-03	pCi/m3	U
API-4(583788010) - A.C. Iodine	21-Jun-22	Iodine-131	1.08E-02	5.88E-03	2.38E-02	7.00E-02	6.40E-03	pCi/m3	U
API-4(584402010) - A.C. Iodine	28-Jun-22	Iodine-131	1.43E-05	6.33E-03	2.13E-02	7.00E-02	6.33E-03	pCi/m3	U
API-4(585241010) - A.C. Iodine	5-Jul-22	Iodine-131	-2.61E-03	4.56E-03	1.47E-02	7.00E-02	4.60E-03	pCi/m3	U
API-4(585820010) - A.C. Iodine	12-Jul-22	Iodine-131	-1.01E-02	7.87E-03	1.98E-02	7.00E-02	8.22E-03	pCi/m3	U

API-4(587180010) - A.C. Iodine	19-Jul-22	Iodine-131	-2.57E-03	1.05E-02	3.46E-02	7.00E-02	1.05E-02	pCi/m3	U
API-4(587533010) - A.C. Iodine	26-Jul-22	Iodine-131	0.00E+00	4.88E-03	1.52E-02	7.00E-02	0.00E+00	pCi/m3	U
API-4(588189010) - A.C. Iodine	2-Aug-22	Iodine-131	4.88E-03	3.86E-03	1.41E-02	7.00E-02	4.03E-03	pCi/m3	U
API-4(589725010) - A.C. Iodine	9-Aug-22	Iodine-131	-7.65E-03	8.04E-03	2.36E-02	7.00E-02	8.23E-03	pCi/m3	U
API-4(589890010) - A.C. Iodine	16-Aug-22	Iodine-131	6.38E-04	4.34E-03	1.45E-02	7.00E-02	4.35E-03	pCi/m3	U
API-4(590758010) - A.C. Iodine	23-Aug-22	Iodine-131	-6.56E-03	1.71E-02	5.71E-02	7.00E-02	1.72E-02	pCi/m3	U
API-4(591553010) - A.C. Iodine	29-Aug-22	Iodine-131	-2.64E-04	4.06E-03	1.36E-02	7.00E-02	4.06E-03	pCi/m3	U
API-4(592124010) - A.C. Iodine	6-Sep-22	Iodine-131	-1.64E-04	2.50E-03	8.37E-03	7.00E-02	2.51E-03	pCi/m3	U
API-4(593570010) - A.C. Iodine	13-Sep-22	Iodine-131	-9.03E-03	6.33E-03	1.51E-02	7.00E-02	6.67E-03	pCi/m3	U
API-4(594026010) - A.C. Iodine	19-Sep-22	Iodine-131	-1.43E-02	4.21E-03	9.48E-03	7.00E-02	5.38E-03	pCi/m3	U
API-4(594705010) - A.C. Iodine	27-Sep-22	Iodine-131	-1.08E-02	7.47E-03	1.81E-02	7.00E-02	7.89E-03	pCi/m3	U
API-4(595755010) - A.C. Iodine	4-Oct-22	Iodine-131	3.74E-04	6.24E-03	2.12E-02	7.00E-02	6.24E-03	pCi/m3	U
API-4(596623010) - A.C. Iodine	11-Oct-22	Iodine-131	-4.98E-03	1.43E-02	4.58E-02	7.00E-02	1.43E-02	pCi/m3	U
API-4(597446010) - A.C. Iodine	18-Oct-22	Iodine-131	-2.20E-03	5.24E-03	1.60E-02	7.00E-02	5.27E-03	pCi/m3	U
API-4(598220010) - A.C. Iodine	25-Oct-22	Iodine-131	4.71E-03	6.23E-03	2.23E-02	7.00E-02	6.33E-03	pCi/m3	U
API-4(599173010) - A.C. Iodine	1-Nov-22	Iodine-131	-2.85E-03	3.42E-03	1.03E-02	7.00E-02	3.48E-03	pCi/m3	U
API-4(600098010) - A.C. Iodine	8-Nov-22	Iodine-131	-1.96E-03	4.89E-03	1.59E-02	7.00E-02	4.92E-03	pCi/m3	U
API-4(601009010) - A.C. Iodine	15-Nov-22	Iodine-131	1.12E-03	9.10E-03	3.15E-02	7.00E-02	9.10E-03	pCi/m3	U
API-4(601905010) - A.C. Iodine	22-Nov-22	Iodine-131	6.69E-03	5.01E-03	1.88E-02	7.00E-02	5.25E-03	pCi/m3	U
API-4(602353010) - A.C. Iodine	29-Nov-22	Iodine-131	4.98E-03	3.35E-03	1.29E-02	7.00E-02	3.55E-03	pCi/m3	U
API-4(603091010) - A.C. Iodine	6-Dec-22	Iodine-131	5.82E-03	2.97E-03	1.19E-02	7.00E-02	3.26E-03	pCi/m3	U
API-4(604120010) - A.C. Iodine	13-Dec-22	Iodine-131	-1.92E-03	5.29E-03	1.73E-02	7.00E-02	5.31E-03	pCi/m3	U
API-4(604995010) - A.C. Iodine	20-Dec-22	Iodine-131	-4.46E-04	9.73E-04	3.19E-03	7.00E-02	9.79E-04	pCi/m3	U
API-4(605373010) - A.C. Iodine	27-Dec-22	Iodine-131	7.09E-03	8.42E-03	3.30E-02	7.00E-02	8.58E-03	pCi/m3	U

API-4

A.P. Gross Beta

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Actinium-228	-1.01E-03	7.38E-04	1.81E-03		7.76E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Actinium-228	-4.44E-04	7.32E-04	2.17E-03		7.40E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Actinium-228	2.07E-03	6.79E-04	2.81E-03		8.38E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Actinium-228	-8.89E-04	9.39E-04	2.88E-03		9.62E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Antimony-124	-1.16E-04	5.45E-04	1.74E-03		5.46E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Antimony-124	4.88E-04	3.79E-04	1.55E-03		3.96E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Antimony-124	6.10E-04	4.64E-04	1.92E-03		4.85E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Antimony-124	-2.12E-04	5.52E-04	1.68E-03		5.54E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Antimony-125	-8.96E-05	3.34E-04	1.05E-03		3.35E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Antimony-125	-6.33E-04	3.95E-04	9.48E-04		4.22E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Antimony-125	-2.51E-04	3.42E-04	1.08E-03		3.47E-04	pCi/m3	U

API-4(608967004) - A.P. Gross Beta	27-Dec-22	Antimony-125	6.42E-04	3.54E-04	1.36E-03		3.84E-04	pCi/m3	U
API-4(566527004) - A.P. Gross Beta	4-Jan-22	BETA	5.15E-02	3.07E-03	3.16E-03	1.00E-02	3.07E-03	pCi/m3	
API-4(567492004) - A.P. Gross Beta	11-Jan-22	BETA	5.30E-02	3.16E-03	3.23E-03	1.00E-02	3.16E-03	pCi/m3	
API-4(567962004) - A.P. Gross Beta	18-Jan-22	BETA	5.93E-02	3.33E-03	3.23E-03	1.00E-02	3.34E-03	pCi/m3	
API-4(568655004) - A.P. Gross Beta	25-Jan-22	BETA	4.26E-02	2.91E-03	3.42E-03	1.00E-02	2.92E-03	pCi/m3	
API-4(569337004) - A.P. Gross Beta	1-Feb-22	BETA	4.61E-02	2.91E-03	3.00E-03	1.00E-02	2.91E-03	pCi/m3	
API-4(570005004) - A.P. Gross Beta	8-Feb-22	BETA	5.57E-02	3.24E-03	3.12E-03	1.00E-02	3.25E-03	pCi/m3	
API-4(570716004) - A.P. Gross Beta	15-Feb-22	BETA	4.05E-02	2.82E-03	3.15E-03	1.00E-02	2.82E-03	pCi/m3	
API-4(571211004) - A.P. Gross Beta	21-Feb-22	BETA	4.68E-02	3.22E-03	3.61E-03	1.00E-02	3.23E-03	pCi/m3	
API-4(571858004) - A.P. Gross Beta	28-Feb-22	BETA	3.70E-02	2.73E-03	3.37E-03	1.00E-02	2.74E-03	pCi/m3	
API-4(572910004) - A.P. Gross Beta	8-Mar-22	BETA	4.42E-02	2.73E-03	3.08E-03	1.00E-02	2.73E-03	pCi/m3	
API-4(573463004) - A.P. Gross Beta	15-Mar-22	BETA	4.13E-02	2.80E-03	3.09E-03	1.00E-02	2.81E-03	pCi/m3	
API-4(574346004) - A.P. Gross Beta	22-Mar-22	BETA	3.76E-02	2.70E-03	3.13E-03	1.00E-02	2.71E-03	pCi/m3	
API-4(575360004) - A.P. Gross Beta	30-Mar-22	BETA	2.27E-02	2.01E-03	2.79E-03	1.00E-02	2.01E-03	pCi/m3	
API-4(575551004) - A.P. Gross Beta	5-Apr-22	BETA	3.08E-02	2.75E-03	3.78E-03	1.00E-02	2.75E-03	pCi/m3	
API-4(576755004) - A.P. Gross Beta	12-Apr-22	BETA	2.69E-02	2.33E-03	3.28E-03	1.00E-02	2.33E-03	pCi/m3	
API-4(577423004) - A.P. Gross Beta	19-Apr-22	BETA	2.74E-02	2.35E-03	3.12E-03	1.00E-02	2.35E-03	pCi/m3	
API-4(578259004) - A.P. Gross Beta	26-Apr-22	BETA	3.12E-02	2.45E-03	3.05E-03	1.00E-02	2.45E-03	pCi/m3	
API-4(578875004) - A.P. Gross Beta	3-May-22	BETA	3.53E-02	2.66E-03	3.42E-03	1.00E-02	2.66E-03	pCi/m3	
API-4(579713004) - A.P. Gross Beta	10-May-22	BETA	3.63E-02	2.70E-03	3.30E-03	1.00E-02	2.70E-03	pCi/m3	
API-4(580274004) - A.P. Gross Beta	17-May-22	BETA	3.65E-02	2.66E-03	3.12E-03	1.00E-02	2.66E-03	pCi/m3	
API-4(580939004) - A.P. Gross Beta	23-May-22	BETA	3.16E-02	2.75E-03	3.69E-03	1.00E-02	2.75E-03	pCi/m3	
API-4(581485004) - A.P. Gross Beta	31-May-22	BETA	2.15E-02	1.72E-03	2.19E-03	1.00E-02	1.72E-03	pCi/m3	
API-4(582286004) - A.P. Gross Beta	1-Jun-22	BETA	1.90E-01	2.30E-02	3.86E-02	1.00E-02	2.30E-02	pCi/m3	DL
API-4(583027004) - A.P. Gross Beta	14-Jun-22	BETA	2.79E-02	2.12E-03	2.88E-03	1.00E-02	2.12E-03	pCi/m3	
API-4(583788004) - A.P. Gross Beta	21-Jun-22	BETA	2.65E-02	2.05E-03	2.62E-03	1.00E-02	2.05E-03	pCi/m3	
API-4(584402004) - A.P. Gross Beta	28-Jun-22	BETA	2.77E-02	2.17E-03	2.99E-03	1.00E-02	2.17E-03	pCi/m3	
API-4(585241004) - A.P. Gross Beta	5-Jul-22	BETA	2.52E-02	1.91E-03	2.32E-03	1.00E-02	1.91E-03	pCi/m3	
API-4(585820004) - A.P. Gross Beta	12-Jul-22	BETA	2.61E-02	2.20E-03	2.91E-03	1.00E-02	2.20E-03	pCi/m3	
API-4(587180004) - A.P. Gross Beta	19-Jul-22	BETA	4.05E-02	3.04E-03	3.73E-03	1.00E-02	3.04E-03	pCi/m3	
API-4(587533004) - A.P. Gross Beta	26-Jul-22	BETA	3.04E-02	2.15E-03	2.54E-03	1.00E-02	2.15E-03	pCi/m3	
API-4(588189004) - A.P. Gross Beta	2-Aug-22	BETA	2.84E-02	2.11E-03	2.66E-03	1.00E-02	2.11E-03	pCi/m3	
API-4(589725004) - A.P. Gross Beta	9-Aug-22	BETA	2.46E-02	1.94E-03	2.45E-03	1.00E-02	1.94E-03	pCi/m3	
API-4(589890004) - A.P. Gross Beta	16-Aug-22	BETA	2.11E-02	1.83E-03	2.48E-03	1.00E-02	1.83E-03	pCi/m3	
API-4(590758004) - A.P. Gross Beta	23-Aug-22	BETA	3.18E-02	2.20E-03	2.52E-03	1.00E-02	2.20E-03	pCi/m3	
API-4(591553004) - A.P. Gross Beta	29-Aug-22	BETA	3.37E-02	2.45E-03	2.96E-03	1.00E-02	2.45E-03	pCi/m3	
API-4(592124004) - A.P. Gross Beta	6-Sep-22	BETA	2.12E-02	1.72E-03	2.23E-03	1.00E-02	1.72E-03	pCi/m3	
API-4(593570004) - A.P. Gross Beta	13-Sep-22	BETA	2.35E-02	1.92E-03	2.42E-03	1.00E-02	1.92E-03	pCi/m3	
API-4(594026004) - A.P. Gross Beta	19-Sep-22	BETA	5.03E-02	2.92E-03	2.80E-03	1.00E-02	2.93E-03	pCi/m3	

API-4(594705004) - A.P. Gross Beta	27-Sep-22	BETA	3.12E-02	2.06E-03	2.44E-03	1.00E-02	2.06E-03	pCi/m3	
API-4(595755004) - A.P. Gross Beta	4-Oct-22	BETA	2.45E-02	1.97E-03	2.54E-03	1.00E-02	1.97E-03	pCi/m3	
API-4(596623004) - A.P. Gross Beta	11-Oct-22	BETA	3.70E-02	2.33E-03	2.40E-03	1.00E-02	2.33E-03	pCi/m3	
API-4(597446004) - A.P. Gross Beta	18-Oct-22	BETA	2.93E-02	2.12E-03	2.50E-03	1.00E-02	2.12E-03	pCi/m3	
API-4(598220004) - A.P. Gross Beta	25-Oct-22	BETA	4.94E-02	2.67E-03	2.45E-03	1.00E-02	2.68E-03	pCi/m3	
API-4(599173004) - A.P. Gross Beta	1-Nov-22	BETA	3.39E-02	2.32E-03	2.59E-03	1.00E-02	2.32E-03	pCi/m3	
API-4(600098004) - A.P. Gross Beta	8-Nov-22	BETA	5.53E-02	2.75E-03	2.35E-03	1.00E-02	2.75E-03	pCi/m3	
API-4(601009004) - A.P. Gross Beta	15-Nov-22	BETA	2.98E-02	2.13E-03	2.48E-03	1.00E-02	2.14E-03	pCi/m3	
API-4(601905004) - A.P. Gross Beta	22-Nov-22	BETA	4.17E-02	2.52E-03	2.55E-03	1.00E-02	2.52E-03	pCi/m3	
API-4(602353004) - A.P. Gross Beta	29-Nov-22	BETA	6.36E-02	3.01E-03	2.48E-03	1.00E-02	3.02E-03	pCi/m3	
API-4(603091004) - A.P. Gross Beta	6-Dec-22	BETA	4.95E-02	2.62E-03	2.42E-03	1.00E-02	2.63E-03	pCi/m3	
API-4(604120004) - A.P. Gross Beta	13-Dec-22	BETA	5.51E-02	2.87E-03	2.60E-03	1.00E-02	2.88E-03	pCi/m3	
API-4(604995004) - A.P. Gross Beta	20-Dec-22	BETA	3.77E-02	2.29E-03	2.28E-03	1.00E-02	2.29E-03	pCi/m3	
API-4(605373004) - A.P. Gross Beta	27-Dec-22	BETA	4.20E-02	2.53E-03	2.52E-03	1.00E-02	2.54E-03	pCi/m3	
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Barium-140	1.31E-03	4.20E-03	1.46E-02		4.21E-03	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Barium-140	-2.33E-03	2.92E-03	7.42E-03		2.97E-03	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Barium-140	5.84E-03	5.33E-03	1.25E-02		5.51E-03	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Barium-140	3.37E-03	3.79E-03	1.36E-02		3.87E-03	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Beryllium-7	8.17E-02	6.68E-03	5.39E-03		7.96E-03	pCi/m3	
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Beryllium-7	6.26E-02	4.43E-03	4.71E-03		5.40E-03	pCi/m3	
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Beryllium-7	5.43E-02	4.39E-03	4.41E-03		5.17E-03	pCi/m3	
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Beryllium-7	5.38E-02	6.40E-03	5.75E-03		6.92E-03	pCi/m3	
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Cerium-141	-4.20E-04	3.38E-04	1.00E-03		3.52E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Cerium-141	-3.33E-04	2.82E-04	9.10E-04		2.93E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Cerium-141	-1.86E-04	3.17E-04	9.74E-04		3.20E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Cerium-141	-1.50E-04	2.43E-04	7.78E-04		2.46E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Cerium-144	-5.36E-04	6.68E-04	2.06E-03		6.79E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Cerium-144	4.59E-04	6.04E-04	2.13E-03		6.13E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Cerium-144	5.94E-04	5.94E-04	2.03E-03		6.10E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Cerium-144	9.52E-05	5.53E-04	1.87E-03		5.53E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Cesium-134	4.62E-04	1.65E-04	6.85E-04	5.00E-02	1.98E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Cesium-134	-6.82E-05	1.58E-04	5.11E-04	5.00E-02	1.59E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Cesium-134	3.45E-04	1.49E-04	6.10E-04	5.00E-02	1.70E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Cesium-134	-1.12E-04	2.09E-04	6.18E-04	5.00E-02	2.11E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Cesium-137	-1.94E-04	2.20E-04	6.69E-04	6.00E-02	2.24E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Cesium-137	1.26E-04	1.54E-04	5.11E-04	6.00E-02	1.57E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Cesium-137	-8.67E-05	1.34E-04	4.03E-04	6.00E-02	1.36E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Cesium-137	1.14E-05	1.75E-04	5.70E-04	6.00E-02	1.75E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Chromium-51	1.21E-03	2.37E-03	8.15E-03		2.39E-03	pCi/m3	U

API-4(587809004) - A.P. Gross Beta	28-Jun-22	Chromium-51	-5.75E-04	2.30E-03	7.47E-03		2.30E-03	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Chromium-51	2.38E-03	2.97E-03	8.10E-03		3.02E-03	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Chromium-51	-2.24E-03	2.54E-03	7.28E-03		2.60E-03	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Cobalt-57	-7.89E-05	7.26E-05	2.19E-04		7.49E-05	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Cobalt-57	-8.18E-05	8.03E-05	2.51E-04		8.25E-05	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Cobalt-57	4.50E-05	7.33E-05	2.46E-04		7.41E-05	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Cobalt-57	2.43E-05	5.88E-05	2.03E-04		5.91E-05	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Cobalt-58	1.75E-04	2.40E-04	8.33E-04		2.43E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Cobalt-58	1.69E-04	1.81E-04	6.60E-04		1.85E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Cobalt-58	1.30E-05	1.85E-04	5.99E-04		1.85E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Cobalt-58	-1.18E-04	2.27E-04	7.29E-04		2.29E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Cobalt-60	3.23E-04	1.61E-04	6.72E-04		1.78E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Cobalt-60	-2.40E-04	1.87E-04	5.06E-04		1.95E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Cobalt-60	1.25E-04	1.81E-04	6.57E-04		1.83E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Cobalt-60	1.20E-04	1.28E-04	5.07E-04		1.31E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Iodine-131	-1.43E-03	3.97E-03	1.26E-02		3.98E-03	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Iodine-131	-9.62E-05	2.20E-03	6.40E-03		2.20E-03	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Iodine-131	-1.21E-03	3.12E-03	1.02E-02		3.13E-03	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Iodine-131	-7.02E-04	3.08E-03	9.85E-03		3.09E-03	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Iron-59	2.42E-05	6.06E-04	2.03E-03		6.06E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Iron-59	-5.24E-04	5.43E-04	1.62E-03		5.57E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Iron-59	7.28E-04	5.76E-04	2.20E-03		6.01E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Iron-59	4.91E-04	6.73E-04	2.41E-03		6.83E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Lanthanum-140	-2.15E-03	2.24E-03	6.49E-03		2.29E-03	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Lanthanum-140	-2.33E-03	1.17E-03	2.28E-03		1.29E-03	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Lanthanum-140	-3.62E-04	1.42E-03	4.43E-03		1.42E-03	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Lanthanum-140	-1.57E-03	1.55E-03	4.14E-03		1.59E-03	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Manganese-54	-1.80E-04	1.63E-04	4.58E-04		1.68E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Manganese-54	1.27E-04	1.53E-04	5.51E-04		1.56E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Manganese-54	2.52E-05	1.54E-04	5.03E-04		1.54E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Manganese-54	-4.04E-05	1.66E-04	5.46E-04		1.66E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Niobium-95	3.66E-05	2.46E-04	8.15E-04		2.46E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Niobium-95	-5.46E-04	1.93E-04	5.00E-04		2.32E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Niobium-95	2.89E-04	2.20E-04	8.06E-04		2.31E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Niobium-95	6.66E-04	2.52E-04	8.52E-04		2.55E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Potassium-40	4.99E-03	3.37E-03	5.34E-03		3.38E-03	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Potassium-40	2.04E-02	4.04E-03	4.28E-03		4.17E-03	pCi/m3	
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Potassium-40	1.26E-02	3.76E-03	5.48E-03		3.81E-03	pCi/m3	
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Potassium-40	6.50E-03	4.29E-03	1.60E-02		4.55E-03	pCi/m3	U

API-4(579326004) - A.P. Gross Beta	30-Mar-22	Ruthenium-103	2.72E-05	2.52E-04	8.09E-04		2.52E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Ruthenium-103	6.97E-05	2.22E-04	7.33E-04		2.22E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Ruthenium-103	5.32E-05	1.96E-04	6.67E-04		1.96E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Ruthenium-103	1.44E-04	2.63E-04	9.12E-04		2.65E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Ruthenium-106	2.11E-03	1.14E-03	4.48E-03		1.25E-03	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Ruthenium-106	-7.37E-04	1.34E-03	3.50E-03		1.35E-03	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Ruthenium-106	-2.37E-03	1.36E-03	3.61E-03		1.47E-03	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Ruthenium-106	-2.84E-03	1.57E-03	4.07E-03		1.71E-03	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Selenium-75	1.32E-04	1.68E-04	5.92E-04		1.71E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Selenium-75	-4.09E-05	1.61E-04	5.26E-04		1.61E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Selenium-75	1.06E-04	1.70E-04	6.04E-04		1.72E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Selenium-75	-1.16E-04	1.86E-04	5.61E-04		1.88E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Silver-108m	8.32E-05	1.23E-04	4.17E-04		1.25E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Silver-108m	1.15E-05	1.14E-04	3.73E-04		1.14E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Silver-108m	3.90E-05	1.07E-04	3.69E-04		1.08E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Silver-108m	-5.33E-05	1.12E-04	3.59E-04		1.12E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Silver-110m	-4.14E-04	2.45E-04	6.22E-04		2.64E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Silver-110m	1.34E-04	1.92E-04	6.89E-04		1.94E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Silver-110m	-2.95E-04	2.38E-04	6.32E-04		2.48E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Silver-110m	-2.08E-04	2.97E-04	9.31E-04		3.01E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Zinc-65	5.93E-05	4.03E-04	1.36E-03		4.03E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Zinc-65	-4.37E-05	3.12E-04	1.01E-03		3.12E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Zinc-65	-4.79E-04	3.82E-04	1.09E-03		3.98E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Zinc-65	1.14E-04	4.43E-04	1.51E-03		4.43E-04	pCi/m3	U
API-4(579326004) - A.P. Gross Beta	30-Mar-22	Zirconium-95	1.39E-04	3.48E-04	1.19E-03		3.49E-04	pCi/m3	U
API-4(587809004) - A.P. Gross Beta	28-Jun-22	Zirconium-95	3.37E-05	3.56E-04	1.18E-03		3.56E-04	pCi/m3	U
API-4(599202004) - A.P. Gross Beta	27-Sep-22	Zirconium-95	-2.73E-04	4.10E-04	1.23E-03		4.15E-04	pCi/m3	U
API-4(608967004) - A.P. Gross Beta	27-Dec-22	Zirconium-95	6.80E-05	4.79E-04	1.55E-03		4.79E-04	pCi/m3	U

API-5

A.C. Iodine

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-5(566527011) - A.C. Iodine	4-Jan-22	Iodine-131	-1.23E-03	3.71E-03	1.17E-02	7.00E-02	3.72E-03	pCi/m3	U
API-5(567492011) - A.C. Iodine	11-Jan-22	Iodine-131	2.89E-03	3.58E-03	1.17E-02	7.00E-02	3.64E-03	pCi/m3	U
API-5(567962011) - A.C. Iodine	18-Jan-22	Iodine-131	-5.78E-03	3.81E-03	1.10E-02	7.00E-02	4.05E-03	pCi/m3	U
API-5(568655011) - A.C. Iodine	25-Jan-22	Iodine-131	6.12E-03	5.40E-03	1.82E-02	7.00E-02	5.59E-03	pCi/m3	U
API-5(569337011) - A.C. Iodine	1-Feb-22	Iodine-131	-9.24E-04	5.28E-03	1.61E-02	7.00E-02	5.28E-03	pCi/m3	U
API-5(570005011) - A.C. Iodine	8-Feb-22	Iodine-131	1.40E-03	3.65E-03	1.26E-02	7.00E-02	3.66E-03	pCi/m3	U
API-5(570716011) - A.C. Iodine	15-Feb-22	Iodine-131	-1.90E-03	4.58E-03	1.50E-02	7.00E-02	4.60E-03	pCi/m3	U

API-5(571211011) - A.C. Iodine	21-Feb-22	Iodine-131	1.25E-03	4.91E-03	1.70E-02	7.00E-02	4.92E-03	pCi/m3	U
API-5(571858011) - A.C. Iodine	28-Feb-22	Iodine-131	-2.68E-03	3.33E-03	1.04E-02	7.00E-02	3.39E-03	pCi/m3	U
API-5(572910011) - A.C. Iodine	8-Mar-22	Iodine-131	-1.25E-02	7.99E-03	2.24E-02	7.00E-02	8.52E-03	pCi/m3	U
API-5(573463011) - A.C. Iodine	15-Mar-22	Iodine-131	-2.24E-03	4.74E-03	1.37E-02	7.00E-02	4.77E-03	pCi/m3	U
API-5(574346011) - A.C. Iodine	22-Mar-22	Iodine-131	-3.28E-03	4.57E-03	1.39E-02	7.00E-02	4.63E-03	pCi/m3	U
API-5(575360011) - A.C. Iodine	30-Mar-22	Iodine-131	-4.14E-03	5.21E-03	1.60E-02	7.00E-02	5.30E-03	pCi/m3	U
API-5(575551011) - A.C. Iodine	5-Apr-22	Iodine-131	4.12E-03	4.36E-03	1.63E-02	7.00E-02	4.47E-03	pCi/m3	U
API-5(576755011) - A.C. Iodine	12-Apr-22	Iodine-131	-2.99E-03	3.58E-03	1.10E-02	7.00E-02	3.65E-03	pCi/m3	U
API-5(577423011) - A.C. Iodine	19-Apr-22	Iodine-131	3.72E-03	5.73E-03	2.09E-02	7.00E-02	5.80E-03	pCi/m3	U
API-5(578259011) - A.C. Iodine	26-Apr-22	Iodine-131	-4.36E-03	3.31E-03	8.82E-03	7.00E-02	3.46E-03	pCi/m3	U
API-5(578875011) - A.C. Iodine	3-May-22	Iodine-131	-1.30E-02	5.81E-03	1.29E-02	7.00E-02	6.56E-03	pCi/m3	U
API-5(579713011) - A.C. Iodine	10-May-22	Iodine-131	-1.60E-02	1.97E-02	6.25E-02	7.00E-02	2.01E-02	pCi/m3	U
API-5(580274011) - A.C. Iodine	17-May-22	Iodine-131	-5.46E-03	4.43E-03	1.27E-02	7.00E-02	4.61E-03	pCi/m3	U
API-5(580939011) - A.C. Iodine	23-May-22	Iodine-131	-1.17E-02	6.86E-03	1.95E-02	7.00E-02	7.39E-03	pCi/m3	U
API-5(581485011) - A.C. Iodine	31-May-22	Iodine-131	1.05E-03	2.16E-03	7.65E-03	7.00E-02	2.17E-03	pCi/m3	U
API-5(582286011) - A.C. Iodine	7-Jun-22	Iodine-131	-3.81E-03	4.47E-03	1.39E-02	7.00E-02	4.56E-03	pCi/m3	U
API-5(583027011) - A.C. Iodine	14-Jun-22	Iodine-131	1.01E-03	4.98E-03	1.74E-02	7.00E-02	4.99E-03	pCi/m3	U
API-5(583788011) - A.C. Iodine	21-Jun-22	Iodine-131	-2.01E-03	6.50E-03	2.02E-02	7.00E-02	6.52E-03	pCi/m3	U
API-5(584402011) - A.C. Iodine	28-Jun-22	Iodine-131	2.55E-03	5.76E-03	2.12E-02	7.00E-02	5.79E-03	pCi/m3	U
API-5(585241011) - A.C. Iodine	5-Jul-22	Iodine-131	-4.41E-03	4.53E-03	1.34E-02	7.00E-02	4.65E-03	pCi/m3	U
API-5(585820011) - A.C. Iodine	12-Jul-22	Iodine-131	-1.10E-03	7.31E-03	2.43E-02	7.00E-02	7.31E-03	pCi/m3	U
API-5(587180011) - A.C. Iodine	19-Jul-22	Iodine-131	1.27E-03	6.40E-03	2.20E-02	7.00E-02	6.41E-03	pCi/m3	U
API-5(587533011) - A.C. Iodine	26-Jul-22	Iodine-131	1.99E-03	5.43E-03	1.90E-02	7.00E-02	5.45E-03	pCi/m3	U
API-5(588189011) - A.C. Iodine	2-Aug-22	Iodine-131	8.15E-03	5.05E-03	1.89E-02	7.00E-02	5.40E-03	pCi/m3	U
API-5(589725011) - A.C. Iodine	9-Aug-22	Iodine-131	4.32E-03	7.84E-03	2.62E-02	7.00E-02	7.90E-03	pCi/m3	U
API-5(589890011) - A.C. Iodine	16-Aug-22	Iodine-131	-3.40E-03	6.26E-03	1.99E-02	7.00E-02	6.31E-03	pCi/m3	U
API-5(590758011) - A.C. Iodine	23-Aug-22	Iodine-131	1.69E-02	1.74E-02	5.22E-02	7.00E-02	1.79E-02	pCi/m3	U
API-5(591553011) - A.C. Iodine	29-Aug-22	Iodine-131	3.65E-03	3.84E-03	1.38E-02	7.00E-02	3.94E-03	pCi/m3	U
API-5(592124011) - A.C. Iodine	6-Sep-22	Iodine-131	5.77E-04	3.15E-03	1.02E-02	7.00E-02	3.15E-03	pCi/m3	U
API-5(593570011) - A.C. Iodine	13-Sep-22	Iodine-131	-1.89E-03	5.47E-03	1.81E-02	7.00E-02	5.49E-03	pCi/m3	U
API-5(594026011) - A.C. Iodine	19-Sep-22	Iodine-131	-1.03E-03	4.61E-03	1.52E-02	7.00E-02	4.61E-03	pCi/m3	U
API-5(594705011) - A.C. Iodine	27-Sep-22	Iodine-131	-9.24E-03	7.53E-03	2.30E-02	7.00E-02	7.84E-03	pCi/m3	U
API-5(595755011) - A.C. Iodine	4-Oct-22	Iodine-131	2.62E-03	5.43E-03	1.90E-02	7.00E-02	5.46E-03	pCi/m3	U
API-5(596623011) - A.C. Iodine	11-Oct-22	Iodine-131	2.19E-03	6.88E-03	2.40E-02	7.00E-02	6.90E-03	pCi/m3	U
API-5(597446011) - A.C. Iodine	18-Oct-22	Iodine-131	3.01E-03	4.94E-03	1.73E-02	7.00E-02	4.99E-03	pCi/m3	U
API-5(598220011) - A.C. Iodine	25-Oct-22	Iodine-131	-1.35E-02	6.54E-03	1.71E-02	7.00E-02	7.27E-03	pCi/m3	U
API-5(599173011) - A.C. Iodine	1-Nov-22	Iodine-131	1.17E-03	3.38E-03	1.16E-02	7.00E-02	3.39E-03	pCi/m3	U
API-5(600098011) - A.C. Iodine	8-Nov-22	Iodine-131	1.45E-03	3.43E-03	1.23E-02	7.00E-02	3.45E-03	pCi/m3	U
API-5(601009011) - A.C. Iodine	15-Nov-22	Iodine-131	-2.80E-03	6.81E-03	2.10E-02	7.00E-02	6.84E-03	pCi/m3	U

API-5(601905011) - A.C. Iodine	22-Nov-22	Iodine-131	-1.50E-03	6.58E-03	2.06E-02	7.00E-02	6.59E-03	pCi/m3	U
API-5(602353011) - A.C. Iodine	29-Nov-22	Iodine-131	-2.87E-03	3.36E-03	1.04E-02	7.00E-02	3.42E-03	pCi/m3	U
API-5(603091011) - A.C. Iodine	6-Dec-22	Iodine-131	7.49E-04	4.19E-03	1.43E-02	7.00E-02	4.19E-03	pCi/m3	U
API-5(604120011) - A.C. Iodine	13-Dec-22	Iodine-131	3.94E-03	3.56E-03	1.33E-02	7.00E-02	3.67E-03	pCi/m3	U
API-5(604995011) - A.C. Iodine	20-Dec-22	Iodine-131	1.48E-02	1.14E-02	3.73E-02	7.00E-02	1.19E-02	pCi/m3	U
API-5(605373011) - A.C. Iodine	27-Dec-22	Iodine-131	-1.58E-03	1.48E-02	4.89E-02	7.00E-02	1.48E-02	pCi/m3	U

API-5

A.P. Gross Beta

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Actinium-228	3.11E-04	6.60E-04	2.08E-03		6.65E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Actinium-228	5.81E-04	6.50E-04	2.37E-03		6.65E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Actinium-228	-7.55E-04	7.45E-04	2.25E-03		7.67E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Actinium-228	6.74E-04	9.11E-04	3.09E-03		9.25E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Antimony-124	-8.49E-04	4.07E-04	7.04E-04		4.53E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Antimony-124	-6.33E-04	7.83E-04	2.28E-03		7.97E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Antimony-124	1.96E-04	6.64E-04	2.28E-03		6.65E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Antimony-124	5.76E-04	5.42E-04	2.11E-03		5.59E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Antimony-125	-7.53E-05	2.66E-04	8.90E-04		2.66E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Antimony-125	1.97E-04	4.02E-04	1.39E-03		4.04E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Antimony-125	-4.01E-04	3.31E-04	1.02E-03		3.45E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Antimony-125	1.12E-04	3.82E-04	1.31E-03		3.83E-04	pCi/m3	U
API-5(566527005) - A.P. Gross Beta	4-Jan-22	BETA	4.22E-02	2.81E-03	3.41E-03	1.00E-02	2.81E-03	pCi/m3	
API-5(567492005) - A.P. Gross Beta	11-Jan-22	BETA	4.60E-02	2.92E-03	3.19E-03	1.00E-02	2.92E-03	pCi/m3	
API-5(567962005) - A.P. Gross Beta	18-Jan-22	BETA	4.24E-02	2.83E-03	3.18E-03	1.00E-02	2.83E-03	pCi/m3	
API-5(568655005) - A.P. Gross Beta	25-Jan-22	BETA	4.37E-02	2.93E-03	3.40E-03	1.00E-02	2.93E-03	pCi/m3	
API-5(569337005) - A.P. Gross Beta	1-Feb-22	BETA	3.98E-02	2.81E-03	3.64E-03	1.00E-02	2.82E-03	pCi/m3	
API-5(570005005) - A.P. Gross Beta	8-Feb-22	BETA	5.10E-02	3.07E-03	3.04E-03	1.00E-02	3.07E-03	pCi/m3	
API-5(570716005) - A.P. Gross Beta	15-Feb-22	BETA	3.70E-02	2.67E-03	3.10E-03	1.00E-02	2.67E-03	pCi/m3	
API-5(571211005) - A.P. Gross Beta	21-Feb-22	BETA	5.10E-02	3.30E-03	3.43E-03	1.00E-02	3.31E-03	pCi/m3	
API-5(571858005) - A.P. Gross Beta	28-Feb-22	BETA	4.30E-02	2.86E-03	3.20E-03	1.00E-02	2.87E-03	pCi/m3	
API-5(572910005) - A.P. Gross Beta	8-Mar-22	BETA	4.41E-02	2.74E-03	2.94E-03	1.00E-02	2.74E-03	pCi/m3	
API-5(573463005) - A.P. Gross Beta	15-Mar-22	BETA	4.60E-02	2.91E-03	3.08E-03	1.00E-02	2.91E-03	pCi/m3	
API-5(574346005) - A.P. Gross Beta	22-Mar-22	BETA	3.96E-02	2.71E-03	3.08E-03	1.00E-02	2.72E-03	pCi/m3	
API-5(575360005) - A.P. Gross Beta	30-Mar-22	BETA	2.34E-02	2.02E-03	2.78E-03	1.00E-02	2.02E-03	pCi/m3	
API-5(575551005) - A.P. Gross Beta	5-Apr-22	BETA	2.96E-02	2.66E-03	3.73E-03	1.00E-02	2.66E-03	pCi/m3	
API-5(576755005) - A.P. Gross Beta	12-Apr-22	BETA	2.41E-02	2.34E-03	3.85E-03	1.00E-02	2.34E-03	pCi/m3	
API-5(577423005) - A.P. Gross Beta	19-Apr-22	BETA	3.34E-02	2.53E-03	3.20E-03	1.00E-02	2.53E-03	pCi/m3	
API-5(578259005) - A.P. Gross Beta	26-Apr-22	BETA	3.30E-02	2.59E-03	3.42E-03	1.00E-02	2.59E-03	pCi/m3	

API-5(578875005) - A.P. Gross Beta	3-May-22	BETA	3.23E-02	2.57E-03	3.26E-03	1.00E-02	2.57E-03	pCi/m3	
API-5(579713005) - A.P. Gross Beta	10-May-22	BETA	7.89E-02	9.12E-03	1.48E-02	1.00E-02	9.12E-03	pCi/m3	DL
API-5(580274005) - A.P. Gross Beta	17-May-22	BETA	3.41E-02	2.56E-03	3.22E-03	1.00E-02	2.56E-03	pCi/m3	
API-5(580939005) - A.P. Gross Beta	23-May-22	BETA	3.57E-02	2.88E-03	3.82E-03	1.00E-02	2.88E-03	pCi/m3	
API-5(581485005) - A.P. Gross Beta	31-May-22	BETA	1.94E-02	1.64E-03	2.20E-03	1.00E-02	1.64E-03	pCi/m3	
API-5(582286005) - A.P. Gross Beta	7-Jun-22	BETA	2.00E-02	1.81E-03	2.54E-03	1.00E-02	1.81E-03	pCi/m3	
API-5(583027005) - A.P. Gross Beta	14-Jun-22	BETA	2.27E-02	1.89E-03	2.49E-03	1.00E-02	1.90E-03	pCi/m3	
API-5(583788005) - A.P. Gross Beta	21-Jun-22	BETA	3.14E-02	2.20E-03	2.64E-03	1.00E-02	2.20E-03	pCi/m3	
API-5(584402005) - A.P. Gross Beta	28-Jun-22	BETA	2.86E-02	2.12E-03	2.61E-03	1.00E-02	2.12E-03	pCi/m3	
API-5(585241005) - A.P. Gross Beta	5-Jul-22	BETA	2.44E-02	1.97E-03	2.67E-03	1.00E-02	1.97E-03	pCi/m3	
API-5(585820005) - A.P. Gross Beta	12-Jul-22	BETA	2.22E-02	2.16E-03	3.54E-03	1.00E-02	2.16E-03	pCi/m3	
API-5(587180005) - A.P. Gross Beta	19-Jul-22	BETA	2.66E-02	1.88E-03	2.15E-03	1.00E-02	1.88E-03	pCi/m3	
API-5(587533005) - A.P. Gross Beta	26-Jul-22	BETA	2.27E-02	1.89E-03	2.53E-03	1.00E-02	1.89E-03	pCi/m3	
API-5(588189005) - A.P. Gross Beta	2-Aug-22	BETA	2.21E-02	1.95E-03	2.95E-03	1.00E-02	1.95E-03	pCi/m3	
API-5(589725005) - A.P. Gross Beta	9-Aug-22	BETA	2.19E-02	1.86E-03	2.50E-03	1.00E-02	1.86E-03	pCi/m3	
API-5(589890005) - A.P. Gross Beta	16-Aug-22	BETA	2.49E-02	1.98E-03	2.53E-03	1.00E-02	1.98E-03	pCi/m3	
API-5(590758005) - A.P. Gross Beta	23-Aug-22	BETA	2.75E-02	2.13E-03	2.99E-03	1.00E-02	2.14E-03	pCi/m3	
API-5(591553005) - A.P. Gross Beta	29-Aug-22	BETA	3.13E-02	2.45E-03	3.29E-03	1.00E-02	2.45E-03	pCi/m3	
API-5(592124005) - A.P. Gross Beta	6-Sep-22	BETA	2.17E-02	1.71E-03	2.12E-03	1.00E-02	1.71E-03	pCi/m3	
API-5(593570005) - A.P. Gross Beta	13-Sep-22	BETA	1.97E-02	1.78E-03	2.47E-03	1.00E-02	1.78E-03	pCi/m3	
API-5(594026005) - A.P. Gross Beta	19-Sep-22	BETA	3.40E-02	2.44E-03	2.86E-03	1.00E-02	2.45E-03	pCi/m3	
API-5(594705005) - A.P. Gross Beta	27-Sep-22	BETA	2.08E-02	1.70E-03	2.22E-03	1.00E-02	1.70E-03	pCi/m3	
API-5(595755005) - A.P. Gross Beta	4-Oct-22	BETA	1.78E-02	1.70E-03	2.40E-03	1.00E-02	1.70E-03	pCi/m3	
API-5(596623005) - A.P. Gross Beta	11-Oct-22	BETA	2.34E-02	1.91E-03	2.46E-03	1.00E-02	1.92E-03	pCi/m3	
API-5(597446005) - A.P. Gross Beta	18-Oct-22	BETA	2.18E-02	1.94E-03	2.63E-03	1.00E-02	1.95E-03	pCi/m3	
API-5(598220005) - A.P. Gross Beta	25-Oct-22	BETA	4.66E-02	2.58E-03	2.42E-03	1.00E-02	2.59E-03	pCi/m3	
API-5(599173005) - A.P. Gross Beta	1-Nov-22	BETA	2.87E-02	2.09E-03	2.45E-03	1.00E-02	2.09E-03	pCi/m3	
API-5(600098005) - A.P. Gross Beta	8-Nov-22	BETA	5.27E-02	2.73E-03	2.44E-03	1.00E-02	2.74E-03	pCi/m3	
API-5(601009005) - A.P. Gross Beta	15-Nov-22	BETA	2.67E-02	2.03E-03	2.48E-03	1.00E-02	2.03E-03	pCi/m3	
API-5(601905005) - A.P. Gross Beta	22-Nov-22	BETA	3.96E-02	2.40E-03	2.45E-03	1.00E-02	2.41E-03	pCi/m3	
API-5(602353005) - A.P. Gross Beta	29-Nov-22	BETA	5.59E-02	2.81E-03	2.39E-03	1.00E-02	2.82E-03	pCi/m3	
API-5(603091005) - A.P. Gross Beta	6-Dec-22	BETA	3.51E-02	2.27E-03	2.40E-03	1.00E-02	2.27E-03	pCi/m3	
API-5(604120005) - A.P. Gross Beta	13-Dec-22	BETA	4.83E-02	2.65E-03	2.48E-03	1.00E-02	2.65E-03	pCi/m3	
API-5(604995005) - A.P. Gross Beta	20-Dec-22	BETA	4.35E-02	2.51E-03	2.43E-03	1.00E-02	2.52E-03	pCi/m3	
API-5(605373005) - A.P. Gross Beta	27-Dec-22	BETA	4.13E-02	2.47E-03	2.46E-03	1.00E-02	2.47E-03	pCi/m3	
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Barium-140	-1.97E-03	3.90E-03	1.27E-02		3.93E-03	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Barium-140	3.10E-03	3.37E-03	1.19E-02		3.45E-03	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Barium-140	1.55E-03	3.07E-03	1.07E-02		3.09E-03	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Barium-140	3.98E-03	3.97E-03	1.42E-02		4.08E-03	pCi/m3	U

API-5(579326005) - A.P. Gross Beta	30-Mar-22	Beryllium-7	6.88E-02	5.18E-03	4.49E-03		6.26E-03	pCi/m3	
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Beryllium-7	5.58E-02	5.39E-03	7.59E-03		6.06E-03	pCi/m3	
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Beryllium-7	4.32E-02	4.45E-03	5.72E-03		4.89E-03	pCi/m3	
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Beryllium-7	3.71E-02	4.77E-03	7.30E-03		5.06E-03	pCi/m3	
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Cerium-141	-3.18E-04	3.51E-04	9.84E-04		3.59E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Cerium-141	-7.16E-04	3.16E-04	9.10E-04		3.57E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Cerium-141	9.18E-05	3.17E-04	1.05E-03		3.18E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Cerium-141	-3.64E-04	3.46E-04	1.04E-03		3.56E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Cerium-144	3.35E-05	5.20E-04	1.71E-03		5.20E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Cerium-144	-3.73E-04	5.67E-04	1.81E-03		5.74E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Cerium-144	-8.63E-04	6.58E-04	1.99E-03		6.89E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Cerium-144	-2.62E-04	7.31E-04	2.31E-03		7.33E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Cesium-134	4.92E-05	1.72E-04	5.77E-04	5.00E-02	1.72E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Cesium-134	-4.09E-04	2.34E-04	6.10E-04	5.00E-02	2.53E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Cesium-134	2.73E-05	1.47E-04	4.87E-04	5.00E-02	1.47E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Cesium-134	5.16E-04	2.21E-04	7.15E-04	5.00E-02	2.52E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Cesium-137	-5.66E-05	1.33E-04	4.27E-04	6.00E-02	1.33E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Cesium-137	-1.58E-04	1.93E-04	5.68E-04	6.00E-02	1.96E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Cesium-137	-1.33E-04	1.44E-04	4.19E-04	6.00E-02	1.47E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Cesium-137	-7.93E-05	1.61E-04	5.01E-04	6.00E-02	1.62E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Chromium-51	9.22E-04	2.28E-03	7.34E-03		2.29E-03	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Chromium-51	2.50E-03	2.24E-03	8.21E-03		2.32E-03	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Chromium-51	6.28E-04	2.46E-03	7.80E-03		2.46E-03	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Chromium-51	-2.74E-03	2.63E-03	8.43E-03		2.71E-03	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Cobalt-57	2.34E-05	6.96E-05	2.32E-04		6.98E-05	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Cobalt-57	1.94E-05	7.62E-05	2.60E-04		7.63E-05	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Cobalt-57	-5.37E-05	7.76E-05	2.43E-04		7.86E-05	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Cobalt-57	4.75E-05	1.01E-04	3.36E-04		1.02E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Cobalt-58	4.93E-04	2.53E-04	5.16E-04		2.56E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Cobalt-58	-3.19E-06	1.99E-04	6.71E-04		1.99E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Cobalt-58	-2.26E-04	2.17E-04	6.30E-04		2.24E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Cobalt-58	-1.74E-04	2.15E-04	5.22E-04		2.19E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Cobalt-60	3.99E-05	1.42E-04	4.99E-04		1.43E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Cobalt-60	-5.88E-05	2.48E-04	7.71E-04		2.49E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Cobalt-60	-1.32E-04	1.45E-04	4.16E-04		1.49E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Cobalt-60	2.34E-04	1.84E-04	7.13E-04		1.92E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Iodine-131	1.57E-03	4.52E-03	1.44E-02		4.53E-03	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Iodine-131	-1.39E-03	1.91E-03	6.06E-03		1.94E-03	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Iodine-131	1.34E-03	2.95E-03	1.04E-02		2.97E-03	pCi/m3	U

API-5(608967005) - A.P. Gross Beta	27-Dec-22	Iodine-131	2.74E-05	3.11E-03	1.05E-02		3.11E-03	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Iron-59	-2.83E-04	4.84E-04	1.45E-03		4.89E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Iron-59	-3.47E-04	4.57E-04	1.30E-03		4.64E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Iron-59	9.18E-04	5.06E-04	1.89E-03		5.51E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Iron-59	1.68E-04	6.19E-04	2.15E-03		6.21E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Lanthanum-140	-1.81E-03	1.61E-03	4.51E-03		1.66E-03	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Lanthanum-140	-1.56E-03	9.30E-04	1.40E-03		9.99E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Lanthanum-140	-1.12E-03	1.56E-03	4.58E-03		1.58E-03	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Lanthanum-140	-1.22E-03	1.39E-03	3.79E-03		1.42E-03	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Manganese-54	6.09E-05	1.46E-04	4.94E-04		1.47E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Manganese-54	4.08E-04	1.76E-04	7.14E-04		2.00E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Manganese-54	1.13E-04	1.42E-04	5.01E-04		1.45E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Manganese-54	-4.39E-04	1.97E-04	5.13E-04		2.22E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Niobium-95	2.58E-05	2.29E-04	6.53E-04		2.29E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Niobium-95	2.63E-04	2.12E-04	8.01E-04		2.21E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Niobium-95	-2.02E-04	1.95E-04	5.63E-04		2.01E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Niobium-95	-7.48E-05	2.33E-04	7.29E-04		2.34E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Potassium-40	4.49E-03	2.93E-03	4.49E-03		2.96E-03	pCi/m3	UI
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Potassium-40	1.28E-02	3.99E-03	3.76E-03		4.04E-03	pCi/m3	
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Potassium-40	3.71E-03	3.34E-03	3.71E-03		3.36E-03	pCi/m3	UI
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Potassium-40	3.38E-03	4.12E-03	4.95E-03		4.13E-03	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Ruthenium-103	2.52E-04	2.10E-04	7.65E-04		2.18E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Ruthenium-103	-2.22E-04	2.60E-04	7.96E-04		2.65E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Ruthenium-103	4.10E-05	2.31E-04	7.86E-04		2.31E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Ruthenium-103	-3.56E-04	2.82E-04	8.51E-04		2.94E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Ruthenium-106	-6.36E-04	1.08E-03	3.42E-03		1.09E-03	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Ruthenium-106	-1.84E-03	1.92E-03	5.71E-03		1.97E-03	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Ruthenium-106	1.61E-03	1.33E-03	4.83E-03		1.38E-03	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Ruthenium-106	7.35E-05	1.29E-03	4.26E-03		1.29E-03	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Selenium-75	1.35E-04	1.79E-04	5.89E-04		1.82E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Selenium-75	6.32E-05	1.92E-04	6.18E-04		1.92E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Selenium-75	6.62E-05	1.65E-04	5.35E-04		1.66E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Selenium-75	2.30E-05	2.20E-04	6.90E-04		2.20E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Silver-108m	-4.36E-05	8.64E-05	2.85E-04		8.70E-05	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Silver-108m	1.20E-04	1.21E-04	4.34E-04		1.24E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Silver-108m	-3.21E-06	8.97E-05	3.03E-04		8.97E-05	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Silver-108m	3.05E-04	2.25E-04	5.27E-04		2.36E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Silver-110m	3.53E-04	1.98E-04	7.10E-04		2.17E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Silver-110m	3.31E-04	2.78E-04	9.03E-04		2.89E-04	pCi/m3	U

API-5(599202005) - A.P. Gross Beta	27-Sep-22	Silver-110m	-1.56E-04	2.35E-04	7.01E-04		2.37E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Silver-110m	1.14E-04	2.42E-04	8.18E-04		2.43E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Zinc-65	7.04E-04	2.78E-04	1.15E-03		3.24E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Zinc-65	5.95E-04	4.76E-04	1.76E-03		4.96E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Zinc-65	-2.68E-04	3.23E-04	8.85E-04		3.29E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Zinc-65	-1.86E-04	3.99E-04	1.28E-03		4.02E-04	pCi/m3	U
API-5(579326005) - A.P. Gross Beta	30-Mar-22	Zirconium-95	-2.38E-04	3.54E-04	1.10E-03		3.59E-04	pCi/m3	U
API-5(587809005) - A.P. Gross Beta	28-Jun-22	Zirconium-95	4.29E-04	4.23E-04	1.56E-03		4.34E-04	pCi/m3	U
API-5(599202005) - A.P. Gross Beta	27-Sep-22	Zirconium-95	-1.12E-04	3.25E-04	9.62E-04		3.26E-04	pCi/m3	U
API-5(608967005) - A.P. Gross Beta	27-Dec-22	Zirconium-95	4.72E-05	4.22E-04	1.38E-03		4.22E-04	pCi/m3	U

API-6

A.C. Iodine

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-6(566527012) - A.C. Iodine	4-Jan-22	Iodine-131	9.73E-04	2.85E-03	9.65E-03	7.00E-02	2.86E-03	pCi/m3	U
API-6(567492012) - A.C. Iodine	11-Jan-22	Iodine-131	4.80E-03	4.13E-03	1.54E-02	7.00E-02	4.28E-03	pCi/m3	U
API-6(567962012) - A.C. Iodine	18-Jan-22	Iodine-131	1.73E-03	3.80E-03	1.32E-02	7.00E-02	3.82E-03	pCi/m3	U
API-6(568655012) - A.C. Iodine	25-Jan-22	Iodine-131	-2.42E-03	3.23E-03	9.82E-03	7.00E-02	3.28E-03	pCi/m3	U
API-6(569337012) - A.C. Iodine	1-Feb-22	Iodine-131	-5.30E-03	4.44E-03	1.25E-02	7.00E-02	4.62E-03	pCi/m3	U
API-6(570005012) - A.C. Iodine	8-Feb-22	Iodine-131	1.76E-03	4.38E-03	1.50E-02	7.00E-02	4.40E-03	pCi/m3	U
API-6(570716012) - A.C. Iodine	15-Feb-22	Iodine-131	-8.30E-04	5.40E-03	1.77E-02	7.00E-02	5.40E-03	pCi/m3	U
API-6(571211012) - A.C. Iodine	21-Feb-22	Iodine-131	9.74E-03	7.68E-03	2.89E-02	7.00E-02	8.01E-03	pCi/m3	U
API-6(571858012) - A.C. Iodine	28-Feb-22	Iodine-131	5.00E-03	2.71E-03	1.01E-02	7.00E-02	2.95E-03	pCi/m3	U
API-6(572910012) - A.C. Iodine	8-Mar-22	Iodine-131	1.63E-02	8.35E-03	1.63E-02	7.00E-02	8.40E-03	pCi/m3	UI
API-6(573463012) - A.C. Iodine	15-Mar-22	Iodine-131	-2.27E-03	3.91E-03	1.25E-02	7.00E-02	3.94E-03	pCi/m3	U
API-6(574346012) - A.C. Iodine	22-Mar-22	Iodine-131	4.30E-03	3.61E-03	1.30E-02	7.00E-02	3.75E-03	pCi/m3	U
API-6(575360012) - A.C. Iodine	30-Mar-22	Iodine-131	-4.51E-04	5.22E-03	1.60E-02	7.00E-02	5.22E-03	pCi/m3	U
API-6(575551012) - A.C. Iodine	5-Apr-22	Iodine-131	-1.26E-03	5.20E-03	1.52E-02	7.00E-02	5.21E-03	pCi/m3	U
API-6(576755012) - A.C. Iodine	12-Apr-22	Iodine-131	1.32E-03	4.00E-03	1.38E-02	7.00E-02	4.01E-03	pCi/m3	U
API-6(577423012) - A.C. Iodine	19-Apr-22	Iodine-131	7.32E-03	4.88E-03	1.96E-02	7.00E-02	5.17E-03	pCi/m3	U
API-6(578259012) - A.C. Iodine	26-Apr-22	Iodine-131	4.21E-03	4.72E-03	1.69E-02	7.00E-02	4.82E-03	pCi/m3	U
API-6(578875012) - A.C. Iodine	3-May-22	Iodine-131	4.29E-04	5.17E-03	1.75E-02	7.00E-02	5.17E-03	pCi/m3	U
API-6(579713012) - A.C. Iodine	10-May-22	Iodine-131	6.47E-03	6.50E-03	2.25E-02	7.00E-02	6.68E-03	pCi/m3	U
API-6(580274012) - A.C. Iodine	17-May-22	Iodine-131	-6.27E-03	4.43E-03	1.32E-02	7.00E-02	4.67E-03	pCi/m3	U
API-6(580939012) - A.C. Iodine	23-May-22	Iodine-131	9.75E-03	9.17E-03	9.75E-03	7.00E-02	9.22E-03	pCi/m3	UI
API-6(581485012) - A.C. Iodine	31-May-22	Iodine-131	-4.30E-03	2.87E-03	7.11E-03	7.00E-02	3.05E-03	pCi/m3	U
API-6(582286012) - A.C. Iodine	7-Jun-22	Iodine-131	1.40E-03	5.57E-03	1.87E-02	7.00E-02	5.58E-03	pCi/m3	U
API-6(583027012) - A.C. Iodine	14-Jun-22	Iodine-131	-4.47E-03	6.53E-03	2.02E-02	7.00E-02	6.61E-03	pCi/m3	U
API-6(583788012) - A.C. Iodine	21-Jun-22	Iodine-131	-1.47E-03	5.83E-03	1.87E-02	7.00E-02	5.84E-03	pCi/m3	U

API-6(584402012) - A.C. Iodine	28-Jun-22	Iodine-131	8.01E-03	5.90E-03	2.35E-02	7.00E-02	6.19E-03	pCi/m3	U
API-6(585241012) - A.C. Iodine	5-Jul-22	Iodine-131	4.08E-03	6.16E-03	2.22E-02	7.00E-02	6.23E-03	pCi/m3	U
API-6(585820012) - A.C. Iodine	12-Jul-22	Iodine-131	-2.87E-03	7.63E-03	2.51E-02	7.00E-02	7.66E-03	pCi/m3	U
API-6(587180012) - A.C. Iodine	19-Jul-22	Iodine-131	6.40E-03	6.73E-03	2.42E-02	7.00E-02	6.90E-03	pCi/m3	U
API-6(587533012) - A.C. Iodine	26-Jul-22	Iodine-131	1.59E-03	4.64E-03	1.57E-02	7.00E-02	4.65E-03	pCi/m3	U
API-6(588189012) - A.C. Iodine	2-Aug-22	Iodine-131	2.17E-03	3.82E-03	1.25E-02	7.00E-02	3.85E-03	pCi/m3	U
API-6(589725012) - A.C. Iodine	9-Aug-22	Iodine-131	1.19E-02	8.08E-03	3.15E-02	7.00E-02	8.54E-03	pCi/m3	U
API-6(589890012) - A.C. Iodine	16-Aug-22	Iodine-131	-6.83E-03	4.75E-03	1.43E-02	7.00E-02	5.02E-03	pCi/m3	U
API-6(590758012) - A.C. Iodine	23-Aug-22	Iodine-131	1.75E-02	1.68E-02	5.89E-02	7.00E-02	1.73E-02	pCi/m3	U
API-6(591553012) - A.C. Iodine	29-Aug-22	Iodine-131	-7.70E-06	3.29E-03	1.05E-02	7.00E-02	3.29E-03	pCi/m3	U
API-6(592124012) - A.C. Iodine	6-Sep-22	Iodine-131	-2.20E-03	3.14E-03	1.01E-02	7.00E-02	3.18E-03	pCi/m3	U
API-6(593570012) - A.C. Iodine	13-Sep-22	Iodine-131	1.84E-03	5.75E-03	1.98E-02	7.00E-02	5.77E-03	pCi/m3	U
API-6(594026012) - A.C. Iodine	19-Sep-22	Iodine-131	2.50E-03	3.45E-03	1.25E-02	7.00E-02	3.50E-03	pCi/m3	U
API-6(594705012) - A.C. Iodine	27-Sep-22	Iodine-131	4.76E-03	7.21E-03	2.58E-02	7.00E-02	7.30E-03	pCi/m3	U
API-6(595755012) - A.C. Iodine	4-Oct-22	Iodine-131	-4.43E-03	6.42E-03	2.03E-02	7.00E-02	6.51E-03	pCi/m3	U
API-6(596623012) - A.C. Iodine	11-Oct-22	Iodine-131	-2.98E-03	9.72E-03	2.77E-02	7.00E-02	9.75E-03	pCi/m3	U
API-6(597446012) - A.C. Iodine	18-Oct-22	Iodine-131	1.13E-02	5.15E-03	2.05E-02	7.00E-02	5.79E-03	pCi/m3	U
API-6(598220012) - A.C. Iodine	25-Oct-22	Iodine-131	-6.52E-03	8.79E-03	2.70E-02	7.00E-02	8.92E-03	pCi/m3	U
API-6(599173012) - A.C. Iodine	1-Nov-22	Iodine-131	-1.90E-03	3.34E-03	1.08E-02	7.00E-02	3.37E-03	pCi/m3	U
API-6(600098012) - A.C. Iodine	8-Nov-22	Iodine-131	9.61E-04	5.24E-03	1.81E-02	7.00E-02	5.24E-03	pCi/m3	U
API-6(601009012) - A.C. Iodine	15-Nov-22	Iodine-131	-1.43E-02	1.01E-02	2.79E-02	7.00E-02	1.06E-02	pCi/m3	U
API-6(601905012) - A.C. Iodine	22-Nov-22	Iodine-131	5.50E-03	6.92E-03	2.54E-02	7.00E-02	7.04E-03	pCi/m3	U
API-6(602353012) - A.C. Iodine	29-Nov-22	Iodine-131	-7.07E-04	3.53E-03	1.15E-02	7.00E-02	3.54E-03	pCi/m3	U
API-6(603091012) - A.C. Iodine	6-Dec-22	Iodine-131	-1.43E-03	3.81E-03	1.25E-02	7.00E-02	3.83E-03	pCi/m3	U
API-6(604120012) - A.C. Iodine	13-Dec-22	Iodine-131	-2.87E-03	4.92E-03	1.50E-02	7.00E-02	4.97E-03	pCi/m3	U
API-6(604995012) - A.C. Iodine	20-Dec-22	Iodine-131	-2.62E-03	1.11E-02	3.75E-02	7.00E-02	1.11E-02	pCi/m3	U
API-6(605373012) - A.C. Iodine	27-Dec-22	Iodine-131	6.75E-03	1.52E-02	5.46E-02	7.00E-02	1.53E-02	pCi/m3	U

API-6

A.P. Gross Beta

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Actinium-228	1.01E-03	8.45E-04	3.20E-03		8.78E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Actinium-228	1.62E-03	8.38E-04	2.63E-03		9.22E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Actinium-228	1.32E-03	9.29E-04	2.24E-03		9.80E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Actinium-228	8.69E-04	8.93E-04	2.53E-03		9.16E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Antimony-124	-3.70E-04	6.99E-04	1.99E-03		7.04E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Antimony-124	7.07E-04	3.91E-04	1.66E-03		4.24E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Antimony-124	-1.53E-04	3.46E-04	1.02E-03		3.48E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Antimony-124	7.92E-04	6.22E-04	2.43E-03		6.49E-04	pCi/m3	U

API-6(579326006) - A.P. Gross Beta	30-Mar-22	Antimony-125	-1.12E-04	3.82E-04	1.24E-03		3.83E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Antimony-125	-2.44E-04	2.97E-04	9.19E-04		3.02E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Antimony-125	3.76E-05	2.91E-04	9.69E-04		2.91E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Antimony-125	-5.06E-04	4.22E-04	1.23E-03		4.38E-04	pCi/m3	U
API-6(566527006) - A.P. Gross Beta	4-Jan-22	BETA	5.89E-02	3.30E-03	3.30E-03	1.00E-02	3.31E-03	pCi/m3	
API-6(567492006) - A.P. Gross Beta	11-Jan-22	BETA	5.48E-02	3.21E-03	3.21E-03	1.00E-02	3.21E-03	pCi/m3	
API-6(567962006) - A.P. Gross Beta	18-Jan-22	BETA	6.01E-02	3.27E-03	3.15E-03	1.00E-02	3.27E-03	pCi/m3	
API-6(568655006) - A.P. Gross Beta	25-Jan-22	BETA	3.80E-02	2.71E-03	3.44E-03	1.00E-02	2.72E-03	pCi/m3	
API-6(569337006) - A.P. Gross Beta	1-Feb-22	BETA	4.99E-02	3.09E-03	3.14E-03	1.00E-02	3.10E-03	pCi/m3	
API-6(570005006) - A.P. Gross Beta	8-Feb-22	BETA	5.29E-02	3.09E-03	3.05E-03	1.00E-02	3.09E-03	pCi/m3	
API-6(570716006) - A.P. Gross Beta	15-Feb-22	BETA	4.28E-02	2.79E-03	2.92E-03	1.00E-02	2.80E-03	pCi/m3	
API-6(571211006) - A.P. Gross Beta	21-Feb-22	BETA	4.36E-02	3.21E-03	4.16E-03	1.00E-02	3.21E-03	pCi/m3	
API-6(571858006) - A.P. Gross Beta	28-Feb-22	BETA	3.86E-02	2.70E-03	3.19E-03	1.00E-02	2.70E-03	pCi/m3	
API-6(572910006) - A.P. Gross Beta	8-Mar-22	BETA	4.00E-02	2.57E-03	2.80E-03	1.00E-02	2.57E-03	pCi/m3	
API-6(573463006) - A.P. Gross Beta	15-Mar-22	BETA	4.93E-02	3.06E-03	3.18E-03	1.00E-02	3.06E-03	pCi/m3	
API-6(574346006) - A.P. Gross Beta	22-Mar-22	BETA	3.80E-02	2.76E-03	3.56E-03	1.00E-02	2.77E-03	pCi/m3	
API-6(575360006) - A.P. Gross Beta	30-Mar-22	BETA	2.82E-02	2.24E-03	3.02E-03	1.00E-02	2.25E-03	pCi/m3	
API-6(575551006) - A.P. Gross Beta	5-Apr-22	BETA	3.11E-02	2.69E-03	3.70E-03	1.00E-02	2.69E-03	pCi/m3	
API-6(576755006) - A.P. Gross Beta	12-Apr-22	BETA	3.58E-02	2.69E-03	3.26E-03	1.00E-02	2.69E-03	pCi/m3	
API-6(577423006) - A.P. Gross Beta	19-Apr-22	BETA	3.09E-02	2.56E-03	3.82E-03	1.00E-02	2.56E-03	pCi/m3	
API-6(578259006) - A.P. Gross Beta	26-Apr-22	BETA	3.25E-02	2.58E-03	3.27E-03	1.00E-02	2.58E-03	pCi/m3	
API-6(578875006) - A.P. Gross Beta	3-May-22	BETA	3.12E-02	2.49E-03	3.18E-03	1.00E-02	2.49E-03	pCi/m3	
API-6(579713006) - A.P. Gross Beta	10-May-22	BETA	2.94E-02	2.40E-03	3.21E-03	1.00E-02	2.40E-03	pCi/m3	
API-6(580274006) - A.P. Gross Beta	17-May-22	BETA	3.31E-02	2.61E-03	3.55E-03	1.00E-02	2.61E-03	pCi/m3	
API-6(580939006) - A.P. Gross Beta	23-May-22	BETA	2.93E-02	2.75E-03	4.21E-03	1.00E-02	2.75E-03	pCi/m3	
API-6(581485006) - A.P. Gross Beta	31-May-22	BETA	2.06E-02	1.74E-03	2.57E-03	1.00E-02	1.74E-03	pCi/m3	
API-6(582286006) - A.P. Gross Beta	7-Jun-22	BETA	2.27E-02	1.96E-03	2.95E-03	1.00E-02	1.96E-03	pCi/m3	
API-6(583027006) - A.P. Gross Beta	14-Jun-22	BETA	2.33E-02	1.91E-03	2.50E-03	1.00E-02	1.91E-03	pCi/m3	
API-6(583788006) - A.P. Gross Beta	21-Jun-22	BETA	3.03E-02	2.24E-03	3.09E-03	1.00E-02	2.24E-03	pCi/m3	
API-6(584402006) - A.P. Gross Beta	28-Jun-22	BETA	1.82E-02	1.72E-03	2.46E-03	1.00E-02	1.72E-03	pCi/m3	
API-6(585241006) - A.P. Gross Beta	5-Jul-22	BETA	2.97E-02	2.20E-03	2.97E-03	1.00E-02	2.20E-03	pCi/m3	
API-6(585820006) - A.P. Gross Beta	12-Jul-22	BETA	2.59E-02	2.20E-03	2.96E-03	1.00E-02	2.20E-03	pCi/m3	
API-6(587180006) - A.P. Gross Beta	19-Jul-22	BETA	3.41E-02	2.11E-03	2.19E-03	1.00E-02	2.11E-03	pCi/m3	
API-6(587533006) - A.P. Gross Beta	26-Jul-22	BETA	3.75E-02	2.37E-03	2.64E-03	1.00E-02	2.37E-03	pCi/m3	
API-6(588189006) - A.P. Gross Beta	2-Aug-22	BETA	3.08E-02	2.17E-03	2.56E-03	1.00E-02	2.17E-03	pCi/m3	
API-6(589725006) - A.P. Gross Beta	9-Aug-22	BETA	3.09E-02	2.24E-03	2.98E-03	1.00E-02	2.24E-03	pCi/m3	
API-6(589890006) - A.P. Gross Beta	16-Aug-22	BETA	3.17E-02	2.27E-03	3.01E-03	1.00E-02	2.27E-03	pCi/m3	
API-6(590758006) - A.P. Gross Beta	23-Aug-22	BETA	4.11E-02	2.46E-03	2.54E-03	1.00E-02	2.47E-03	pCi/m3	
API-6(591553006) - A.P. Gross Beta	29-Aug-22	BETA	4.24E-02	2.73E-03	2.98E-03	1.00E-02	2.73E-03	pCi/m3	

API-6(592124006) - A.P. Gross Beta	6-Sep-22	BETA	3.46E-02	2.12E-03	2.23E-03	1.00E-02	2.12E-03	pCi/m3	
API-6(593570006) - A.P. Gross Beta	13-Sep-22	BETA	3.48E-02	2.28E-03	2.47E-03	1.00E-02	2.28E-03	pCi/m3	
API-6(594026006) - A.P. Gross Beta	19-Sep-22	BETA	4.95E-02	2.90E-03	2.87E-03	1.00E-02	2.90E-03	pCi/m3	
API-6(594705006) - A.P. Gross Beta	27-Sep-22	BETA	2.85E-02	1.93E-03	2.11E-03	1.00E-02	1.93E-03	pCi/m3	
API-6(595755006) - A.P. Gross Beta	4-Oct-22	BETA	2.41E-02	1.94E-03	2.46E-03	1.00E-02	1.94E-03	pCi/m3	
API-6(596623006) - A.P. Gross Beta	11-Oct-22	BETA	3.66E-02	2.38E-03	2.79E-03	1.00E-02	2.39E-03	pCi/m3	
API-6(597446006) - A.P. Gross Beta	18-Oct-22	BETA	3.35E-02	2.24E-03	2.49E-03	1.00E-02	2.24E-03	pCi/m3	
API-6(598220006) - A.P. Gross Beta	25-Oct-22	BETA	4.71E-02	2.61E-03	2.50E-03	1.00E-02	2.62E-03	pCi/m3	
API-6(599173006) - A.P. Gross Beta	1-Nov-22	BETA	2.87E-02	2.10E-03	2.52E-03	1.00E-02	2.11E-03	pCi/m3	
API-6(600098006) - A.P. Gross Beta	8-Nov-22	BETA	5.38E-02	2.77E-03	2.46E-03	1.00E-02	2.78E-03	pCi/m3	
API-6(601009006) - A.P. Gross Beta	15-Nov-22	BETA	2.98E-02	2.16E-03	2.52E-03	1.00E-02	2.16E-03	pCi/m3	
API-6(601905006) - A.P. Gross Beta	22-Nov-22	BETA	3.22E-02	2.20E-03	2.48E-03	1.00E-02	2.20E-03	pCi/m3	
API-6(602353006) - A.P. Gross Beta	29-Nov-22	BETA	6.02E-02	3.35E-03	3.16E-03	1.00E-02	3.35E-03	pCi/m3	
API-6(603091006) - A.P. Gross Beta	6-Dec-22	BETA	3.41E-02	2.32E-03	2.67E-03	1.00E-02	2.32E-03	pCi/m3	
API-6(604120006) - A.P. Gross Beta	13-Dec-22	BETA	4.38E-02	2.57E-03	2.63E-03	1.00E-02	2.57E-03	pCi/m3	
API-6(604995006) - A.P. Gross Beta	20-Dec-22	BETA	2.93E-02	2.15E-03	2.64E-03	1.00E-02	2.15E-03	pCi/m3	
API-6(605373006) - A.P. Gross Beta	27-Dec-22	BETA	3.50E-02	2.33E-03	2.66E-03	1.00E-02	2.34E-03	pCi/m3	
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Barium-140	-2.48E-04	4.24E-03	1.38E-02		4.24E-03	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Barium-140	-1.39E-04	2.57E-03	8.33E-03		2.57E-03	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Barium-140	-6.45E-04	3.13E-03	1.01E-02		3.13E-03	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Barium-140	1.15E-03	3.63E-03	1.25E-02		3.64E-03	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Beryllium-7	7.28E-02	6.31E-03	6.47E-03		7.20E-03	pCi/m3	
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Beryllium-7	5.99E-02	4.59E-03	4.96E-03		5.49E-03	pCi/m3	
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Beryllium-7	5.88E-02	4.55E-03	5.04E-03		5.38E-03	pCi/m3	
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Beryllium-7	4.85E-02	4.19E-03	5.30E-03		4.81E-03	pCi/m3	
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Cerium-141	-1.57E-04	3.94E-04	1.23E-03		3.96E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Cerium-141	3.46E-04	2.91E-04	9.73E-04		3.02E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Cerium-141	-3.13E-04	3.71E-04	9.47E-04		3.78E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Cerium-141	-1.06E-04	2.84E-04	8.78E-04		2.85E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Cerium-144	4.79E-04	6.10E-04	2.05E-03		6.21E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Cerium-144	-8.84E-04	5.91E-04	1.72E-03		6.26E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Cerium-144	4.27E-04	5.73E-04	1.87E-03		5.82E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Cerium-144	-1.83E-04	6.40E-04	1.84E-03		6.42E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Cesium-134	-1.05E-04	2.08E-04	6.19E-04	5.00E-02	2.09E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Cesium-134	2.44E-04	1.69E-04	6.31E-04	5.00E-02	1.79E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Cesium-134	6.19E-05	1.39E-04	4.60E-04	5.00E-02	1.39E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Cesium-134	-1.54E-04	1.64E-04	4.68E-04	5.00E-02	1.68E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Cesium-137	2.51E-04	2.41E-04	6.25E-04	6.00E-02	2.42E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Cesium-137	7.46E-05	1.75E-04	5.43E-04	6.00E-02	1.76E-04	pCi/m3	U

API-6(599202006) - A.P. Gross Beta	27-Sep-22	Cesium-137	-3.94E-05	1.08E-04	3.36E-04	6.00E-02	1.08E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Cesium-137	4.04E-04	1.46E-04	4.04E-04	6.00E-02	1.48E-04	pCi/m3	UI
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Chromium-51	3.75E-03	3.17E-03	1.14E-02		3.29E-03	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Chromium-51	-1.06E-03	1.89E-03	6.13E-03		1.90E-03	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Chromium-51	-2.70E-03	1.91E-03	5.91E-03		2.01E-03	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Chromium-51	-2.70E-03	2.40E-03	7.27E-03		2.48E-03	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Cobalt-57	-3.36E-05	8.04E-05	2.26E-04		8.08E-05	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Cobalt-57	1.35E-04	7.81E-05	2.70E-04		8.42E-05	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Cobalt-57	5.79E-05	7.86E-05	2.57E-04		7.97E-05	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Cobalt-57	-1.08E-04	7.18E-05	2.06E-04		7.61E-05	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Cobalt-58	1.54E-05	2.92E-04	9.98E-04		2.92E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Cobalt-58	4.58E-04	1.47E-04	6.07E-04		1.50E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Cobalt-58	1.67E-05	1.61E-04	5.17E-04		1.61E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Cobalt-58	9.93E-06	2.03E-04	6.57E-04		2.03E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Cobalt-60	-1.05E-04	2.10E-04	6.35E-04		2.11E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Cobalt-60	9.69E-05	1.72E-04	5.13E-04		1.74E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Cobalt-60	-2.30E-05	1.41E-04	4.58E-04		1.41E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Cobalt-60	4.30E-05	1.17E-04	4.11E-04		1.18E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Iodine-131	6.89E-03	4.98E-03	1.83E-02		5.23E-03	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Iodine-131	-2.37E-03	2.13E-03	6.60E-03		2.20E-03	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Iodine-131	-5.35E-03	2.88E-03	8.61E-03		3.15E-03	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Iodine-131	1.37E-03	2.80E-03	9.44E-03		2.82E-03	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Iron-59	4.45E-05	6.53E-04	2.19E-03		6.53E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Iron-59	3.51E-04	4.21E-04	1.52E-03		4.29E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Iron-59	-1.94E-04	3.78E-04	1.20E-03		3.80E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Iron-59	2.68E-04	5.83E-04	2.02E-03		5.86E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Lanthanum-140	-3.30E-03	2.59E-03	6.42E-03		2.70E-03	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Lanthanum-140	-7.87E-04	1.37E-03	4.07E-03		1.38E-03	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Lanthanum-140	-1.36E-03	2.14E-03	5.05E-03		2.16E-03	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Lanthanum-140	-6.14E-04	1.54E-03	4.79E-03		1.55E-03	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Manganese-54	3.62E-04	1.87E-04	7.41E-04		2.06E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Manganese-54	-3.83E-05	1.45E-04	4.79E-04		1.45E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Manganese-54	2.49E-05	1.46E-04	4.71E-04		1.46E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Manganese-54	2.94E-04	2.05E-04	6.40E-04		2.17E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Niobium-95	-4.86E-04	3.61E-04	8.74E-04		3.79E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Niobium-95	1.18E-04	2.01E-04	6.69E-04		2.03E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Niobium-95	2.04E-04	2.40E-04	5.02E-04		2.41E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Niobium-95	1.35E-04	1.98E-04	6.87E-04		2.00E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Potassium-40	4.90E-03	3.70E-03	4.90E-03		3.71E-03	pCi/m3	UI

API-6(587809006) - A.P. Gross Beta	28-Jun-22	Potassium-40	1.24E-02	3.28E-03	5.65E-03		3.34E-03	pCi/m3	
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Potassium-40	1.14E-02	3.77E-03	4.32E-03		3.81E-03	pCi/m3	
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Potassium-40	6.92E-03	4.06E-03	6.92E-03		4.07E-03	pCi/m3	UI
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Ruthenium-103	1.79E-04	2.88E-04	9.95E-04		2.91E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Ruthenium-103	-1.26E-04	2.04E-04	6.35E-04		2.06E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Ruthenium-103	-2.30E-04	2.09E-04	6.34E-04		2.15E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Ruthenium-103	1.87E-05	2.15E-04	7.32E-04		2.15E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Ruthenium-106	-4.02E-05	1.77E-03	5.70E-03		1.77E-03	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Ruthenium-106	-2.16E-03	1.22E-03	3.24E-03		1.32E-03	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Ruthenium-106	1.10E-03	1.14E-03	3.96E-03		1.17E-03	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Ruthenium-106	-2.39E-04	1.25E-03	4.06E-03		1.25E-03	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Selenium-75	-1.32E-04	1.80E-04	5.88E-04		1.83E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Selenium-75	-2.89E-04	1.89E-04	5.84E-04		2.01E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Selenium-75	1.21E-04	1.57E-04	5.50E-04		1.60E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Selenium-75	1.48E-05	1.77E-04	5.94E-04		1.77E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Silver-108m	-9.23E-05	1.13E-04	3.47E-04		1.15E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Silver-108m	7.97E-05	1.10E-04	3.79E-04		1.12E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Silver-108m	-8.28E-05	1.08E-04	3.42E-04		1.10E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Silver-108m	8.77E-05	1.22E-04	4.10E-04		1.24E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Silver-110m	1.43E-04	2.61E-04	9.30E-04		2.63E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Silver-110m	3.21E-04	1.83E-04	7.13E-04		1.98E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Silver-110m	1.11E-04	1.61E-04	5.79E-04		1.63E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Silver-110m	-2.29E-04	2.43E-04	7.45E-04		2.49E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Zinc-65	6.82E-04	4.31E-04	1.68E-03		4.60E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Zinc-65	-2.37E-04	3.19E-04	9.22E-04		3.24E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Zinc-65	4.06E-04	2.96E-04	7.56E-04		2.97E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Zinc-65	5.52E-04	3.66E-04	1.42E-03		3.89E-04	pCi/m3	U
API-6(579326006) - A.P. Gross Beta	30-Mar-22	Zirconium-95	3.65E-04	4.61E-04	1.60E-03		4.69E-04	pCi/m3	U
API-6(587809006) - A.P. Gross Beta	28-Jun-22	Zirconium-95	2.43E-04	3.28E-04	1.12E-03		3.33E-04	pCi/m3	U
API-6(599202006) - A.P. Gross Beta	27-Sep-22	Zirconium-95	-8.91E-04	3.49E-04	7.76E-04		4.07E-04	pCi/m3	U
API-6(608967006) - A.P. Gross Beta	27-Dec-22	Zirconium-95	3.35E-04	4.27E-04	1.48E-03		4.34E-04	pCi/m3	U

DW-1

Drinking Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
DW-1(568660003) - Drinking Water	25-Jan-22	Actinium-228	-2.98E+00	3.40E+00	8.12E+00		3.47E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Actinium-228	-5.92E+00	5.01E+00	1.08E+01		5.20E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Actinium-228	-7.17E+00	3.13E+00	8.20E+00		3.55E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Actinium-228	-4.62E+00	4.18E+00	7.73E+00		4.31E+00	pCi/L	U

DW-1(581494003) - Drinking Water	31-May-22	Actinium-228	7.76E-01	3.73E+00	1.01E+01		3.74E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Actinium-228	5.50E+00	4.48E+00	5.94E+00		4.67E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Actinium-228	2.93E+00	4.37E+00	5.69E+00		4.37E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Actinium-228	4.08E+00	3.60E+00	6.65E+00		3.72E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Actinium-228	-2.18E+00	3.28E+00	6.95E+00		3.32E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Actinium-228	8.19E-01	3.69E+00	4.91E+00		3.69E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Actinium-228	3.04E+00	4.54E+00	7.12E+00		4.59E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Actinium-228	-1.96E+00	2.87E+00	7.01E+00		2.91E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Antimony-124	1.80E+00	1.10E+00	4.01E+00		1.18E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Antimony-124	-2.12E-01	1.71E+00	5.48E+00		1.72E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Antimony-124	1.99E+00	1.09E+00	4.10E+00		1.18E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Antimony-124	1.50E+00	1.32E+00	4.64E+00		1.37E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Antimony-124	-1.16E+00	1.99E+00	5.12E+00		2.01E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Antimony-124	-8.23E-02	9.70E-01	3.17E+00		9.71E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Antimony-124	1.23E+00	1.05E+00	3.70E+00		1.09E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Antimony-124	-6.98E-01	1.06E+00	3.36E+00		1.08E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Antimony-124	-1.82E+00	1.21E+00	3.66E+00		1.28E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Antimony-124	-8.74E-01	9.54E-01	3.02E+00		9.76E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Antimony-124	8.22E-02	1.17E+00	3.83E+00		1.17E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Antimony-124	1.54E+00	1.15E+00	3.81E+00		1.21E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Antimony-125	-1.64E-01	1.61E+00	4.56E+00		1.61E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Antimony-125	3.06E+00	1.60E+00	5.52E+00		1.75E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Antimony-125	-3.23E-01	1.76E+00	5.17E+00		1.77E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Antimony-125	5.96E-01	1.44E+00	4.90E+00		1.45E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Antimony-125	-1.22E+00	1.61E+00	5.18E+00		1.64E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Antimony-125	-2.10E+00	9.80E-01	3.08E+00		1.10E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Antimony-125	1.78E+00	2.12E+00	4.44E+00		2.16E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Antimony-125	7.08E-01	1.08E+00	3.74E+00		1.09E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Antimony-125	9.28E-01	1.74E+00	4.03E+00		1.75E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Antimony-125	7.44E-01	1.16E+00	3.90E+00		1.17E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Antimony-125	-8.84E-01	1.21E+00	4.02E+00		1.23E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Antimony-125	-5.99E-01	1.10E+00	3.59E+00		1.11E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	BETA	2.67E+00	1.12E+00	3.22E+00	4.00E+00	1.14E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	BETA	1.40E+00	9.20E-01	2.70E+00	4.00E+00	9.28E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	BETA	2.69E+00	1.19E+00	3.40E+00	4.00E+00	1.21E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	BETA	2.00E+00	1.14E+00	3.37E+00	4.00E+00	1.15E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	BETA	2.49E+00	1.14E+00	3.24E+00	4.00E+00	1.16E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	BETA	2.25E-01	8.04E-01	2.59E+00	4.00E+00	8.05E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	BETA	9.62E-01	9.55E-01	3.01E+00	4.00E+00	9.59E-01	pCi/L	U

DW-1(594838003) - Drinking Water	27-Sep-22	BETA	-1.24E+00	9.67E-01	3.42E+00	4.00E+00	9.67E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	BETA	1.76E+00	9.83E-01	2.83E+00	4.00E+00	9.94E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	BETA	1.35E+00	8.75E-01	2.53E+00	4.00E+00	8.83E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	BETA	1.63E+00	7.96E-01	2.14E+00	4.00E+00	8.08E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Barium-140	1.04E+00	2.59E+00	8.87E+00	1.50E+01	2.60E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Barium-140	-3.03E+00	4.59E+00	1.45E+01	1.50E+01	4.65E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Barium-140	6.38E-02	2.83E+00	9.24E+00	1.50E+01	2.83E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Barium-140	3.67E+00	6.59E+00	9.87E+00	1.50E+01	6.65E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Barium-140	4.45E+00	4.26E+00	1.46E+01	1.50E+01	4.39E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Barium-140	2.24E+00	2.18E+00	7.51E+00	1.50E+01	2.25E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Barium-140	5.47E+00	3.75E+00	8.97E+00	1.50E+01	3.96E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Barium-140	-8.47E+00	3.85E+00	6.53E+00	1.50E+01	4.33E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Barium-140	1.51E+00	2.20E+00	7.33E+00	1.50E+01	2.23E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Barium-140	-5.61E-01	1.80E+00	5.79E+00	1.50E+01	1.81E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Barium-140	-3.19E+00	3.26E+00	1.06E+01	1.50E+01	3.35E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Barium-140	2.83E+00	1.87E+00	5.90E+00	1.50E+01	1.98E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Beryllium-7	9.21E+00	5.12E+00	1.56E+01		5.55E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Beryllium-7	1.49E+01	7.89E+00	1.86E+01		7.92E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Beryllium-7	2.18E+00	4.89E+00	1.63E+01		4.91E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Beryllium-7	-4.42E+00	4.57E+00	1.48E+01		4.68E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Beryllium-7	8.90E-01	5.65E+00	1.88E+01		5.66E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Beryllium-7	5.36E+00	3.39E+00	1.19E+01		3.62E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Beryllium-7	-6.61E+00	4.07E+00	1.30E+01		4.36E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Beryllium-7	-1.75E+00	3.31E+00	1.10E+01		3.33E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Beryllium-7	-3.64E+00	3.71E+00	1.18E+01		3.81E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Beryllium-7	3.51E+00	3.73E+00	1.26E+01		3.82E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Beryllium-7	2.29E+00	4.00E+00	1.36E+01		4.04E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Beryllium-7	4.28E+00	3.61E+00	1.24E+01		3.75E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Cerium-141	2.93E+00	2.09E+00	2.93E+00		2.10E+00	pCi/L	UI
DW-1(571927003) - Drinking Water	28-Feb-22	Cerium-141	2.53E-01	9.20E-01	3.16E+00		9.22E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Cerium-141	-2.90E-01	1.14E+00	3.54E+00		1.14E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Cerium-141	-2.24E+00	1.63E+00	3.42E+00		1.71E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Cerium-141	9.82E-01	1.83E+00	3.37E+00		1.83E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Cerium-141	-2.60E+00	7.67E-01	2.29E+00		9.78E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Cerium-141	-6.20E+00	1.43E+00	2.76E+00		2.03E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Cerium-141	2.27E+00	1.47E+00	2.27E+00		1.48E+00	pCi/L	UI
DW-1(594838003) - Drinking Water	27-Sep-22	Cerium-141	-4.52E-01	8.24E-01	2.45E+00		8.30E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Cerium-141	-2.99E+00	1.28E+00	2.40E+00		1.45E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Cerium-141	2.00E+00	1.07E+00	3.30E+00		1.17E+00	pCi/L	U

DW-1(605370003) - Drinking Water	27-Dec-22	Cerium-141	1.91E-01	7.52E-01	2.24E+00		7.53E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Cerium-144	-3.67E+00	3.36E+00	1.12E+01		3.47E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Cerium-144	1.99E+00	3.14E+00	1.09E+01		3.17E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Cerium-144	-2.74E+00	4.05E+00	1.25E+01		4.10E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Cerium-144	2.93E+00	3.74E+00	1.23E+01		3.80E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Cerium-144	1.57E+00	3.43E+00	1.12E+01		3.45E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Cerium-144	-5.48E+00	3.43E+00	8.15E+00		3.66E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Cerium-144	4.62E+00	3.29E+00	1.09E+01		3.46E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Cerium-144	2.62E+00	2.70E+00	9.05E+00		2.77E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Cerium-144	-1.49E+00	2.83E+00	9.19E+00		2.85E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Cerium-144	-6.44E-01	2.98E+00	9.53E+00		2.99E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Cerium-144	3.16E+00	3.12E+00	1.06E+01		3.21E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Cerium-144	-6.42E-01	2.85E+00	9.11E+00		2.85E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Cesium-134	1.07E+00	6.29E-01	1.93E+00	1.50E+01	6.77E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Cesium-134	2.57E+00	9.83E-01	2.57E+00	1.50E+01	1.24E+00	pCi/L	UI
DW-1(575361003) - Drinking Water	30-Mar-22	Cesium-134	1.07E+00	6.67E-01	2.10E+00	1.50E+01	7.13E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Cesium-134	8.62E-01	5.69E-01	1.95E+00	1.50E+01	6.04E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Cesium-134	3.44E-01	8.07E-01	2.62E+00	1.50E+01	8.11E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Cesium-134	1.42E+00	5.49E-01	1.52E+00	1.50E+01	6.41E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Cesium-134	3.36E-01	5.53E-01	1.83E+00	1.50E+01	5.58E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Cesium-134	-7.10E-02	4.61E-01	1.49E+00	1.50E+01	4.61E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Cesium-134	3.12E-01	4.74E-01	1.64E+00	1.50E+01	4.80E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Cesium-134	-1.11E-01	4.56E-01	1.53E+00	1.50E+01	4.57E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Cesium-134	1.03E+00	7.06E-01	1.72E+00	1.50E+01	7.46E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Cesium-134	3.22E-01	4.70E-01	1.55E+00	1.50E+01	4.76E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Cesium-137	2.54E-01	5.28E-01	1.80E+00	1.80E+01	5.32E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Cesium-137	3.20E-01	7.31E-01	2.37E+00	1.80E+01	7.35E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Cesium-137	-5.06E-01	5.56E-01	1.71E+00	1.80E+01	5.68E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Cesium-137	8.13E-01	5.46E-01	1.88E+00	1.80E+01	5.79E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Cesium-137	-1.01E-01	7.10E-01	2.27E+00	1.80E+01	7.10E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Cesium-137	2.37E-02	3.90E-01	1.28E+00	1.80E+01	3.90E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Cesium-137	-1.66E+00	9.20E-01	1.63E+00	1.80E+01	9.99E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Cesium-137	8.76E-01	5.33E-01	1.37E+00	1.80E+01	5.34E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Cesium-137	1.08E+00	1.08E+00	1.40E+00	1.80E+01	1.08E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Cesium-137	7.22E-01	1.23E+00	1.53E+00	1.80E+01	1.23E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Cesium-137	-1.65E-01	4.99E-01	1.63E+00	1.80E+01	5.00E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Cesium-137	1.11E+00	4.70E-01	1.66E+00	1.80E+01	5.37E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Chromium-51	4.60E+00	5.24E+00	1.74E+01		5.34E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Chromium-51	7.60E+00	6.40E+00	2.18E+01		6.64E+00	pCi/L	U

DW-1(575361003) - Drinking Water	30-Mar-22	Chromium-51	-5.20E+00	5.41E+00	1.77E+01		5.55E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Chromium-51	-9.97E+00	5.26E+00	1.72E+01		5.76E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Chromium-51	-1.99E+00	5.82E+00	1.94E+01		5.84E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Chromium-51	3.04E+00	3.59E+00	1.25E+01		3.66E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Chromium-51	2.75E+00	4.78E+00	1.59E+01		4.82E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Chromium-51	-7.35E-01	4.20E+00	1.31E+01		4.20E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Chromium-51	-3.34E+00	4.15E+00	1.39E+01		4.23E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Chromium-51	-7.92E-01	3.70E+00	1.24E+01		3.70E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Chromium-51	-7.62E+00	5.50E+00	1.71E+01		5.78E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Chromium-51	-2.78E+00	3.46E+00	1.15E+01		3.52E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Cobalt-57	5.00E-01	4.52E-01	1.57E+00		4.67E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Cobalt-57	1.58E-01	3.96E-01	1.37E+00		3.98E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Cobalt-57	9.19E-02	5.32E-01	1.69E+00		5.32E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Cobalt-57	7.27E-01	5.06E-01	1.69E+00		5.35E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Cobalt-57	2.22E-01	4.48E-01	1.46E+00		4.51E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Cobalt-57	3.80E-01	3.27E-01	1.08E+00		3.38E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Cobalt-57	1.48E-01	4.30E-01	1.41E+00		4.32E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Cobalt-57	-1.83E-01	3.53E-01	1.15E+00		3.55E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Cobalt-57	1.08E-02	3.74E-01	1.24E+00		3.74E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Cobalt-57	5.01E-01	3.83E-01	1.27E+00		4.01E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Cobalt-57	-1.62E-01	4.03E-01	1.35E+00		4.05E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Cobalt-57	-1.28E-01	3.69E-01	1.18E+00		3.70E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Cobalt-58	-4.49E-02	5.96E-01	1.72E+00	1.50E+01	5.96E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Cobalt-58	-5.86E-01	7.06E-01	2.32E+00	1.50E+01	7.19E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Cobalt-58	8.58E-01	5.84E-01	1.99E+00	1.50E+01	6.17E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Cobalt-58	-1.50E+00	9.17E-01	1.74E+00	1.50E+01	9.82E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Cobalt-58	-2.54E-01	6.35E-01	2.11E+00	1.50E+01	6.37E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Cobalt-58	-2.64E-01	3.80E-01	1.19E+00	1.50E+01	3.85E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Cobalt-58	3.58E-01	4.92E-01	1.64E+00	1.50E+01	4.99E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Cobalt-58	-1.27E-01	4.13E-01	1.33E+00	1.50E+01	4.14E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Cobalt-58	-8.86E-02	4.43E-01	1.48E+00	1.50E+01	4.43E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Cobalt-58	-2.45E-01	4.04E-01	1.33E+00	1.50E+01	4.08E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Cobalt-58	5.67E-01	4.81E-01	1.62E+00	1.50E+01	4.99E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Cobalt-58	-2.73E-01	4.12E-01	1.26E+00	1.50E+01	4.17E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Cobalt-60	-4.00E-01	5.27E-01	1.71E+00	1.50E+01	5.36E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Cobalt-60	-1.39E+00	7.89E-01	2.36E+00	1.50E+01	8.53E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Cobalt-60	5.18E-01	6.16E-01	2.13E+00	1.50E+01	6.28E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Cobalt-60	-2.73E+00	1.03E+00	1.74E+00	1.50E+01	1.22E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Cobalt-60	5.41E-01	7.94E-01	2.71E+00	1.50E+01	8.04E-01	pCi/L	U

DW-1(584387003) - Drinking Water	28-Jun-22	Cobalt-60	-1.84E-01	3.81E-01	1.24E+00	1.50E+01	3.84E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Cobalt-60	-8.86E-02	4.87E-01	1.61E+00	1.50E+01	4.88E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Cobalt-60	3.50E-03	4.65E-01	1.57E+00	1.50E+01	4.65E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Cobalt-60	2.68E-01	4.58E-01	1.52E+00	1.50E+01	4.62E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Cobalt-60	8.38E-01	4.54E-01	1.62E+00	1.50E+01	4.95E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Cobalt-60	-5.78E-01	4.51E-01	1.41E+00	1.50E+01	4.72E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Cobalt-60	-6.72E-02	4.70E-01	1.53E+00	1.50E+01	4.70E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Iodine-131	-2.90E-01	1.06E+00	3.41E+00		1.07E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Iodine-131	-3.46E+00	1.69E+00	5.26E+00		1.88E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Iodine-131	4.50E-01	1.13E+00	3.80E+00		1.13E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Iodine-131	5.27E-02	1.25E+00	4.25E+00		1.25E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Iodine-131	-3.23E+00	2.07E+00	5.01E+00		2.21E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Iodine-131	-4.11E-01	8.23E-01	2.75E+00		8.29E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Iodine-131	-1.85E+00	9.69E-01	3.15E+00		1.06E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Iodine-131	3.54E-01	7.21E-01	2.51E+00	1.50E+01	7.26E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Iodine-131	-3.47E-01	8.16E-01	2.71E+00	1.50E+01	8.20E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Iodine-131	7.48E-01	5.31E-01	1.84E+00	1.50E+01	5.59E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Iodine-131	6.64E-01	1.57E+00	5.05E+00	1.50E+01	1.58E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Iodine-131	2.85E-01	6.09E-01	1.87E+00	1.50E+01	6.13E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Iron-59	-6.80E-01	1.06E+00	3.29E+00	3.00E+01	1.07E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Iron-59	3.99E-01	1.53E+00	5.12E+00	3.00E+01	1.53E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Iron-59	1.09E+00	1.22E+00	4.26E+00	3.00E+01	1.25E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Iron-59	2.94E-01	1.02E+00	3.50E+00	3.00E+01	1.02E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Iron-59	-1.95E+00	1.45E+00	4.38E+00	3.00E+01	1.52E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Iron-59	2.50E-01	7.90E-01	2.72E+00	3.00E+01	7.92E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Iron-59	-7.67E-02	8.71E-01	2.94E+00	3.00E+01	8.71E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Iron-59	-7.40E-01	9.04E-01	2.74E+00	3.00E+01	9.21E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Iron-59	-1.39E+00	8.98E-01	2.71E+00	3.00E+01	9.56E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Iron-59	2.69E+00	8.42E-01	2.69E+00	3.00E+01	1.11E+00	pCi/L	UI
DW-1(602376003) - Drinking Water	29-Nov-22	Iron-59	7.61E-01	9.93E-01	3.43E+00	3.00E+01	1.01E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Iron-59	-1.58E+00	8.94E-01	2.74E+00	3.00E+01	9.69E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Lanthanum-140	5.64E-01	1.01E+00	3.42E+00	1.50E+01	1.01E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Lanthanum-140	-2.73E+00	1.61E+00	4.66E+00	1.50E+01	1.73E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Lanthanum-140	6.28E-01	1.04E+00	3.51E+00	1.50E+01	1.05E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Lanthanum-140	-1.26E+00	1.01E+00	3.04E+00	1.50E+01	1.05E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Lanthanum-140	-8.60E-01	1.42E+00	4.33E+00	1.50E+01	1.44E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Lanthanum-140	9.41E-01	7.80E-01	2.51E+00	1.50E+01	8.11E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Lanthanum-140	-1.01E+00	7.46E-01	2.23E+00	1.50E+01	7.82E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Lanthanum-140	-1.38E+00	7.64E-01	2.24E+00	1.50E+01	8.30E-01	pCi/L	U

DW-1(594838003) - Drinking Water	27-Sep-22	Lanthanum-140	-7.88E-01	8.74E-01	2.78E+00	1.50E+01	8.93E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Lanthanum-140	-1.73E-01	6.31E-01	2.10E+00	1.50E+01	6.32E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Lanthanum-140	-1.31E+00	1.24E+00	3.21E+00	1.50E+01	1.28E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Lanthanum-140	-1.14E+00	6.74E-01	1.94E+00	1.50E+01	7.25E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Manganese-54	-2.70E-01	5.04E-01	1.63E+00	1.50E+01	5.08E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Manganese-54	2.01E-01	6.27E-01	2.14E+00	1.50E+01	6.29E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Manganese-54	-1.05E+00	7.50E-01	1.67E+00	1.50E+01	7.90E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Manganese-54	1.34E-01	5.31E-01	1.72E+00	1.50E+01	5.32E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Manganese-54	1.18E+00	7.49E-01	2.19E+00	1.50E+01	7.50E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Manganese-54	2.86E-02	3.74E-01	1.21E+00	1.50E+01	3.75E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Manganese-54	8.87E-01	5.04E-01	1.73E+00	1.50E+01	5.46E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Manganese-54	3.57E-01	4.09E-01	1.38E+00	1.50E+01	4.17E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Manganese-54	-1.94E-01	4.34E-01	1.43E+00	1.50E+01	4.37E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Manganese-54	-6.60E-01	4.00E-01	1.26E+00	1.50E+01	4.29E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Manganese-54	5.56E-02	4.60E-01	1.50E+00	1.50E+01	4.60E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Manganese-54	-2.37E-02	5.11E-01	1.44E+00	1.50E+01	5.11E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Niobium-95	1.62E+00	5.48E-01	1.99E+00	1.50E+01	6.66E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Niobium-95	1.22E-01	6.77E-01	2.31E+00	1.50E+01	6.77E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Niobium-95	-1.80E+00	1.04E+00	1.94E+00	1.50E+01	1.12E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Niobium-95	-1.06E-01	5.74E-01	1.84E+00	1.50E+01	5.74E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Niobium-95	-1.07E+00	8.35E-01	2.47E+00	1.50E+01	8.72E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Niobium-95	2.67E-01	4.58E-01	1.37E+00	1.50E+01	4.63E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Niobium-95	6.30E-01	4.87E-01	1.66E+00	1.50E+01	5.09E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Niobium-95	2.99E-01	4.20E-01	1.42E+00	1.50E+01	4.26E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Niobium-95	9.85E-01	4.45E-01	1.62E+00	1.50E+01	5.01E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Niobium-95	2.32E-01	4.17E-01	1.44E+00	1.50E+01	4.20E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Niobium-95	-2.94E-02	5.01E-01	1.63E+00	1.50E+01	5.01E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Niobium-95	-5.33E-01	5.87E-01	1.32E+00	1.50E+01	6.00E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Potassium-40	4.78E-01	1.39E+01	2.59E+01		1.39E+01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Potassium-40	2.11E+01	2.29E+01	2.11E+01		2.30E+01	pCi/L	UI
DW-1(575361003) - Drinking Water	30-Mar-22	Potassium-40	2.35E+00	1.07E+01	2.61E+01		1.07E+01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Potassium-40	-1.30E+01	1.40E+01	3.33E+01		1.43E+01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Potassium-40	-1.99E+01	1.27E+01	2.91E+01		1.35E+01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Potassium-40	3.36E+01	7.67E+00	1.30E+01		7.83E+00	pCi/L	
DW-1(587548003) - Drinking Water	26-Jul-22	Potassium-40	-1.66E+01	8.51E+00	2.14E+01		9.36E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Potassium-40	-2.48E+01	8.10E+00	2.15E+01		9.98E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Potassium-40	3.50E+00	1.31E+01	1.31E+01		1.31E+01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Potassium-40	-2.10E+00	9.76E+00	2.20E+01		9.77E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Potassium-40	-1.40E+01	1.01E+01	2.12E+01		1.06E+01	pCi/L	U

DW-1(605370003) - Drinking Water	27-Dec-22	Potassium-40	4.93E+00	9.46E+00	2.56E+01		9.53E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Ruthenium-103	-7.13E-01	6.15E-01	1.88E+00		6.37E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Ruthenium-103	-3.81E-01	8.15E-01	2.30E+00		8.19E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Ruthenium-103	-1.23E+00	6.18E-01	1.87E+00		6.82E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Ruthenium-103	-1.58E+00	8.81E-01	1.88E+00		9.55E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Ruthenium-103	5.76E-03	8.03E-01	2.36E+00		8.03E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Ruthenium-103	-7.87E-01	4.47E-01	1.41E+00		4.83E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Ruthenium-103	-2.09E-02	5.40E-01	1.80E+00		5.40E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Ruthenium-103	3.57E-03	4.32E-01	1.31E+00		4.32E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Ruthenium-103	-2.69E-01	4.84E-01	1.38E+00		4.88E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Ruthenium-103	-5.49E-01	4.50E-01	1.24E+00		4.68E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Ruthenium-103	-1.03E+00	5.45E-01	1.75E+00		5.97E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Ruthenium-103	1.85E-01	4.49E-01	1.50E+00		4.51E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Ruthenium-106	1.06E+00	4.79E+00	1.43E+01		4.79E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Ruthenium-106	-7.21E-01	6.11E+00	1.95E+01		6.12E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Ruthenium-106	1.41E+01	4.92E+00	1.79E+01		5.93E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Ruthenium-106	2.00E+00	4.30E+00	1.44E+01		4.33E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Ruthenium-106	1.89E+00	5.88E+00	1.93E+01		5.90E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Ruthenium-106	2.98E+00	3.10E+00	1.06E+01		3.18E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Ruthenium-106	1.30E+01	6.57E+00	1.34E+01		6.60E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Ruthenium-106	2.95E+00	3.51E+00	1.21E+01		3.58E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Ruthenium-106	-3.74E+00	3.97E+00	1.23E+01		4.07E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Ruthenium-106	-2.65E+00	3.95E+00	1.24E+01		4.00E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Ruthenium-106	3.88E+00	4.18E+00	1.42E+01		4.28E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Ruthenium-106	-8.74E-01	3.94E+00	1.27E+01		3.95E+00	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Selenium-75	-5.05E-01	6.93E-01	2.24E+00		7.03E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Selenium-75	-3.57E-01	7.23E-01	2.39E+00		7.28E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Selenium-75	3.08E-01	7.47E-01	2.56E+00		7.50E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Selenium-75	-8.30E-01	7.83E-01	2.37E+00		8.07E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Selenium-75	8.82E-02	7.21E-01	2.47E+00		7.21E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Selenium-75	4.38E-01	5.46E-01	1.74E+00		5.56E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Selenium-75	5.46E-01	6.69E-01	2.13E+00		6.81E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Selenium-75	-1.16E+00	5.93E-01	1.77E+00		6.53E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Selenium-75	-3.17E-01	6.15E-01	1.89E+00		6.19E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Selenium-75	-2.86E-01	5.78E-01	1.86E+00		5.81E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Selenium-75	2.11E-01	6.66E-01	2.17E+00		6.67E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Selenium-75	-1.40E-01	5.39E-01	1.84E+00		5.40E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Silver-108m	-1.19E+00	7.76E-01	1.45E+00		8.25E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Silver-108m	5.15E-01	5.30E-01	1.78E+00		5.44E-01	pCi/L	U

DW-1(575361003) - Drinking Water	30-Mar-22	Silver-108m	-3.86E-01	5.51E-01	1.57E+00		5.58E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Silver-108m	-5.20E-01	4.49E-01	1.46E+00		4.65E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Silver-108m	4.72E-01	5.56E-01	1.90E+00		5.67E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Silver-108m	6.58E-01	3.13E-01	1.12E+00		3.49E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Silver-108m	-9.29E-01	8.32E-01	1.52E+00		8.60E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Silver-108m	8.06E-02	3.42E-01	1.17E+00		3.42E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Silver-108m	-3.74E-01	3.90E-01	1.19E+00		4.00E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Silver-108m	-2.93E-01	3.70E-01	1.19E+00		3.76E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Silver-108m	1.84E-01	3.99E-01	1.36E+00		4.01E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Silver-108m	2.17E-01	3.85E-01	1.31E+00		3.89E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Silver-110m	-9.86E-01	6.37E-01	1.94E+00		6.78E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Silver-110m	1.01E-01	8.33E-01	2.82E+00		8.33E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Silver-110m	-3.66E-02	7.22E-01	2.45E+00		7.22E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Silver-110m	-1.11E+00	6.54E-01	1.90E+00		7.04E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Silver-110m	5.10E-01	9.58E-01	3.32E+00		9.65E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Silver-110m	-4.89E-01	4.93E-01	1.50E+00		5.06E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Silver-110m	1.09E+00	6.40E-01	2.20E+00		6.88E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Silver-110m	-3.89E-02	5.58E-01	1.80E+00		5.58E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Silver-110m	1.61E-01	6.25E-01	2.11E+00		6.27E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Silver-110m	2.96E-01	5.23E-01	1.80E+00		5.27E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Silver-110m	-3.67E-02	5.97E-01	1.92E+00		5.97E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Silver-110m	1.28E+00	5.94E-01	2.01E+00		6.65E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Strontium-89	-8.76E-01	2.89E-01	1.23E+00	1.00E+01	6.43E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Strontium-89	-1.32E+00	5.10E-01	1.97E+00	1.00E+01	6.32E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Strontium-89	-1.32E+00	8.04E-01	2.89E+00	1.00E+01	9.34E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Strontium-89	1.87E+00	9.59E-01	2.89E+00	1.00E+01	1.05E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Strontium-89	-5.86E-01	4.39E-01	1.57E+00	1.00E+01	5.36E-01	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Strontium-89	-2.04E+00	4.66E-01	2.01E+00	1.00E+01	8.56E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Strontium-89	1.44E+00	8.86E-01	2.71E+00	1.00E+01	9.84E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Strontium-89	-3.56E-01	2.72E-01	9.98E-01	1.00E+01	4.82E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Strontium-89	-7.23E-02	4.09E-01	1.37E+00	1.00E+01	5.65E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Strontium-89	4.52E-01	5.26E-01	1.64E+00	1.00E+01	6.84E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Strontium-89	1.49E-01	3.90E-01	1.24E+00	1.00E+01	5.03E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Strontium-89	-1.62E+00	6.03E-01	2.33E+00	1.00E+01	6.88E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Strontium-90	7.58E-02	4.93E-01	1.71E+00	2.00E+00	5.23E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Strontium-90	-4.28E-01	4.08E-01	1.79E+00	2.00E+00	5.20E-01	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Strontium-90	-1.31E-01	5.05E-01	1.76E+00	2.00E+00	5.27E-01	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Strontium-90	-1.33E+00	3.72E-01	1.72E+00	2.00E+00	4.07E-01	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Strontium-90	4.25E-01	2.73E-01	1.10E+00	2.00E+00	3.81E-01	pCi/L	U

DW-1(584387003) - Drinking Water	28-Jun-22	Strontium-90	1.61E+00	4.87E-01	1.68E+00	2.00E+00	6.21E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Strontium-90	-4.63E-01	4.00E-01	1.55E+00	2.00E+00	4.31E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Strontium-90	3.37E-02	3.74E-01	1.52E+00	2.00E+00	4.65E-01	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Strontium-90	-1.79E+00	3.26E-01	1.82E+00	2.00E+00	4.68E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Strontium-90	-3.30E-01	3.55E-01	1.56E+00	2.00E+00	4.49E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Strontium-90	7.39E-02	3.02E-01	1.06E+00	2.00E+00	3.29E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Strontium-90	-2.66E-01	3.84E-01	1.53E+00	2.00E+00	4.49E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Thorium-228	2.97E+00	2.39E+00	3.98E+00		2.49E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Thorium-228	1.26E+00	2.29E+00	4.24E+00		2.31E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Thorium-228	1.36E+00	2.63E+00	3.39E+00		2.63E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Thorium-228	5.47E-01	2.44E+00	3.45E+00		2.45E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Thorium-228	2.23E+00	2.41E+00	3.14E+00		2.41E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Thorium-228	6.19E-02	1.70E+00	2.88E+00		1.70E+00	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Thorium-228	1.25E+00	2.18E+00	3.54E+00		2.20E+00	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Thorium-228	6.59E-01	1.70E+00	3.21E+00		1.70E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Thorium-228	8.51E-01	1.83E+00	3.24E+00		1.84E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Thorium-228	3.87E-01	1.81E+00	3.34E+00		1.81E+00	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Thorium-228	2.42E+00	2.10E+00	3.66E+00		2.18E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Thorium-228	-2.70E+00	1.49E+00	3.90E+00		1.62E+00	pCi/L	U
DW-1(579411003) - Drinking Water	28-Feb-22	Tritium	-1.11E+02	1.38E+02	4.67E+02	5.00E+02	1.38E+02	pCi/L	U
DW-1(588446003) - Drinking Water	28-Jun-22	Tritium	5.76E+01	8.99E+01	2.82E+02	5.00E+02	9.01E+01	pCi/L	U
DW-1(599851003) - Drinking Water	27-Sep-22	Tritium	1.81E+02	1.00E+02	3.10E+02	5.00E+02	1.02E+02	pCi/L	U
DW-1(609162003) - Drinking Water	27-Dec-22	Tritium	1.90E+02	1.31E+02	4.06E+02	5.00E+02	1.32E+02	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Zinc-65	1.32E-02	1.08E+00	3.47E+00	3.00E+01	1.08E+00	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Zinc-65	-7.14E-01	1.41E+00	4.57E+00	3.00E+01	1.42E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Zinc-65	-8.63E-01	1.21E+00	3.91E+00	3.00E+01	1.23E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Zinc-65	1.15E+00	1.08E+00	3.83E+00	3.00E+01	1.12E+00	pCi/L	U
DW-1(581494003) - Drinking Water	31-May-22	Zinc-65	-2.04E+00	1.43E+00	4.30E+00	3.00E+01	1.50E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Zinc-65	-5.36E-01	8.46E-01	2.42E+00	3.00E+01	8.55E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Zinc-65	5.33E-01	8.95E-01	3.11E+00	3.00E+01	9.03E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Zinc-65	2.17E+00	8.81E-01	3.20E+00	3.00E+01	1.02E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Zinc-65	1.80E+00	1.08E+00	3.40E+00	3.00E+01	1.15E+00	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Zinc-65	-4.04E-01	8.28E-01	2.66E+00	3.00E+01	8.34E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Zinc-65	2.01E+00	9.53E-01	3.10E+00	3.00E+01	1.06E+00	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Zinc-65	1.01E+00	9.24E-01	3.24E+00	3.00E+01	9.54E-01	pCi/L	U
DW-1(568660003) - Drinking Water	25-Jan-22	Zirconium-95	-5.30E-01	9.02E-01	2.92E+00	1.50E+01	9.11E-01	pCi/L	U
DW-1(571927003) - Drinking Water	28-Feb-22	Zirconium-95	-2.70E-01	1.31E+00	4.43E+00	1.50E+01	1.32E+00	pCi/L	U
DW-1(575361003) - Drinking Water	30-Mar-22	Zirconium-95	1.20E+00	1.04E+00	3.21E+00	1.50E+01	1.08E+00	pCi/L	U
DW-1(578242003) - Drinking Water	26-Apr-22	Zirconium-95	1.19E+00	9.61E-01	3.27E+00	1.50E+01	1.00E+00	pCi/L	U

DW-1(581494003) - Drinking Water	31-May-22	Zirconium-95	3.30E+00	1.34E+00	4.82E+00	1.50E+01	1.54E+00	pCi/L	U
DW-1(584387003) - Drinking Water	28-Jun-22	Zirconium-95	4.75E-01	6.22E-01	2.09E+00	1.50E+01	6.32E-01	pCi/L	U
DW-1(587548003) - Drinking Water	26-Jul-22	Zirconium-95	4.15E-01	8.94E-01	2.95E+00	1.50E+01	8.99E-01	pCi/L	U
DW-1(591563003) - Drinking Water	29-Aug-22	Zirconium-95	-2.61E+00	1.21E+00	2.35E+00	1.50E+01	1.35E+00	pCi/L	U
DW-1(594838003) - Drinking Water	27-Sep-22	Zirconium-95	-9.97E-01	7.75E-01	2.50E+00	1.50E+01	8.10E-01	pCi/L	U
DW-1(598250003) - Drinking Water	25-Oct-22	Zirconium-95	-5.32E-01	7.41E-01	2.46E+00	1.50E+01	7.52E-01	pCi/L	U
DW-1(602376003) - Drinking Water	29-Nov-22	Zirconium-95	8.27E-01	8.78E-01	2.95E+00	1.50E+01	8.99E-01	pCi/L	U
DW-1(605370003) - Drinking Water	27-Dec-22	Zirconium-95	-6.04E-01	7.26E-01	2.22E+00	1.50E+01	7.39E-01	pCi/L	U

DW-1QC
Drinking Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
DW-1QC(568660004) - Drinking Water	25-Jan-22	Actinium-228	5.04E+00	3.95E+00	5.04E+00		3.96E+00	pCi/L	UI
DW-1QC(571927004) - Drinking Water	28-Feb-22	Actinium-228	3.92E+00	3.21E+00	7.10E+00		3.34E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Actinium-228	2.49E+00	7.17E+00	1.24E+01		7.19E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Actinium-228	-3.27E+00	4.73E+00	1.16E+01		4.80E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Actinium-228	4.39E+00	2.73E+00	9.53E+00		2.92E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Actinium-228	1.78E+00	6.16E+00	1.12E+01		6.18E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Actinium-228	1.27E+00	2.66E+00	5.94E+00		2.68E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Actinium-228	1.97E+00	5.04E+00	7.37E+00		5.06E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Actinium-228	-6.24E+00	3.18E+00	6.99E+00		3.50E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Actinium-228	7.09E+00	2.48E+00	6.15E+00		2.50E+00	pCi/L	
DW-1QC(602376004) - Drinking Water	29-Nov-22	Actinium-228	-1.13E+01	5.82E+00	1.20E+01		6.40E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Actinium-228	1.62E+00	4.24E+00	8.30E+00		4.26E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Antimony-124	-3.00E+00	1.26E+00	3.46E+00		1.44E+00	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Antimony-124	-3.63E+00	1.38E+00	2.98E+00		1.62E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Antimony-124	1.64E+00	2.01E+00	6.98E+00		2.05E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Antimony-124	-8.68E-01	1.94E+00	6.10E+00		1.95E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Antimony-124	6.28E-01	1.40E+00	4.85E+00		1.41E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Antimony-124	1.47E-01	1.72E+00	5.78E+00		1.72E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Antimony-124	-2.79E-01	1.12E+00	3.10E+00		1.12E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Antimony-124	-1.34E-01	1.15E+00	3.74E+00		1.15E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Antimony-124	1.30E+00	1.04E+00	3.35E+00		1.08E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Antimony-124	-4.31E+00	1.78E+00	3.49E+00		2.04E+00	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Antimony-124	3.75E+00	2.21E+00	8.30E+00		2.38E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Antimony-124	-1.71E+00	1.24E+00	3.75E+00		1.30E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Antimony-125	5.06E-01	1.17E+00	3.98E+00		1.18E+00	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Antimony-125	1.96E+00	1.91E+00	4.46E+00		1.97E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Antimony-125	-4.30E-01	1.86E+00	6.29E+00		1.86E+00	pCi/L	U

DW-1QC(578242004) - Drinking Water	26-Apr-22	Antimony-125	-7.60E-01	1.79E+00	6.03E+00		1.80E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Antimony-125	1.10E+00	1.86E+00	6.14E+00		1.88E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Antimony-125	2.18E+00	1.64E+00	5.70E+00		1.72E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Antimony-125	2.73E+00	1.39E+00	3.52E+00		1.53E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Antimony-125	1.19E+00	1.26E+00	4.34E+00		1.29E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Antimony-125	-5.50E-01	1.29E+00	4.31E+00		1.30E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Antimony-125	8.47E-01	1.35E+00	4.43E+00		1.37E+00	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Antimony-125	2.04E-01	1.99E+00	6.71E+00		1.99E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Antimony-125	5.01E-01	1.29E+00	4.27E+00		1.30E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	BETA	2.51E+00	1.19E+00	3.49E+00	4.00E+00	1.20E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	BETA	1.35E-01	1.03E+00	3.35E+00	4.00E+00	1.03E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	BETA	2.28E+00	1.03E+00	2.88E+00	4.00E+00	1.05E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	BETA	-4.97E-01	9.01E-01	3.07E+00	4.00E+00	9.01E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	BETA	8.25E-01	8.07E-01	2.43E+00	4.00E+00	8.10E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	BETA	1.18E+00	9.27E-01	2.75E+00	4.00E+00	9.32E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	BETA	1.66E+00	1.15E+00	3.58E+00	4.00E+00	1.16E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	BETA	1.77E+00	1.20E+00	3.65E+00	4.00E+00	1.21E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	BETA	-1.82E-01	6.79E-01	2.28E+00	4.00E+00	6.79E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	BETA	-4.83E-01	7.94E-01	2.65E+00	4.00E+00	7.94E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	BETA	1.31E+00	1.06E+00	3.21E+00	4.00E+00	1.07E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Barium-140	7.66E-01	2.38E+00	7.95E+00	1.50E+01	2.39E+00	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Barium-140	3.73E+00	2.93E+00	1.01E+01	1.50E+01	3.06E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Barium-140	3.56E+00	4.05E+00	1.40E+01	1.50E+01	4.14E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Barium-140	-9.51E+00	4.17E+00	1.27E+01	1.50E+01	4.73E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Barium-140	4.03E-02	4.16E+00	1.41E+01	1.50E+01	4.16E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Barium-140	-1.81E-01	3.79E+00	1.24E+01	1.50E+01	3.79E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Barium-140	-5.09E-01	1.93E+00	6.31E+00	1.50E+01	1.93E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Barium-140	5.47E+00	3.56E+00	8.11E+00	1.50E+01	3.78E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Barium-140	2.73E+00	2.33E+00	8.04E+00	1.50E+01	2.42E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Barium-140	6.84E-01	2.15E+00	6.91E+00	1.50E+01	2.16E+00	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Barium-140	3.27E-01	4.43E+00	1.46E+01	1.50E+01	4.43E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Barium-140	1.91E+00	3.47E+00	6.98E+00	1.50E+01	3.50E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Beryllium-7	2.36E+00	3.82E+00	1.30E+01		3.86E+00	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Beryllium-7	6.14E+00	4.61E+00	1.60E+01		4.83E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Beryllium-7	6.29E+00	6.25E+00	2.19E+01		6.42E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Beryllium-7	-5.96E+00	6.09E+00	1.99E+01		6.24E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Beryllium-7	5.60E+00	5.97E+00	1.99E+01		6.12E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Beryllium-7	-1.33E+01	5.24E+00	1.56E+01		6.09E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Beryllium-7	3.89E+00	3.32E+00	1.15E+01		3.44E+00	pCi/L	U

DW-1QC(591563004) - Drinking Water	29-Aug-22	Beryllium-7	1.43E+00	4.05E+00	1.37E+01		4.06E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Beryllium-7	-3.65E+00	4.21E+00	1.38E+01		4.29E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Beryllium-7	-2.35E+00	4.43E+00	1.39E+01		4.47E+00	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Beryllium-7	-3.58E+00	7.17E+00	2.34E+01		7.22E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Beryllium-7	3.90E+00	3.88E+00	1.30E+01		3.99E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Cerium-141	7.14E-01	7.77E-01	2.54E+00		7.95E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Cerium-141	-7.76E-01	9.21E-01	2.92E+00		9.38E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Cerium-141	-2.67E+00	1.42E+00	4.15E+00		1.55E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Cerium-141	6.42E-01	1.28E+00	3.98E+00		1.29E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Cerium-141	1.32E+00	1.14E+00	3.77E+00		1.18E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Cerium-141	3.84E-01	9.58E-01	2.93E+00		9.63E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Cerium-141	-3.22E-01	7.51E-01	2.20E+00		7.55E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Cerium-141	-1.60E+00	1.24E+00	2.80E+00		1.30E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Cerium-141	-6.24E+00	1.56E+00	2.68E+00		2.13E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Cerium-141	1.04E+00	9.47E-01	2.87E+00		9.77E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Cerium-141	-3.25E+00	1.50E+00	3.23E+00		1.68E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Cerium-141	7.26E-01	1.79E+00	2.61E+00		1.79E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Cerium-144	4.53E+00	2.75E+00	9.16E+00		2.95E+00	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Cerium-144	9.19E+00	4.63E+00	1.08E+01		4.65E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Cerium-144	8.79E-01	4.67E+00	1.56E+01		4.67E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Cerium-144	-2.88E+00	4.30E+00	1.41E+01		4.35E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Cerium-144	-5.58E+00	3.84E+00	1.19E+01		4.06E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Cerium-144	-2.82E+00	3.11E+00	1.00E+01		3.18E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Cerium-144	2.33E-01	2.67E+00	8.63E+00		2.67E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Cerium-144	2.62E+00	3.26E+00	1.07E+01		3.31E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Cerium-144	4.83E+00	3.15E+00	1.05E+01		3.35E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Cerium-144	2.19E+00	3.45E+00	1.16E+01		3.49E+00	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Cerium-144	2.59E+00	3.62E+00	1.23E+01		3.67E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Cerium-144	-2.75E+00	3.57E+00	1.11E+01		3.63E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Cesium-134	-1.08E+00	4.65E-01	1.31E+00	1.50E+01	5.29E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Cesium-134	7.50E-01	5.45E-01	1.85E+00	1.50E+01	5.72E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Cesium-134	1.54E+00	1.03E+00	2.68E+00	1.50E+01	1.09E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Cesium-134	-2.48E-01	7.19E-01	2.29E+00	1.50E+01	7.21E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Cesium-134	6.09E-01	1.58E+00	2.57E+00	1.50E+01	1.59E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Cesium-134	6.88E-01	7.07E-01	2.50E+00	1.50E+01	7.25E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Cesium-134	-4.38E-01	4.61E-01	1.42E+00	1.50E+01	4.73E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Cesium-134	-3.95E-01	5.34E-01	1.68E+00	1.50E+01	5.42E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Cesium-134	-3.49E-02	5.96E-01	1.83E+00	1.50E+01	5.96E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Cesium-134	7.31E-01	5.08E-01	1.80E+00	1.50E+01	5.36E-01	pCi/L	U

DW-1QC(602376004) - Drinking Water	29-Nov-22	Cesium-134	-1.02E+00	1.42E+00	3.20E+00	1.50E+01	1.44E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Cesium-134	2.67E-01	5.29E-01	1.80E+00	1.50E+01	5.32E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Cesium-137	-2.08E-01	4.36E-01	1.39E+00	1.80E+01	4.38E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Cesium-137	-1.22E+00	7.90E-01	1.48E+00	1.80E+01	8.40E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Cesium-137	1.80E+00	1.76E+00	2.37E+00	1.80E+01	1.76E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Cesium-137	1.15E+00	2.21E+00	2.33E+00	1.80E+01	2.21E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Cesium-137	1.08E+00	1.50E+00	2.50E+00	1.80E+01	1.50E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Cesium-137	2.08E+00	1.24E+00	2.69E+00	1.80E+01	1.33E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Cesium-137	2.34E-01	4.04E-01	1.35E+00	1.80E+01	4.07E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Cesium-137	3.31E-01	6.87E-01	1.53E+00	1.80E+01	6.87E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Cesium-137	-5.16E-01	4.72E-01	1.49E+00	1.80E+01	4.88E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Cesium-137	1.63E+00	1.13E+00	1.63E+00	1.80E+01	1.14E+00	pCi/L	UI
DW-1QC(602376004) - Drinking Water	29-Nov-22	Cesium-137	2.27E+00	8.65E-01	3.15E+00	1.80E+01	1.02E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Cesium-137	3.37E-01	5.36E-01	1.85E+00	1.80E+01	5.42E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Chromium-51	1.78E+00	4.08E+00	1.40E+01		4.10E+00	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Chromium-51	1.45E+00	5.13E+00	1.77E+01		5.14E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Chromium-51	-7.13E+00	7.74E+00	2.36E+01		7.92E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Chromium-51	-4.33E+00	7.36E+00	2.27E+01		7.43E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Chromium-51	1.80E+00	6.41E+00	2.14E+01		6.42E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Chromium-51	4.02E+00	5.78E+00	2.01E+01		5.86E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Chromium-51	-2.29E+00	3.70E+00	1.24E+01		3.73E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Chromium-51	-2.28E+00	4.40E+00	1.49E+01		4.43E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Chromium-51	1.59E+00	4.38E+00	1.51E+01		4.40E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Chromium-51	1.43E+01	7.47E+00	1.43E+01		7.50E+00	pCi/L	UI
DW-1QC(602376004) - Drinking Water	29-Nov-22	Chromium-51	1.15E+00	6.54E+00	2.05E+01		6.55E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Chromium-51	-2.98E-01	4.17E+00	1.38E+01		4.17E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Cobalt-57	-7.45E-01	3.87E-01	1.20E+00		4.24E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Cobalt-57	-5.30E-01	4.12E-01	1.31E+00		4.30E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Cobalt-57	-1.06E+00	5.89E-01	1.90E+00		6.38E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Cobalt-57	5.41E-01	5.54E-01	1.89E+00		5.68E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Cobalt-57	-5.56E-01	5.15E-01	1.63E+00		5.31E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Cobalt-57	-6.31E-01	3.90E-01	1.25E+00		4.17E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Cobalt-57	-7.82E-01	4.71E-01	1.12E+00		5.05E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Cobalt-57	-2.76E-01	4.27E-01	1.37E+00		4.31E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Cobalt-57	1.33E-01	4.15E-01	1.36E+00		4.16E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Cobalt-57	4.02E-01	4.63E-01	1.56E+00		4.72E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Cobalt-57	-6.82E-02	4.46E-01	1.50E+00		4.46E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Cobalt-57	6.45E-01	4.60E-01	1.50E+00		4.84E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Cobalt-58	-1.73E-01	4.09E-01	1.28E+00	1.50E+01	4.11E-01	pCi/L	U

DW-1QC(571927004) - Drinking Water	28-Feb-22	Cobalt-58	-7.79E-01	5.35E-01	1.63E+00	1.50E+01	5.66E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Cobalt-58	2.37E-01	6.85E-01	2.26E+00	1.50E+01	6.87E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Cobalt-58	9.88E-01	6.90E-01	2.41E+00	1.50E+01	7.28E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Cobalt-58	-3.45E-01	7.02E-01	2.22E+00	1.50E+01	7.06E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Cobalt-58	3.69E-01	7.03E-01	2.43E+00	1.50E+01	7.08E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Cobalt-58	1.76E-01	3.78E-01	1.24E+00	1.50E+01	3.80E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Cobalt-58	-2.93E-01	4.79E-01	1.51E+00	1.50E+01	4.84E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Cobalt-58	2.73E-01	5.25E-01	1.73E+00	1.50E+01	5.29E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Cobalt-58	2.45E-01	4.73E-01	1.62E+00	1.50E+01	4.77E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Cobalt-58	4.56E-01	8.18E-01	2.57E+00	1.50E+01	8.25E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Cobalt-58	-8.69E-01	4.60E-01	1.41E+00	1.50E+01	5.03E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Cobalt-60	-2.70E-02	4.53E-01	1.32E+00	1.50E+01	4.53E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Cobalt-60	3.84E-01	4.54E-01	1.58E+00	1.50E+01	4.63E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Cobalt-60	1.00E+00	7.61E-01	2.76E+00	1.50E+01	7.97E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Cobalt-60	-6.76E-01	7.18E-01	2.24E+00	1.50E+01	7.35E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Cobalt-60	-1.01E+00	7.10E-01	2.08E+00	1.50E+01	7.48E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Cobalt-60	7.26E-01	7.38E-01	2.53E+00	1.50E+01	7.57E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Cobalt-60	1.60E-01	3.80E-01	1.29E+00	1.50E+01	3.82E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Cobalt-60	1.26E+00	6.23E-01	1.72E+00	1.50E+01	6.89E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Cobalt-60	2.66E-02	4.39E-01	1.47E+00	1.50E+01	4.39E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Cobalt-60	-5.07E-01	7.48E-01	1.88E+00	1.50E+01	7.57E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Cobalt-60	-1.43E-01	9.73E-01	2.71E+00	1.50E+01	9.74E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Cobalt-60	4.71E-01	5.62E-01	1.88E+00	1.50E+01	5.72E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Iodine-131	6.33E-01	8.58E-01	2.96E+00		8.71E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Iodine-131	5.42E-02	1.38E+00	4.69E+00		1.38E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Iodine-131	1.97E-01	1.54E+00	4.81E+00		1.54E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Iodine-131	1.31E+00	1.74E+00	5.55E+00		1.77E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Iodine-131	-2.85E+00	1.69E+00	5.19E+00		1.82E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Iodine-131	-9.07E-02	1.45E+00	4.90E+00		1.45E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Iodine-131	8.98E-01	7.40E-01	2.59E+00		7.70E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Iodine-131	3.12E-01	8.57E-01	2.94E+00	1.50E+01	8.60E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Iodine-131	5.36E-01	9.79E-01	3.37E+00	1.50E+01	9.87E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Iodine-131	-6.49E-01	6.65E-01	2.09E+00	1.50E+01	6.82E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Iodine-131	2.99E-02	1.61E+00	4.95E+00	1.50E+01	1.61E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Iodine-131	-7.55E-02	6.22E-01	2.04E+00	1.50E+01	6.22E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Iron-59	-4.25E-01	9.31E-01	3.07E+00	3.00E+01	9.37E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Iron-59	-1.81E+00	9.36E-01	2.90E+00	3.00E+01	1.03E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Iron-59	-1.71E+00	1.45E+00	4.56E+00	3.00E+01	1.50E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Iron-59	1.90E+00	1.61E+00	5.78E+00	3.00E+01	1.68E+00	pCi/L	U

DW-1QC(581494004) - Drinking Water	31-May-22	Iron-59	-1.95E+00	1.47E+00	4.35E+00	3.00E+01	1.54E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Iron-59	1.09E+00	1.50E+00	5.14E+00	3.00E+01	1.52E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Iron-59	1.19E-01	8.82E-01	2.99E+00	3.00E+01	8.82E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Iron-59	1.20E+00	8.34E-01	3.00E+00	3.00E+01	8.81E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Iron-59	-6.49E-02	8.49E-01	2.87E+00	3.00E+01	8.49E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Iron-59	4.12E-01	9.20E-01	3.11E+00	3.00E+01	9.25E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Iron-59	-1.11E+00	1.71E+00	5.41E+00	3.00E+01	1.73E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Iron-59	-1.20E-01	1.03E+00	3.32E+00	3.00E+01	1.03E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Lanthanum-140	6.41E-01	8.14E-01	2.80E+00	1.50E+01	8.27E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Lanthanum-140	4.88E-01	9.74E-01	3.31E+00	1.50E+01	9.81E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Lanthanum-140	-5.53E-01	1.78E+00	5.26E+00	1.50E+01	1.78E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Lanthanum-140	1.13E+00	1.47E+00	5.09E+00	1.50E+01	1.49E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Lanthanum-140	-4.25E-01	1.64E+00	5.41E+00	1.50E+01	1.64E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Lanthanum-140	8.40E-02	1.43E+00	4.82E+00	1.50E+01	1.43E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Lanthanum-140	7.96E-01	8.15E-01	2.52E+00	1.50E+01	8.36E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Lanthanum-140	-1.96E+00	9.57E-01	2.37E+00	1.50E+01	1.06E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Lanthanum-140	-1.03E-01	7.94E-01	2.60E+00	1.50E+01	7.95E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Lanthanum-140	-8.77E-01	7.19E-01	2.18E+00	1.50E+01	7.48E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Lanthanum-140	1.76E+00	1.60E+00	5.80E+00	1.50E+01	1.65E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Lanthanum-140	-1.17E+00	6.91E-01	2.06E+00	1.50E+01	7.43E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Manganese-54	1.23E-01	4.54E-01	1.47E+00	1.50E+01	4.55E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Manganese-54	2.68E-01	5.40E-01	1.77E+00	1.50E+01	5.43E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Manganese-54	-1.27E+00	7.04E-01	2.03E+00	1.50E+01	7.64E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Manganese-54	7.33E-01	7.28E-01	2.47E+00	1.50E+01	7.47E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Manganese-54	-1.43E+00	1.06E+00	2.30E+00	1.50E+01	1.11E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Manganese-54	-6.42E-01	6.54E-01	2.12E+00	1.50E+01	6.71E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Manganese-54	-6.79E-01	4.11E-01	1.22E+00	1.50E+01	4.41E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Manganese-54	5.91E-01	4.82E-01	1.63E+00	1.50E+01	5.02E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Manganese-54	-1.77E-01	4.89E-01	1.56E+00	1.50E+01	4.91E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Manganese-54	1.76E-01	8.21E-01	1.73E+00	1.50E+01	8.21E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Manganese-54	1.42E-01	7.49E-01	2.57E+00	1.50E+01	7.50E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Manganese-54	-1.64E+00	9.38E-01	1.62E+00	1.50E+01	1.01E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Niobium-95	5.09E-01	4.82E-01	1.62E+00	1.50E+01	4.96E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Niobium-95	6.09E-01	5.22E-01	1.76E+00	1.50E+01	5.41E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Niobium-95	-1.77E+00	8.26E-01	2.40E+00	1.50E+01	9.23E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Niobium-95	-2.27E-01	7.97E-01	2.56E+00	1.50E+01	7.99E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Niobium-95	-3.99E-01	8.20E-01	2.62E+00	1.50E+01	8.26E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Niobium-95	-7.51E-01	1.12E+00	2.30E+00	1.50E+01	1.13E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Niobium-95	3.41E-01	7.39E-01	1.51E+00	1.50E+01	7.43E-01	pCi/L	U

DW-1QC(591563004) - Drinking Water	29-Aug-22	Niobium-95	-9.66E-02	6.71E-01	1.69E+00	1.50E+01	6.72E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Niobium-95	2.09E-02	5.01E-01	1.63E+00	1.50E+01	5.01E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Niobium-95	-9.45E-04	4.60E-01	1.55E+00	1.50E+01	4.60E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Niobium-95	-7.55E-01	9.51E-01	2.90E+00	1.50E+01	9.67E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Niobium-95	6.15E-01	4.90E-01	1.72E+00	1.50E+01	5.10E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Potassium-40	6.18E+00	1.20E+01	1.47E+01		1.20E+01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Potassium-40	-1.35E+00	8.49E+00	2.28E+01		8.50E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Potassium-40	-1.89E+00	1.69E+01	4.40E+01		1.69E+01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Potassium-40	-3.51E+01	1.76E+01	3.58E+01		1.94E+01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Potassium-40	2.32E+01	1.86E+01	2.32E+01		1.86E+01	pCi/L	UI
DW-1QC(584387004) - Drinking Water	28-Jun-22	Potassium-40	-4.04E+00	1.38E+01	3.72E+01		1.38E+01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Potassium-40	-1.27E+01	9.16E+00	2.00E+01		9.63E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Potassium-40	1.22E+01	1.29E+01	1.47E+01		1.29E+01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Potassium-40	-3.72E+00	1.10E+01	2.26E+01		1.11E+01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Potassium-40	1.89E+01	1.10E+01	1.89E+01		1.11E+01	pCi/L	UI
DW-1QC(602376004) - Drinking Water	29-Nov-22	Potassium-40	2.58E+01	1.98E+01	3.13E+01		1.98E+01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Potassium-40	1.10E+01	1.36E+01	1.73E+01		1.36E+01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Ruthenium-103	-6.97E-01	7.43E-01	1.46E+00		7.60E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Ruthenium-103	-3.09E-01	5.88E-01	1.73E+00		5.93E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Ruthenium-103	4.40E-01	7.89E-01	2.71E+00		7.95E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Ruthenium-103	-1.98E-01	8.81E-01	2.64E+00		8.82E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Ruthenium-103	6.25E-01	8.05E-01	2.64E+00		8.19E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Ruthenium-103	-5.69E-01	7.95E-01	2.26E+00		8.07E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Ruthenium-103	-5.00E-01	4.38E-01	1.24E+00		4.54E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Ruthenium-103	-6.44E-01	4.98E-01	1.60E+00		5.20E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Ruthenium-103	-2.31E-01	5.72E-01	1.69E+00		5.75E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Ruthenium-103	-5.41E-01	5.62E-01	1.74E+00		5.76E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Ruthenium-103	1.58E+00	8.59E-01	3.05E+00		9.36E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Ruthenium-103	-5.92E-01	5.48E-01	1.71E+00		5.66E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Ruthenium-106	2.70E+00	4.11E+00	1.38E+01		4.16E+00	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Ruthenium-106	2.97E-01	4.73E+00	1.40E+01		4.73E+00	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Ruthenium-106	-8.24E+00	6.26E+00	1.95E+01		6.55E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Ruthenium-106	-4.22E+00	5.96E+00	1.91E+01		6.04E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Ruthenium-106	-2.09E+00	6.39E+00	2.11E+01		6.41E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Ruthenium-106	2.07E+00	6.04E+00	1.98E+01		6.06E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Ruthenium-106	2.71E+00	3.79E+00	1.27E+01		3.85E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Ruthenium-106	1.36E+01	6.44E+00	1.36E+01		6.48E+00	pCi/L	UI
DW-1QC(594838004) - Drinking Water	27-Sep-22	Ruthenium-106	4.73E-01	4.00E+00	1.32E+01		4.00E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Ruthenium-106	-6.45E-01	4.16E+00	1.41E+01		4.16E+00	pCi/L	U

DW-1QC(602376004) - Drinking Water	29-Nov-22	Ruthenium-106	-9.64E+00	7.51E+00	2.29E+01		7.84E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Ruthenium-106	7.06E+00	4.36E+00	1.56E+01		4.66E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Selenium-75	-2.59E-01	5.48E-01	1.86E+00		5.51E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Selenium-75	-1.58E-01	7.08E-01	2.20E+00		7.08E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Selenium-75	2.22E+00	1.18E+00	3.17E+00		1.29E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Selenium-75	3.46E-01	9.45E-01	3.04E+00		9.49E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Selenium-75	2.58E-02	7.63E-01	2.58E+00		7.63E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Selenium-75	-3.45E-01	7.69E-01	2.37E+00		7.73E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Selenium-75	1.47E-01	5.67E-01	1.78E+00		5.68E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Selenium-75	-2.11E-01	7.23E-01	2.06E+00		7.25E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Selenium-75	1.29E+00	7.74E-01	2.15E+00		8.31E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Selenium-75	-4.58E-01	6.50E-01	2.08E+00		6.58E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Selenium-75	7.88E-01	8.94E-01	2.71E+00		9.13E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Selenium-75	-8.57E-01	6.31E-01	2.05E+00		6.63E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Silver-108m	-3.13E-02	3.64E-01	1.21E+00		3.64E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Silver-108m	-1.80E-02	7.48E-01	1.52E+00		7.48E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Silver-108m	-3.54E-01	6.13E-01	2.04E+00		6.18E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Silver-108m	-2.32E-01	5.73E-01	1.92E+00		5.75E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Silver-108m	-1.02E-01	5.85E-01	1.87E+00		5.86E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Silver-108m	2.87E-02	5.30E-01	1.77E+00		5.30E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Silver-108m	1.04E-01	3.30E-01	1.12E+00		3.31E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Silver-108m	-1.16E+00	7.99E-01	1.46E+00		8.44E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Silver-108m	-2.16E+00	7.69E-01	1.59E+00		9.19E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Silver-108m	-3.89E-01	4.59E-01	1.43E+00		4.67E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Silver-108m	-6.97E-01	6.49E-01	2.09E+00		6.70E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Silver-108m	5.52E-01	4.48E-01	1.51E+00		4.66E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Silver-110m	6.59E-01	6.25E-01	2.09E+00		6.43E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Silver-110m	-8.17E-02	6.78E-01	2.17E+00		6.78E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Silver-110m	-9.49E-01	9.56E-01	2.88E+00		9.82E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Silver-110m	-3.09E-01	9.38E-01	2.96E+00		9.40E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Silver-110m	1.12E+00	9.10E-01	3.14E+00		9.47E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Silver-110m	-3.98E-02	9.66E-01	3.24E+00		9.66E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Silver-110m	4.06E-01	5.58E-01	1.84E+00		5.67E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Silver-110m	7.66E-01	6.17E-01	2.09E+00		6.43E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Silver-110m	-3.12E-01	6.62E-01	2.08E+00		6.66E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Silver-110m	-1.45E-01	6.43E-01	2.13E+00		6.44E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Silver-110m	1.06E+00	1.01E+00	3.62E+00		1.04E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Silver-110m	-1.64E-02	6.19E-01	2.05E+00		6.19E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Strontium-89	-3.32E+00	2.26E-01	1.65E+00	1.00E+01	6.18E-01	pCi/L	U

DW-1QC(571927004) - Drinking Water	28-Feb-22	Strontium-89	-9.43E-01	3.83E-01	1.50E+00	1.00E+01	6.24E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Strontium-89	-1.55E+00	4.64E-01	1.92E+00	1.00E+01	7.33E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Strontium-89	-7.50E-01	4.28E-01	1.65E+00	1.00E+01	8.98E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Strontium-89	-3.41E-01	5.57E-01	1.88E+00	1.00E+01	6.82E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Strontium-89	-1.61E+00	6.52E-01	2.50E+00	1.00E+01	8.76E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Strontium-89	2.91E-01	5.08E-01	1.62E+00	1.00E+01	6.56E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Strontium-89	-8.63E-01	3.70E-01	1.40E+00	1.00E+01	6.27E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Strontium-89	-7.49E-02	6.31E-01	2.10E+00	1.00E+01	7.59E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Strontium-89	4.19E-01	4.93E-01	1.53E+00	1.00E+01	6.20E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Strontium-89	-7.43E-01	3.49E-01	1.36E+00	1.00E+01	5.18E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Strontium-89	-1.09E+00	7.13E-01	2.57E+00	1.00E+01	8.10E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Strontium-90	1.22E+00	5.29E-01	1.56E+00	2.00E+00	5.73E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Strontium-90	8.82E-01	4.49E-01	1.79E+00	2.00E+00	5.78E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Strontium-90	9.51E-01	5.28E-01	1.64E+00	2.00E+00	5.58E-01	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Strontium-90	7.79E-01	5.12E-01	1.69E+00	2.00E+00	5.66E-01	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Strontium-90	-2.83E-02	3.54E-01	1.34E+00	2.00E+00	4.07E-01	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Strontium-90	3.93E-01	4.45E-01	1.75E+00	2.00E+00	5.59E-01	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Strontium-90	-6.01E-01	3.36E-01	1.31E+00	2.00E+00	3.62E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Strontium-90	-1.76E-01	4.40E-01	1.82E+00	2.00E+00	5.48E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Strontium-90	1.97E-02	3.68E-01	1.72E+00	2.00E+00	5.25E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Strontium-90	-1.90E-01	2.84E-01	1.54E+00	2.00E+00	4.51E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Strontium-90	-5.40E-01	3.58E-01	1.43E+00	2.00E+00	3.90E-01	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Strontium-90	-7.56E-01	3.99E-01	1.68E+00	2.00E+00	4.65E-01	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Thorium-228	7.72E-01	1.67E+00	4.43E+00		1.68E+00	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Thorium-228	2.73E+00	1.88E+00	2.73E+00		1.89E+00	pCi/L	UI
DW-1QC(575361004) - Drinking Water	30-Mar-22	Thorium-228	5.37E-01	2.84E+00	5.19E+00		2.85E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Thorium-228	-1.95E+00	2.06E+00	5.00E+00		2.11E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Thorium-228	-2.40E+00	1.51E+00	4.21E+00		1.61E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Thorium-228	1.13E+00	2.05E+00	3.13E+00		2.05E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Thorium-228	-1.60E-01	1.53E+00	3.72E+00		1.53E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Thorium-228	1.54E+00	1.99E+00	3.44E+00		2.03E+00	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Thorium-228	-2.23E+00	1.46E+00	3.33E+00		1.55E+00	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Thorium-228	1.17E+00	2.30E+00	3.60E+00		2.32E+00	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Thorium-228	-2.19E+00	1.82E+00	4.52E+00		1.89E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Thorium-228	3.36E+00	2.07E+00	4.20E+00		2.22E+00	pCi/L	U
DW-1QC(579411004) - Drinking Water	28-Feb-22	Tritium	1.60E+02	1.41E+02	4.47E+02	5.00E+02	1.42E+02	pCi/L	U
DW-1QC(588446004) - Drinking Water	28-Jun-22	Tritium	-5.09E+01	8.88E+01	3.05E+02	5.00E+02	8.88E+01	pCi/L	U
DW-1QC(599851004) - Drinking Water	27-Sep-22	Tritium	2.34E+02	9.98E+01	3.02E+02	5.00E+02	1.02E+02	pCi/L	U
DW-1QC(609162004) - Drinking Water	27-Dec-22	Tritium	2.23E+02	1.28E+02	3.93E+02	5.00E+02	1.30E+02	pCi/L	U

DW-1QC(568660004) - Drinking Water	25-Jan-22	Zinc-65	3.57E-01	8.60E-01	2.96E+00	3.00E+01	8.64E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Zinc-65	1.99E+00	8.23E-01	3.09E+00	3.00E+01	9.45E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Zinc-65	-5.10E-01	1.55E+00	5.16E+00	3.00E+01	1.56E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Zinc-65	3.50E-01	1.55E+00	5.30E+00	3.00E+01	1.55E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Zinc-65	-6.30E-01	1.54E+00	4.29E+00	3.00E+01	1.55E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Zinc-65	-2.87E+00	1.68E+00	4.20E+00	3.00E+01	1.81E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Zinc-65	-1.85E+00	1.29E+00	2.72E+00	3.00E+01	1.36E+00	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Zinc-65	-1.16E+00	8.12E-01	2.56E+00	3.00E+01	8.56E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Zinc-65	5.10E-01	8.12E-01	2.83E+00	3.00E+01	8.21E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Zinc-65	-7.01E-01	9.65E-01	3.09E+00	3.00E+01	9.79E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Zinc-65	-4.25E-01	1.88E+00	5.33E+00	3.00E+01	1.89E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Zinc-65	-8.54E-01	1.04E+00	3.22E+00	3.00E+01	1.06E+00	pCi/L	U
DW-1QC(568660004) - Drinking Water	25-Jan-22	Zirconium-95	-3.26E-01	7.55E-01	2.38E+00	1.50E+01	7.59E-01	pCi/L	U
DW-1QC(571927004) - Drinking Water	28-Feb-22	Zirconium-95	2.02E-02	9.29E-01	3.02E+00	1.50E+01	9.29E-01	pCi/L	U
DW-1QC(575361004) - Drinking Water	30-Mar-22	Zirconium-95	1.26E+00	1.22E+00	4.20E+00	1.50E+01	1.25E+00	pCi/L	U
DW-1QC(578242004) - Drinking Water	26-Apr-22	Zirconium-95	-1.90E+00	1.23E+00	3.68E+00	1.50E+01	1.31E+00	pCi/L	U
DW-1QC(581494004) - Drinking Water	31-May-22	Zirconium-95	-1.47E+00	1.25E+00	3.82E+00	1.50E+01	1.29E+00	pCi/L	U
DW-1QC(584387004) - Drinking Water	28-Jun-22	Zirconium-95	8.91E-01	1.55E+00	4.51E+00	1.50E+01	1.56E+00	pCi/L	U
DW-1QC(587548004) - Drinking Water	26-Jul-22	Zirconium-95	-1.12E+00	7.17E-01	2.15E+00	1.50E+01	7.64E-01	pCi/L	U
DW-1QC(591563004) - Drinking Water	29-Aug-22	Zirconium-95	1.00E-01	8.32E-01	2.71E+00	1.50E+01	8.32E-01	pCi/L	U
DW-1QC(594838004) - Drinking Water	27-Sep-22	Zirconium-95	1.21E+00	8.48E-01	2.90E+00	1.50E+01	8.94E-01	pCi/L	U
DW-1QC(598250004) - Drinking Water	25-Oct-22	Zirconium-95	3.70E-01	8.36E-01	2.86E+00	1.50E+01	8.41E-01	pCi/L	U
DW-1QC(602376004) - Drinking Water	29-Nov-22	Zirconium-95	-3.72E+00	2.32E+00	4.47E+00	1.50E+01	2.47E+00	pCi/L	U
DW-1QC(605370004) - Drinking Water	27-Dec-22	Zirconium-95	7.13E-01	8.14E-01	2.82E+00	1.50E+01	8.31E-01	pCi/L	U

DW-2

Drinking Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
DW-2(568660006) - Drinking Water	25-Jan-22	Actinium-228	5.15E+00	4.79E+00	5.15E+00		4.84E+00	pCi/L	UI
DW-2(571927006) - Drinking Water	28-Feb-22	Actinium-228	-3.72E-01	2.57E+00	6.12E+00		2.57E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Actinium-228	8.84E+00	5.85E+00	1.09E+01		6.20E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Actinium-228	1.29E+00	3.85E+00	7.23E+00		3.86E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Actinium-228	-3.34E+00	4.14E+00	1.04E+01		4.21E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Actinium-228	5.81E+00	4.62E+00	6.32E+00		4.63E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Actinium-228	-8.72E+00	5.04E+00	1.13E+01		5.43E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Actinium-228	4.54E+00	3.14E+00	5.17E+00		3.15E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Actinium-228	4.04E+00	4.44E+00	6.19E+00		4.44E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Actinium-228	-7.32E+00	3.26E+00	7.16E+00		3.68E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Actinium-228	-1.78E+00	4.05E+00	8.92E+00		4.07E+00	pCi/L	U

DW-2(605370006) - Drinking Water	27-Dec-22	Actinium-228	1.46E+00	3.79E+00	7.07E+00		3.81E+00	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Antimony-124	-1.08E+00	1.06E+00	3.17E+00		1.09E+00	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Antimony-124	-4.96E-01	9.67E-01	3.03E+00		9.74E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Antimony-124	-1.50E+00	1.78E+00	5.56E+00		1.81E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Antimony-124	-5.06E-03	1.30E+00	4.23E+00		1.30E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Antimony-124	-1.14E+00	1.56E+00	4.83E+00		1.58E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Antimony-124	-2.00E+00	1.42E+00	4.02E+00		1.49E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Antimony-124	3.76E+00	1.57E+00	5.94E+00		1.58E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Antimony-124	4.92E-01	9.91E-01	3.32E+00		9.98E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Antimony-124	-7.29E-01	1.40E+00	4.50E+00		1.41E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Antimony-124	-1.21E+00	1.22E+00	3.21E+00		1.25E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Antimony-124	-1.42E+00	1.34E+00	4.12E+00		1.38E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Antimony-124	1.27E+00	1.07E+00	3.74E+00		1.11E+00	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Antimony-125	6.24E-02	1.12E+00	3.77E+00		1.12E+00	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Antimony-125	3.44E-01	1.04E+00	3.51E+00		1.04E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Antimony-125	-1.01E+00	1.85E+00	5.14E+00		1.86E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Antimony-125	7.92E-01	1.14E+00	3.90E+00		1.16E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Antimony-125	5.49E-01	1.84E+00	5.33E+00		1.84E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Antimony-125	8.82E-01	1.31E+00	4.45E+00		1.33E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Antimony-125	6.91E-01	1.72E+00	5.95E+00		1.73E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Antimony-125	-3.44E-01	1.03E+00	3.42E+00		1.03E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Antimony-125	8.60E-01	1.32E+00	4.34E+00		1.33E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Antimony-125	6.46E-01	1.23E+00	4.10E+00		1.24E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Antimony-125	-3.95E-01	1.30E+00	4.28E+00		1.30E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Antimony-125	3.08E+00	2.05E+00	4.43E+00		2.17E+00	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	BETA	-4.49E-01	1.05E+00	3.52E+00	4.00E+00	1.04E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	BETA	1.66E+00	8.70E-01	2.46E+00	4.00E+00	8.82E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	BETA	2.26E+00	9.11E-01	2.46E+00	4.00E+00	9.30E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	BETA	2.24E+00	1.14E+00	3.38E+00	4.00E+00	1.16E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	BETA	6.09E-01	1.05E+00	3.33E+00	4.00E+00	1.05E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	BETA	1.70E+00	7.74E-01	2.12E+00	4.00E+00	7.88E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	BETA	2.59E+00	9.42E-01	2.72E+00	4.00E+00	9.66E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	BETA	7.64E-01	1.12E+00	3.51E+00	4.00E+00	1.12E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	BETA	4.37E-01	7.31E-01	2.25E+00	4.00E+00	7.32E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	BETA	-2.17E-01	8.52E-01	2.85E+00	4.00E+00	8.53E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Barium-140	-2.23E+00	2.24E+00	7.12E+00	1.50E+01	2.30E+00	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Barium-140	3.76E-02	2.56E+00	8.46E+00	1.50E+01	2.56E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Barium-140	1.22E+00	4.12E+00	1.25E+01	1.50E+01	4.13E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Barium-140	1.05E+00	2.92E+00	9.75E+00	1.50E+01	2.93E+00	pCi/L	U

DW-2(581494006) - Drinking Water	31-May-22	Barium-140	1.26E-01	3.98E+00	1.35E+01	1.50E+01	3.98E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Barium-140	-3.01E+00	3.13E+00	9.82E+00	1.50E+01	3.20E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Barium-140	-1.14E+00	3.44E+00	1.14E+01	1.50E+01	3.45E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Barium-140	-8.46E-01	1.95E+00	6.35E+00	1.50E+01	1.96E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Barium-140	7.22E-01	2.66E+00	9.11E+00	1.50E+01	2.67E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Barium-140	-2.18E-01	1.86E+00	6.00E+00	1.50E+01	1.86E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Barium-140	3.18E+00	6.04E+00	1.03E+01	1.50E+01	6.04E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Barium-140	2.58E+00	2.08E+00	7.31E+00	1.50E+01	2.17E+00	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Beryllium-7	8.72E-02	3.65E+00	1.21E+01		3.65E+00	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Beryllium-7	3.44E+00	3.66E+00	1.25E+01		3.74E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Beryllium-7	2.72E-01	5.81E+00	1.86E+01		5.81E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Beryllium-7	1.47E+00	4.01E+00	1.35E+01		4.03E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Beryllium-7	-9.15E+00	5.88E+00	1.75E+01		6.26E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Beryllium-7	2.38E+00	4.54E+00	1.52E+01		4.57E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Beryllium-7	-3.53E+00	5.74E+00	1.90E+01		5.80E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Beryllium-7	4.72E+00	3.21E+00	1.12E+01		3.39E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Beryllium-7	4.92E-01	4.54E+00	1.45E+01		4.54E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Beryllium-7	4.80E+00	3.63E+00	1.24E+01		3.80E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Beryllium-7	-1.34E-02	4.99E+00	1.65E+01		4.99E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Beryllium-7	1.60E+00	4.26E+00	1.37E+01		4.27E+00	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Cerium-141	-2.26E+00	7.85E-01	2.39E+00		9.45E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Cerium-141	-2.69E+00	8.22E-01	2.47E+00		1.04E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Cerium-141	-1.08E+00	1.09E+00	3.42E+00		1.12E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Cerium-141	-3.47E+00	1.36E+00	2.84E+00		1.58E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Cerium-141	2.28E+00	1.35E+00	4.31E+00		1.45E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Cerium-141	3.54E-01	8.55E-01	2.55E+00		8.59E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Cerium-141	-1.31E+00	1.27E+00	3.78E+00		1.30E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Cerium-141	-1.64E+00	7.20E-01	2.21E+00		8.16E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Cerium-141	-1.93E+00	1.32E+00	2.80E+00		1.40E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Cerium-141	-8.30E-01	7.97E-01	2.29E+00		8.20E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Cerium-141	1.64E+00	2.08E+00	2.94E+00		2.08E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Cerium-141	1.13E-01	9.77E-01	2.87E+00		9.77E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Cerium-144	-1.85E+00	2.75E+00	8.81E+00		2.78E+00	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Cerium-144	2.48E+00	2.69E+00	8.89E+00		2.75E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Cerium-144	2.62E+00	3.89E+00	1.28E+01		3.94E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Cerium-144	2.49E+00	2.96E+00	9.67E+00		3.01E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Cerium-144	-4.77E+00	4.74E+00	1.42E+01		4.87E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Cerium-144	-1.96E+00	2.85E+00	8.99E+00		2.88E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Cerium-144	-4.25E+00	4.11E+00	1.34E+01		4.23E+00	pCi/L	U

DW-2(591563006) - Drinking Water	29-Aug-22	Cerium-144	-2.29E-01	2.62E+00	8.46E+00		2.62E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Cerium-144	7.82E-01	3.16E+00	1.03E+01		3.16E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Cerium-144	3.80E+00	3.01E+00	9.92E+00		3.14E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Cerium-144	3.62E+00	3.29E+00	1.11E+01		3.40E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Cerium-144	-6.12E+00	3.49E+00	1.11E+01		3.77E+00	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Cesium-134	5.50E-01	5.22E-01	1.57E+00	1.50E+01	5.37E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Cesium-134	7.18E-01	4.64E-01	1.58E+00	1.50E+01	4.93E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Cesium-134	3.62E-01	7.79E-01	2.59E+00	1.50E+01	7.84E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Cesium-134	6.13E-01	4.50E-01	1.54E+00	1.50E+01	4.72E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Cesium-134	-1.36E+00	6.54E-01	1.93E+00	1.50E+01	7.27E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Cesium-134	2.26E+00	1.56E+00	2.26E+00	1.50E+01	1.80E+00	pCi/L	UI
DW-2(587548006) - Drinking Water	26-Jul-22	Cesium-134	4.13E-01	7.47E-01	2.50E+00	1.50E+01	7.53E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Cesium-134	3.63E-02	4.27E-01	1.38E+00	1.50E+01	4.27E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Cesium-134	-2.36E-01	5.32E-01	1.70E+00	1.50E+01	5.35E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Cesium-134	-1.72E-01	4.89E-01	1.50E+00	1.50E+01	4.90E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Cesium-134	1.18E+00	5.27E-01	1.97E+00	1.50E+01	5.94E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Cesium-134	-2.26E-01	5.40E-01	1.78E+00	1.50E+01	5.43E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Cesium-137	6.83E-01	1.11E+00	1.43E+00	1.80E+01	1.11E+00	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Cesium-137	3.80E-01	4.42E-01	1.34E+00	1.80E+01	4.51E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Cesium-137	2.05E+00	1.82E+00	2.05E+00	1.80E+01	1.83E+00	pCi/L	UI
DW-2(578242006) - Drinking Water	26-Apr-22	Cesium-137	6.69E-01	4.91E-01	1.68E+00	1.80E+01	5.16E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Cesium-137	-2.40E+00	1.08E+00	2.29E+00	1.80E+01	1.22E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Cesium-137	1.98E+00	6.15E-01	2.22E+00	1.80E+01	7.70E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Cesium-137	-2.88E+00	2.02E+00	2.73E+00	1.80E+01	2.13E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Cesium-137	-1.12E-01	3.82E-01	1.23E+00	1.80E+01	3.82E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Cesium-137	2.59E-01	5.45E-01	1.84E+00	1.80E+01	5.48E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Cesium-137	9.25E-01	4.84E-01	1.65E+00	1.80E+01	5.30E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Cesium-137	-3.18E-01	5.89E-01	1.85E+00	1.80E+01	5.94E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Cesium-137	1.42E+00	7.05E-01	1.66E+00	1.80E+01	7.09E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Chromium-51	2.41E+00	4.13E+00	1.43E+01		4.17E+00	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Chromium-51	2.46E-01	4.17E+00	1.43E+01		4.17E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Chromium-51	1.04E+01	5.96E+00	2.08E+01		6.44E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Chromium-51	3.56E+00	4.55E+00	1.58E+01		4.62E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Chromium-51	6.37E+00	6.82E+00	2.29E+01		6.99E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Chromium-51	-9.28E-01	4.70E+00	1.58E+01		4.71E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Chromium-51	-3.48E+00	6.79E+00	2.09E+01		6.84E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Chromium-51	-1.88E+00	3.47E+00	1.17E+01		3.50E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Chromium-51	-6.06E-01	4.80E+00	1.59E+01		4.80E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Chromium-51	-2.81E+00	3.61E+00	1.19E+01		3.67E+00	pCi/L	U

DW-2(602376006) - Drinking Water	29-Nov-22	Chromium-51	-1.15E+00	5.18E+00	1.76E+01		5.19E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Chromium-51	3.50E+00	4.40E+00	1.44E+01		4.47E+00	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Cobalt-57	5.96E-01	3.67E-01	1.24E+00		3.93E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Cobalt-57	-3.47E-01	3.52E-01	1.12E+00		3.61E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Cobalt-57	1.18E-02	5.36E-01	1.75E+00		5.36E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Cobalt-57	2.12E-01	5.35E-01	1.30E+00		5.38E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Cobalt-57	-1.21E-01	5.47E-01	1.87E+00		5.47E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Cobalt-57	-5.09E-02	3.53E-01	1.14E+00		3.54E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Cobalt-57	1.67E+00	9.43E-01	1.67E+00		9.47E-01	pCi/L	UI
DW-2(591563006) - Drinking Water	29-Aug-22	Cobalt-57	2.18E-01	3.41E-01	1.12E+00		3.45E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Cobalt-57	-3.82E-01	4.00E-01	1.28E+00		4.10E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Cobalt-57	2.89E-01	3.87E-01	1.27E+00		3.93E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Cobalt-57	-3.70E-02	4.44E-01	1.35E+00		4.45E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Cobalt-57	1.33E-01	4.86E-01	1.61E+00		4.87E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Cobalt-58	3.73E-01	4.44E-01	1.47E+00	1.50E+01	4.53E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Cobalt-58	3.33E-01	4.04E-01	1.35E+00	1.50E+01	4.12E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Cobalt-58	-5.59E-01	7.14E-01	2.23E+00	1.50E+01	7.26E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Cobalt-58	1.18E+00	4.62E-01	1.66E+00	1.50E+01	5.39E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Cobalt-58	-8.95E-01	6.67E-01	2.06E+00	1.50E+01	7.00E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Cobalt-58	-4.30E-01	6.51E-01	1.89E+00	1.50E+01	6.59E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Cobalt-58	-7.74E-01	6.60E-01	1.98E+00	1.50E+01	6.85E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Cobalt-58	5.85E-02	3.89E-01	1.26E+00	1.50E+01	3.89E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Cobalt-58	-9.92E-02	5.31E-01	1.71E+00	1.50E+01	5.31E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Cobalt-58	-4.02E-01	4.16E-01	1.35E+00	1.50E+01	4.26E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Cobalt-58	-8.69E-02	5.18E-01	1.74E+00	1.50E+01	5.18E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Cobalt-58	-2.14E-01	4.64E-01	1.52E+00	1.50E+01	4.67E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Cobalt-60	1.92E+00	8.31E-01	1.92E+00	1.50E+01	1.01E+00	pCi/L	UI
DW-2(571927006) - Drinking Water	28-Feb-22	Cobalt-60	-4.66E-01	4.58E-01	1.23E+00	1.50E+01	4.71E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Cobalt-60	1.01E+00	7.42E-01	2.37E+00	1.50E+01	7.78E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Cobalt-60	1.13E+00	5.06E-01	1.87E+00	1.50E+01	5.71E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Cobalt-60	5.00E-01	6.43E-01	2.26E+00	1.50E+01	6.54E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Cobalt-60	-6.20E-02	5.65E-01	1.84E+00	1.50E+01	5.66E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Cobalt-60	9.30E-01	6.90E-01	2.52E+00	1.50E+01	7.23E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Cobalt-60	1.63E-01	4.07E-01	1.38E+00	1.50E+01	4.09E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Cobalt-60	-8.36E-02	6.26E-01	2.03E+00	1.50E+01	6.26E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Cobalt-60	3.13E-01	5.30E-01	1.56E+00	1.50E+01	5.35E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Cobalt-60	-3.36E-01	5.98E-01	1.87E+00	1.50E+01	6.03E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Cobalt-60	6.90E-01	5.09E-01	1.78E+00	1.50E+01	5.34E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Iodine-131	4.19E-01	8.21E-01	2.81E+00		8.26E-01	pCi/L	U

DW-2(571927006) - Drinking Water	28-Feb-22	Iodine-131	1.33E+00	1.04E+00	3.34E+00		1.09E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Iodine-131	3.94E-01	1.25E+00	4.13E+00		1.25E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Iodine-131	1.31E-01	1.27E+00	3.88E+00		1.28E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Iodine-131	-7.08E-01	2.07E+00	6.64E+00		2.08E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Iodine-131	8.48E-01	1.18E+00	4.03E+00		1.19E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Iodine-131	5.95E-01	1.43E+00	4.52E+00		1.44E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Iodine-131	-1.44E+00	6.58E-01	2.10E+00	1.50E+01	7.40E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Iodine-131	-9.43E-01	9.94E-01	3.16E+00	1.50E+01	1.02E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Iodine-131	4.06E-01	5.79E-01	1.97E+00	1.50E+01	5.87E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Iodine-131	-5.69E-02	1.25E+00	4.23E+00	1.50E+01	1.25E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Iodine-131	6.18E-02	6.44E-01	2.07E+00	1.50E+01	6.44E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Iron-59	-1.05E+00	8.92E-01	2.82E+00	3.00E+01	9.25E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Iron-59	2.51E+00	1.23E+00	3.23E+00	3.00E+01	1.36E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Iron-59	1.65E-01	1.47E+00	4.93E+00	3.00E+01	1.47E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Iron-59	-5.84E-01	9.27E-01	3.03E+00	3.00E+01	9.37E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Iron-59	4.60E+00	2.29E+00	5.56E+00	3.00E+01	2.53E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Iron-59	7.36E-01	1.10E+00	3.77E+00	3.00E+01	1.11E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Iron-59	-1.56E+00	1.62E+00	5.23E+00	3.00E+01	1.66E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Iron-59	4.30E-01	7.47E-01	2.58E+00	3.00E+01	7.54E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Iron-59	-7.95E-01	1.15E+00	3.71E+00	3.00E+01	1.17E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Iron-59	-6.32E-01	9.21E-01	2.51E+00	3.00E+01	9.33E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Iron-59	-1.43E-01	1.27E+00	3.65E+00	3.00E+01	1.27E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Iron-59	-2.86E-01	9.21E-01	3.00E+00	3.00E+01	9.23E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Lanthanum-140	-3.86E-01	7.36E-01	2.29E+00	1.50E+01	7.41E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Lanthanum-140	8.19E-02	9.46E-01	3.11E+00	1.50E+01	9.47E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Lanthanum-140	-7.41E-01	1.23E+00	3.97E+00	1.50E+01	1.25E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Lanthanum-140	6.37E-01	1.02E+00	3.45E+00	1.50E+01	1.03E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Lanthanum-140	-3.72E+00	1.59E+00	4.39E+00	1.50E+01	1.81E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Lanthanum-140	-5.12E-01	1.12E+00	3.47E+00	1.50E+01	1.12E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Lanthanum-140	-5.38E-01	1.41E+00	4.50E+00	1.50E+01	1.42E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Lanthanum-140	-1.97E-02	7.03E-01	2.01E+00	1.50E+01	7.03E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Lanthanum-140	-2.62E-01	1.04E+00	3.44E+00	1.50E+01	1.04E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Lanthanum-140	-1.41E+00	1.79E+00	2.09E+00	1.50E+01	1.82E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Lanthanum-140	1.08E+00	1.28E+00	4.49E+00	1.50E+01	1.30E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Lanthanum-140	-2.08E-01	7.51E-01	2.40E+00	1.50E+01	7.52E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Manganese-54	6.63E-01	4.16E-01	1.42E+00	1.50E+01	4.44E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Manganese-54	-8.48E-01	5.97E-01	1.24E+00	1.50E+01	6.29E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Manganese-54	1.45E-01	7.06E-01	2.31E+00	1.50E+01	7.07E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Manganese-54	-9.58E-01	4.50E-01	1.29E+00	1.50E+01	5.03E-01	pCi/L	U

DW-2(581494006) - Drinking Water	31-May-22	Manganese-54	2.35E-01	6.62E-01	2.22E+00	1.50E+01	6.64E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Manganese-54	-2.08E-01	5.12E-01	1.71E+00	1.50E+01	5.14E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Manganese-54	-7.23E-01	7.74E-01	2.07E+00	1.50E+01	7.92E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Manganese-54	-8.27E-01	3.89E-01	1.13E+00	1.50E+01	4.35E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Manganese-54	-1.26E-01	5.69E-01	1.83E+00	1.50E+01	5.70E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Manganese-54	-7.69E-02	4.12E-01	1.37E+00	1.50E+01	4.12E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Manganese-54	5.42E-01	5.33E-01	1.70E+00	1.50E+01	5.48E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Manganese-54	-7.96E-01	4.59E-01	1.43E+00	1.50E+01	4.95E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Niobium-95	-2.84E-01	4.73E-01	1.48E+00	1.50E+01	4.78E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Niobium-95	-3.43E-02	7.75E-01	1.48E+00	1.50E+01	7.75E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Niobium-95	1.74E-01	7.29E-01	2.41E+00	1.50E+01	7.30E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Niobium-95	9.19E-01	4.92E-01	1.71E+00	1.50E+01	5.37E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Niobium-95	-2.82E-01	1.27E+00	2.39E+00	1.50E+01	1.27E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Niobium-95	1.45E+00	6.56E-01	2.10E+00	1.50E+01	7.39E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Niobium-95	-3.59E-02	7.16E-01	2.33E+00	1.50E+01	7.16E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Niobium-95	5.25E-01	4.33E-01	1.46E+00	1.50E+01	4.50E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Niobium-95	7.62E-01	9.72E-01	2.07E+00	1.50E+01	9.88E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Niobium-95	1.65E-01	4.80E-01	1.46E+00	1.50E+01	4.82E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Niobium-95	8.33E-01	5.84E-01	1.98E+00	1.50E+01	6.15E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Niobium-95	-3.93E-01	4.91E-01	1.60E+00	1.50E+01	5.00E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Potassium-40	4.40E+00	1.05E+01	1.43E+01		1.05E+01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Potassium-40	1.35E+01	1.18E+01	1.35E+01		1.20E+01	pCi/L	UI
DW-2(575361006) - Drinking Water	30-Mar-22	Potassium-40	-2.30E+01	1.14E+01	3.02E+01		1.26E+01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Potassium-40	-2.14E+00	1.18E+01	2.50E+01		1.19E+01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Potassium-40	-1.48E+00	1.27E+01	3.18E+01		1.27E+01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Potassium-40	-3.19E+00	1.33E+01	2.88E+01		1.33E+01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Potassium-40	-3.43E+01	1.26E+01	3.43E+01		1.50E+01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Potassium-40	-2.01E+01	8.33E+00	1.98E+01		9.59E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Potassium-40	8.64E+00	1.33E+01	1.83E+01		1.33E+01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Potassium-40	-1.58E+01	9.71E+00	2.35E+01		1.04E+01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Potassium-40	2.37E+00	1.00E+01	2.76E+01		1.01E+01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Potassium-40	-1.92E+01	1.15E+01	2.25E+01		1.23E+01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Ruthenium-103	-4.18E-01	4.71E-01	1.52E+00		4.81E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Ruthenium-103	1.98E-01	4.93E-01	1.50E+00		4.96E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Ruthenium-103	6.11E-01	6.84E-01	2.26E+00		6.99E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Ruthenium-103	-1.04E+00	5.23E-01	1.62E+00		5.77E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Ruthenium-103	-1.46E+00	9.39E-01	2.47E+00		1.00E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Ruthenium-103	-8.63E-01	5.94E-01	1.85E+00		6.28E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Ruthenium-103	1.18E+00	7.27E-01	2.59E+00		7.78E-01	pCi/L	U

DW-2(591563006) - Drinking Water	29-Aug-22	Ruthenium-103	-4.91E-01	4.27E-01	1.21E+00		4.43E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Ruthenium-103	-5.88E-01	6.40E-01	1.72E+00		6.55E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Ruthenium-103	-9.87E-02	4.68E-01	1.35E+00		4.69E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Ruthenium-103	-2.36E-02	6.30E-01	1.85E+00		6.30E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Ruthenium-103	-6.37E-01	6.08E-01	1.63E+00		6.26E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Ruthenium-106	5.79E+00	4.04E+00	1.38E+01		4.26E+00	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Ruthenium-106	4.05E+00	3.80E+00	1.24E+01		3.92E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Ruthenium-106	2.52E+00	6.07E+00	2.06E+01		6.10E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Ruthenium-106	9.83E-01	4.23E+00	1.40E+01		4.24E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Ruthenium-106	5.85E-01	5.67E+00	1.92E+01		5.67E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Ruthenium-106	8.82E-01	5.00E+00	1.55E+01		5.00E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Ruthenium-106	1.95E+00	6.06E+00	2.04E+01		6.08E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Ruthenium-106	2.64E+00	3.44E+00	1.16E+01		3.49E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Ruthenium-106	-1.74E+00	4.83E+00	1.59E+01		4.85E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Ruthenium-106	1.75E-02	4.06E+00	1.30E+01		4.06E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Ruthenium-106	4.15E-01	4.72E+00	1.53E+01		4.73E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Ruthenium-106	9.86E+00	4.41E+00	1.59E+01		4.99E+00	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Selenium-75	-7.66E-01	6.00E-01	1.80E+00		6.26E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Selenium-75	3.64E-02	5.76E-01	1.80E+00		5.76E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Selenium-75	4.19E-01	7.54E-01	2.58E+00		7.60E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Selenium-75	-3.19E-01	5.72E-01	1.94E+00		5.77E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Selenium-75	-1.14E+00	8.38E-01	2.66E+00		8.80E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Selenium-75	5.78E-01	5.88E-01	2.06E+00		6.03E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Selenium-75	9.89E-01	8.65E-01	2.85E+00		8.95E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Selenium-75	1.13E-01	5.28E-01	1.65E+00		5.29E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Selenium-75	7.29E-01	6.49E-01	2.25E+00		6.71E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Selenium-75	-7.41E-01	9.94E-01	1.89E+00		1.01E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Selenium-75	8.14E-01	6.98E-01	2.26E+00		7.23E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Selenium-75	8.63E-01	6.74E-01	2.24E+00		7.03E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Silver-108m	8.84E-02	3.76E-01	1.26E+00		3.77E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Silver-108m	1.96E-01	3.47E-01	1.18E+00		3.50E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Silver-108m	-1.55E-01	6.27E-01	1.77E+00		6.28E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Silver-108m	1.75E-01	3.98E-01	1.35E+00		4.00E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Silver-108m	9.90E-02	5.85E-01	1.89E+00		5.85E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Silver-108m	3.68E-03	4.56E-01	1.51E+00		4.56E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Silver-108m	3.40E-01	5.99E-01	2.08E+00		6.04E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Silver-108m	4.04E-01	3.30E-01	1.14E+00		3.43E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Silver-108m	2.79E-01	4.37E-01	1.44E+00		4.41E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Silver-108m	3.46E-01	3.75E-01	1.27E+00		3.83E-01	pCi/L	U

DW-2(602376006) - Drinking Water	29-Nov-22	Silver-108m	3.97E-01	4.43E-01	1.52E+00		4.52E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Silver-108m	-2.48E-01	5.46E-01	1.52E+00		5.49E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Silver-110m	3.20E-01	5.69E-01	1.97E+00		5.74E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Silver-110m	2.00E-01	5.65E-01	1.83E+00		5.67E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Silver-110m	1.55E+00	1.65E+00	3.38E+00		1.68E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Silver-110m	1.18E+00	6.23E-01	2.16E+00		6.81E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Silver-110m	-1.85E-01	8.05E-01	2.61E+00		8.06E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Silver-110m	-2.29E-01	7.18E-01	2.39E+00		7.20E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Silver-110m	-9.05E-01	1.61E+00	3.00E+00		1.63E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Silver-110m	1.33E-01	4.81E-01	1.55E+00		4.82E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Silver-110m	-3.63E+00	1.60E+00	2.12E+00		1.81E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Silver-110m	-3.84E-01	5.51E-01	1.78E+00		5.58E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Silver-110m	-1.70E+00	1.15E+00	2.54E+00		1.21E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Silver-110m	3.65E-01	6.84E-01	2.33E+00		6.90E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Strontium-89	-1.85E+00	5.58E-01	2.22E+00	1.00E+01	8.07E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Strontium-89	-4.17E-01	4.27E-01	1.50E+00	1.00E+01	6.20E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Strontium-89	-2.65E+00	1.11E+00	4.05E+00	1.00E+01	1.31E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Strontium-89	1.36E-01	8.02E-01	2.61E+00	1.00E+01	9.84E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Strontium-89	-2.32E-02	3.36E-01	1.11E+00	1.00E+01	4.72E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Strontium-89	8.01E-01	5.95E-01	1.79E+00	1.00E+01	8.96E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Strontium-89	8.06E-01	4.02E-01	1.08E+00	1.00E+01	6.35E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Strontium-89	4.40E-01	4.85E-01	1.50E+00	1.00E+01	6.62E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Strontium-89	-2.47E+00	4.51E-01	2.03E+00	1.00E+01	6.48E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Strontium-89	-1.55E+00	5.95E-01	2.23E+00	1.00E+01	7.87E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Strontium-89	1.37E+00	5.65E-01	1.56E+00	1.00E+01	7.20E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Strontium-89	6.64E-01	7.94E-01	2.51E+00	1.00E+01	9.26E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Strontium-90	4.72E-01	4.58E-01	1.49E+00	2.00E+00	4.88E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Strontium-90	1.54E-01	4.21E-01	1.75E+00	2.00E+00	5.36E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Strontium-90	1.42E+00	5.55E-01	1.67E+00	2.00E+00	5.93E-01	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Strontium-90	-4.15E-01	4.47E-01	1.71E+00	2.00E+00	4.91E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Strontium-90	1.08E-01	3.01E-01	1.11E+00	2.00E+00	3.46E-01	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Strontium-90	1.36E+00	4.39E-01	1.53E+00	2.00E+00	5.57E-01	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Strontium-90	-3.92E-01	3.43E-01	1.30E+00	2.00E+00	3.70E-01	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Strontium-90	2.02E-01	4.24E-01	1.69E+00	2.00E+00	5.28E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Strontium-90	1.49E+00	4.39E-01	1.82E+00	2.00E+00	6.42E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Strontium-90	2.56E-01	3.95E-01	1.59E+00	2.00E+00	5.01E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Strontium-90	-1.36E-01	3.78E-01	1.39E+00	2.00E+00	4.12E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Strontium-90	3.12E-01	4.18E-01	1.56E+00	2.00E+00	4.89E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Thorium-228	1.38E+00	1.81E+00	3.41E+00		1.84E+00	pCi/L	U

DW-2(571927006) - Drinking Water	28-Feb-22	Thorium-228	1.33E+00	1.89E+00	3.19E+00		1.91E+00	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Thorium-228	-3.19E+00	1.85E+00	4.30E+00		1.99E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Thorium-228	-5.32E-01	1.56E+00	4.36E+00		1.57E+00	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Thorium-228	1.74E+00	2.89E+00	3.90E+00		2.89E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Thorium-228	4.78E-01	1.91E+00	3.62E+00		1.91E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Thorium-228	2.00E+00	2.69E+00	5.02E+00		2.73E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Thorium-228	2.48E+00	2.18E+00	3.70E+00		2.26E+00	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Thorium-228	2.73E+00	2.02E+00	3.83E+00		2.12E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Thorium-228	2.17E+00	1.75E+00	3.34E+00		1.82E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Thorium-228	1.45E+00	1.80E+00	3.70E+00		1.84E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Thorium-228	3.01E+00	2.35E+00	3.66E+00		2.46E+00	pCi/L	U
DW-2(579411006) - Drinking Water	28-Feb-22	Tritium	3.39E+01	1.38E+02	4.50E+02	5.00E+02	1.38E+02	pCi/L	U
DW-2(588446006) - Drinking Water	28-Jun-22	Tritium	-5.61E-01	9.84E+01	3.24E+02	5.00E+02	9.84E+01	pCi/L	U
DW-2(599851006) - Drinking Water	27-Sep-22	Tritium	5.49E+01	9.63E+01	3.11E+02	5.00E+02	9.65E+01	pCi/L	U
DW-2(609162006) - Drinking Water	27-Dec-22	Tritium	2.15E+02	1.30E+02	3.99E+02	5.00E+02	1.32E+02	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Zinc-65	-7.30E-02	9.41E-01	3.13E+00	3.00E+01	9.41E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Zinc-65	-1.25E-02	8.73E-01	2.94E+00	3.00E+01	8.73E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Zinc-65	-1.01E+00	1.37E+00	4.34E+00	3.00E+01	1.39E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Zinc-65	1.40E+00	8.88E-01	3.21E+00	3.00E+01	9.47E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Zinc-65	3.38E-01	1.34E+00	4.39E+00	3.00E+01	1.34E+00	pCi/L	U
DW-2(584387006) - Drinking Water	28-Jun-22	Zinc-65	2.71E+00	1.08E+00	4.04E+00	3.00E+01	1.25E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Zinc-65	6.17E-01	1.52E+00	4.93E+00	3.00E+01	1.53E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Zinc-65	2.24E-01	8.65E-01	2.61E+00	3.00E+01	8.67E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Zinc-65	-3.03E-01	1.08E+00	3.52E+00	3.00E+01	1.08E+00	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Zinc-65	-6.30E-01	1.00E+00	2.74E+00	3.00E+01	1.01E+00	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Zinc-65	-2.07E+00	1.26E+00	3.78E+00	3.00E+01	1.35E+00	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Zinc-65	1.19E+00	9.12E-01	3.20E+00	3.00E+01	9.53E-01	pCi/L	U
DW-2(568660006) - Drinking Water	25-Jan-22	Zirconium-95	-2.94E-01	7.44E-01	2.34E+00	1.50E+01	7.47E-01	pCi/L	U
DW-2(571927006) - Drinking Water	28-Feb-22	Zirconium-95	-2.99E-01	7.20E-01	2.28E+00	1.50E+01	7.23E-01	pCi/L	U
DW-2(575361006) - Drinking Water	30-Mar-22	Zirconium-95	1.29E+00	1.25E+00	4.30E+00	1.50E+01	1.29E+00	pCi/L	U
DW-2(578242006) - Drinking Water	26-Apr-22	Zirconium-95	-3.83E-01	8.42E-01	2.66E+00	1.50E+01	8.47E-01	pCi/L	U
DW-2(581494006) - Drinking Water	31-May-22	Zirconium-95	4.13E+00	1.61E+00	4.13E+00	1.50E+01	1.93E+00	pCi/L	UI
DW-2(584387006) - Drinking Water	28-Jun-22	Zirconium-95	-4.29E-01	1.03E+00	3.22E+00	1.50E+01	1.04E+00	pCi/L	U
DW-2(587548006) - Drinking Water	26-Jul-22	Zirconium-95	-1.11E+00	1.23E+00	3.80E+00	1.50E+01	1.26E+00	pCi/L	U
DW-2(591563006) - Drinking Water	29-Aug-22	Zirconium-95	4.88E-01	6.93E-01	2.30E+00	1.50E+01	7.03E-01	pCi/L	U
DW-2(594838006) - Drinking Water	27-Sep-22	Zirconium-95	-6.72E-01	9.25E-01	2.93E+00	1.50E+01	9.39E-01	pCi/L	U
DW-2(598250006) - Drinking Water	25-Oct-22	Zirconium-95	1.59E+00	8.49E-01	2.63E+00	1.50E+01	9.27E-01	pCi/L	U
DW-2(602376006) - Drinking Water	29-Nov-22	Zirconium-95	6.03E-01	9.84E-01	3.23E+00	1.50E+01	9.94E-01	pCi/L	U
DW-2(605370006) - Drinking Water	27-Dec-22	Zirconium-95	1.74E-01	8.54E-01	2.89E+00	1.50E+01	8.55E-01	pCi/L	U

F-1 Bluegill
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-1 Bluegill(601377009) - Fish	27-Oct-22	Actinium-228	9.20E+01	6.55E+01	2.37E+02		6.90E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Antimony-124	3.49E+01	3.16E+01	1.27E+02		3.26E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Antimony-125	3.96E+01	3.64E+01	9.42E+01		3.76E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Barium-140	-5.00E+01	1.53E+02	4.77E+02		1.54E+02	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Beryllium-7	7.12E+01	1.26E+02	4.32E+02		1.27E+02	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Cerium-141	-2.58E+01	2.72E+01	8.00E+01		2.79E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Cerium-144	-5.45E+01	6.84E+01	2.04E+02		6.96E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Cesium-134	1.23E+01	1.54E+01	5.30E+01	1.30E+02	1.57E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Cesium-137	7.68E+00	1.37E+01	4.62E+01	1.50E+02	1.38E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Chromium-51	4.33E+01	1.97E+02	5.56E+02		1.97E+02	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Cobalt-57	3.96E+00	7.67E+00	2.48E+01		7.73E+00	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Cobalt-58	1.15E+01	1.65E+01	5.64E+01	1.30E+02	1.67E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Cobalt-60	6.73E+00	1.62E+01	5.62E+01	1.30E+02	1.63E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Iodine-131	-7.20E+00	1.55E+02	5.10E+02		1.55E+02	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Iron-59	-4.69E+01	4.45E+01	9.37E+01	2.60E+02	4.59E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Lanthanum-140	5.62E+01	6.49E+01	2.45E+02		6.62E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Manganese-54	-3.35E+01	1.51E+01	3.52E+01	1.30E+02	1.71E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Niobium-95	5.53E+00	1.84E+01	6.04E+01		1.85E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Potassium-40	2.67E+03	3.90E+02	3.88E+02		4.10E+02	pCi/kg	
F-1 Bluegill(601377009) - Fish	27-Oct-22	Ruthenium-103	2.76E+00	1.42E+01	4.71E+01		1.42E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Ruthenium-106	4.33E+01	1.22E+02	4.06E+02		1.22E+02	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Selenium-75	-1.06E+01	2.16E+01	5.80E+01		2.18E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Silver-108m	-3.08E-01	8.12E+00	2.66E+01		8.12E+00	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Silver-110m	-2.05E+01	2.07E+01	5.75E+01		2.13E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Strontium-89	-1.31E+01	1.18E+01	4.24E+01	3.00E+02	2.21E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Strontium-90	-2.03E+01	1.18E+01	5.25E+01	3.00E+02	1.49E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Thorium-228	5.70E+01	4.85E+01	8.92E+01		5.03E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Zinc-65	-2.82E+01	3.20E+01	8.58E+01	2.60E+02	3.26E+01	pCi/kg	U
F-1 Bluegill(601377009) - Fish	27-Oct-22	Zirconium-95	-2.01E+01	3.17E+01	9.42E+01		3.21E+01	pCi/kg	U

F-1 Brown Bullhead
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Actinium-228	3.54E+01	2.64E+01	9.01E+01		2.77E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Antimony-124	1.80E+01	1.48E+01	5.70E+01		1.53E+01	pCi/kg	U

F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Antimony-125	8.55E+00	1.30E+01	4.56E+01		1.31E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Barium-140	2.18E+01	8.61E+01	2.92E+02		8.63E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Beryllium-7	-2.58E+01	5.13E+01	1.66E+02		5.16E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Cerium-141	-8.28E+00	1.12E+01	3.50E+01		1.14E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Cerium-144	-4.10E+01	2.75E+01	8.26E+01		2.91E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Cesium-134	-1.60E+00	6.00E+00	1.90E+01	1.30E+02	6.01E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Cesium-137	4.84E-01	5.16E+00	1.71E+01	1.50E+02	5.16E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Chromium-51	1.46E+02	8.75E+01	3.22E+02		9.39E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Cobalt-57	1.18E-01	3.56E+00	1.17E+01		3.56E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Cobalt-58	-5.12E+00	6.58E+00	1.96E+01	1.30E+02	6.68E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Cobalt-60	6.04E+00	3.82E+00	1.58E+01	1.30E+02	4.07E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Iodine-131	3.88E+01	6.38E+01	2.25E+02		6.45E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Iron-59	2.35E+01	1.62E+01	6.14E+01	2.60E+02	1.71E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Lanthanum-140	1.63E+01	2.29E+01	8.44E+01		2.32E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Manganese-54	-5.58E+00	5.63E+00	1.64E+01	1.30E+02	5.78E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Niobium-95	-4.87E-01	6.54E+00	2.11E+01		6.54E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Potassium-40	2.02E+03	1.85E+02	2.03E+02		2.07E+02	pCi/kg	
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Ruthenium-103	5.53E+00	7.41E+00	2.61E+01		7.52E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Ruthenium-106	4.58E+01	4.73E+01	1.67E+02		4.85E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Selenium-75	9.37E+00	7.12E+00	2.42E+01		7.45E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Silver-108m	-1.92E+00	5.59E+00	1.72E+01		5.61E+00	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Silver-110m	-2.51E+01	9.78E+00	2.25E+01		1.14E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Strontium-89	-8.98E+01	1.83E+01	8.06E+01	3.00E+02	2.89E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Strontium-90	3.00E+01	1.73E+01	6.48E+01	3.00E+02	2.18E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Thorium-228	-2.41E+01	1.00E+01	2.84E+01		1.15E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Zinc-65	-1.12E+01	1.18E+01	2.99E+01	2.60E+02	1.21E+01	pCi/kg	U
F-1 Brown Bullhead(601377010) - Fish	27-Oct-22	Zirconium-95	-7.66E+00	1.39E+01	4.31E+01		1.40E+01	pCi/kg	U

F-1 Buffalo
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-1 Buffalo(582681009) - Fish	23-May-22	Actinium-228	1.28E+00	1.23E+01	4.12E+01		1.23E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Actinium-228	-7.39E+00	1.27E+01	4.07E+01		1.28E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Antimony-124	-1.19E+01	6.25E+00	1.29E+01		6.84E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Antimony-124	4.51E+00	8.02E+00	2.87E+01		8.09E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Antimony-125	-9.90E+00	6.52E+00	1.95E+01		6.92E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Antimony-125	8.68E-01	6.11E+00	1.96E+01		6.11E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Barium-140	1.00E+01	3.28E+01	1.10E+02		3.29E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Barium-140	-4.33E-01	3.11E+01	1.05E+02		3.11E+01	pCi/kg	U

F-1 Buffalo(582681009) - Fish	23-May-22	Beryllium-7	-8.27E+00	2.61E+01	8.43E+01		2.62E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Beryllium-7	4.04E+01	2.73E+01	9.96E+01		2.89E+01	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Cerium-141	-1.07E+01	5.49E+00	1.42E+01		6.03E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Cerium-141	5.13E-02	5.47E+00	1.73E+01		5.47E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Cerium-144	-3.98E+00	1.47E+01	4.40E+01		1.48E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Cerium-144	3.09E+01	1.37E+01	5.01E+01		1.55E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Cesium-134	4.00E+00	2.95E+00	9.81E+00	1.30E+02	3.10E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Cesium-134	1.13E+00	2.95E+00	9.25E+00	1.30E+02	2.96E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Cesium-137	-4.22E-01	3.08E+00	9.81E+00	1.50E+02	3.08E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Cesium-137	3.80E+00	3.39E+00	1.14E+01	1.50E+02	3.51E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Chromium-51	2.95E+01	3.66E+01	1.23E+02		3.72E+01	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Chromium-51	2.33E+01	3.37E+01	1.19E+02		3.41E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Cobalt-57	-1.78E+00	1.85E+00	6.01E+00		1.89E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Cobalt-57	9.32E-01	1.69E+00	5.74E+00		1.70E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Cobalt-58	2.63E+00	2.93E+00	9.39E+00	1.30E+02	2.99E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Cobalt-58	2.22E+00	2.98E+00	9.77E+00	1.30E+02	3.02E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Cobalt-60	-2.84E+00	2.80E+00	8.39E+00	1.30E+02	2.88E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Cobalt-60	-4.38E+00	3.77E+00	1.05E+01	1.30E+02	3.91E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Iodine-131	-1.09E+01	2.12E+01	6.16E+01		2.14E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Iodine-131	1.68E+01	2.08E+01	6.97E+01		2.11E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Iron-59	5.51E+00	9.13E+00	3.07E+01	2.60E+02	9.23E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Iron-59	2.09E+01	8.20E+00	3.28E+01	2.60E+02	9.58E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Lanthanum-140	-6.53E+00	1.40E+01	4.46E+01		1.41E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Lanthanum-140	-2.42E-01	1.11E+01	3.65E+01		1.11E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Manganese-54	-1.57E+00	2.55E+00	7.91E+00	1.30E+02	2.58E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Manganese-54	2.22E+00	2.37E+00	8.67E+00	1.30E+02	2.43E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Niobium-95	6.10E-02	4.52E+00	1.39E+01		4.52E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Niobium-95	-1.31E+00	4.07E+00	1.26E+01		4.08E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Potassium-40	2.83E+03	1.48E+02	1.11E+02		2.04E+02	pCi/kg	
F-1 Buffalo(582681008) - Fish	23-May-22	Potassium-40	2.86E+03	1.49E+02	9.74E+01		2.05E+02	pCi/kg	
F-1 Buffalo(582681008) - Fish	23-May-22	Ruthenium-103	4.57E-01	3.85E+00	1.31E+01		3.85E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Ruthenium-103	-5.17E-01	3.96E+00	1.29E+01		3.96E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Ruthenium-106	-1.01E+01	2.46E+01	7.67E+01		2.47E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Ruthenium-106	-1.51E+01	2.47E+01	7.91E+01		2.49E+01	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Selenium-75	3.57E+00	4.29E+00	1.13E+01		4.37E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Selenium-75	4.59E+00	3.34E+00	1.16E+01		3.51E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Silver-108m	-1.04E+00	2.20E+00	6.73E+00		2.21E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Silver-108m	3.24E-01	2.08E+00	7.01E+00		2.08E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Silver-110m	6.34E+00	3.86E+00	1.42E+01		4.14E+00	pCi/kg	U

F-1 Buffalo(582681009) - Fish	23-May-22	Silver-110m	4.00E+00	3.72E+00	1.36E+01		3.84E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Strontium-89	6.29E+01	6.53E+01	2.01E+02	3.00E+02	8.42E+01	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Strontium-89	4.74E+01	4.85E+01	1.48E+02	3.00E+02	6.90E+01	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Strontium-90	-3.95E+01	3.02E+01	1.52E+02	3.00E+02	4.35E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Strontium-90	1.71E+01	3.41E+01	1.57E+02	3.00E+02	4.92E+01	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Thorium-228	5.57E+00	7.01E+00	1.67E+01		7.13E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Thorium-228	-1.13E+01	5.14E+00	1.41E+01		5.78E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Zinc-65	-2.48E+00	8.44E+00	2.28E+01	2.60E+02	8.46E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Zinc-65	-6.16E+00	8.96E+00	2.81E+01	2.60E+02	9.07E+00	pCi/kg	U
F-1 Buffalo(582681008) - Fish	23-May-22	Zirconium-95	-8.66E-01	5.44E+00	1.77E+01		5.45E+00	pCi/kg	U
F-1 Buffalo(582681009) - Fish	23-May-22	Zirconium-95	-1.42E+00	5.07E+00	1.56E+01		5.08E+00	pCi/kg	U

F-1 Gizzard Shad
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Actinium-228	3.58E+00	1.28E+01	4.39E+01		1.28E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Antimony-124	1.75E+00	7.35E+00	2.21E+01		7.36E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Antimony-125	1.13E+01	7.02E+00	2.48E+01		7.51E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Barium-140	3.24E+01	4.15E+01	1.48E+02		4.22E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Beryllium-7	3.44E+01	3.09E+01	1.06E+02		3.20E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Cerium-141	7.59E+00	6.52E+00	2.24E+01		6.75E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Cerium-144	5.17E+00	1.69E+01	5.63E+01		1.70E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Cesium-134	6.62E+00	3.28E+00	1.18E+01	1.30E+02	3.63E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Cesium-137	6.30E+00	2.73E+00	1.06E+01	1.50E+02	3.11E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Chromium-51	-3.15E+01	4.42E+01	1.36E+02		4.48E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Cobalt-57	2.51E+00	2.29E+00	7.85E+00		2.36E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Cobalt-58	1.55E+00	3.27E+00	1.14E+01	1.30E+02	3.29E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Cobalt-60	-1.12E-01	2.94E+00	9.26E+00	1.30E+02	2.94E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Iodine-131	-5.91E+01	3.52E+01	1.01E+02		3.78E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Iron-59	-7.73E+00	9.43E+00	2.90E+01	2.60E+02	9.60E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Lanthanum-140	-7.29E-01	1.01E+01	3.23E+01		1.01E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Manganese-54	-3.73E+00	2.83E+00	8.42E+00	1.30E+02	2.96E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Niobium-95	-1.15E+01	3.67E+00	8.83E+00		4.56E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Potassium-40	2.52E+03	1.40E+02	5.39E+01		1.77E+02	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Ruthenium-103	4.06E+00	3.82E+00	1.31E+01		3.94E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Ruthenium-106	-3.37E+01	2.19E+01	6.48E+01		2.33E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Selenium-75	-4.71E+00	3.60E+00	1.08E+01		3.77E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Silver-108m	-4.76E-01	2.38E+00	7.47E+00		2.38E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Silver-110m	1.51E+00	4.12E+00	1.42E+01		4.14E+00	pCi/kg	U

F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Strontium-89	-7.56E+01	1.96E+01	8.41E+01	3.00E+02	3.17E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Strontium-90	3.42E+01	1.62E+01	5.87E+01	3.00E+02	2.04E+01	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Thorium-228	-6.94E+00	4.92E+00	1.52E+01		5.18E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Zinc-65	9.01E+00	7.34E+00	2.66E+01	2.60E+02	7.64E+00	pCi/kg	U
F-1 Gizzard Shad(601377008) - Fish	27-Oct-22	Zirconium-95	3.14E+00	6.44E+00	2.24E+01		6.48E+00	pCi/kg	U

F-1 W. Bass
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-1 W. Bass(582681010) - Fish	23-May-22	Actinium-228	-6.97E+01	6.00E+01	1.75E+02		6.22E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Antimony-124	2.84E+00	3.50E+01	1.15E+02		3.50E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Antimony-125	3.40E+01	2.91E+01	1.03E+02		3.02E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Barium-140	2.27E+01	1.36E+02	4.44E+02		1.36E+02	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Beryllium-7	1.06E+02	1.07E+02	3.77E+02		1.10E+02	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Cerium-141	-2.97E+01	2.30E+01	5.86E+01		2.40E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Cerium-144	6.99E+01	6.01E+01	1.98E+02		6.23E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Cesium-134	1.12E+00	1.37E+01	4.37E+01	1.30E+02	1.37E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Cesium-137	1.16E+01	1.16E+01	4.07E+01	1.50E+02	1.20E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Chromium-51	-4.15E+01	1.49E+02	4.85E+02		1.50E+02	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Cobalt-57	-1.50E-01	7.34E+00	2.27E+01		7.34E+00	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Cobalt-58	-1.22E+01	1.51E+01	4.32E+01	1.30E+02	1.54E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Cobalt-60	5.07E+00	1.08E+01	3.79E+01	1.30E+02	1.08E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Iodine-131	-6.90E+01	9.23E+01	2.89E+02		9.38E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Iron-59	5.87E+01	3.52E+01	1.35E+02	2.60E+02	3.78E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Lanthanum-140	1.73E+01	5.16E+01	1.77E+02		5.18E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Manganese-54	2.09E+01	1.12E+01	2.09E+01	1.30E+02	1.13E+01	pCi/kg	UI
F-1 W. Bass(582681010) - Fish	23-May-22	Niobium-95	8.33E+00	1.32E+01	4.48E+01		1.34E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Potassium-40	1.92E+03	3.69E+02	4.03E+02		3.81E+02	pCi/kg	
F-1 W. Bass(582681010) - Fish	23-May-22	Ruthenium-103	3.52E-01	1.45E+01	4.70E+01		1.45E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Ruthenium-106	-2.86E+00	1.21E+02	3.86E+02		1.21E+02	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Selenium-75	7.79E+00	1.52E+01	4.75E+01		1.53E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Silver-108m	1.39E+01	9.33E+00	3.37E+01		9.88E+00	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Silver-110m	-6.22E+00	2.08E+01	6.31E+01		2.08E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Strontium-89	1.22E+01	3.19E+01	1.02E+02	3.00E+02	4.90E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Strontium-90	-4.26E+01	2.23E+01	1.14E+02	3.00E+02	3.22E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Thorium-228	3.13E+00	3.02E+01	7.05E+01		3.02E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Zinc-65	-5.18E+00	3.38E+01	1.11E+02	2.60E+02	3.38E+01	pCi/kg	U
F-1 W. Bass(582681010) - Fish	23-May-22	Zirconium-95	-2.91E+00	3.22E+01	1.02E+02		3.22E+01	pCi/kg	U

F-1 W. Perch
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-1 W. Perch(582681007) - Fish	23-May-22	Actinium-228	1.24E+02	8.27E+01	2.76E+02		8.77E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Antimony-124	-3.83E+01	4.78E+01	1.28E+02		4.87E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Antimony-125	-3.96E+01	4.37E+01	1.30E+02		4.46E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Barium-140	7.27E+01	2.53E+02	8.16E+02		2.54E+02	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Beryllium-7	-1.13E+02	1.44E+02	3.55E+02		1.46E+02	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Cerium-141	-4.24E+01	3.06E+01	8.72E+01		3.21E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Cerium-144	-9.79E+01	7.76E+01	2.24E+02		8.09E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Cesium-134	-1.63E+01	2.10E+01	6.35E+01	1.30E+02	2.13E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Cesium-137	5.08E+00	2.53E+01	6.99E+01	1.50E+02	2.53E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Chromium-51	1.64E+02	2.17E+02	7.41E+02		2.20E+02	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Cobalt-57	1.54E+00	9.31E+00	2.96E+01		9.32E+00	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Cobalt-58	7.31E+00	1.86E+01	6.33E+01	1.30E+02	1.86E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Cobalt-60	-4.73E+00	2.34E+01	7.12E+01	1.30E+02	2.34E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Iodine-131	9.41E+01	1.26E+02	4.31E+02		1.28E+02	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Iron-59	-6.67E+01	3.49E+01	5.85E+01	2.60E+02	3.83E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Lanthanum-140	6.58E+01	8.85E+01	3.20E+02		8.98E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Manganese-54	2.17E+01	1.84E+01	6.67E+01	1.30E+02	1.91E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Niobium-95	-1.92E+01	2.10E+01	6.25E+01		2.15E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Potassium-40	3.32E+03	5.10E+02	5.82E+02		5.35E+02	pCi/kg	
F-1 W. Perch(582681007) - Fish	23-May-22	Ruthenium-103	1.76E+01	2.47E+01	8.27E+01		2.50E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Ruthenium-106	7.32E+01	1.72E+02	5.57E+02		1.73E+02	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Selenium-75	2.58E+01	2.19E+01	7.12E+01		2.27E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Silver-108m	-2.03E+01	1.48E+01	4.22E+01		1.56E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Silver-110m	6.91E+00	2.71E+01	9.02E+01		2.71E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Strontium-89	-3.47E+01	5.45E+01	1.87E+02	3.00E+02	7.41E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Strontium-90	2.70E+01	3.31E+01	1.50E+02	3.00E+02	4.77E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Thorium-228	2.97E+01	3.09E+01	9.95E+01		3.17E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Zinc-65	5.93E+01	5.67E+01	1.98E+02	2.60E+02	5.83E+01	pCi/kg	U
F-1 W. Perch(582681007) - Fish	23-May-22	Zirconium-95	3.63E+01	4.10E+01	1.45E+02		4.19E+01	pCi/kg	U

F-1 Walleye
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-1 Walleye(601377007) - Fish	27-Oct-22	Actinium-228	-2.95E+01	2.30E+01	6.80E+01		2.41E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Antimony-124	-7.23E+00	1.27E+01	3.87E+01		1.29E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Antimony-125	1.26E+01	1.26E+01	4.37E+01		1.30E+01	pCi/kg	U

F-1 Walleye(601377007) - Fish	27-Oct-22	Barium-140	2.42E+00	9.11E+01	3.00E+02		9.11E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Beryllium-7	-5.78E+01	5.88E+01	1.82E+02		6.04E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Cerium-141	8.53E+00	1.09E+01	3.70E+01		1.11E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Cerium-144	-1.17E+01	2.46E+01	7.83E+01		2.48E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Cesium-134	-5.82E+00	5.98E+00	1.70E+01	1.30E+02	6.13E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Cesium-137	1.24E+00	9.52E+00	1.63E+01	1.50E+02	9.52E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Chromium-51	1.52E+01	7.66E+01	2.65E+02		7.67E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Cobalt-57	-2.96E+00	3.16E+00	9.84E+00		3.23E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Cobalt-58	-4.40E+00	7.04E+00	2.09E+01	1.30E+02	7.11E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Cobalt-60	6.18E+00	4.05E+00	1.64E+01	1.30E+02	4.30E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Iodine-131	6.62E+01	5.89E+01	2.13E+02		6.09E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Iron-59	2.27E+01	1.92E+01	6.42E+01	2.60E+02	1.99E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Lanthanum-140	1.90E+01	3.10E+01	1.08E+02		3.13E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Manganese-54	4.97E+00	5.34E+00	1.92E+01	1.30E+02	5.34E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Niobium-95	3.92E+00	6.24E+00	2.12E+01		6.30E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Potassium-40	2.80E+03	2.22E+02	1.74E+02		2.61E+02	pCi/kg	
F-1 Walleye(601377007) - Fish	27-Oct-22	Ruthenium-103	5.33E+00	7.57E+00	2.63E+01		7.67E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Ruthenium-106	3.17E+00	4.60E+01	1.50E+02		4.60E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Selenium-75	-6.59E-01	7.26E+00	2.26E+01		7.26E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Silver-108m	-1.43E+00	4.44E+00	1.29E+01		4.45E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Silver-110m	1.08E+01	6.06E+00	2.41E+01		6.57E+00	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Strontium-89	3.51E-01	1.44E+01	4.72E+01	3.00E+02	2.44E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Strontium-90	8.97E+00	1.17E+01	4.68E+01	3.00E+02	1.47E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Thorium-228	6.97E+00	1.15E+01	3.00E+01		1.16E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Zinc-65	-1.28E+01	1.22E+01	3.61E+01	2.60E+02	1.26E+01	pCi/kg	U
F-1 Walleye(601377007) - Fish	27-Oct-22	Zirconium-95	3.46E+01	1.34E+01	4.42E+01		1.57E+01	pCi/kg	U

F-2 Glizz Shad
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Actinium-228	2.71E+01	1.30E+01	4.92E+01		1.45E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Antimony-124	-7.35E+00	1.15E+01	3.50E+01		1.16E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Antimony-125	-1.29E+01	8.42E+00	2.48E+01		8.95E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Barium-140	5.89E+00	4.38E+01	1.45E+02		4.38E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Beryllium-7	-4.58E+01	3.21E+01	9.28E+01		3.38E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Cerium-141	-9.36E-01	6.97E+00	2.26E+01		6.97E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Cerium-144	9.60E+00	1.95E+01	6.54E+01		1.96E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Cesium-134	4.56E+00	3.40E+00	1.30E+01	1.30E+02	3.57E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Cesium-137	8.64E-01	4.67E+00	1.51E+01	1.50E+02	4.67E+00	pCi/kg	U

F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Chromium-51	-5.21E+01	4.30E+01	1.18E+02		4.47E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Cobalt-57	-9.10E-01	2.15E+00	6.90E+00		2.16E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Cobalt-58	-1.34E+00	3.11E+00	1.00E+01	1.30E+02	3.13E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Cobalt-60	-1.72E+00	3.40E+00	1.01E+01	1.30E+02	3.42E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Iodine-131	5.08E-02	2.47E+01	8.35E+01		2.47E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Iron-59	-1.03E+01	1.03E+01	3.02E+01	2.60E+02	1.06E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Lanthanum-140	-1.80E+01	1.73E+01	4.58E+01		1.78E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Manganese-54	-5.15E+00	3.80E+00	9.14E+00	1.30E+02	3.99E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Niobium-95	-5.84E+00	4.44E+00	1.21E+01		4.65E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Potassium-40	2.73E+03	1.74E+02	9.82E+01		2.18E+02	pCi/kg	
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Ruthenium-103	-5.11E+00	4.90E+00	1.49E+01		5.05E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Ruthenium-106	-5.10E+01	2.98E+01	7.14E+01		3.21E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Selenium-75	-7.61E-01	4.24E+00	1.30E+01		4.24E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Silver-108m	2.63E+00	2.81E+00	9.97E+00		2.88E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Silver-110m	-7.81E-02	4.20E+00	1.41E+01		4.20E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Strontium-89	-1.37E+02	1.54E+01	9.87E+01	3.00E+02	3.52E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Strontium-90	5.32E+01	2.03E+01	6.93E+01	3.00E+02	2.56E+01	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Thorium-228	6.47E+00	8.08E+00	2.10E+01		8.22E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Zinc-65	5.78E+00	8.62E+00	3.03E+01	2.60E+02	8.72E+00	pCi/kg	U
F-2 Glizz Shad(601377004) - Fish	2-Nov-22	Zirconium-95	2.13E+01	6.30E+00	2.61E+01		8.03E+00	pCi/kg	U

F-2 Longnose Gar

Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Actinium-228	-1.18E+02	9.13E+01	2.91E+02		9.54E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Antimony-124	-5.27E+01	3.79E+01	7.38E+01		3.98E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Antimony-125	-3.90E+01	3.88E+01	1.17E+02		3.98E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Barium-140	1.95E+02	1.53E+02	5.06E+02		1.60E+02	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Beryllium-7	-4.85E+02	1.63E+02	3.97E+02		1.99E+02	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Cerium-141	-2.43E+01	3.00E+01	8.44E+01		3.05E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Cerium-144	-7.15E+01	8.13E+01	2.47E+02		8.30E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Cesium-134	2.21E+01	2.18E+01	7.58E+01	1.30E+02	2.24E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Cesium-137	-3.67E+01	2.60E+01	7.56E+01	1.50E+02	2.74E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Chromium-51	4.13E+02	2.95E+02	5.49E+02		2.96E+02	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Cobalt-57	5.00E+00	1.07E+01	3.51E+01		1.08E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Cobalt-58	2.29E+01	2.19E+01	7.65E+01	1.30E+02	2.26E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Cobalt-60	4.36E+01	2.01E+01	8.84E+01	1.30E+02	2.26E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Iodine-131	-2.62E+00	5.05E+01	1.68E+02		5.05E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Iron-59	-4.71E+01	4.38E+01	1.27E+02	2.60E+02	4.52E+01	pCi/kg	U

F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Lanthanum-140	-3.42E+01	4.82E+01	1.36E+02		4.89E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Manganese-54	-6.99E+00	2.00E+01	6.06E+01	1.30E+02	2.00E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Niobium-95	3.46E+01	2.04E+01	7.54E+01		2.19E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Potassium-40	3.63E+03	5.37E+02	5.57E+02		5.63E+02	pCi/kg	
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Ruthenium-103	-2.33E+01	2.01E+01	5.96E+01		2.09E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Ruthenium-106	2.32E+02	2.58E+02	5.38E+02		2.59E+02	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Selenium-75	4.11E+00	1.84E+01	6.34E+01		1.84E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Silver-108m	-3.54E+00	1.26E+01	4.07E+01		1.26E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Silver-110m	-1.18E+01	1.91E+01	5.36E+01		1.93E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Strontium-89	3.04E+01	4.22E+01	1.33E+02	3.00E+02	5.55E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Strontium-90	-6.73E+01	2.74E+01	1.44E+02	3.00E+02	3.95E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Thorium-228	-2.78E+01	3.18E+01	1.00E+02		3.25E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Zinc-65	3.15E+00	4.41E+01	1.47E+02	2.60E+02	4.42E+01	pCi/kg	U
F-2 Longnose Gar(582681011) - Fish	2-Jun-22	Zirconium-95	2.62E+01	3.81E+01	1.29E+02		3.86E+01	pCi/kg	U

F-2 Spotted Gar
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Actinium-228	-9.90E+01	6.86E+01	1.75E+02		7.25E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Antimony-124	2.74E+01	3.21E+01	1.21E+02		3.28E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Antimony-125	2.22E+01	2.90E+01	1.04E+02		2.95E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Barium-140	-9.47E+01	1.32E+02	4.09E+02		1.34E+02	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Beryllium-7	-5.71E+01	1.26E+02	4.08E+02		1.27E+02	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Cerium-141	-4.49E+01	2.75E+01	7.15E+01		2.95E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Cerium-144	8.15E+00	6.78E+01	2.25E+02		6.78E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Cesium-134	3.31E+00	1.34E+01	4.00E+01	1.30E+02	1.34E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Cesium-137	1.24E+01	1.27E+01	4.19E+01	1.50E+02	1.30E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Chromium-51	-4.46E+01	1.76E+02	5.36E+02		1.76E+02	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Cobalt-57	1.40E+01	1.24E+01	2.71E+01		1.24E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Cobalt-58	1.02E+01	1.42E+01	4.93E+01	1.30E+02	1.44E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Cobalt-60	1.23E+01	1.15E+01	4.40E+01	1.30E+02	1.18E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Iodine-131	8.91E+01	8.09E+01	2.96E+02		8.35E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Iron-59	-5.94E+01	3.53E+01	9.56E+01	2.60E+02	3.80E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Lanthanum-140	5.80E+00	5.00E+01	1.66E+02		5.00E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Manganese-54	-5.49E+00	1.25E+01	3.82E+01	1.30E+02	1.26E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Niobium-95	2.02E+01	1.47E+01	5.41E+01		1.54E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Potassium-40	1.71E+03	4.79E+02	6.19E+02		4.87E+02	pCi/kg	
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Ruthenium-103	-2.00E+01	1.77E+01	4.63E+01		1.83E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Ruthenium-106	-1.13E+02	1.18E+02	3.56E+02		1.21E+02	pCi/kg	U

F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Selenium-75	5.10E+00	1.65E+01	5.32E+01		1.65E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Silver-108m	1.75E+00	9.05E+00	3.10E+01		9.06E+00	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Silver-110m	-2.66E+01	1.87E+01	4.90E+01		1.97E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Strontium-89	-5.39E+00	1.15E+01	3.93E+01	3.00E+02	1.75E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Strontium-90	1.09E+01	9.10E+00	3.46E+01	3.00E+02	1.14E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Thorium-228	-1.55E+01	2.33E+01	7.20E+01		2.36E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Zinc-65	4.13E+01	2.47E+01	9.90E+01	2.60E+02	2.65E+01	pCi/kg	U
F-2 Spotted Gar(601377003) - Fish	2-Nov-22	Zirconium-95	-8.08E-01	2.39E+01	7.69E+01		2.39E+01	pCi/kg	U

F-2 W. Bass
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-2 W. Bass(582681006) - Fish	2-Jun-22	Actinium-228	1.48E+02	7.87E+01	3.01E+02		8.59E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Antimony-124	4.31E+01	3.85E+01	1.56E+02		3.98E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Antimony-125	3.14E+01	3.70E+01	1.27E+02		3.77E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Barium-140	-3.42E+01	1.21E+02	3.72E+02		1.21E+02	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Beryllium-7	-1.38E+02	1.18E+02	3.26E+02		1.22E+02	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Cerium-141	-9.46E+00	1.86E+01	5.24E+01		1.87E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Cerium-144	-3.41E+01	4.93E+01	1.46E+02		4.99E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Cesium-134	-1.03E+01	1.55E+01	4.67E+01	1.30E+02	1.56E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Cesium-137	-6.11E+00	2.15E+01	6.84E+01	1.50E+02	2.16E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Chromium-51	7.24E+01	1.26E+02	4.31E+02		1.27E+02	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Cobalt-57	4.48E+00	5.56E+00	1.84E+01		5.66E+00	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Cobalt-58	4.52E+00	1.84E+01	6.24E+01	1.30E+02	1.85E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Cobalt-60	3.75E+00	1.90E+01	6.23E+01	1.30E+02	1.90E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Iodine-131	2.96E+01	4.21E+01	1.45E+02		4.26E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Iron-59	-5.67E+01	4.43E+01	1.17E+02	2.60E+02	4.63E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Lanthanum-140	-9.26E+01	4.52E+01	7.99E+01		5.01E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Manganese-54	1.10E+01	1.61E+01	5.70E+01	1.30E+02	1.63E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Niobium-95	-9.71E+00	1.37E+01	4.08E+01		1.38E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Potassium-40	2.83E+03	5.02E+02	6.04E+02		5.17E+02	pCi/kg	
F-2 W. Bass(582681006) - Fish	2-Jun-22	Ruthenium-103	-2.61E+01	1.71E+01	4.59E+01		1.81E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Ruthenium-106	-2.72E+01	1.56E+02	4.80E+02		1.56E+02	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Selenium-75	-9.67E+00	1.47E+01	4.69E+01		1.49E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Silver-108m	-2.03E+01	1.06E+01	2.69E+01		1.16E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Silver-110m	-2.75E+01	2.38E+01	6.72E+01		2.47E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Strontium-89	-1.41E+02	2.68E+01	1.27E+02	3.00E+02	5.37E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Strontium-90	3.75E+01	3.21E+01	1.45E+02	3.00E+02	4.62E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Thorium-228	-2.22E+01	2.17E+01	5.73E+01		2.23E+01	pCi/kg	U

F-2 W. Bass(582681006) - Fish	2-Jun-22	Zinc-65	-1.31E+01	5.09E+01	1.60E+02	2.60E+02	5.10E+01	pCi/kg	U
F-2 W. Bass(582681006) - Fish	2-Jun-22	Zirconium-95	2.61E+01	3.20E+01	1.15E+02		3.26E+01	pCi/kg	U

F-2 W. Perch
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-2 W. Perch(601377005) - Fish	2-Nov-22	Actinium-228	6.64E+01	3.96E+01	1.54E+02		4.26E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Antimony-124	4.16E+01	3.16E+01	1.23E+02		3.31E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Antimony-125	3.64E+01	2.59E+01	9.47E+01		2.72E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Barium-140	2.00E+02	1.14E+02	4.32E+02		1.23E+02	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Beryllium-7	1.37E+02	1.17E+02	4.17E+02		1.21E+02	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Cerium-141	-1.97E+01	1.98E+01	5.94E+01		2.03E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Cerium-144	-8.37E+00	4.71E+01	1.49E+02		4.72E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Cesium-134	8.87E+00	1.25E+01	4.27E+01	1.30E+02	1.27E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Cesium-137	1.44E+00	1.10E+01	3.57E+01	1.50E+02	1.10E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Chromium-51	2.38E+02	1.12E+02	4.32E+02		1.25E+02	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Cobalt-57	-3.92E+00	6.09E+00	1.88E+01		6.15E+00	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Cobalt-58	-8.34E+00	1.24E+01	3.58E+01	1.30E+02	1.26E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Cobalt-60	1.80E+01	1.39E+01	5.17E+01	1.30E+02	1.45E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Iodine-131	8.34E+01	7.37E+01	2.65E+02		7.62E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Iron-59	5.00E+01	2.54E+01	1.06E+02	2.60E+02	2.80E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Lanthanum-140	-7.69E+01	5.49E+01	1.28E+02		5.78E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Manganese-54	-2.75E+00	1.29E+01	3.49E+01	1.30E+02	1.29E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Niobium-95	-1.08E+01	1.35E+01	3.91E+01		1.38E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Potassium-40	3.61E+03	4.03E+02	3.82E+02		4.40E+02	pCi/kg	
F-2 W. Perch(601377005) - Fish	2-Nov-22	Ruthenium-103	1.53E+00	1.17E+01	3.89E+01		1.17E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Ruthenium-106	8.90E+01	1.03E+02	3.56E+02		1.05E+02	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Selenium-75	1.62E+01	1.30E+01	4.73E+01		1.35E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Silver-108m	1.01E+01	8.76E+00	3.15E+01		9.08E+00	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Silver-110m	3.69E+01	1.81E+01	7.05E+01		2.01E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Strontium-89	-2.41E+01	1.24E+01	4.71E+01	3.00E+02	2.60E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Strontium-90	-1.20E+01	1.33E+01	5.70E+01	3.00E+02	1.68E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Thorium-228	-6.47E+00	2.45E+01	8.82E+01		2.46E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Zinc-65	3.51E+01	2.70E+01	1.01E+02	2.60E+02	2.82E+01	pCi/kg	U
F-2 W. Perch(601377005) - Fish	2-Nov-22	Zirconium-95	6.15E+01	3.31E+01	7.30E+01		3.61E+01	pCi/kg	U

F-2 Walleye
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
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F-2 Walleye(601377006) - Fish	2-Nov-22	Actinium-228	3.96E+00	1.29E+01	3.49E+01		1.29E+01	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Antimony-124	1.04E+01	4.53E+00	2.11E+01		5.14E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Antimony-125	-1.05E+01	4.98E+00	1.31E+01		5.55E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Barium-140	-2.20E+01	2.75E+01	8.18E+01		2.80E+01	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Beryllium-7	-3.20E+01	2.48E+01	7.24E+01		2.59E+01	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Cerium-141	7.31E-01	5.40E+00	1.70E+01		5.40E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Cerium-144	4.08E+01	1.59E+01	4.08E+01		1.60E+01	pCi/kg	UI
F-2 Walleye(601377006) - Fish	2-Nov-22	Cesium-134	1.46E+00	2.35E+00	8.27E+00	1.30E+02	2.37E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Cesium-137	3.55E-01	2.49E+00	8.51E+00	1.50E+02	2.49E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Chromium-51	1.09E+01	2.96E+01	1.00E+02		2.97E+01	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Cobalt-57	-2.44E+00	1.70E+00	4.95E+00		1.79E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Cobalt-58	-5.14E-02	2.73E+00	9.08E+00	1.30E+02	2.73E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Cobalt-60	3.11E-01	3.24E+00	1.05E+01	1.30E+02	3.24E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Iodine-131	-2.10E+00	1.56E+01	5.10E+01		1.56E+01	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Iron-59	2.96E+00	6.86E+00	2.33E+01	2.60E+02	6.89E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Lanthanum-140	-4.25E+00	8.99E+00	2.79E+01		9.05E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Manganese-54	-9.50E-01	2.26E+00	7.22E+00	1.30E+02	2.27E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Niobium-95	2.26E+00	3.02E+00	1.07E+01		3.07E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Potassium-40	3.29E+03	1.47E+02	8.11E+01		2.17E+02	pCi/kg	
F-2 Walleye(601377006) - Fish	2-Nov-22	Ruthenium-103	1.58E+00	2.74E+00	9.25E+00		2.76E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Ruthenium-106	2.00E+00	1.98E+01	6.01E+01		1.98E+01	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Selenium-75	5.65E+00	2.81E+00	1.04E+01		3.11E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Silver-108m	1.05E+00	1.92E+00	6.48E+00		1.94E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Silver-110m	2.38E-01	3.96E+00	1.22E+01		3.96E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Strontium-89	-2.61E+01	2.05E+01	7.17E+01	3.00E+02	2.41E+01	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Strontium-90	6.97E+00	6.73E+00	2.59E+01	3.00E+02	8.47E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Thorium-228	1.92E+00	4.93E+00	1.58E+01		4.95E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Zinc-65	9.91E+00	6.09E+00	2.11E+01	2.60E+02	6.51E+00	pCi/kg	U
F-2 Walleye(601377006) - Fish	2-Nov-22	Zirconium-95	-3.51E+00	5.49E+00	1.75E+01		5.55E+00	pCi/kg	U

F-3 Channel Catfish

Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Actinium-228	3.48E+01	3.35E+01	1.06E+02		3.45E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Antimony-124	-8.78E+00	1.08E+01	2.78E+01		1.10E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Antimony-125	1.05E+01	1.43E+01	5.12E+01		1.45E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Barium-140	6.77E+01	3.29E+01	1.28E+02		3.65E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Beryllium-7	7.55E+01	3.89E+01	1.55E+02		4.27E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Cerium-141	9.72E+00	8.89E+00	3.08E+01		9.18E+00	pCi/kg	U

F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Cerium-144	3.89E+01	2.90E+01	1.03E+02		3.04E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Cesium-134	-8.97E-01	6.35E+00	2.04E+01	1.30E+02	6.36E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Cesium-137	5.77E+00	7.73E+00	2.70E+01	1.50E+02	7.85E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Chromium-51	4.00E+00	5.46E+01	1.72E+02		5.46E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Cobalt-57	-9.36E-01	3.80E+00	1.23E+01		3.81E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Cobalt-58	-5.03E+00	5.58E+00	1.60E+01	1.30E+02	5.70E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Cobalt-60	8.07E+00	5.84E+00	2.34E+01	1.30E+02	6.14E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Iodine-131	1.67E+01	1.26E+01	4.66E+01		1.32E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Iron-59	3.27E+01	1.54E+01	6.03E+01	2.60E+02	1.72E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Lanthanum-140	-2.31E+01	1.76E+01	3.84E+01		1.84E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Manganese-54	5.93E+00	6.22E+00	2.22E+01	1.30E+02	6.37E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Niobium-95	1.04E+01	6.61E+00	2.48E+01		7.04E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Potassium-40	2.19E+03	2.36E+02	2.11E+02		2.61E+02	pCi/kg	
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Ruthenium-103	3.10E+00	5.14E+00	1.83E+01		5.19E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Ruthenium-106	6.93E+01	9.62E+01	1.84E+02		9.62E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Selenium-75	-1.07E+01	7.71E+00	1.93E+01		8.11E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Silver-108m	-5.58E-01	4.73E+00	1.59E+01		4.73E+00	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Silver-110m	2.03E+01	9.87E+00	3.07E+01		1.10E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Strontium-89	5.21E+01	5.21E+01	1.58E+02	3.00E+02	7.77E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Strontium-90	2.21E+01	5.54E+01	2.61E+02	3.00E+02	8.08E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Thorium-228	2.28E+01	1.68E+01	4.18E+01		1.76E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Zinc-65	-1.37E+01	1.65E+01	4.73E+01	2.60E+02	1.68E+01	pCi/kg	U
F-3 Channel Catfish(582681002) - Fish	8-Jun-22	Zirconium-95	5.55E-01	1.25E+01	4.12E+01		1.25E+01	pCi/kg	U

F-3 Gizzard Shad
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Actinium-228	1.44E+01	2.29E+01	5.99E+01		2.32E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Antimony-124	-2.59E-01	4.01E+00	1.33E+01		4.01E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Antimony-125	1.60E+01	7.29E+00	2.71E+01		8.20E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Barium-140	-2.86E+01	2.39E+01	7.00E+01		2.48E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Beryllium-7	1.26E+01	3.04E+01	1.01E+02		3.06E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Cerium-141	1.49E-01	6.03E+00	1.88E+01		6.03E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Cerium-144	8.64E+00	1.71E+01	5.48E+01		1.72E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Cesium-134	7.61E+00	5.61E+00	1.25E+01	1.30E+02	5.88E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Cesium-137	-1.49E-01	3.52E+00	1.11E+01	1.50E+02	3.52E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Chromium-51	6.34E+00	3.13E+01	1.05E+02		3.14E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Cobalt-57	1.89E+00	2.74E+00	8.31E+00		2.78E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Cobalt-58	-1.50E+00	3.35E+00	9.35E+00	1.30E+02	3.36E+00	pCi/kg	U

F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Cobalt-60	-4.01E+00	3.85E+00	1.11E+01	1.30E+02	3.96E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Iodine-131	8.20E+00	1.00E+01	3.44E+01		1.02E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Iron-59	1.67E+01	8.74E+00	3.28E+01	2.60E+02	9.59E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Lanthanum-140	-4.04E+00	6.27E+00	1.91E+01		6.34E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Manganese-54	5.30E+00	3.19E+00	1.19E+01	1.30E+02	3.43E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Niobium-95	3.01E+00	4.06E+00	1.43E+01		4.12E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Potassium-40	2.97E+03	1.61E+02	6.20E+01		2.21E+02	pCi/kg	
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Ruthenium-103	1.85E+00	4.12E+00	1.23E+01		4.15E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Ruthenium-106	3.86E+00	2.68E+01	8.62E+01		2.68E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Selenium-75	-4.18E+00	3.81E+00	1.22E+01		3.93E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Silver-108m	1.66E+00	2.38E+00	8.14E+00		2.42E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Silver-110m	3.30E-01	4.85E+00	1.63E+01		4.86E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Strontium-89	-4.78E+01	3.46E+01	1.24E+02	3.00E+02	4.33E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Strontium-90	1.83E+01	2.15E+01	8.34E+01	3.00E+02	2.71E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Thorium-228	1.64E+01	1.28E+01	1.69E+01		1.28E+01	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Zinc-65	-3.52E+00	8.54E+00	2.71E+01	2.60E+02	8.58E+00	pCi/kg	U
F-3 Gizzard Shad(601377001) - Fish	11-Nov-22	Zirconium-95	-2.86E+00	5.79E+00	1.88E+01		5.83E+00	pCi/kg	U

F-3 Long Nose Gar

Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Actinium-228	-1.12E+02	5.64E+01	1.60E+02		6.22E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Antimony-124	-3.05E+01	2.80E+01	7.57E+01		2.89E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Antimony-125	4.83E+01	2.77E+01	1.02E+02		2.99E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Barium-140	-1.04E+01	5.95E+01	1.89E+02		5.95E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Beryllium-7	2.62E+02	9.21E+01	3.62E+02		1.11E+02	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Cerium-141	7.04E-01	1.63E+01	5.23E+01		1.63E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Cerium-144	1.19E+02	4.90E+01	1.80E+02		5.63E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Cesium-134	-8.59E+00	1.17E+01	3.64E+01	1.30E+02	1.18E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Cesium-137	2.00E+01	1.62E+01	4.40E+01	1.50E+02	1.62E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Chromium-51	2.49E+01	9.57E+01	3.27E+02		9.59E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Cobalt-57	-4.98E+00	6.56E+00	2.03E+01		6.66E+00	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Cobalt-58	4.62E+00	1.17E+01	4.04E+01	1.30E+02	1.17E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Cobalt-60	1.55E+01	1.22E+01	4.57E+01	1.30E+02	1.27E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Iodine-131	-1.08E+01	2.28E+01	6.51E+01		2.29E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Iron-59	7.34E+00	2.61E+01	8.79E+01	2.60E+02	2.62E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Lanthanum-140	2.23E+01	1.94E+01	7.53E+01		2.01E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Manganese-54	-1.46E+01	1.20E+01	3.38E+01	1.30E+02	1.25E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Niobium-95	-1.43E+01	1.23E+01	3.74E+01		1.27E+01	pCi/kg	U

F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Potassium-40	2.92E+03	3.78E+02	3.96E+02		4.08E+02	pCi/kg	
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Ruthenium-103	1.82E+01	1.20E+01	4.05E+01		1.27E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Ruthenium-106	1.03E+02	1.08E+02	3.71E+02		1.10E+02	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Selenium-75	5.51E+00	1.06E+01	3.73E+01		1.07E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Silver-108m	-5.71E+00	9.73E+00	3.07E+01		9.82E+00	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Silver-110m	-2.12E+00	1.45E+01	4.74E+01		1.45E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Strontium-89	4.14E+00	2.43E+01	7.93E+01	3.00E+02	3.27E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Strontium-90	-7.90E+01	1.74E+01	9.84E+01	3.00E+02	2.50E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Thorium-228	-3.48E+01	2.04E+01	6.13E+01		2.20E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Zinc-65	4.92E+00	2.73E+01	9.07E+01	2.60E+02	2.73E+01	pCi/kg	U
F-3 Long Nose Gar(582681012) - Fish	8-Jun-22	Zirconium-95	-5.51E+00	2.05E+01	6.22E+01		2.05E+01	pCi/kg	U

F-3 Shad
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-3 Shad(582681003) - Fish	8-Jun-22	Actinium-228	-1.99E+01	6.15E+01	2.00E+02		6.17E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Antimony-124	2.81E+01	2.85E+01	1.08E+02		2.93E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Antimony-125	4.71E+01	2.76E+01	9.48E+01		2.97E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Barium-140	-2.83E+01	6.21E+01	1.90E+02		6.24E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Beryllium-7	6.35E+00	1.14E+02	3.68E+02		1.14E+02	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Cerium-141	-5.04E+00	1.66E+01	4.78E+01		1.67E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Cerium-144	-5.00E+01	5.96E+01	1.66E+02		6.07E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Cesium-134	6.13E-01	1.13E+01	3.77E+01	1.30E+02	1.13E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Cesium-137	-1.54E+01	1.43E+01	3.91E+01	1.50E+02	1.47E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Chromium-51	7.12E+01	1.08E+02	3.70E+02		1.09E+02	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Cobalt-57	9.47E+00	6.51E+00	2.26E+01		6.87E+00	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Cobalt-58	1.32E+01	1.12E+01	4.13E+01	1.30E+02	1.17E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Cobalt-60	1.95E+00	1.10E+01	3.58E+01	1.30E+02	1.10E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Iodine-131	-3.20E+00	2.18E+01	7.08E+01		2.18E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Iron-59	-2.18E+01	2.64E+01	7.63E+01	2.60E+02	2.69E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Lanthanum-140	1.87E+01	2.00E+01	7.53E+01		2.05E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Manganese-54	-5.43E+00	1.29E+01	3.53E+01	1.30E+02	1.29E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Niobium-95	3.37E+00	1.21E+01	4.12E+01		1.21E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Potassium-40	3.03E+03	3.42E+02	2.19E+02		3.69E+02	pCi/kg	
F-3 Shad(582681003) - Fish	8-Jun-22	Ruthenium-103	1.03E+01	1.21E+01	4.14E+01		1.23E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Ruthenium-106	1.36E+02	1.21E+02	4.14E+02		1.25E+02	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Selenium-75	3.09E+00	1.51E+01	4.65E+01		1.51E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Silver-108m	-9.98E+00	9.98E+00	3.00E+01		1.03E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Silver-110m	-7.70E+00	1.36E+01	4.16E+01		1.37E+01	pCi/kg	U

F-3 Shad(582681003) - Fish	8-Jun-22	Strontium-89	-6.98E+01	3.43E+01	1.29E+02	3.00E+02	5.24E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Strontium-90	6.68E+01	3.21E+01	1.37E+02	3.00E+02	4.62E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Thorium-228	7.83E+01	3.68E+01	7.83E+01		4.40E+01	pCi/kg	UI
F-3 Shad(582681003) - Fish	8-Jun-22	Zinc-65	-2.38E+01	3.04E+01	8.97E+01	2.60E+02	3.09E+01	pCi/kg	U
F-3 Shad(582681003) - Fish	8-Jun-22	Zirconium-95	-2.17E+01	1.91E+01	5.58E+01		1.97E+01	pCi/kg	U

F-3 Sucker
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-3 Sucker(582681005) - Fish	8-Jun-22	Actinium-228	-2.10E+01	2.62E+01	7.18E+01		2.66E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Actinium-228	-7.50E+00	1.66E+01	5.26E+01		1.67E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Antimony-124	-4.40E-01	1.01E+01	3.27E+01		1.01E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Antimony-124	-8.14E+00	8.83E+00	2.47E+01		9.04E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Antimony-125	8.15E-01	1.45E+01	4.91E+01		1.45E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Antimony-125	-9.82E+00	8.45E+00	2.67E+01		8.76E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Barium-140	-2.66E+01	2.88E+01	8.84E+01		2.95E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Barium-140	5.14E-01	2.27E+01	7.58E+01		2.27E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Beryllium-7	-4.19E+00	5.01E+01	1.67E+02		5.01E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Beryllium-7	-1.80E+01	2.90E+01	9.37E+01		2.93E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Cerium-141	-1.34E+01	8.30E+00	2.45E+01		8.87E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Cerium-141	9.59E-01	5.55E+00	1.86E+01		5.56E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Cerium-144	-4.33E+01	2.99E+01	8.94E+01		3.15E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Cerium-144	7.42E+00	1.85E+01	6.28E+01		1.86E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Cesium-134	9.62E+00	6.51E+00	2.33E+01	1.30E+02	6.89E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Cesium-134	2.13E+00	3.32E+00	1.14E+01	1.30E+02	3.36E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Cesium-137	3.03E+00	5.47E+00	1.88E+01	1.50E+02	5.52E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Cesium-137	5.37E-01	3.20E+00	1.07E+01	1.50E+02	3.20E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Chromium-51	9.11E+01	5.21E+01	1.93E+02		5.63E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Chromium-51	9.57E+00	3.35E+01	1.09E+02		3.36E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Cobalt-57	3.13E+00	4.24E+00	1.42E+01		4.30E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Cobalt-57	2.27E+00	2.48E+00	8.60E+00		2.53E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Cobalt-58	-8.02E+00	6.15E+00	1.72E+01	1.30E+02	6.43E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Cobalt-58	-3.48E+00	3.91E+00	1.18E+01	1.30E+02	4.00E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Cobalt-60	9.14E+00	5.43E+00	2.17E+01	1.30E+02	5.84E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Cobalt-60	-1.42E+00	3.55E+00	1.12E+01	1.30E+02	3.57E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Iodine-131	-2.67E-01	1.43E+01	4.52E+01		1.43E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Iodine-131	-6.74E+00	1.05E+01	3.19E+01		1.06E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Iron-59	-3.46E+00	1.26E+01	4.15E+01	2.60E+02	1.26E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Iron-59	-9.34E+00	8.37E+00	2.54E+01	2.60E+02	8.66E+00	pCi/kg	U

F-3 Sucker(582681005) - Fish	8-Jun-22	Lanthanum-140	-1.86E+00	8.99E+00	2.86E+01		9.00E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Lanthanum-140	1.79E+00	7.32E+00	2.48E+01		7.33E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Manganese-54	3.33E+00	7.10E+00	2.37E+01	1.30E+02	7.14E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Manganese-54	1.09E-01	3.57E+00	1.16E+01	1.30E+02	3.57E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Niobium-95	1.64E+01	6.68E+00	2.57E+01		7.70E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Niobium-95	3.48E+00	4.36E+00	1.41E+01		4.43E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Potassium-40	2.84E+03	2.23E+02	1.18E+02		2.58E+02	pCi/kg	
F-3 Sucker(601377002) - Fish	11-Nov-22	Potassium-40	3.65E+03	1.93E+02	1.19E+02		2.72E+02	pCi/kg	
F-3 Sucker(582681005) - Fish	8-Jun-22	Ruthenium-103	-2.96E-01	6.25E+00	2.08E+01		6.25E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Ruthenium-103	1.49E+00	3.83E+00	1.17E+01		3.85E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Ruthenium-106	-8.70E+00	5.28E+01	1.72E+02		5.28E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Ruthenium-106	-1.22E+01	2.77E+01	8.85E+01		2.78E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Selenium-75	-5.19E+00	7.47E+00	2.23E+01		7.56E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Selenium-75	1.39E+01	6.79E+00	1.51E+01		7.53E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Silver-108m	-3.50E+00	7.15E+00	2.08E+01		7.20E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Silver-108m	-1.06E+00	2.56E+00	8.43E+00		2.57E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Silver-110m	-9.04E-01	8.65E+00	2.75E+01		8.66E+00	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Silver-110m	-7.90E-01	4.95E+00	1.57E+01		4.95E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Strontium-89	-1.39E+01	3.55E+01	1.20E+02	3.00E+02	5.52E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Strontium-89	-2.52E+01	1.34E+01	5.03E+01	3.00E+02	2.08E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Strontium-90	6.35E+01	3.42E+01	1.48E+02	3.00E+02	4.93E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Strontium-90	2.91E+01	1.16E+01	4.10E+01	3.00E+02	1.46E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Thorium-228	1.19E+01	1.56E+01	3.82E+01		1.58E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Thorium-228	7.72E-01	1.41E+01	1.58E+01		1.41E+01	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Zinc-65	5.36E+00	1.26E+01	4.45E+01	2.60E+02	1.27E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Zinc-65	2.41E-02	9.20E+00	3.09E+01	2.60E+02	9.20E+00	pCi/kg	U
F-3 Sucker(582681005) - Fish	8-Jun-22	Zirconium-95	-8.44E+00	1.03E+01	3.07E+01		1.05E+01	pCi/kg	U
F-3 Sucker(601377002) - Fish	11-Nov-22	Zirconium-95	-1.46E+01	7.10E+00	1.44E+01		7.88E+00	pCi/kg	U

F-3 W. Bass
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-3 W. Bass(582681004) - Fish	8-Jun-22	Actinium-228	7.93E+00	6.73E+01	2.05E+02		6.73E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Antimony-124	-3.36E+01	2.53E+01	6.63E+01		2.65E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Antimony-125	3.69E+01	3.07E+01	1.07E+02		3.19E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Barium-140	5.22E+01	6.76E+01	2.29E+02		6.87E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Beryllium-7	3.07E+01	9.83E+01	3.28E+02		9.85E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Cerium-141	-5.61E+01	1.77E+01	4.36E+01		2.20E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Cerium-144	-3.54E+00	6.23E+01	1.89E+02		6.23E+01	pCi/kg	U

F-3 W. Bass(582681004) - Fish	8-Jun-22	Cesium-134	5.37E+00	1.50E+01	4.46E+01	1.30E+02	1.50E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Cesium-137	-3.45E+00	1.37E+01	4.04E+01	1.50E+02	1.38E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Chromium-51	8.22E+01	9.86E+01	3.26E+02		1.01E+02	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Cobalt-57	-9.46E+00	8.29E+00	2.39E+01		8.58E+00	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Cobalt-58	3.21E-01	1.34E+01	4.04E+01	1.30E+02	1.34E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Cobalt-60	-1.65E+00	1.24E+01	4.07E+01	1.30E+02	1.25E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Iodine-131	7.66E-01	2.33E+01	7.30E+01		2.34E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Iron-59	-2.86E+01	2.93E+01	8.75E+01	2.60E+02	3.01E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Lanthanum-140	-2.06E+01	2.26E+01	6.62E+01		2.31E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Manganese-54	-1.04E+01	1.21E+01	3.78E+01	1.30E+02	1.23E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Niobium-95	6.84E+00	1.13E+01	3.73E+01		1.14E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Potassium-40	4.15E+03	3.54E+02	3.53E+02		4.01E+02	pCi/kg	
F-3 W. Bass(582681004) - Fish	8-Jun-22	Ruthenium-103	7.51E+00	1.11E+01	3.77E+01		1.12E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Ruthenium-106	-6.78E+01	1.08E+02	3.32E+02		1.09E+02	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Selenium-75	-4.45E-01	1.35E+01	4.32E+01		1.35E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Silver-108m	-1.33E+01	9.66E+00	2.97E+01		1.02E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Silver-110m	1.19E-02	1.47E+01	4.85E+01		1.47E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Strontium-89	-4.89E+01	5.09E+01	1.77E+02	3.00E+02	6.45E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Strontium-90	-2.91E+01	3.00E+01	1.49E+02	3.00E+02	4.32E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Thorium-228	2.53E+01	2.81E+01	7.45E+01		2.87E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Zinc-65	-7.19E+00	3.28E+01	8.89E+01	2.60E+02	3.28E+01	pCi/kg	U
F-3 W. Bass(582681004) - Fish	8-Jun-22	Zirconium-95	5.38E+00	2.24E+01	7.17E+01		2.24E+01	pCi/kg	U

F-3 W. Perch
Fish

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
F-3 W. Perch(582681001) - Fish	8-Jun-22	Actinium-228	-3.85E+01	5.83E+01	1.75E+02		5.90E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Antimony-124	1.96E+01	2.19E+01	8.42E+01		2.23E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Antimony-125	-1.53E+01	2.80E+01	8.73E+01		2.83E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Barium-140	-4.64E+01	6.78E+01	2.05E+02		6.86E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Beryllium-7	4.61E+01	9.82E+01	2.97E+02		9.88E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Cerium-141	1.37E+01	1.46E+01	4.80E+01		1.49E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Cerium-144	-1.71E+01	5.50E+01	1.70E+02		5.52E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Cesium-134	-1.85E+01	1.16E+01	3.25E+01	1.30E+02	1.24E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Cesium-137	-3.60E+01	2.08E+01	6.93E+01	1.50E+02	2.24E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Chromium-51	1.57E+00	1.01E+02	3.33E+02		1.01E+02	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Cobalt-57	-1.37E+01	6.92E+00	1.93E+01		7.61E+00	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Cobalt-58	3.78E+00	1.13E+01	3.86E+01	1.30E+02	1.13E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Cobalt-60	1.38E+01	1.28E+01	4.65E+01	1.30E+02	1.32E+01	pCi/kg	U

F-3 W. Perch(582681001) - Fish	8-Jun-22	Iodine-131	-5.74E+00	2.28E+01	7.34E+01		2.28E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Iron-59	2.24E+01	2.25E+01	8.19E+01	2.60E+02	2.32E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Lanthanum-140	1.27E+01	1.76E+01	6.52E+01		1.78E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Manganese-54	6.81E+00	1.18E+01	4.12E+01	1.30E+02	1.19E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Niobium-95	3.47E+01	1.32E+01	5.19E+01		1.55E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Potassium-40	3.26E+03	3.83E+02	3.90E+02		4.12E+02	pCi/kg	
F-3 W. Perch(582681001) - Fish	8-Jun-22	Ruthenium-103	-6.94E-01	1.10E+01	3.51E+01		1.10E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Ruthenium-106	2.87E+02	1.20E+02	4.44E+02		1.38E+02	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Selenium-75	2.11E+01	1.29E+01	4.66E+01		1.38E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Silver-108m	-2.76E+00	1.02E+01	3.26E+01		1.03E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Silver-110m	4.61E+00	1.34E+01	4.58E+01		1.34E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Strontium-89	-4.30E+01	3.36E+01	1.20E+02	3.00E+02	5.24E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Strontium-90	1.01E+02	3.46E+01	1.44E+02	3.00E+02	4.99E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Thorium-228	5.41E+01	3.51E+01	7.63E+01		3.73E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Zinc-65	-4.55E+01	2.90E+01	7.83E+01	2.60E+02	3.09E+01	pCi/kg	U
F-3 W. Perch(582681001) - Fish	8-Jun-22	Zirconium-95	3.41E+01	2.13E+01	8.02E+01		2.28E+01	pCi/kg	U

FP-9 Unidentified Broadleaf 1
Vegetation

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Actinium-228	2.17E+01	2.80E+01	8.67E+01		2.85E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Antimony-124	7.44E+00	1.03E+01	3.66E+01		1.04E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Antimony-125	-1.05E+01	1.32E+01	4.28E+01		1.34E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Barium-140	-8.14E+00	2.11E+01	6.89E+01		2.12E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Beryllium-7	2.99E+03	1.29E+02	1.37E+02		1.85E+02	pCi/kg	
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Cerium-141	1.30E+01	1.18E+01	2.22E+01		1.18E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Cerium-144	-1.12E+01	2.87E+01	9.16E+01		2.88E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Cesium-134	3.19E+00	6.04E+00	1.93E+01	6.00E+01	6.08E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Cesium-137	-1.10E+01	6.68E+00	1.80E+01	8.00E+01	7.16E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Chromium-51	1.40E+01	4.24E+01	1.47E+02		4.25E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Cobalt-57	5.17E+00	3.65E+00	1.24E+01		3.85E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Cobalt-58	9.93E+00	5.35E+00	1.80E+01		5.84E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Cobalt-60	9.63E-01	5.41E+00	1.84E+01		5.41E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Iodine-131	8.31E-02	6.40E+00	2.18E+01	6.00E+01	6.40E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Iron-59	1.34E+01	1.10E+01	4.00E+01		1.15E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Lanthanum-140	1.16E+01	6.10E+00	2.40E+01		6.68E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Manganese-54	-7.51E+00	5.73E+00	1.70E+01		6.00E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Niobium-95	-2.74E-01	5.79E+00	1.87E+01		5.79E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Potassium-40	5.83E+03	2.54E+02	1.47E+02		3.83E+02	pCi/kg	

FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Ruthenium-103	-4.41E+00	4.63E+00	1.47E+01		4.75E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Ruthenium-106	-1.11E+01	4.62E+01	1.50E+02		4.63E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Selenium-75	-1.04E+01	7.51E+00	2.22E+01		7.90E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Silver-108m	4.84E+00	9.14E+00	1.69E+01		9.21E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Silver-110m	-2.32E+00	7.02E+00	2.20E+01		7.05E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Thorium-228	2.68E+01	1.20E+01	2.68E+01		1.21E+01	pCi/kg	UI
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Zinc-65	4.55E+00	1.25E+01	4.31E+01		1.25E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 1(590949001) - Vegetation	24-Aug-22	Zirconium-95	-3.95E+00	1.01E+01	3.19E+01		1.01E+01	pCi/kg	U

FP-9 Unidentified Broadleaf 3
Vegetation

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Actinium-228	1.39E+01	3.92E+01	1.05E+02		3.94E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Antimony-124	4.35E+00	1.35E+01	4.71E+01		1.35E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Antimony-125	2.55E+01	1.78E+01	6.40E+01		1.88E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Barium-140	1.22E+02	4.35E+01	1.22E+02		6.29E+01	pCi/kg	UI
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Beryllium-7	3.60E+03	1.92E+02	1.75E+02		2.47E+02	pCi/kg	
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Cerium-141	1.51E+01	1.06E+01	3.67E+01		1.12E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Cerium-144	-8.84E+01	3.66E+01	1.06E+02		4.20E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Cesium-134	-9.06E-01	7.92E+00	2.67E+01	6.00E+01	7.93E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Cesium-137	2.70E+00	1.20E+01	2.64E+01	8.00E+01	1.20E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Chromium-51	4.42E+01	5.93E+01	2.09E+02		6.02E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Cobalt-57	1.12E+01	8.35E+00	1.56E+01		8.36E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Cobalt-58	1.02E+01	7.49E+00	2.76E+01		7.87E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Cobalt-60	-5.05E+00	9.66E+00	2.98E+01		9.73E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Iodine-131	5.86E+00	1.16E+01	3.63E+01	6.00E+01	1.16E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Iron-59	1.58E+01	1.81E+01	5.75E+01		1.85E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Lanthanum-140	-3.67E+00	1.02E+01	3.28E+01		1.02E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Manganese-54	1.10E+01	7.67E+00	2.82E+01		8.10E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Niobium-95	2.24E-01	8.01E+00	2.54E+01		8.01E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Potassium-40	7.63E+03	3.77E+02	1.92E+02		5.35E+02	pCi/kg	
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Ruthenium-103	-1.68E+00	6.84E+00	2.22E+01		6.85E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Ruthenium-106	-7.37E+01	6.31E+01	1.86E+02		6.54E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Selenium-75	1.49E+01	9.13E+00	3.09E+01		9.77E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Silver-108m	-2.77E+00	6.31E+00	2.05E+01		6.35E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Silver-110m	-8.03E+00	1.03E+01	3.29E+01		1.05E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Thorium-228	8.66E+00	1.94E+01	4.70E+01		1.95E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Zinc-65	5.45E+00	1.65E+01	5.59E+01		1.66E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 3(594241003) - Vegetation	22-Sep-22	Zirconium-95	3.45E+00	1.56E+01	5.03E+01		1.56E+01	pCi/kg	U

FP-9 Unidentified Broadleaf 4
Vegetation

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Actinium-228	6.28E+01	4.23E+01	9.37E+01		4.48E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Actinium-228	5.38E+00	3.72E+01	8.48E+01		3.72E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Antimony-124	1.81E+01	9.97E+00	3.92E+01		1.08E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Antimony-124	-4.72E+00	6.37E+00	1.79E+01		6.46E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Antimony-125	2.11E+01	1.31E+01	4.49E+01		1.40E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Antimony-125	7.05E+00	1.16E+01	4.01E+01		1.18E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Barium-140	-1.53E+01	2.48E+01	8.12E+01		2.51E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Barium-140	7.33E+00	1.69E+01	5.72E+01		1.69E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Beryllium-7	5.32E+02	9.25E+01	1.36E+02		9.54E+01	pCi/kg	
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Beryllium-7	2.68E+03	1.14E+02	1.20E+02		1.66E+02	pCi/kg	
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Cerium-141	1.01E+01	8.44E+00	2.57E+01		8.77E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Cerium-141	-2.37E+01	8.25E+00	1.92E+01		9.93E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Cerium-144	-2.83E-01	2.80E+01	9.40E+01		2.80E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Cerium-144	-2.61E+01	2.61E+01	8.08E+01		2.68E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Cesium-134	-5.79E-02	5.35E+00	1.76E+01	6.00E+01	5.35E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Cesium-134	7.52E+00	4.74E+00	1.70E+01	6.00E+01	5.05E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Cesium-137	1.44E+01	1.08E+01	1.44E+01	8.00E+01	1.08E+01	pCi/kg	UI
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Cesium-137	9.89E-01	4.19E+00	1.39E+01	8.00E+01	4.20E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Chromium-51	-9.41E+00	4.58E+01	1.47E+02		4.59E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Chromium-51	3.76E+00	3.68E+01	1.26E+02		3.68E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Cobalt-57	3.98E+00	3.59E+00	1.25E+01		3.71E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Cobalt-57	-1.28E+00	3.32E+00	1.05E+01		3.33E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Cobalt-58	-5.84E+00	5.64E+00	1.74E+01		5.80E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Cobalt-58	3.81E+00	4.09E+00	1.41E+01		4.18E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Cobalt-60	1.39E+00	5.33E+00	1.82E+01		5.34E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Cobalt-60	-1.44E+00	4.54E+00	1.47E+01		4.55E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Iodine-131	5.77E+00	9.82E+00	2.90E+01	6.00E+01	9.92E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Iodine-131	-1.88E+00	5.02E+00	1.67E+01	6.00E+01	5.04E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Iron-59	1.20E+01	1.24E+01	4.23E+01		1.27E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Iron-59	-4.53E+00	9.74E+00	3.20E+01		9.79E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Lanthanum-140	-7.92E+00	8.26E+00	2.46E+01		8.46E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Lanthanum-140	-7.28E-01	5.27E+00	1.71E+01		5.27E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Manganese-54	1.82E+00	5.84E+00	1.94E+01		5.85E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Manganese-54	-1.16E+00	4.28E+00	1.35E+01		4.29E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Niobium-95	-1.56E+01	7.75E+00	1.70E+01		8.58E+00	pCi/kg	U

FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Niobium-95	-2.31E+00	4.12E+00	1.28E+01		4.15E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Potassium-40	5.36E+03	2.35E+02	1.43E+02		3.54E+02	pCi/kg	
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Potassium-40	5.82E+03	2.57E+02	1.26E+02		3.84E+02	pCi/kg	
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Ruthenium-103	1.90E+00	5.00E+00	1.72E+01		5.02E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Ruthenium-103	4.78E-01	4.44E+00	1.29E+01		4.44E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Ruthenium-106	1.60E+00	4.35E+01	1.45E+02		4.35E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Ruthenium-106	-3.88E+01	4.12E+01	1.11E+02		4.22E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Selenium-75	4.07E+00	6.80E+00	2.26E+01		6.87E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Selenium-75	6.00E+00	5.29E+00	1.89E+01		5.47E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Silver-108m	7.35E+00	4.49E+00	1.53E+01		4.81E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Silver-108m	-7.96E+00	3.63E+00	1.08E+01		4.08E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Silver-110m	5.75E+00	6.72E+00	2.31E+01		6.86E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Silver-110m	2.76E+00	6.19E+00	2.05E+01		6.23E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Thorium-228	1.17E+01	1.72E+01	3.03E+01		1.75E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Thorium-228	-5.75E+00	1.03E+01	2.99E+01		1.04E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Zinc-65	9.81E-01	1.42E+01	4.00E+01		1.42E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Zinc-65	-1.04E+01	9.95E+00	3.12E+01		1.03E+01	pCi/kg	U
FP-9 Unidentified Broadleaf 4(582648004) - Vegetation	9-Jun-22	Zirconium-95	-5.12E+00	9.09E+00	2.90E+01		9.17E+00	pCi/kg	U
FP-9 Unidentified Broadleaf 4(587378004) - Vegetation	25-Jul-22	Zirconium-95	5.51E+00	6.57E+00	2.27E+01		6.70E+00	pCi/kg	U

FP-HD1 Unidentified Broadleaf 1

Vegetation

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Actinium-228	9.04E+01	1.08E+02	1.60E+02		1.10E+02	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Actinium-228	-2.00E+00	2.72E+01	9.22E+01		2.72E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Antimony-124	-1.06E+01	2.24E+01	7.15E+01		2.26E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Antimony-124	-2.30E+01	1.15E+01	2.65E+01		1.27E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Antimony-125	-1.47E+01	2.54E+01	8.46E+01		2.57E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Antimony-125	2.06E-01	1.52E+01	5.02E+01		1.52E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Barium-140	2.38E+01	6.34E+01	2.13E+02		6.36E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Barium-140	-1.40E+01	1.99E+01	6.11E+01		2.02E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Beryllium-7	8.52E+02	1.88E+02	2.89E+02		1.91E+02	pCi/kg	
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Beryllium-7	3.03E+03	1.49E+02	1.45E+02		1.99E+02	pCi/kg	
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Cerium-141	6.48E+00	1.56E+01	4.70E+01		1.57E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Cerium-141	-1.88E+00	8.32E+00	2.64E+01		8.34E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Cerium-144	-7.64E+01	5.00E+01	1.58E+02		5.31E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Cerium-144	3.06E+01	3.07E+01	1.03E+02		3.15E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Cesium-134	-8.37E-01	1.07E+01	3.46E+01	6.00E+01	1.07E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Cesium-134	-6.87E+00	6.01E+00	1.87E+01	6.00E+01	6.23E+00	pCi/kg	U

FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Cesium-137	-3.83E-01	1.04E+01	3.40E+01	8.00E+01	1.04E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Cesium-137	-1.18E+01	9.98E+00	3.37E+01	8.00E+01	1.04E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Chromium-51	1.21E+02	9.47E+01	3.32E+02		9.88E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Chromium-51	-1.16E+01	4.90E+01	1.64E+02		4.91E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Cobalt-57	-3.26E+00	6.40E+00	2.06E+01		6.45E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Cobalt-57	-1.02E+00	4.00E+00	1.28E+01		4.00E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Cobalt-58	-9.90E+00	1.12E+01	3.52E+01		1.15E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Cobalt-58	1.06E+00	5.57E+00	1.91E+01		5.58E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Cobalt-60	1.78E+01	8.90E+00	3.24E+01		9.82E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Cobalt-60	4.30E-01	6.38E+00	2.08E+01		6.38E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Iodine-131	1.66E+01	2.55E+01	8.79E+01	6.00E+01	2.58E+01	pCi/kg	UDL
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Iodine-131	7.43E+00	7.26E+00	2.54E+01	6.00E+01	7.47E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Iron-59	-1.69E+01	1.80E+01	5.87E+01		1.84E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Iron-59	9.27E+00	1.12E+01	3.96E+01		1.14E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Lanthanum-140	2.51E+00	1.90E+01	6.30E+01		1.90E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Lanthanum-140	-4.57E+00	7.02E+00	2.18E+01		7.10E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Manganese-54	1.33E+01	9.85E+00	3.32E+01		1.03E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Manganese-54	6.33E+00	5.63E+00	2.04E+01		5.82E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Niobium-95	2.15E+00	1.13E+01	3.68E+01		1.13E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Niobium-95	4.19E+00	7.02E+00	2.13E+01		7.09E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Potassium-40	5.81E+03	3.52E+02	2.89E+02		4.40E+02	pCi/kg	
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Potassium-40	3.57E+03	2.24E+02	1.36E+02		2.78E+02	pCi/kg	
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Ruthenium-103	-6.89E+00	1.19E+01	3.49E+01		1.20E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Ruthenium-103	-8.68E+00	6.99E+00	1.63E+01		7.28E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Ruthenium-106	4.72E+01	9.02E+01	3.01E+02		9.09E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Ruthenium-106	-2.68E+01	5.58E+01	1.74E+02		5.62E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Selenium-75	-2.09E+01	1.29E+01	3.90E+01		1.38E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Selenium-75	1.94E+01	6.58E+00	2.49E+01		7.99E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Silver-108m	1.51E+01	1.84E+01	2.76E+01		1.85E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Silver-108m	5.33E+00	5.21E+00	1.81E+01		5.36E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Silver-110m	-2.15E+01	1.37E+01	4.15E+01		1.46E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Silver-110m	-3.82E-01	7.69E+00	2.57E+01		7.69E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Thorium-228	4.92E+00	3.52E+01	6.38E+01		3.52E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Thorium-228	-7.54E-01	1.25E+01	3.92E+01		1.26E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Zinc-65	6.30E+01	2.17E+01	7.38E+01		2.62E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Zinc-65	-2.82E+01	1.48E+01	4.16E+01		1.62E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(582648001) - Vegetation	9-Jun-22	Zirconium-95	1.49E+01	1.94E+01	6.45E+01		1.97E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 1(587378001) - Vegetation	25-Jul-22	Zirconium-95	-8.01E-01	9.66E+00	3.27E+01		9.67E+00	pCi/kg	U

FP-HD1 Unidentified Broadleaf 2
Vegetation

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Actinium-228	-8.71E+00	2.99E+01	8.68E+01		3.00E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Antimony-124	6.28E+00	8.23E+00	3.08E+01		8.36E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Antimony-125	4.41E+01	1.35E+01	5.06E+01		1.70E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Barium-140	-2.39E+01	2.37E+01	7.27E+01		2.44E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Beryllium-7	3.27E+03	1.68E+02	1.42E+02		2.24E+02	pCi/kg	
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Cerium-141	1.55E+01	1.46E+01	2.38E+01		1.46E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Cerium-144	2.08E+01	3.68E+01	1.05E+02		3.71E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Cesium-134	6.44E+00	7.54E+00	2.56E+01	6.00E+01	7.69E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Cesium-137	-4.74E+00	5.79E+00	1.77E+01	8.00E+01	5.90E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Chromium-51	2.94E+01	4.22E+01	1.49E+02		4.28E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Cobalt-57	7.09E-01	3.94E+00	1.29E+01		3.94E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Cobalt-58	-3.15E-01	5.26E+00	1.68E+01		5.26E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Cobalt-60	9.12E-01	6.21E+00	2.09E+01		6.21E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Iodine-131	7.71E-01	8.19E+00	2.79E+01	6.00E+01	8.20E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Iron-59	7.26E+00	1.21E+01	4.25E+01		1.22E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Lanthanum-140	-4.95E+00	9.90E+00	3.06E+01		9.97E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Manganese-54	5.21E-01	6.20E+00	1.78E+01		6.20E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Niobium-95	2.01E-01	5.74E+00	1.85E+01		5.74E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Potassium-40	3.35E+03	2.22E+02	1.41E+02		2.67E+02	pCi/kg	
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Ruthenium-103	2.41E+00	5.15E+00	1.76E+01		5.19E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Ruthenium-106	2.03E+01	4.93E+01	1.66E+02		4.95E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Selenium-75	1.39E+01	7.51E+00	2.55E+01		8.18E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Silver-108m	1.40E+01	5.57E+00	1.40E+01		6.65E+00	pCi/kg	UI
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Silver-110m	-6.08E+00	7.58E+00	2.23E+01		7.71E+00	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Thorium-228	-6.73E+00	1.46E+01	4.57E+01		1.47E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Zinc-65	3.09E+00	1.19E+01	4.09E+01		1.19E+01	pCi/kg	U
FP-HD1 Unidentified Broadleaf 2(594241002) - Vegetation	22-Sep-22	Zirconium-95	-7.02E+00	1.04E+01	3.16E+01		1.05E+01	pCi/kg	U

FP-HD2 Unidentified Broadleaf 2
Vegetation

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Actinium-228	1.82E+01	3.79E+01	1.04E+02		3.81E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Actinium-228	-1.79E+01	2.52E+01	7.74E+01		2.55E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Actinium-228	-4.66E+01	2.53E+01	7.45E+01		2.76E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Antimony-124	-9.54E+00	1.45E+01	4.45E+01		1.47E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Antimony-124	8.72E-01	1.07E+01	3.58E+01		1.07E+01	pCi/kg	U

FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Antimony-124	-1.78E+00	8.79E+00	2.81E+01		8.80E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Antimony-125	-1.80E+00	1.66E+01	5.47E+01		1.66E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Antimony-125	-1.92E+01	1.19E+01	3.56E+01		1.27E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Antimony-125	-5.26E+00	1.14E+01	3.74E+01		1.14E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Barium-140	-1.82E+01	3.14E+01	9.87E+01		3.17E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Barium-140	1.27E+01	2.14E+01	7.49E+01		2.17E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Barium-140	-1.19E+00	1.79E+01	5.90E+01		1.79E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Beryllium-7	9.51E+02	1.45E+02	1.71E+02		1.50E+02	pCi/kg	
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Beryllium-7	2.77E+03	1.52E+02	1.39E+02		1.93E+02	pCi/kg	
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Beryllium-7	4.39E+03	1.52E+02	1.33E+02		2.49E+02	pCi/kg	
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Cerium-141	7.76E+00	9.59E+00	3.22E+01		9.76E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Cerium-141	-5.54E+00	8.13E+00	2.58E+01		8.23E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Cerium-141	-7.27E+00	6.71E+00	2.07E+01		6.92E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Cerium-144	5.94E+00	3.30E+01	1.09E+02		3.31E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Cerium-144	1.18E+01	3.46E+01	9.77E+01		3.47E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Cerium-144	3.79E+01	2.80E+01	9.36E+01		2.93E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Cesium-134	6.90E+00	6.69E+00	2.40E+01	6.00E+01	6.88E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Cesium-134	-4.05E+00	6.38E+00	1.97E+01	6.00E+01	6.45E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Cesium-134	-1.82E+00	4.97E+00	1.56E+01	6.00E+01	4.99E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Cesium-137	-2.43E+01	8.59E+00	1.89E+01	8.00E+01	1.03E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Cesium-137	-5.35E-01	6.47E+00	1.95E+01	8.00E+01	6.47E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Cesium-137	-3.83E+00	5.19E+00	1.63E+01	8.00E+01	5.27E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Chromium-51	-1.96E+01	5.21E+01	1.75E+02		5.23E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Chromium-51	-5.11E+01	4.64E+01	1.34E+02		4.79E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Chromium-51	2.73E+01	3.59E+01	1.25E+02		3.65E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Cobalt-57	6.87E-01	4.26E+00	1.41E+01		4.26E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Cobalt-57	-3.63E+00	4.04E+00	1.28E+01		4.13E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Cobalt-57	1.76E+00	3.82E+00	1.16E+01		3.84E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Cobalt-58	4.30E+00	7.13E+00	2.48E+01		7.20E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Cobalt-58	4.73E+00	4.90E+00	1.75E+01		5.03E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Cobalt-58	1.12E+00	4.49E+00	1.47E+01		4.50E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Cobalt-60	2.54E+01	9.71E+00	2.92E+01		1.14E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Cobalt-60	7.39E-01	7.18E+00	2.44E+01		7.18E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Cobalt-60	-3.94E+00	5.73E+00	1.66E+01		5.80E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Iodine-131	-2.36E+00	1.16E+01	3.88E+01	6.00E+01	1.17E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Iodine-131	4.88E+00	6.51E+00	2.14E+01	6.00E+01	6.61E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Iodine-131	2.26E+00	5.35E+00	1.84E+01	6.00E+01	5.38E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Iron-59	-5.28E+00	1.56E+01	5.00E+01		1.57E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Iron-59	1.10E+01	1.12E+01	4.39E+01		1.12E+01	pCi/kg	U

FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Iron-59	-1.19E+00	9.32E+00	3.13E+01		9.32E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Lanthanum-140	-1.80E+01	1.08E+01	2.91E+01		1.16E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Lanthanum-140	-1.47E+01	7.39E+00	1.64E+01		8.15E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Lanthanum-140	2.60E+00	4.89E+00	1.71E+01		4.93E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Manganese-54	1.10E+01	6.50E+00	2.39E+01		6.99E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Manganese-54	-8.18E-01	5.85E+00	1.88E+01		5.86E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Manganese-54	4.77E+00	5.14E+00	1.74E+01		5.26E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Niobium-95	-1.11E+00	6.11E+00	2.05E+01		6.12E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Niobium-95	4.35E+00	6.05E+00	2.09E+01		6.14E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Niobium-95	-1.88E+01	5.76E+00	1.34E+01		7.26E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Potassium-40	6.93E+03	3.33E+02	2.49E+02		4.77E+02	pCi/kg	
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Potassium-40	2.57E+03	2.24E+02	1.74E+02		2.57E+02	pCi/kg	
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Potassium-40	7.34E+03	2.69E+02	1.19E+02		4.50E+02	pCi/kg	
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Ruthenium-103	-1.49E+00	6.50E+00	2.11E+01		6.51E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Ruthenium-103	3.24E+00	4.95E+00	1.68E+01		5.01E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Ruthenium-103	-2.14E+00	4.29E+00	1.39E+01		4.32E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Ruthenium-106	-5.00E+00	5.84E+01	1.87E+02		5.84E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Ruthenium-106	6.53E+01	4.85E+01	1.77E+02		5.09E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Ruthenium-106	-4.90E+01	3.97E+01	1.21E+02		4.13E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Selenium-75	-1.04E+01	8.68E+00	2.56E+01		9.01E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Selenium-75	-2.98E+00	7.36E+00	2.28E+01		7.39E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Selenium-75	-8.74E+00	5.72E+00	1.88E+01		6.07E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Silver-108m	-8.34E+00	5.76E+00	1.78E+01		6.08E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Silver-108m	-1.03E+00	4.61E+00	1.55E+01		4.62E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Silver-108m	-5.04E+00	3.84E+00	1.21E+01		4.02E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Silver-110m	2.21E+00	9.96E+00	3.37E+01		9.98E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Silver-110m	5.77E+00	7.37E+00	2.57E+01		7.50E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Silver-110m	-6.10E-02	6.29E+00	2.01E+01		6.29E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Thorium-228	2.67E+01	2.54E+01	4.17E+01		2.62E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Thorium-228	3.90E+01	1.96E+01	3.90E+01		2.18E+01	pCi/kg	UI
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Thorium-228	1.87E+01	1.42E+01	3.40E+01		1.49E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Zinc-65	3.40E+01	1.71E+01	6.27E+01		1.89E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Zinc-65	9.30E+00	9.07E+00	3.31E+01		9.32E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Zinc-65	-7.85E+00	1.29E+01	3.65E+01		1.30E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(582648002) - Vegetation	9-Jun-22	Zirconium-95	4.99E+00	1.19E+01	4.11E+01		1.19E+01	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(587378002) - Vegetation	25-Jul-22	Zirconium-95	-1.32E+00	9.97E+00	3.23E+01		9.98E+00	pCi/kg	U
FP-HD2 Unidentified Broadleaf 2(590949002) - Vegetation	24-Aug-22	Zirconium-95	7.70E+00	7.87E+00	2.70E+01		8.08E+00	pCi/kg	U

FP-HD3 Unidentified Broadleaf 1

Vegetation

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Actinium-228	6.12E+01	5.54E+01	1.03E+02		5.73E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Antimony-124	6.79E+00	1.17E+01	4.10E+01		1.19E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Antimony-125	8.22E-01	1.38E+01	4.58E+01		1.38E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Barium-140	2.54E+01	2.77E+01	9.54E+01		2.84E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Beryllium-7	5.47E+03	2.07E+02	1.66E+02		3.16E+02	pCi/kg	
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Cerium-141	-1.37E+01	1.14E+01	3.11E+01		1.18E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Cerium-144	2.57E+01	3.40E+01	1.11E+02		3.45E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Cesium-134	5.12E-01	6.34E+00	2.16E+01	6.00E+01	6.34E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Cesium-137	1.16E+01	6.40E+00	2.30E+01	8.00E+01	6.95E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Chromium-51	6.72E+01	5.47E+01	1.93E+02		5.69E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Cobalt-57	-9.92E-02	4.48E+00	1.43E+01		4.48E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Cobalt-58	-1.18E+00	7.36E+00	2.35E+01		7.37E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Cobalt-60	4.02E+00	7.15E+00	2.46E+01		7.21E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Iodine-131	4.05E+00	9.54E+00	3.24E+01	6.00E+01	9.58E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Iron-59	-1.89E+01	1.53E+01	4.63E+01		1.59E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Lanthanum-140	2.88E+00	7.84E+00	2.66E+01		7.87E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Manganese-54	-6.85E+00	6.30E+00	1.98E+01		6.50E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Niobium-95	9.20E+00	7.52E+00	2.57E+01		7.82E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Potassium-40	6.66E+03	3.16E+02	1.98E+02		4.43E+02	pCi/kg	
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Ruthenium-103	1.14E+01	5.21E+00	1.94E+01		5.86E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Ruthenium-106	-5.83E+01	5.55E+01	1.65E+02		5.72E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Selenium-75	5.38E+00	8.33E+00	2.89E+01		8.43E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Silver-108m	1.14E+00	4.84E+00	1.62E+01		4.85E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Silver-110m	-1.15E+01	1.06E+01	2.85E+01		1.10E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Thorium-228	1.16E+01	1.59E+01	4.05E+01		1.62E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Zinc-65	-1.75E+01	1.56E+01	4.73E+01		1.61E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 1(594241001) - Vegetation	22-Sep-22	Zirconium-95	-9.31E+00	1.15E+01	3.41E+01		1.17E+01	pCi/kg	U

FP-HD3 Unidentified Broadleaf 3

Vegetation

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Actinium-228	-1.04E+01	3.32E+01	9.20E+01		3.33E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Actinium-228	1.03E+02	4.61E+01	1.16E+02		5.21E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Actinium-228	5.99E+01	4.00E+01	9.87E+01		4.24E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Antimony-124	9.91E+00	1.14E+01	4.10E+01		1.17E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Antimony-124	3.47E+00	1.12E+01	3.87E+01		1.13E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Antimony-124	5.09E-02	1.52E+01	4.96E+01		1.52E+01	pCi/kg	U

FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Antimony-125	-4.18E+00	1.31E+01	4.19E+01		1.32E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Antimony-125	-8.29E+00	1.80E+01	5.65E+01		1.81E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Antimony-125	-2.25E+00	1.55E+01	5.16E+01		1.55E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Barium-140	4.53E+00	2.67E+01	8.66E+01		2.67E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Barium-140	2.16E+00	2.81E+01	9.37E+01		2.81E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Barium-140	-7.65E+00	2.27E+01	7.38E+01		2.28E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Beryllium-7	1.22E+03	9.72E+01	1.41E+02		1.11E+02	pCi/kg	
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Beryllium-7	2.70E+03	1.78E+02	1.78E+02		2.14E+02	pCi/kg	
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Beryllium-7	2.68E+03	1.57E+02	1.55E+02		1.95E+02	pCi/kg	
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Cerium-141	2.10E+00	9.99E+00	2.48E+01		1.00E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Cerium-141	-1.44E+01	9.71E+00	2.95E+01		1.03E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Cerium-141	2.43E+00	9.26E+00	2.78E+01		9.28E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Cerium-144	-2.77E+01	2.80E+01	9.26E+01		2.87E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Cerium-144	-4.24E+00	3.74E+01	1.11E+02		3.74E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Cerium-144	7.64E+01	3.78E+01	1.30E+02		4.18E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Cesium-134	8.25E+00	5.74E+00	2.11E+01	6.00E+01	6.06E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Cesium-134	3.68E+00	7.34E+00	2.47E+01	6.00E+01	7.40E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Cesium-134	-1.29E+01	6.80E+00	1.85E+01	6.00E+01	7.45E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Cesium-137	5.43E+00	5.80E+00	1.96E+01	8.00E+01	5.94E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Cesium-137	-1.53E+01	7.04E+00	1.65E+01	8.00E+01	7.89E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Cesium-137	2.02E+00	6.71E+00	2.23E+01	8.00E+01	6.73E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Chromium-51	1.14E+01	4.72E+01	1.58E+02		4.73E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Chromium-51	9.85E+00	5.30E+01	1.83E+02		5.30E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Chromium-51	-1.25E+01	4.87E+01	1.65E+02		4.88E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Cobalt-57	1.15E-01	3.41E+00	1.17E+01		3.41E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Cobalt-57	3.57E+00	4.64E+00	1.55E+01		4.71E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Cobalt-57	-2.93E+00	4.87E+00	1.55E+01		4.92E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Cobalt-58	-5.19E-01	5.38E+00	1.80E+01		5.38E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Cobalt-58	-1.13E+01	6.84E+00	1.91E+01		7.34E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Cobalt-58	7.64E+00	5.99E+00	2.11E+01		6.25E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Cobalt-60	4.68E+00	6.92E+00	2.24E+01		7.00E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Cobalt-60	1.22E+01	6.30E+00	2.50E+01		6.91E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Cobalt-60	4.39E+00	6.28E+00	2.23E+01		6.37E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Iodine-131	-2.29E+01	9.44E+00	2.70E+01	6.00E+01	1.09E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Iodine-131	1.29E+01	8.62E+00	3.11E+01	6.00E+01	9.14E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Iodine-131	-2.03E+01	8.75E+00	2.08E+01	6.00E+01	9.95E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Iron-59	6.94E+00	1.13E+01	3.79E+01		1.14E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Iron-59	-9.10E+00	1.15E+01	3.64E+01		1.17E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Iron-59	1.22E+01	1.24E+01	4.48E+01		1.28E+01	pCi/kg	U

FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Lanthanum-140	-1.06E+01	1.03E+01	2.95E+01		1.06E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Lanthanum-140	-6.26E+00	6.95E+00	1.96E+01		7.10E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Lanthanum-140	-5.45E+00	7.09E+00	2.08E+01		7.20E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Manganese-54	1.04E+01	6.15E+00	2.25E+01		6.61E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Manganese-54	2.12E+01	1.25E+01	2.21E+01		1.26E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Manganese-54	2.88E+00	6.56E+00	1.96E+01		6.60E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Niobium-95	2.59E+00	5.39E+00	1.88E+01		5.42E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Niobium-95	6.74E+00	6.66E+00	2.31E+01		6.84E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Niobium-95	2.27E+00	5.87E+00	1.76E+01		5.89E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Potassium-40	2.46E+03	2.22E+02	1.74E+02		2.51E+02	pCi/kg	
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Potassium-40	2.57E+03	2.37E+02	1.98E+02		2.69E+02	pCi/kg	
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Potassium-40	2.36E+03	2.28E+02	2.07E+02		2.60E+02	pCi/kg	
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Ruthenium-103	-3.71E+00	5.61E+00	1.74E+01		5.68E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Ruthenium-103	-1.42E+00	5.97E+00	1.97E+01		5.98E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Ruthenium-103	-8.86E+00	5.22E+00	1.56E+01		5.62E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Ruthenium-106	-3.75E+01	4.93E+01	1.49E+02		5.00E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Ruthenium-106	-7.92E+00	6.19E+01	2.02E+02		6.20E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Ruthenium-106	1.02E+02	9.05E+01	1.83E+02		9.06E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Selenium-75	2.23E+00	5.91E+00	2.00E+01		5.93E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Selenium-75	-4.94E+00	8.85E+00	2.69E+01		8.93E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Selenium-75	-3.24E+00	7.88E+00	2.41E+01		7.91E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Silver-108m	-5.17E+00	4.48E+00	1.36E+01		4.64E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Silver-108m	-2.41E-01	7.34E+00	2.20E+01		7.34E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Silver-108m	1.69E+00	5.28E+00	1.80E+01		5.29E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Silver-110m	3.12E+00	8.03E+00	2.76E+01		8.06E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Silver-110m	6.92E+00	9.21E+00	3.13E+01		9.35E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Silver-110m	-4.39E+00	6.94E+00	2.08E+01		7.02E+00	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Thorium-228	-5.16E+00	1.07E+01	3.45E+01		1.07E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Thorium-228	2.62E+00	2.12E+01	4.29E+01		2.12E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Thorium-228	3.92E+01	1.95E+01	5.06E+01		2.16E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Zinc-65	2.07E+00	1.33E+01	4.46E+01		1.34E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Zinc-65	1.39E+01	1.48E+01	5.07E+01		1.52E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Zinc-65	2.07E+01	1.33E+01	4.97E+01		1.41E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(582648003) - Vegetation	9-Jun-22	Zirconium-95	1.30E+01	9.88E+00	3.60E+01		1.03E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(587378003) - Vegetation	25-Jul-22	Zirconium-95	1.34E+01	1.14E+01	4.02E+01		1.18E+01	pCi/kg	U
FP-HD3 Unidentified Broadleaf 3(590949003) - Vegetation	24-Aug-22	Zirconium-95	1.14E+01	8.56E+00	3.09E+01		8.97E+00	pCi/kg	U

GW-1
Ground Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
GW-1(573673001) - Ground Water	16-Mar-22	Actinium-228	3.95E+00	4.68E+00	7.84E+00		4.77E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Actinium-228	-2.04E+00	7.06E+00	9.12E+00		7.12E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Actinium-228	-1.49E+01	1.28E+01	1.89E+01		1.45E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Actinium-228	1.91E+00	1.06E+01	1.30E+01		1.06E+01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Americium-241	1.46E+00	1.91E+00	3.19E+00		2.03E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Americium-241	-1.61E+01	2.69E+01	4.74E+01		2.80E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Americium-241	-1.14E+00	8.31E+00	1.46E+01		8.32E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Antimony-124	1.20E+00	1.38E+00	4.76E+00		1.41E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Antimony-124	-7.77E-01	2.80E+00	4.89E+00		2.82E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Antimony-124	-3.42E+00	6.40E+00	1.14E+01		6.59E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Antimony-124	-3.11E+00	3.11E+00	4.81E+00		3.42E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Antimony-125	-5.49E+00	1.96E+00	4.31E+00		2.35E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Antimony-125	1.87E+00	2.63E+00	4.88E+00		2.76E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Antimony-125	6.48E+00	8.28E+00	1.59E+01		8.80E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Antimony-125	5.18E+00	5.40E+00	7.82E+00		5.90E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Barium-133	-3.63E-01	1.37E+00	2.16E+00		1.38E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Barium-133	8.20E-01	3.27E+00	5.97E+00		3.29E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Barium-133	-2.99E+00	2.53E+00	3.16E+00		2.88E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Barium-140	6.47E+00	3.30E+00	1.17E+01	1.50E+01	3.64E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Barium-140	-2.00E+00	6.23E+00	1.07E+01	1.50E+01	6.30E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Barium-140	1.00E+00	1.51E+01	2.91E+01	1.50E+01	1.51E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Barium-140	4.40E-01	7.07E+00	1.29E+01	1.50E+01	7.08E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Beryllium-7	3.57E+00	4.80E+00	1.64E+01		4.88E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Beryllium-7	-3.33E+00	9.08E+00	1.57E+01		9.21E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Beryllium-7	1.62E+01	2.18E+01	4.62E+01		2.30E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Beryllium-7	-4.48E+00	1.31E+01	2.31E+01		1.33E+01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Bismuth-212	4.81E+00	3.81E+01	2.84E+01		3.81E+01	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Bismuth-212	-9.50E+00	3.75E+01	6.05E+01		3.77E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Bismuth-212	3.17E+00	2.06E+01	3.77E+01		2.06E+01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Bismuth-214	5.17E+00	3.83E+00	5.17E+00		5.50E+00	pCi/L	UIU
GW-1(591661001) - Groundwater	31-Aug-22	Bismuth-214	1.82E+01	1.10E+01	1.82E+01		1.63E+01	pCi/L	UIU
GW-1(603322001) - Groundwater	7-Dec-22	Bismuth-214	9.86E+00	6.71E+00	5.01E+00		6.77E+00	pCi/L	
GW-1(582500001) - Groundwater	8-Jun-22	Cerium-139	1.31E+00	1.63E+00	1.34E+00		1.65E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cerium-139	-2.19E+00	2.84E+00	4.65E+00		3.04E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cerium-139	6.73E-02	1.40E+00	2.39E+00		1.40E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Cerium-141	1.39E+00	1.11E+00	3.67E+00		1.15E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Cerium-141	4.12E-01	1.67E+00	2.63E+00		1.68E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cerium-141	-1.10E+00	5.53E+00	8.87E+00		5.55E+00	pCi/L	U

GW-1(603322001) - Groundwater	7-Dec-22	Cerium-141	1.11E+00	2.66E+00	4.62E+00		2.70E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Cerium-144	-5.53E-01	3.77E+00	1.22E+01		3.77E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Cerium-144	1.90E+00	5.48E+00	9.39E+00		5.54E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cerium-144	-8.13E+00	1.74E+01	2.97E+01		1.77E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cerium-144	-3.70E+00	1.05E+01	1.75E+01		1.06E+01	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Cesium-134	-6.79E-02	5.25E-01	1.69E+00	1.50E+01	5.25E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Cesium-134	8.74E-02	1.43E+00	2.20E+00	1.50E+01	1.43E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cesium-134	2.26E-02	2.74E+00	5.31E+00	1.50E+01	2.74E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cesium-134	9.67E-01	1.61E+00	3.11E+00	1.50E+01	1.67E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Cesium-136	-2.67E+00	4.87E+00	4.67E+00		5.02E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cesium-136	-7.88E-01	4.55E+00	9.23E+00		4.56E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cesium-136	-1.14E+00	2.22E+00	4.02E+00		2.28E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Cesium-137	1.66E+00	8.13E-01	1.66E+00	1.80E+01	8.17E-01	pCi/L	UI
GW-1(582500001) - Groundwater	8-Jun-22	Cesium-137	1.44E+00	2.24E+00	1.89E+00	1.80E+01	2.24E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cesium-137	4.89E-01	2.26E+00	4.63E+00	1.80E+01	2.27E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cesium-137	-3.42E-01	1.64E+00	2.58E+00	1.80E+01	1.65E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Chromium-51	-1.85E-01	5.45E+00	1.87E+01		5.45E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Chromium-51	2.49E+00	9.03E+00	1.65E+01		9.10E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Chromium-51	2.46E+00	2.56E+01	4.98E+01		2.56E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Chromium-51	-6.42E+00	1.21E+01	2.14E+01		1.24E+01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Cobalt-56	-2.35E+00	2.40E+00	2.17E+00		2.63E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cobalt-56	7.90E-01	2.77E+00	5.16E+00		2.79E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cobalt-56	-6.39E-01	1.61E+00	2.73E+00		1.63E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Cobalt-57	-2.17E-01	4.99E-01	1.62E+00		5.01E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Cobalt-57	-6.93E-01	1.15E+00	1.23E+00		1.19E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cobalt-57	-1.59E+00	2.32E+00	3.91E+00		2.44E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cobalt-57	1.71E-02	1.38E+00	2.36E+00		1.38E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Cobalt-58	-3.41E-01	5.52E-01	1.73E+00	1.50E+01	5.57E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Cobalt-58	2.69E-01	1.13E+00	1.92E+00	1.50E+01	1.14E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cobalt-58	-1.79E-01	2.68E+00	5.09E+00	1.50E+01	2.69E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cobalt-58	5.63E-01	1.49E+00	2.80E+00	1.50E+01	1.51E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Cobalt-60	5.35E-01	5.42E-01	1.90E+00	1.50E+01	5.56E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Cobalt-60	-3.26E-01	1.18E+00	2.08E+00	1.50E+01	1.19E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Cobalt-60	4.40E-01	1.98E+00	4.67E+00	1.50E+01	1.99E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Cobalt-60	-1.42E+00	1.34E+00	2.14E+00	1.50E+01	1.49E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Europium-152	1.29E+00	2.71E+00	4.98E+00		2.77E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Europium-152	-1.87E+00	7.43E+00	1.40E+01		7.48E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Europium-152	8.10E+00	8.36E+00	8.10E+00		9.40E+00	pCi/L	UI
GW-1(582500001) - Groundwater	8-Jun-22	Europium-154	2.40E+00	3.31E+00	6.48E+00		3.49E+00	pCi/L	U

GW-1(591661001) - Groundwater	31-Aug-22	Europium-154	4.60E+00	7.14E+00	1.70E+01		7.45E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Europium-154	2.02E+00	4.22E+00	8.63E+00		4.32E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Europium-155	5.95E-01	2.85E+00	4.91E+00		2.87E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Europium-155	4.53E-01	9.62E+00	1.75E+01		9.62E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Europium-155	9.93E-01	5.68E+00	9.89E+00		5.70E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Iodine-131	4.35E-01	1.41E+00	4.84E+00	1.50E+01	1.41E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Iodine-131	-4.28E-01	2.20E+00	3.90E+00	1.50E+01	2.21E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Iodine-131	-1.96E+00	5.66E+00	1.05E+01	1.50E+01	5.73E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Iodine-131	2.57E-01	2.35E+00	4.33E+00	1.50E+01	2.35E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Iridium-192	-1.35E-01	9.42E-01	1.69E+00		9.44E-01	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Iridium-192	2.98E-01	2.76E+00	5.35E+00		2.76E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Iridium-192	5.30E-01	1.36E+00	2.58E+00		1.39E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Iron-59	4.00E-01	9.72E-01	3.36E+00	3.00E+01	9.77E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Iron-59	4.29E-01	2.43E+00	4.50E+00	3.00E+01	2.43E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Iron-59	2.00E+00	5.33E+00	1.17E+01	3.00E+01	5.41E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Iron-59	5.95E-01	2.83E+00	5.56E+00	3.00E+01	2.84E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Lanthanum-140	2.97E+00	1.20E+00	4.48E+00	1.50E+01	1.39E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Lanthanum-140	-1.36E+00	2.04E+00	3.39E+00	1.50E+01	2.14E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Lanthanum-140	-5.13E+00	4.51E+00	5.92E+00	1.50E+01	5.10E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Lanthanum-140	1.83E+00	1.67E+00	3.85E+00	1.50E+01	1.87E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Lead-210	2.16E+00	3.45E+01	4.46E+01		3.45E+01	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Lead-210	7.07E+02	1.26E+03	2.30E+03		1.30E+03	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Lead-210	-2.07E+02	2.98E+02	4.23E+02		3.13E+02	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Lead-212	1.69E+00	3.55E+00	2.81E+00		3.55E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Lead-212	8.67E+00	9.53E+00	1.18E+01		1.03E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Lead-212	2.24E+00	4.62E+00	5.61E+00		4.73E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Lead-214	3.64E+00	4.91E+00	3.64E+00		4.92E+00	pCi/L	UIU
GW-1(591661001) - Groundwater	31-Aug-22	Lead-214	1.20E+01	9.96E+00	1.52E+01		1.14E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Lead-214	3.80E+00	5.68E+00	7.72E+00		5.94E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Manganese-54	4.53E-01	5.59E-01	1.68E+00	1.50E+01	5.69E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Manganese-54	-5.32E-01	1.02E+00	1.81E+00	1.50E+01	1.05E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Manganese-54	-1.12E+00	2.66E+00	4.04E+00	1.50E+01	2.71E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Manganese-54	2.08E-01	1.79E+00	2.88E+00	1.50E+01	1.79E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Mercury-203	3.66E-01	9.56E-01	1.76E+00		9.71E-01	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Mercury-203	7.08E-01	3.31E+00	5.88E+00		3.33E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Mercury-203	2.67E+00	3.32E+00	2.67E+00		3.33E+00	pCi/L	UI
GW-1(582500001) - Groundwater	8-Jun-22	Neodymium-147	-5.27E+00	1.23E+01	2.10E+01		1.25E+01	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Neodymium-147	-3.63E+01	2.75E+01	4.16E+01		3.22E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Neodymium-147	2.40E+00	1.39E+01	2.56E+01		1.40E+01	pCi/L	U

GW-1(582500001) - Groundwater	8-Jun-22	Neptunium-239	-1.25E+00	7.39E+00	1.25E+01		7.41E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Neptunium-239	-1.79E+01	2.63E+01	4.44E+01		2.76E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Neptunium-239	-9.53E+00	1.67E+01	2.48E+01		1.72E+01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Niobium-94	7.90E-01	1.02E+00	1.88E+00		1.08E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Niobium-94	8.18E-01	2.39E+00	4.68E+00		2.42E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Niobium-94	4.52E-01	1.52E+00	2.68E+00		1.53E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Niobium-95	7.07E-01	5.76E-01	1.95E+00	1.50E+01	5.99E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Niobium-95	4.46E-01	1.63E+00	1.91E+00	1.50E+01	1.64E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Niobium-95	7.52E-01	2.83E+00	5.62E+00	1.50E+01	2.85E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Niobium-95	5.46E-02	1.55E+00	2.78E+00	1.50E+01	1.55E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Potassium-40	1.44E+01	1.52E+01	1.82E+01		1.53E+01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Potassium-40	2.10E+01	2.41E+01	2.10E+01		2.42E+01	pCi/L	UIU
GW-1(591661001) - Groundwater	31-Aug-22	Potassium-40	-3.57E+01	4.54E+01	7.82E+01		4.83E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Potassium-40	-1.23E+01	2.22E+01	4.30E+01		2.29E+01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Promethium-144	2.27E-01	1.14E+00	2.00E+00		1.14E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Promethium-144	-2.74E-01	2.42E+00	4.68E+00		2.42E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Promethium-144	1.63E-01	1.48E+00	2.68E+00		1.48E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Promethium-146	-4.30E-01	2.14E+00	2.37E+00		2.15E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Promethium-146	4.29E-01	3.01E+00	5.96E+00		3.02E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Promethium-146	-4.81E-01	1.84E+00	3.28E+00		1.85E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Radium-228	-2.04E+00	7.06E+00	9.12E+00		7.12E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Radium-228	-1.49E+01	1.28E+01	1.89E+01		1.45E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Radium-228	1.91E+00	1.06E+01	1.30E+01		1.06E+01	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Ruthenium-103	-8.41E-01	6.08E-01	1.95E+00		6.39E-01	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Ruthenium-106	-2.41E+00	4.52E+00	1.46E+01		4.56E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Ruthenium-106	-9.61E-01	9.95E+00	1.54E+01		9.96E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Ruthenium-106	2.17E+00	2.24E+01	4.40E+01		2.25E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Ruthenium-106	3.44E+00	1.30E+01	2.43E+01		1.31E+01	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Selenium-75	1.54E-01	7.69E-01	2.43E+00		7.70E-01	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Silver-108m	6.17E-01	4.54E-01	1.59E+00		4.77E-01	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Silver-110m	-3.26E-01	7.21E-01	2.26E+00		7.25E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Silver-110m	-1.47E-01	1.42E+00	2.61E+00		1.42E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Silver-110m	3.61E-01	3.15E+00	6.32E+00		3.15E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Silver-110m	-6.42E-01	2.07E+00	3.57E+00		2.09E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Sodium-22	8.45E-01	1.17E+00	2.28E+00		1.23E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Sodium-22	1.62E+00	2.51E+00	5.99E+00		2.62E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Sodium-22	8.67E-01	1.47E+00	3.05E+00		1.52E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Thallium-208	1.76E-01	2.57E+00	1.85E+00		2.57E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Thallium-208	7.65E-01	4.68E+00	5.35E+00		4.68E+00	pCi/L	U

GW-1(603322001) - Groundwater	7-Dec-22	Thallium-208	-1.53E+00	2.24E+00	3.22E+00		2.35E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Thorium-228	-6.97E-02	1.87E+00	3.77E+00		1.87E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Thorium-234	2.05E+01	4.15E+01	3.16E+01		4.18E+01	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Thorium-234	-7.57E+01	2.36E+02	3.84E+02		2.39E+02	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Thorium-234	-2.54E+01	1.06E+02	1.63E+02		1.07E+02	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Tin-113	-3.65E-01	1.22E+00	2.14E+00		1.23E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Tin-113	-6.60E-01	3.53E+00	6.62E+00		3.54E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Tin-113	-4.73E-02	1.86E+00	3.39E+00		1.86E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Tritium	1.03E+02	1.05E+02	3.07E+02	5.00E+02	1.06E+02	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Tritium	-6.77E+01	1.83E+02	4.00E+02	5.00E+02	1.83E+02	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Tritium	2.77E+01	2.27E+02	4.02E+02	5.00E+02	2.27E+02	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Tritium	-1.35E+00	1.99E+02	3.61E+02	5.00E+02	1.99E+02	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Uranium-235	3.71E+00	1.15E+01	9.22E+00		1.15E+01	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Uranium-235	1.17E+01	2.07E+01	3.73E+01		2.14E+01	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Uranium-235	1.11E+01	2.38E+01	1.73E+01		2.38E+01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Uranium-238	2.05E+01	4.15E+01	3.16E+01		4.18E+01	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Uranium-238	-7.57E+01	2.36E+02	3.84E+02		2.39E+02	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Uranium-238	-2.54E+01	1.06E+02	1.63E+02		1.07E+02	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Yttrium-88	2.76E-01	1.52E+00	2.58E+00		1.52E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Yttrium-88	-4.39E-01	3.48E+00	6.90E+00		3.49E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Yttrium-88	5.63E-01	1.82E+00	3.61E+00		1.84E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Zinc-65	6.24E-01	1.11E+00	3.43E+00	3.00E+01	1.12E+00	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Zinc-65	4.74E-01	2.47E+00	4.57E+00	3.00E+01	2.48E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Zinc-65	3.61E+00	4.62E+00	1.12E+01	3.00E+01	4.91E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Zinc-65	-3.60E-01	3.18E+00	5.30E+00	3.00E+01	3.18E+00	pCi/L	U
GW-1(573673001) - Ground Water	16-Mar-22	Zirconium-95	4.38E-02	9.97E-01	3.24E+00	1.50E+01	9.97E-01	pCi/L	U
GW-1(582500001) - Groundwater	8-Jun-22	Zirconium-95	-1.83E+00	2.23E+00	3.58E+00	1.50E+01	2.38E+00	pCi/L	U
GW-1(591661001) - Groundwater	31-Aug-22	Zirconium-95	3.07E+00	4.43E+00	9.68E+00	1.50E+01	4.65E+00	pCi/L	U
GW-1(603322001) - Groundwater	7-Dec-22	Zirconium-95	-2.00E+00	2.57E+00	3.55E+00	1.50E+01	2.72E+00	pCi/L	U

GW-2

Ground Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
GW-2(573673002) - Ground Water	16-Mar-22	Actinium-228	-4.28E+00	4.68E+00	7.78E+00		4.79E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Actinium-228	-7.10E+00	9.61E+00	9.35E+00		1.02E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Actinium-228	2.08E+00	1.45E+01	2.07E+01		1.45E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Actinium-228	-1.17E+01	6.56E+00	9.46E+00		8.48E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Americium-241	2.56E+00	1.02E+01	1.57E+01		1.03E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Americium-241	1.78E+00	7.75E+00	1.31E+01		7.79E+00	pCi/L	U

GW-2(603322002) - Groundwater	7-Dec-22	Americium-241	3.27E-01	6.28E+00	1.05E+01		6.29E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Antimony-124	-8.76E-01	1.31E+00	4.24E+00		1.32E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Antimony-124	8.96E-01	2.57E+00	4.94E+00		2.60E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Antimony-124	1.50E+00	4.14E+00	9.45E+00		4.20E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Antimony-124	-3.93E-01	2.66E+00	5.21E+00		2.66E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Antimony-125	-2.59E-01	1.30E+00	4.30E+00		1.31E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Antimony-125	-1.38E+00	3.04E+00	5.20E+00		3.11E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Antimony-125	-2.04E-01	5.30E+00	9.85E+00		5.31E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Antimony-125	-1.87E+00	3.58E+00	6.32E+00		3.68E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Barium-133	9.03E-01	1.54E+00	2.51E+00		1.59E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Barium-133	1.53E+00	2.39E+00	4.45E+00		2.49E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Barium-133	-1.53E+00	1.58E+00	2.33E+00		1.73E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Barium-140	-1.47E+00	3.21E+00	1.03E+01	1.50E+01	3.23E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Barium-140	3.95E+00	6.51E+00	1.18E+01	1.50E+01	6.76E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Barium-140	1.24E+00	1.05E+01	2.00E+01	1.50E+01	1.05E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Barium-140	-8.68E-01	5.22E+00	9.59E+00	1.50E+01	5.23E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Beryllium-7	5.17E+00	4.37E+00	1.49E+01		4.53E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Beryllium-7	-3.66E+00	1.40E+01	1.77E+01		1.41E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Beryllium-7	-9.15E+00	1.88E+01	3.27E+01		1.93E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Beryllium-7	2.88E+00	1.16E+01	2.19E+01		1.17E+01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Bismuth-212	1.71E+01	1.56E+01	2.91E+01		1.75E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Bismuth-212	-8.13E+00	3.42E+01	5.98E+01		3.44E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Bismuth-212	-1.23E+01	1.89E+01	3.18E+01		1.97E+01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Bismuth-214	2.72E+01	6.92E+00	3.81E+00		7.28E+00	pCi/L	
GW-2(591661002) - Groundwater	31-Aug-22	Bismuth-214	2.64E+00	5.70E+00	1.05E+01		5.82E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Bismuth-214	5.59E+00	5.09E+00	4.90E+00		5.11E+00	pCi/L	
GW-2(582500002) - Groundwater	8-Jun-22	Cerium-139	6.46E-02	1.07E+00	1.91E+00		1.07E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cerium-139	-4.03E-01	2.04E+00	3.43E+00		2.05E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cerium-139	-8.56E-01	1.22E+00	1.98E+00		1.29E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Cerium-141	-6.58E+00	1.55E+00	3.03E+00		2.18E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cerium-141	-1.33E+00	2.14E+00	3.76E+00		2.23E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cerium-141	2.06E-01	4.05E+00	6.83E+00		4.05E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cerium-141	-1.54E+00	2.40E+00	3.95E+00		2.50E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Cerium-144	2.26E+00	3.26E+00	1.07E+01		3.30E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cerium-144	-5.12E+00	7.59E+00	1.33E+01		7.94E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cerium-144	-9.30E+00	1.42E+01	2.31E+01		1.48E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cerium-144	1.81E-01	8.67E+00	1.50E+01		8.67E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Cesium-134	5.25E-01	5.05E-01	1.78E+00	1.50E+01	5.20E-01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cesium-134	8.13E-01	1.16E+00	2.13E+00	1.50E+01	1.22E+00	pCi/L	U

GW-2(591661002) - Groundwater	31-Aug-22	Cesium-134	-1.25E+00	1.98E+00	3.56E+00	1.50E+01	2.06E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cesium-134	8.79E-01	1.47E+00	2.90E+00	1.50E+01	1.52E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cesium-136	2.09E+00	5.35E+00	4.12E+00		5.44E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cesium-136	1.13E+00	4.80E+00	8.72E+00		4.83E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cesium-136	8.48E-01	1.88E+00	3.99E+00		1.93E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Cesium-137	8.95E-01	5.73E-01	1.70E+00	1.80E+01	5.74E-01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cesium-137	-1.93E+00	2.77E+00	3.73E+00	1.80E+01	2.91E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cesium-137	4.46E-01	2.68E+00	4.68E+00	1.80E+01	2.69E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cesium-137	-3.00E-02	1.20E+00	2.24E+00	1.80E+01	1.20E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Chromium-51	-2.44E-01	4.91E+00	1.66E+01		4.91E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Chromium-51	-8.21E+00	1.93E+01	1.94E+01		1.96E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Chromium-51	5.22E+00	1.98E+01	3.79E+01		2.00E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Chromium-51	-7.31E+00	1.24E+01	1.95E+01		1.28E+01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cobalt-56	2.26E-01	1.38E+00	2.14E+00		1.38E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cobalt-56	2.43E-01	2.02E+00	4.07E+00		2.03E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cobalt-56	2.59E-01	1.43E+00	2.42E+00		1.43E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Cobalt-57	1.02E-01	4.31E-01	1.40E+00		4.32E-01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cobalt-57	-3.87E-01	1.02E+00	1.80E+00		1.03E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cobalt-57	3.88E-01	1.74E+00	3.07E+00		1.74E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cobalt-57	-4.65E-01	1.20E+00	2.02E+00		1.22E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Cobalt-58	-9.09E-01	5.01E-01	1.58E+00	1.50E+01	5.44E-01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cobalt-58	1.43E+00	1.03E+00	2.01E+00	1.50E+01	1.23E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cobalt-58	5.72E-01	1.94E+00	3.93E+00	1.50E+01	1.96E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cobalt-58	1.35E-01	1.25E+00	2.34E+00	1.50E+01	1.25E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Cobalt-60	-1.46E+00	8.56E-01	1.87E+00	1.50E+01	9.23E-01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Cobalt-60	7.13E-01	1.20E+00	2.31E+00	1.50E+01	1.24E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Cobalt-60	-3.00E-01	1.69E+00	3.35E+00	1.50E+01	1.70E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Cobalt-60	1.46E+00	8.63E-01	2.41E+00	1.50E+01	1.09E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Europium-152	1.21E+00	3.09E+00	5.55E+00		3.14E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Europium-152	1.08E+01	1.97E+01	1.08E+01		2.34E+01	pCi/L	UIU
GW-2(603322002) - Groundwater	7-Dec-22	Europium-152	-3.88E+00	3.59E+00	6.09E+00		4.00E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Europium-154	2.78E+00	3.08E+00	6.02E+00		3.33E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Europium-154	-8.43E-01	5.75E+00	1.12E+01		5.76E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Europium-154	-2.02E+00	3.04E+00	5.37E+00		3.17E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Europium-155	-3.79E+00	4.76E+00	7.52E+00		5.07E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Europium-155	4.76E+00	6.69E+00	1.24E+01		7.04E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Europium-155	-7.47E-01	4.66E+00	8.05E+00		4.67E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Iodine-131	6.65E-01	1.31E+00	4.44E+00	1.50E+01	1.32E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Iodine-131	2.51E+00	2.45E+00	4.54E+00	1.50E+01	2.71E+00	pCi/L	U

GW-2(591661002) - Groundwater	31-Aug-22	Iodine-131	2.00E+00	3.98E+00	7.83E+00	1.50E+01	4.08E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Iodine-131	1.58E-01	1.87E+00	3.52E+00	1.50E+01	1.87E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Iridium-192	1.24E+00	1.10E+00	2.03E+00		1.23E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Iridium-192	2.10E-01	2.06E+00	3.88E+00		2.06E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Iridium-192	4.93E-01	1.14E+00	2.22E+00		1.16E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Iron-59	-1.49E+00	1.09E+00	3.39E+00	3.00E+01	1.15E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Iron-59	-6.41E-01	2.15E+00	3.89E+00	3.00E+01	2.17E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Iron-59	-3.88E-01	4.62E+00	8.88E+00	3.00E+01	4.62E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Iron-59	1.32E+00	3.17E+00	4.46E+00	3.00E+01	3.22E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Lanthanum-140	-1.55E+00	1.24E+00	3.69E+00	1.50E+01	1.30E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Lanthanum-140	-2.17E+00	2.38E+00	3.94E+00	1.50E+01	2.58E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Lanthanum-140	-3.86E+00	3.44E+00	4.54E+00	1.50E+01	3.87E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Lanthanum-140	1.48E+00	1.98E+00	4.36E+00	1.50E+01	2.09E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Lead-210	3.63E+02	5.77E+02	3.63E+02		5.85E+02	pCi/L	UIU
GW-2(591661002) - Groundwater	31-Aug-22	Lead-210	2.88E+01	2.06E+02	2.09E+02		2.06E+02	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Lead-210	-1.24E+02	1.55E+02	2.30E+02		1.65E+02	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Lead-212	5.44E+00	4.26E+00	3.42E+00		4.28E+00	pCi/L	
GW-2(591661002) - Groundwater	31-Aug-22	Lead-212	3.59E+00	7.41E+00	6.28E+00		7.42E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Lead-212	5.31E+00	4.75E+00	5.38E+00		5.33E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Lead-214	2.39E+01	6.35E+00	7.28E+00		6.65E+00	pCi/L	
GW-2(591661002) - Groundwater	31-Aug-22	Lead-214	4.18E+00	5.60E+00	6.85E+00		5.61E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Lead-214	7.96E+00	6.86E+00	7.96E+00		9.48E+00	pCi/L	UI
GW-2(573673002) - Ground Water	16-Mar-22	Manganese-54	-1.65E-01	4.67E-01	1.56E+00	1.50E+01	4.69E-01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Manganese-54	-5.56E-02	1.08E+00	1.85E+00	1.50E+01	1.08E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Manganese-54	8.23E-01	1.88E+00	3.94E+00	1.50E+01	1.91E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Manganese-54	2.18E+00	3.73E+00	2.18E+00	1.50E+01	3.74E+00	pCi/L	UI
GW-2(582500002) - Groundwater	8-Jun-22	Mercury-203	-2.01E-02	1.17E+00	2.07E+00		1.17E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Mercury-203	-1.05E+00	2.18E+00	3.89E+00		2.23E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Mercury-203	1.10E-01	1.21E+00	2.29E+00		1.21E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Neodymium-147	6.80E+00	1.32E+01	2.38E+01		1.36E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Neodymium-147	-7.92E+00	2.36E+01	4.16E+01		2.39E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Neodymium-147	-3.74E+00	1.12E+01	2.00E+01		1.13E+01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Neptunium-239	-1.04E+01	1.05E+01	1.83E+01		1.15E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Neptunium-239	1.33E+01	1.79E+01	3.31E+01		1.89E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Neptunium-239	7.48E+00	1.19E+01	2.15E+01		1.24E+01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Niobium-94	5.87E-01	1.17E+00	1.89E+00		1.20E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Niobium-94	-5.38E-02	2.15E+00	3.90E+00		2.15E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Niobium-94	-1.65E-01	1.27E+00	2.29E+00		1.27E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Niobium-95	7.40E-01	6.59E-01	1.96E+00	1.50E+01	6.81E-01	pCi/L	U

GW-2(582500002) - Groundwater	8-Jun-22	Niobium-95	4.93E-01	1.34E+00	2.13E+00	1.50E+01	1.36E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Niobium-95	-7.59E-01	1.99E+00	3.43E+00	1.50E+01	2.02E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Niobium-95	-7.80E-01	1.44E+00	2.45E+00	1.50E+01	1.49E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Potassium-40	-2.36E+01	1.25E+01	2.34E+01		1.37E+01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Potassium-40	-2.65E+01	2.18E+01	2.77E+01		2.50E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Potassium-40	3.68E+01	3.13E+01	3.68E+01		3.15E+01	pCi/L	UIU
GW-2(603322002) - Groundwater	7-Dec-22	Potassium-40	-1.44E+01	2.28E+01	3.78E+01		2.37E+01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Promethium-144	1.73E-01	9.99E-01	1.76E+00		1.00E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Promethium-144	-6.35E-01	2.10E+00	3.65E+00		2.12E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Promethium-144	-1.36E-01	1.53E+00	2.29E+00		1.53E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Promethium-146	-1.09E+00	1.39E+00	2.32E+00		1.48E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Promethium-146	-1.16E+00	2.26E+00	3.95E+00		2.32E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Promethium-146	7.88E-02	1.53E+00	2.86E+00		1.53E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Radium-228	-7.10E+00	9.61E+00	9.35E+00		1.02E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Radium-228	2.08E+00	1.45E+01	2.07E+01		1.45E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Radium-228	-1.17E+01	6.56E+00	9.46E+00		8.48E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Ruthenium-103	-1.50E+00	5.91E-01	1.79E+00		6.88E-01	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Ruthenium-106	-3.30E+00	4.60E+00	1.45E+01		4.67E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Ruthenium-106	-2.28E+00	9.50E+00	1.63E+01		9.55E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Ruthenium-106	-1.90E+01	1.88E+01	2.92E+01		2.07E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Ruthenium-106	-6.76E+00	1.27E+01	2.07E+01		1.31E+01	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Selenium-75	2.25E-01	6.40E-01	2.21E+00		6.43E-01	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Silver-108m	-2.33E-01	4.20E-01	1.37E+00		4.23E-01	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Silver-110m	-5.98E-01	6.46E-01	2.09E+00		6.61E-01	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Silver-110m	-5.18E-01	1.59E+00	2.34E+00		1.61E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Silver-110m	-1.97E+00	3.03E+00	4.51E+00		3.17E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Silver-110m	2.63E-01	1.80E+00	3.07E+00		1.81E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Sodium-22	1.09E+00	1.07E+00	2.11E+00		1.18E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Sodium-22	-2.97E-01	2.02E+00	3.92E+00		2.03E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Sodium-22	-1.19E+00	1.17E+00	1.89E+00		1.29E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Thallium-208	7.19E-01	2.58E+00	1.81E+00		2.58E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Thallium-208	2.52E+00	4.05E+00	3.41E+00		4.06E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Thallium-208	-2.41E+00	2.06E+00	2.56E+00		2.34E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Thorium-228	1.43E+00	1.94E+00	2.77E+00		1.94E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Thorium-234	4.69E+01	1.67E+02	1.27E+02		1.67E+02	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Thorium-234	-3.74E+01	7.62E+01	1.34E+02		7.85E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Thorium-234	1.05E+02	1.46E+02	1.26E+02		1.55E+02	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Tin-113	-1.63E-01	1.45E+00	2.52E+00		1.45E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Tin-113	3.40E-01	2.55E+00	4.82E+00		2.55E+00	pCi/L	U

GW-2(603322002) - Groundwater	7-Dec-22	Tin-113	2.36E-02	1.50E+00	2.81E+00		1.50E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Tritium	1.26E+02	1.12E+02	3.22E+02	5.00E+02	1.13E+02	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Tritium	4.44E+01	2.10E+02	4.05E+02	5.00E+02	2.10E+02	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Tritium	-2.93E+01	2.14E+02	3.85E+02	5.00E+02	2.14E+02	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Tritium	1.51E+02	2.11E+02	3.59E+02	5.00E+02	2.13E+02	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Uranium-235	-6.29E+00	1.16E+01	1.40E+01		1.20E+01	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Uranium-235	-1.19E+01	1.68E+01	2.44E+01		1.76E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Uranium-235	1.86E+00	9.95E+00	1.60E+01		9.99E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Uranium-238	4.69E+01	1.67E+02	1.27E+02		1.67E+02	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Uranium-238	-3.74E+01	7.62E+01	1.34E+02		7.85E+01	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Uranium-238	1.05E+02	1.46E+02	1.26E+02		1.55E+02	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Yttrium-88	-9.76E-01	1.22E+00	2.01E+00		1.29E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Yttrium-88	1.83E+00	2.61E+00	6.03E+00		2.74E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Yttrium-88	-1.85E-01	1.33E+00	2.58E+00		1.33E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Zinc-65	1.35E+00	1.08E+00	3.39E+00	3.00E+01	1.12E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Zinc-65	5.13E-01	2.59E+00	4.28E+00	3.00E+01	2.60E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Zinc-65	3.39E+00	4.40E+00	9.66E+00	3.00E+01	4.67E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Zinc-65	-1.38E+00	3.53E+00	5.10E+00	3.00E+01	3.58E+00	pCi/L	U
GW-2(573673002) - Ground Water	16-Mar-22	Zirconium-95	1.49E+00	9.41E-01	3.19E+00	1.50E+01	1.00E+00	pCi/L	U
GW-2(582500002) - Groundwater	8-Jun-22	Zirconium-95	2.11E-01	1.96E+00	3.44E+00	1.50E+01	1.97E+00	pCi/L	U
GW-2(591661002) - Groundwater	31-Aug-22	Zirconium-95	6.06E-01	3.80E+00	7.21E+00	1.50E+01	3.81E+00	pCi/L	U
GW-2(603322002) - Groundwater	7-Dec-22	Zirconium-95	-1.14E+00	2.22E+00	3.80E+00	1.50E+01	2.28E+00	pCi/L	U

GW-3

Ground Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
GW-3(573673003) - Ground Water	16-Mar-22	Actinium-228	-8.30E+00	3.10E+00	6.47E+00		3.66E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Actinium-228	-4.05E+00	5.45E+00	6.78E+00		5.76E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Actinium-228	-6.37E+00	1.01E+01	1.64E+01		1.05E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Actinium-228	-2.55E+00	8.09E+00	1.39E+01		8.17E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Americium-241	5.90E-01	2.39E+00	4.36E+00		2.41E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Americium-241	-1.95E+00	1.36E+01	2.28E+01		1.36E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Americium-241	8.69E+00	1.43E+01	2.53E+01		1.48E+01	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Antimony-124	-1.11E-03	1.21E+00	3.94E+00		1.21E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Antimony-124	9.71E-01	1.91E+00	3.79E+00		1.96E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Antimony-124	-4.98E+00	5.93E+00	9.56E+00		6.35E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Antimony-124	-1.68E+00	3.62E+00	6.50E+00		3.70E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Antimony-125	1.19E-01	1.08E+00	3.62E+00		1.08E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Antimony-125	1.42E+00	2.46E+00	3.95E+00		2.55E+00	pCi/L	U

GW-3(591661003) - Groundwater	31-Aug-22	Antimony-125	-2.87E+00	5.92E+00	1.07E+01		6.07E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Antimony-125	-7.40E-01	3.59E+00	6.62E+00		3.60E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Barium-133	-2.88E-01	1.08E+00	1.79E+00		1.09E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Barium-133	-3.48E+00	2.81E+00	4.67E+00		3.23E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Barium-133	-8.98E-01	2.09E+00	3.36E+00		2.13E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Barium-140	-9.62E-01	2.77E+00	9.04E+00	1.50E+01	2.78E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Barium-140	-1.97E+00	4.49E+00	8.01E+00	1.50E+01	4.58E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Barium-140	2.14E-01	1.40E+01	2.63E+01	1.50E+01	1.40E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Barium-140	-4.48E+00	6.74E+00	1.01E+01	1.50E+01	7.04E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Beryllium-7	-8.50E-01	3.98E+00	1.31E+01		3.98E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Beryllium-7	-5.93E+00	9.94E+00	1.27E+01		1.03E+01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Beryllium-7	8.05E+00	2.29E+01	4.09E+01		2.32E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Beryllium-7	-5.57E-01	1.17E+01	2.19E+01		1.17E+01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Bismuth-212	-1.66E+01	2.38E+01	2.23E+01		2.50E+01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Bismuth-212	-1.84E+01	3.45E+01	5.14E+01		3.55E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Bismuth-212	2.04E+01	1.96E+01	4.10E+01		2.17E+01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Bismuth-214	2.66E+00	4.19E+00	2.66E+00		4.21E+00	pCi/L	UIU
GW-3(591661003) - Groundwater	31-Aug-22	Bismuth-214	2.05E+01	8.18E+00	8.83E+00		8.35E+00	pCi/L	
GW-3(603322003) - Groundwater	7-Dec-22	Bismuth-214	1.91E+01	6.52E+00	5.88E+00		6.72E+00	pCi/L	
GW-3(582500003) - Groundwater	8-Jun-22	Cerium-139	2.79E-01	7.73E-01	1.36E+00		7.85E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cerium-139	1.85E+00	2.49E+00	4.57E+00		2.66E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cerium-139	-2.09E-01	1.46E+00	2.51E+00		1.47E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Cerium-141	2.21E-01	8.42E-01	2.71E+00		8.44E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cerium-141	-5.99E-01	1.66E+00	2.85E+00		1.68E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cerium-141	-8.69E-01	4.74E+00	7.79E+00		4.75E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cerium-141	-1.10E+00	2.76E+00	4.65E+00		2.80E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Cerium-144	2.16E+00	2.84E+00	9.25E+00		2.88E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cerium-144	-3.91E+00	5.81E+00	9.96E+00		6.08E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cerium-144	-4.34E+00	1.52E+01	2.61E+01		1.53E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cerium-144	-4.13E+00	1.05E+01	1.78E+01		1.06E+01	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Cesium-134	3.31E-02	4.63E-01	1.49E+00	1.50E+01	4.63E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cesium-134	5.22E-02	8.63E-01	1.56E+00	1.50E+01	8.63E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cesium-134	-1.44E+00	2.76E+00	4.74E+00	1.50E+01	2.84E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cesium-134	-2.11E-01	2.25E+00	3.58E+00	1.50E+01	2.25E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cesium-136	1.18E+00	1.78E+00	3.35E+00		1.87E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cesium-136	-1.50E+00	3.90E+00	6.88E+00		3.96E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cesium-136	-4.90E-01	2.57E+00	4.57E+00		2.58E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Cesium-137	1.12E+00	4.74E-01	1.67E+00	1.80E+01	5.42E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cesium-137	5.59E-01	8.43E-01	1.59E+00	1.80E+01	8.81E-01	pCi/L	U

GW-3(591661003) - Groundwater	31-Aug-22	Cesium-137	1.45E+00	2.84E+00	5.18E+00	1.80E+01	2.91E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cesium-137	-4.66E-01	1.55E+00	2.76E+00	1.80E+01	1.56E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Chromium-51	-5.60E+00	4.32E+00	1.42E+01		4.51E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Chromium-51	-4.10E+00	8.43E+00	1.39E+01		8.64E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Chromium-51	6.16E+00	2.20E+01	4.14E+01		2.22E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Chromium-51	1.37E+01	1.26E+01	2.56E+01		1.41E+01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cobalt-56	8.72E-03	8.30E-01	1.49E+00		8.30E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cobalt-56	1.86E-01	2.20E+00	4.26E+00		2.20E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cobalt-56	-5.15E-01	1.25E+00	2.19E+00		1.27E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Cobalt-57	7.14E-02	3.69E-01	1.20E+00		3.70E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cobalt-57	4.13E-01	7.58E-01	1.36E+00		7.82E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cobalt-57	1.36E+00	2.10E+00	3.89E+00		2.19E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cobalt-57	1.93E+00	1.95E+00	2.56E+00		1.95E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Cobalt-58	5.54E-01	4.67E-01	1.57E+00	1.50E+01	4.84E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cobalt-58	-6.59E-01	8.06E-01	1.36E+00	1.50E+01	8.61E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cobalt-58	4.58E-01	2.36E+00	4.60E+00	1.50E+01	2.37E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cobalt-58	4.20E-02	1.41E+00	2.63E+00	1.50E+01	1.41E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Cobalt-60	2.01E-01	4.57E-01	1.55E+00	1.50E+01	4.59E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Cobalt-60	9.94E-02	8.52E-01	1.52E+00	1.50E+01	8.53E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Cobalt-60	8.86E-02	1.93E+00	4.12E+00	1.50E+01	1.93E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Cobalt-60	-5.61E-01	1.50E+00	2.79E+00	1.50E+01	1.52E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Europium-152	1.18E+00	2.41E+00	4.17E+00		2.47E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Europium-152	3.34E+00	7.42E+00	1.45E+01		7.58E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Europium-152	-6.09E-01	3.94E+00	7.34E+00		3.95E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Europium-154	-9.15E-01	2.10E+00	3.55E+00		2.14E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Europium-154	1.27E+00	6.98E+00	1.46E+01		7.01E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Europium-154	1.30E+00	4.03E+00	8.46E+00		4.07E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Europium-155	2.37E+00	3.03E+00	5.49E+00		3.22E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Europium-155	1.24E+01	7.93E+00	1.59E+01		9.75E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Europium-155	5.01E-02	6.05E+00	1.07E+01		6.05E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Iodine-131	-1.21E-01	1.14E+00	3.83E+00	1.50E+01	1.14E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Iodine-131	-5.89E-01	1.89E+00	3.12E+00	1.50E+01	1.91E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Iodine-131	-1.75E-01	4.55E+00	8.64E+00	1.50E+01	4.55E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Iodine-131	8.60E-01	2.18E+00	4.22E+00	1.50E+01	2.21E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Iridium-192	7.98E-02	8.36E-01	1.42E+00		8.37E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Iridium-192	-1.10E+00	2.33E+00	4.24E+00		2.38E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Iridium-192	-1.29E+00	1.29E+00	2.24E+00		1.42E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Iron-59	-1.66E-01	8.93E-01	2.98E+00	3.00E+01	8.94E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Iron-59	-2.85E-01	1.73E+00	3.02E+00	3.00E+01	1.73E+00	pCi/L	U

GW-3(591661003) - Groundwater	31-Aug-22	Iron-59	3.46E-01	3.74E+00	7.98E+00	3.00E+01	3.75E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Iron-59	-3.18E-02	2.60E+00	5.18E+00	3.00E+01	2.60E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Lanthanum-140	-3.98E-01	9.76E-01	3.12E+00	1.50E+01	9.80E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Lanthanum-140	-1.63E-01	1.50E+00	2.80E+00	1.50E+01	1.51E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Lanthanum-140	-2.67E+00	3.22E+00	6.08E+00	1.50E+01	3.44E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Lanthanum-140	2.12E+00	2.63E+00	5.36E+00	1.50E+01	2.80E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Lead-210	-4.25E+00	4.62E+01	5.56E+01		4.63E+01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Lead-210	8.74E+01	3.31E+02	5.86E+02		3.33E+02	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Lead-210	-1.37E+02	7.39E+02	1.08E+03		7.42E+02	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Lead-212	3.82E-01	3.29E+00	2.62E+00		3.29E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Lead-212	2.00E+00	8.31E+00	9.18E+00		8.36E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Lead-212	-3.25E+00	3.94E+00	5.41E+00		4.21E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Lead-214	1.76E+00	4.10E+00	4.06E+00		4.18E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Lead-214	4.50E+00	6.60E+00	1.25E+01		6.92E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Lead-214	3.01E+01	8.74E+00	5.77E+00		9.10E+00	pCi/L	
GW-3(573673003) - Ground Water	16-Mar-22	Manganese-54	-1.48E-03	4.31E-01	1.38E+00	1.50E+01	4.31E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Manganese-54	2.96E-01	7.67E-01	1.42E+00	1.50E+01	7.79E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Manganese-54	-1.20E+00	2.52E+00	4.35E+00	1.50E+01	2.58E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Manganese-54	-5.25E-02	1.30E+00	2.41E+00	1.50E+01	1.30E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Mercury-203	-2.41E-01	9.43E-01	1.58E+00		9.49E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Mercury-203	5.37E-01	2.61E+00	4.60E+00		2.62E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Mercury-203	2.77E-01	1.64E+00	2.63E+00		1.65E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Neodymium-147	-5.28E+00	9.10E+00	1.61E+01		9.42E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Neodymium-147	7.16E+00	2.68E+01	5.21E+01		2.70E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Neodymium-147	1.43E+01	1.26E+01	2.63E+01		1.42E+01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Neptunium-239	6.01E-01	7.87E+00	1.39E+01		7.88E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Neptunium-239	-1.82E+01	2.21E+01	3.66E+01		2.37E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Neptunium-239	1.51E+01	1.52E+01	2.59E+01		1.67E+01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Niobium-94	5.02E-01	7.54E-01	1.42E+00		7.89E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Niobium-94	-1.81E+00	2.41E+00	4.01E+00		2.55E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Niobium-94	9.93E-02	1.41E+00	2.62E+00		1.41E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Niobium-95	-1.64E-01	4.73E-01	1.50E+00	1.50E+01	4.75E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Niobium-95	-3.63E-01	8.87E-01	1.55E+00	1.50E+01	9.03E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Niobium-95	1.27E-01	2.42E+00	4.63E+00	1.50E+01	2.42E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Niobium-95	9.22E-01	1.57E+00	2.87E+00	1.50E+01	1.63E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Potassium-40	6.00E+00	1.19E+01	1.47E+01		1.19E+01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Potassium-40	1.49E+01	2.29E+01	1.49E+01		2.30E+01	pCi/L	UIU
GW-3(591661003) - Groundwater	31-Aug-22	Potassium-40	-2.50E+01	3.23E+01	5.91E+01		3.43E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Potassium-40	-1.15E+01	2.29E+01	4.16E+01		2.36E+01	pCi/L	U

GW-3(582500003) - Groundwater	8-Jun-22	Promethium-144	2.91E-01	8.23E-01	1.51E+00		8.34E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Promethium-144	-8.65E-01	2.25E+00	3.99E+00		2.28E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Promethium-144	-4.18E-01	1.40E+00	2.49E+00		1.42E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Promethium-146	9.41E-01	1.04E+00	1.84E+00		1.13E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Promethium-146	3.05E-01	2.93E+00	5.61E+00		2.93E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Promethium-146	-6.73E-01	1.96E+00	3.14E+00		1.98E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Radium-228	-4.05E+00	5.45E+00	6.78E+00		5.76E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Radium-228	-6.37E+00	1.01E+01	1.64E+01		1.05E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Radium-228	-2.55E+00	8.09E+00	1.39E+01		8.17E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Ruthenium-103	-8.72E-01	5.40E-01	1.49E+00		5.78E-01	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Ruthenium-106	-4.84E+00	4.00E+00	1.25E+01		4.16E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Ruthenium-106	-1.36E+00	7.18E+00	1.29E+01		7.20E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Ruthenium-106	-5.27E+00	2.25E+01	4.09E+01		2.26E+01	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Ruthenium-106	1.47E+01	1.47E+01	2.32E+01		1.48E+01	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Selenium-75	-9.80E-02	5.75E-01	1.97E+00		5.76E-01	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Silver-108m	6.37E-01	3.44E-01	1.22E+00		3.75E-01	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Silver-110m	5.86E-01	6.02E-01	2.01E+00		6.18E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Silver-110m	2.11E-01	1.09E+00	1.98E+00		1.09E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Silver-110m	-2.18E+00	3.00E+00	4.52E+00		3.16E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Silver-110m	8.02E-01	1.41E+00	3.02E+00		1.46E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Sodium-22	-3.99E-01	7.54E-01	1.26E+00		7.76E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Sodium-22	4.37E-01	2.46E+00	5.12E+00		2.46E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Sodium-22	5.17E-01	1.43E+00	3.01E+00		1.45E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Thallium-208	1.48E+00	2.34E+00	1.48E+00		2.35E+00	pCi/L	UIU
GW-3(591661003) - Groundwater	31-Aug-22	Thallium-208	7.09E-01	3.57E+00	4.24E+00		3.57E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Thallium-208	7.85E-01	1.75E+00	3.00E+00		1.79E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Thorium-228	-2.82E+00	1.51E+00	4.16E+00		1.65E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Thorium-234	-2.18E+01	4.69E+01	4.83E+01		4.83E+01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Thorium-234	2.43E+02	1.91E+02	2.43E+02		2.36E+02	pCi/L	UIU
GW-3(603322003) - Groundwater	7-Dec-22	Thorium-234	1.40E+02	2.30E+02	2.36E+02		2.41E+02	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Tin-113	-8.36E-01	1.10E+00	1.76E+00		1.17E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Tin-113	-1.84E+00	3.03E+00	5.38E+00		3.14E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Tin-113	-6.24E-01	1.66E+00	3.02E+00		1.68E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Tritium	2.39E+01	8.64E+01	2.74E+02	5.00E+02	8.64E+01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Tritium	-4.78E+01	1.89E+02	4.04E+02	5.00E+02	1.89E+02	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Tritium	1.15E+02	2.35E+02	4.04E+02	5.00E+02	2.36E+02	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Tritium	1.62E+02	2.64E+02	4.52E+02	5.00E+02	2.66E+02	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Uranium-235	-5.76E+00	9.28E+00	1.09E+01		9.65E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Uranium-235	-8.00E-01	1.87E+01	2.91E+01		1.87E+01	pCi/L	U

GW-3(603322003) - Groundwater	7-Dec-22	Uranium-235	-7.30E-01	1.23E+01	1.95E+01		1.23E+01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Uranium-238	-2.18E+01	4.69E+01	4.83E+01		4.83E+01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Uranium-238	2.43E+02	1.91E+02	2.43E+02		2.36E+02	pCi/L	UIU
GW-3(603322003) - Groundwater	7-Dec-22	Uranium-238	1.40E+02	2.30E+02	2.36E+02		2.41E+02	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Yttrium-88	-4.03E-02	9.55E-01	1.78E+00		9.56E-01	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Yttrium-88	-1.12E+00	3.03E+00	5.58E+00		3.08E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Yttrium-88	-7.78E-01	1.28E+00	2.22E+00		1.33E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Zinc-65	-1.60E+00	1.60E+00	2.93E+00	3.00E+01	1.64E+00	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Zinc-65	-1.33E+00	1.92E+00	2.76E+00	3.00E+01	2.02E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Zinc-65	-9.84E-01	3.95E+00	6.85E+00	3.00E+01	3.97E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Zinc-65	4.30E+00	4.39E+00	5.19E+00	3.00E+01	4.40E+00	pCi/L	U
GW-3(573673003) - Ground Water	16-Mar-22	Zirconium-95	1.24E-01	8.03E-01	2.61E+00	1.50E+01	8.04E-01	pCi/L	U
GW-3(582500003) - Groundwater	8-Jun-22	Zirconium-95	-1.74E+00	1.45E+00	2.39E+00	1.50E+01	1.66E+00	pCi/L	U
GW-3(591661003) - Groundwater	31-Aug-22	Zirconium-95	-3.01E+00	3.97E+00	6.54E+00	1.50E+01	4.20E+00	pCi/L	U
GW-3(603322003) - Groundwater	7-Dec-22	Zirconium-95	7.23E-02	2.83E+00	5.21E+00	1.50E+01	2.83E+00	pCi/L	U

GW-4

Ground Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
GW-4(573673004) - Ground Water	16-Mar-22	Actinium-228	6.32E+00	5.43E+00	6.32E+00		5.45E+00	pCi/L	UI
GW-4(585574001) - Groundwater	8-Jun-22	Actinium-228	-8.92E-01	1.32E+01	2.53E+01		1.32E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Actinium-228	-1.59E+01	1.22E+01	1.19E+01		1.42E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Actinium-228	1.61E+01	1.76E+01	2.41E+01		1.91E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Actinium-228	-4.84E-01	9.15E+00	1.68E+01		9.15E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Actinium-228	8.35E-01	7.73E+00	1.42E+01		7.74E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Americium-241	1.79E+00	3.82E+00	3.33E+00		3.82E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Americium-241	1.35E+01	2.58E+01	4.37E+01		2.65E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Americium-241	2.94E+01	2.53E+01	2.94E+01		2.58E+01	pCi/L	UI
GW-4(591661004) - Groundwater	31-Aug-22	Americium-241	2.05E+00	8.63E+00	1.53E+01		8.69E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Americium-241	-5.83E+00	1.45E+01	2.27E+01		1.47E+01	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Antimony-124	-1.62E-01	1.31E+00	4.28E+00		1.31E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Antimony-124	-4.83E+00	7.50E+00	1.30E+01		7.82E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Antimony-124	2.52E-01	2.94E+00	5.75E+00		2.94E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Antimony-124	7.28E+00	7.23E+00	1.74E+01		7.96E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Antimony-124	1.32E+00	6.17E+00	1.26E+01		6.20E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Antimony-124	2.57E+00	4.93E+00	6.45E+00		4.94E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Antimony-125	-3.54E+00	2.28E+00	4.34E+00		2.43E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Antimony-125	4.88E+00	6.86E+00	1.36E+01		7.22E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Antimony-125	-1.53E+00	3.36E+00	5.85E+00		3.43E+00	pCi/L	U

GW-4(585828001) - Groundwater	12-Jul-22	Antimony-125	2.84E+00	5.98E+00	1.19E+01		6.12E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Antimony-125	-2.07E+00	5.59E+00	9.82E+00		5.67E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Antimony-125	-5.68E-01	4.15E+00	7.52E+00		4.16E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Barium-133	-1.30E-01	1.54E+00	2.50E+00		1.54E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Barium-133	2.02E-01	3.65E+00	5.95E+00		3.65E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Barium-133	2.09E+00	4.42E+00	6.36E+00		4.53E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Barium-133	9.86E-01	3.03E+00	5.20E+00		3.06E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Barium-133	2.17E+00	2.39E+00	4.25E+00		2.58E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Barium-140	6.57E+00	3.51E+00	1.13E+01	1.50E+01	3.83E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Barium-140	4.90E-01	7.24E+00	1.29E+01	1.50E+01	7.24E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Barium-140	-1.54E+01	5.75E+01	1.08E+02	1.50E+01	5.80E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Barium-140	3.28E+00	1.29E+01	2.57E+01	1.50E+01	1.30E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Barium-140	-6.86E+00	1.10E+01	1.84E+01	1.50E+01	1.15E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Barium-140	-3.63E+00	7.75E+00	1.23E+01	1.50E+01	7.93E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Beryllium-7	-3.53E+00	4.40E+00	1.36E+01		4.48E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Beryllium-7	3.55E+01	6.13E+01	4.96E+01		6.14E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Beryllium-7	-3.06E+00	1.08E+01	1.88E+01		1.09E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Beryllium-7	4.00E+00	2.28E+01	4.24E+01		2.29E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Beryllium-7	-5.53E+00	1.80E+01	2.81E+01		1.82E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Beryllium-7	-5.76E+00	1.39E+01	2.43E+01		1.41E+01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Bismuth-212	-4.50E+01	3.85E+01	6.41E+01		4.37E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Bismuth-212	1.57E+01	1.99E+01	3.66E+01		2.11E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Bismuth-212	1.61E+01	3.79E+01	7.09E+01		3.86E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Bismuth-212	1.36E+01	2.77E+01	5.84E+01		2.84E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Bismuth-212	1.38E+01	1.80E+01	3.68E+01		1.91E+01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Bismuth-214	5.77E+00	8.73E+00	8.87E+00		8.75E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Bismuth-214	7.55E+00	6.49E+00	7.55E+00		8.25E+00	pCi/L	UIU
GW-4(585828001) - Groundwater	12-Jul-22	Bismuth-214	1.57E+01	1.33E+01	1.57E+01		1.57E+01	pCi/L	UI
GW-4(591661004) - Groundwater	31-Aug-22	Bismuth-214	1.22E+01	7.79E+00	1.25E+01		9.58E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Bismuth-214	1.09E+01	8.50E+00	1.09E+01		1.27E+01	pCi/L	UI
GW-4(585574001) - Groundwater	8-Jun-22	Cerium-139	-7.29E-01	2.95E+00	4.76E+00		2.97E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cerium-139	-2.28E-01	9.98E-01	1.68E+00		1.01E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Cerium-139	-8.25E-01	2.41E+00	4.34E+00		2.44E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Cerium-139	-1.62E+00	1.69E+00	2.89E+00		1.87E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cerium-139	-2.24E-01	1.60E+00	2.68E+00		1.61E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Cerium-141	-2.94E+00	9.81E-01	3.18E+00		1.20E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cerium-141	-3.00E-01	1.87E+00	2.94E+00		1.87E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cerium-141	3.10E+00	1.03E+01	1.39E+01		1.03E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Cerium-141	-9.26E-01	4.35E+00	7.94E+00		4.37E+00	pCi/L	U

GW-4(591661004) - Groundwater	31-Aug-22	Cerium-141	1.73E-01	3.83E+00	6.45E+00		3.83E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cerium-141	2.30E-01	3.15E+00	5.34E+00		3.15E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Cerium-144	8.28E+00	4.71E+00	1.16E+01		4.72E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cerium-144	3.56E-01	6.30E+00	1.09E+01		6.30E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cerium-144	-3.97E+00	1.84E+01	3.35E+01		1.85E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Cerium-144	2.97E+01	2.75E+01	2.97E+01		2.77E+01	pCi/L	UI
GW-4(591661004) - Groundwater	31-Aug-22	Cerium-144	1.18E+01	1.32E+01	2.60E+01		1.42E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cerium-144	1.21E+00	1.16E+01	1.98E+01		1.16E+01	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Cesium-134	-2.24E-01	5.45E-01	1.78E+00	1.50E+01	5.47E-01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cesium-134	4.85E+00	3.78E+00	5.99E+00	1.50E+01	4.39E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cesium-134	8.29E-02	1.47E+00	2.74E+00	1.50E+01	1.47E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Cesium-134	1.10E+00	2.87E+00	5.89E+00	1.50E+01	2.92E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Cesium-134	5.07E-01	2.46E+00	4.67E+00	1.50E+01	2.48E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cesium-134	1.11E+00	1.65E+00	3.18E+00	1.50E+01	1.73E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cesium-136	-1.92E+00	3.87E+00	5.18E+00		3.97E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cesium-136	-6.32E+00	2.04E+01	3.69E+01		2.06E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Cesium-136	1.40E-01	4.59E+00	8.96E+00		4.59E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Cesium-136	-1.06E+00	4.00E+00	7.59E+00		4.03E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cesium-136	-1.70E+00	2.50E+00	4.41E+00		2.63E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Cesium-137	9.90E-01	5.54E-01	1.96E+00	1.80E+01	6.01E-01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cesium-137	7.69E-01	2.69E+00	5.38E+00	1.80E+01	2.72E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cesium-137	3.34E+00	1.97E+00	2.31E+00	1.80E+01	1.99E+00	pCi/L	
GW-4(585828001) - Groundwater	12-Jul-22	Cesium-137	1.01E+00	2.33E+00	4.91E+00	1.80E+01	2.38E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Cesium-137	-3.91E-01	2.38E+00	4.14E+00	1.80E+01	2.38E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cesium-137	-2.63E-01	1.75E+00	3.11E+00	1.80E+01	1.75E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Chromium-51	-1.38E+01	5.40E+00	1.65E+01		6.32E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Chromium-51	-8.43E+00	1.27E+01	1.99E+01		1.33E+01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Chromium-51	-1.41E+01	5.07E+01	7.90E+01		5.11E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Chromium-51	1.23E+00	1.95E+01	3.67E+01		1.96E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Chromium-51	-6.26E+00	2.23E+01	3.96E+01		2.25E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Chromium-51	9.91E+00	1.56E+01	2.97E+01		1.63E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cobalt-56	-4.32E-01	1.44E+00	2.59E+00		1.45E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cobalt-56	-3.88E-01	2.91E+00	5.58E+00		2.92E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Cobalt-56	1.02E+00	2.83E+00	5.72E+00		2.87E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Cobalt-56	1.80E+00	2.28E+00	4.93E+00		2.42E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cobalt-56	-1.36E+00	1.68E+00	2.67E+00		1.79E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Cobalt-57	9.67E-01	4.44E-01	1.57E+00		4.98E-01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cobalt-57	-8.14E-02	2.41E+00	4.46E+00		2.41E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cobalt-57	3.08E-01	7.83E-01	1.38E+00		7.95E-01	pCi/L	U

GW-4(585828001) - Groundwater	12-Jul-22	Cobalt-57	-6.35E-02	2.23E+00	4.16E+00		2.23E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Cobalt-57	1.76E+00	2.31E+00	2.91E+00		2.31E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cobalt-57	6.11E-01	1.51E+00	2.65E+00		1.54E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Cobalt-58	1.19E-01	5.24E-01	1.75E+00	1.50E+01	5.25E-01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cobalt-58	-6.36E-01	1.30E+00	2.32E+00	1.50E+01	1.33E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cobalt-58	2.03E+00	3.00E+00	6.50E+00	1.50E+01	3.14E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Cobalt-58	-7.37E-01	2.10E+00	3.92E+00	1.50E+01	2.13E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Cobalt-58	6.82E-01	2.21E+00	4.41E+00	1.50E+01	2.23E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cobalt-58	5.04E-01	1.51E+00	2.87E+00	1.50E+01	1.53E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Cobalt-60	-9.09E-01	5.35E-01	1.65E+00	1.50E+01	5.76E-01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Cobalt-60	-9.36E-02	1.53E+00	2.74E+00	1.50E+01	1.53E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Cobalt-60	1.58E-01	1.57E+00	3.69E+00	1.50E+01	1.57E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Cobalt-60	2.00E-01	2.49E+00	5.31E+00	1.50E+01	2.49E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Cobalt-60	1.09E+00	2.17E+00	4.77E+00	1.50E+01	2.23E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Cobalt-60	9.25E-01	2.13E+00	3.17E+00	1.50E+01	2.17E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Europium-152	2.11E+00	3.40E+00	6.33E+00		3.54E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Europium-152	3.95E+00	7.06E+00	1.38E+01		7.29E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Europium-152	2.94E+00	7.76E+00	1.48E+01		7.88E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Europium-152	2.85E+00	5.25E+00	1.05E+01		5.41E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Europium-152	-4.87E+00	4.69E+00	7.90E+00		5.20E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Europium-154	3.87E+00	4.43E+00	8.67E+00		4.77E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Europium-154	-5.18E-01	9.17E+00	1.60E+01		9.17E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Europium-154	1.68E+00	7.53E+00	1.62E+01		7.57E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Europium-154	3.58E+00	4.87E+00	1.18E+01		5.14E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Europium-154	1.93E+00	4.91E+00	9.96E+00		4.99E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Europium-155	6.60E-01	3.04E+00	5.37E+00		3.06E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Europium-155	-1.83E+00	1.02E+01	1.84E+01		1.03E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Europium-155	-2.75E+00	1.06E+01	1.71E+01		1.07E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Europium-155	4.72E-01	6.88E+00	1.30E+01		6.88E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Europium-155	3.73E+00	6.51E+00	1.16E+01		6.73E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Iodine-131	3.62E-01	1.46E+00	4.78E+00	1.50E+01	1.47E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Iodine-131	-4.93E+00	4.70E+01	8.43E+01	1.50E+01	4.70E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Iodine-131	1.55E+00	2.67E+00	4.96E+00	1.50E+01	2.76E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Iodine-131	3.97E+00	4.39E+00	8.23E+00	1.50E+01	4.76E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Iodine-131	-8.21E-01	4.22E+00	7.62E+00	1.50E+01	4.24E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Iodine-131	-2.34E-01	2.39E+00	4.36E+00	1.50E+01	2.40E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Iridium-192	1.71E-01	3.49E+00	6.08E+00		3.49E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Iridium-192	5.07E-01	1.76E+00	2.10E+00		1.78E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Iridium-192	-1.09E+00	2.34E+00	4.07E+00		2.39E+00	pCi/L	U

GW-4(591661004) - Groundwater	31-Aug-22	Iridium-192	9.90E-01	2.24E+00	4.28E+00		2.29E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Iridium-192	2.88E-01	1.59E+00	2.97E+00		1.60E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Iron-59	2.68E-01	1.20E+00	3.90E+00	3.00E+01	1.20E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Iron-59	4.82E-01	2.92E+00	5.40E+00	3.00E+01	2.93E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Iron-59	1.58E+00	7.44E+00	1.51E+01	3.00E+01	7.48E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Iron-59	-1.63E+00	6.15E+00	1.12E+01	3.00E+01	6.20E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Iron-59	-2.20E+00	4.24E+00	7.60E+00	3.00E+01	4.36E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Iron-59	1.71E+00	3.40E+00	6.33E+00	3.00E+01	3.49E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Lanthanum-140	-1.30E+00	1.29E+00	4.07E+00	1.50E+01	1.33E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Lanthanum-140	9.32E+00	1.81E+01	4.12E+01	1.50E+01	1.86E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Lanthanum-140	-2.79E-01	2.83E+00	5.28E+00	1.50E+01	2.83E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Lanthanum-140	2.38E+00	4.21E+00	9.64E+00	1.50E+01	4.35E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Lanthanum-140	-9.88E-01	3.83E+00	7.21E+00	1.50E+01	3.85E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Lanthanum-140	2.23E-03	2.29E+00	4.46E+00	1.50E+01	2.29E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Lead-210	1.47E+01	5.07E+01	3.00E+01		5.07E+01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Lead-210	4.21E+02	8.20E+02	1.53E+03		8.43E+02	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Lead-210	2.97E+01	7.56E+02	1.27E+03		7.56E+02	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Lead-210	-1.62E+02	1.68E+02	2.66E+02		1.84E+02	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Lead-210	2.64E+02	4.62E+02	8.52E+02		4.79E+02	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Lead-212	3.11E-01	3.98E+00	3.25E+00		3.98E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Lead-212	6.06E-01	9.64E+00	1.10E+01		9.64E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Lead-212	2.88E+00	9.27E+00	1.10E+01		9.36E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Lead-212	3.38E+00	5.45E+00	7.87E+00		5.67E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Lead-212	-3.31E+00	4.67E+00	6.76E+00		4.91E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Lead-214	4.52E+00	6.36E+00	1.18E+01		6.69E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Lead-214	6.25E+00	6.07E+00	6.25E+00		6.13E+00	pCi/L	UIU
GW-4(585828001) - Groundwater	12-Jul-22	Lead-214	1.43E+01	1.03E+01	1.56E+01		1.22E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Lead-214	1.22E+01	8.18E+00	7.88E+00		8.24E+00	pCi/L	
GW-4(603322004) - Groundwater	7-Dec-22	Lead-214	2.27E+01	8.18E+00	7.02E+00		8.39E+00	pCi/L	
GW-4(573673004) - Ground Water	16-Mar-22	Manganese-54	-6.20E-01	4.84E-01	1.52E+00	1.50E+01	5.06E-01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Manganese-54	-4.52E-01	1.34E+00	2.42E+00	1.50E+01	1.36E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Manganese-54	7.46E-01	2.39E+00	4.91E+00	1.50E+01	2.42E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Manganese-54	8.65E-01	3.11E+00	5.81E+00	1.50E+01	3.13E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Manganese-54	2.02E+00	1.87E+00	4.30E+00	1.50E+01	2.09E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Manganese-54	-5.91E-01	1.68E+00	2.87E+00	1.50E+01	1.70E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Mercury-203	1.35E+00	3.96E+00	7.45E+00		4.01E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Mercury-203	-8.67E-01	1.78E+00	2.19E+00		1.82E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Mercury-203	1.65E+00	2.67E+00	5.18E+00		2.78E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Mercury-203	1.31E+00	2.24E+00	4.34E+00		2.32E+00	pCi/L	U

GW-4(603322004) - Groundwater	7-Dec-22	Mercury-203	4.41E-02	1.67E+00	3.07E+00		1.67E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Neodymium-147	-7.68E+01	1.62E+02	2.93E+02		1.66E+02	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Neodymium-147	-1.00E+00	1.56E+01	2.74E+01		1.56E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Neodymium-147	-5.96E+00	2.56E+01	4.80E+01		2.57E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Neodymium-147	-1.43E+01	2.50E+01	4.20E+01		2.58E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Neodymium-147	1.47E+01	1.39E+01	2.80E+01		1.54E+01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Neptunium-239	3.49E+00	2.32E+01	4.37E+01		2.32E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Neptunium-239	-7.45E+00	8.11E+00	1.36E+01		8.79E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Neptunium-239	4.42E+00	2.33E+01	4.43E+01		2.34E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Neptunium-239	8.22E+00	1.94E+01	3.40E+01		1.97E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Neptunium-239	-1.33E+01	1.67E+01	2.70E+01		1.78E+01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Niobium-94	4.88E-01	2.39E+00	4.72E+00		2.40E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Niobium-94	-3.99E-01	1.31E+00	2.21E+00		1.32E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Niobium-94	-1.32E+00	2.44E+00	3.68E+00		2.51E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Niobium-94	2.18E+00	2.13E+00	4.59E+00		2.35E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Niobium-94	6.90E-01	1.42E+00	2.72E+00		1.45E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Niobium-95	-1.49E-01	5.29E-01	1.74E+00	1.50E+01	5.30E-01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Niobium-95	7.52E-01	1.64E+00	2.92E+00	1.50E+01	1.68E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Niobium-95	2.57E+00	3.67E+00	7.66E+00	1.50E+01	3.85E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Niobium-95	-8.61E-01	2.51E+00	4.62E+00	1.50E+01	2.54E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Niobium-95	-4.66E-01	2.26E+00	4.30E+00	1.50E+01	2.27E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Niobium-95	3.07E-01	1.91E+00	3.45E+00	1.50E+01	1.91E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Potassium-40	-8.78E+00	1.15E+01	2.48E+01		1.17E+01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Potassium-40	8.96E+00	3.34E+01	8.96E+00		3.38E+01	pCi/L	UIU
GW-4(582500004) - Groundwater	8-Jun-22	Potassium-40	2.84E+01	3.83E+01	2.84E+01		3.85E+01	pCi/L	UIU
GW-4(585828001) - Groundwater	12-Jul-22	Potassium-40	-4.06E+01	3.16E+01	5.89E+01		3.68E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Potassium-40	1.04E+01	3.07E+01	3.06E+01		3.07E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Potassium-40	3.05E+01	2.49E+01	2.29E+01		2.51E+01	pCi/L	
GW-4(582500004) - Groundwater	8-Jun-22	Promethium-144	7.88E-02	1.26E+00	2.20E+00		1.26E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Promethium-144	8.42E-01	2.40E+00	4.87E+00		2.43E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Promethium-144	7.03E-01	2.55E+00	5.08E+00		2.57E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Promethium-144	-3.63E+00	4.04E+00	3.43E+00		4.37E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Promethium-144	-6.85E-01	1.65E+00	2.83E+00		1.68E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Promethium-146	-5.46E-01	1.54E+00	2.69E+00		1.56E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Promethium-146	-2.49E+00	3.52E+00	4.87E+00		3.71E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Promethium-146	-5.40E-02	2.92E+00	5.37E+00		2.92E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Promethium-146	-3.40E-01	1.89E+00	3.51E+00		1.90E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Promethium-146	-5.73E-02	1.82E+00	3.34E+00		1.82E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Radium-228	-8.92E-01	1.32E+01	2.53E+01		1.32E+01	pCi/L	U

GW-4(582500004) - Groundwater	8-Jun-22	Radium-228	-1.59E+01	1.22E+01	1.19E+01		1.42E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Radium-228	1.61E+01	1.76E+01	2.41E+01		1.91E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Radium-228	-4.84E-01	9.15E+00	1.68E+01		9.15E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Radium-228	8.35E-01	7.73E+00	1.42E+01		7.74E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Ruthenium-103	-1.26E+00	6.95E-01	1.81E+00		7.55E-01	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Ruthenium-106	2.44E+00	4.13E+00	1.42E+01		4.17E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Ruthenium-106	-5.36E+00	2.51E+01	4.69E+01		2.52E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Ruthenium-106	-3.04E+00	1.22E+01	2.09E+01		1.22E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Ruthenium-106	-1.77E+01	2.05E+01	3.50E+01		2.21E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Ruthenium-106	2.01E+01	1.91E+01	4.05E+01		2.12E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Ruthenium-106	-2.71E+00	1.31E+01	2.34E+01		1.32E+01	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Selenium-75	5.70E-01	6.99E-01	2.35E+00		7.12E-01	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Silver-108m	-3.36E-01	4.53E-01	1.42E+00		4.60E-01	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Silver-110m	8.27E-01	6.80E-01	2.34E+00		7.08E-01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Silver-110m	3.06E-01	1.72E+00	3.23E+00		1.72E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Silver-110m	-1.55E+00	4.00E+00	7.18E+00		4.07E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Silver-110m	1.74E+00	3.60E+00	7.49E+00		3.68E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Silver-110m	5.74E-01	2.44E+00	5.11E+00		2.45E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Silver-110m	9.15E-01	2.20E+00	3.86E+00		2.24E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Sodium-22	1.34E+00	1.56E+00	3.05E+00		1.68E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Sodium-22	7.68E-01	2.71E+00	5.80E+00		2.73E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Sodium-22	9.32E-01	2.58E+00	5.72E+00		2.62E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Sodium-22	1.58E+00	1.65E+00	4.19E+00		1.80E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Sodium-22	7.06E-01	1.73E+00	3.51E+00		1.76E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Thallium-208	-1.24E+00	3.39E+00	6.10E+00		3.43E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Thallium-208	2.12E+00	2.95E+00	2.17E+00		2.95E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Thallium-208	2.63E+00	3.91E+00	5.75E+00		3.92E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Thallium-208	-3.05E-01	2.51E+00	4.55E+00		2.51E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Thallium-208	1.25E+00	3.04E+00	2.77E+00		3.04E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Thorium-228	1.34E-01	2.28E+00	3.11E+00		2.28E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Thorium-234	8.48E+00	2.68E+02	3.91E+02		2.68E+02	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Thorium-234	-7.38E+00	3.56E+01	4.74E+01		3.58E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Thorium-234	4.24E+01	2.48E+02	2.82E+02		2.48E+02	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Thorium-234	-4.46E+01	1.05E+02	1.80E+02		1.07E+02	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Thorium-234	2.26E+00	2.01E+02	2.61E+02		2.01E+02	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Tin-113	5.68E-01	1.56E+00	2.85E+00		1.58E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Tin-113	-2.24E+00	3.73E+00	6.24E+00		3.87E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Tin-113	-4.01E-01	3.38E+00	6.06E+00		3.38E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Tin-113	2.62E+00	2.37E+00	5.03E+00		2.66E+00	pCi/L	U

GW-4(603322004) - Groundwater	7-Dec-22	Tin-113	4.12E-01	1.97E+00	3.67E+00		1.98E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Tritium	1.14E+01	9.47E+01	3.07E+02	5.00E+02	9.47E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Tritium	4.31E+01	2.02E+02	3.90E+02	5.00E+02	2.02E+02	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Tritium	4.61E+01	1.83E+02	3.54E+02	5.00E+02	1.83E+02	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Tritium	-2.13E+02	2.08E+02	3.95E+02	5.00E+02	2.08E+02	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Tritium	9.05E+01	2.07E+02	3.62E+02	5.00E+02	2.08E+02	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Uranium-235	6.58E+00	2.18E+01	3.14E+01		2.18E+01	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Uranium-235	1.20E+01	1.24E+01	1.20E+01		1.36E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Uranium-235	4.15E+00	2.15E+01	3.51E+01		2.15E+01	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Uranium-235	-1.24E+01	1.47E+01	2.24E+01		1.58E+01	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Uranium-235	-1.29E+00	1.52E+01	2.22E+01		1.53E+01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Uranium-238	8.48E+00	2.68E+02	3.91E+02		2.68E+02	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Uranium-238	-7.38E+00	3.56E+01	4.74E+01		3.58E+01	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Uranium-238	4.24E+01	2.48E+02	2.82E+02		2.48E+02	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Uranium-238	-4.46E+01	1.05E+02	1.80E+02		1.07E+02	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Uranium-238	2.26E+00	2.01E+02	2.61E+02		2.01E+02	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Yttrium-88	2.18E-01	2.96E+00	6.45E+00		2.97E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Yttrium-88	-1.86E+00	1.94E+00	2.58E+00		2.12E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Yttrium-88	-5.38E-01	3.44E+00	6.71E+00		3.45E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Yttrium-88	-4.82E-01	2.28E+00	4.64E+00		2.29E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Yttrium-88	-7.46E-01	1.72E+00	3.04E+00		1.75E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Zinc-65	-1.50E+00	1.14E+00	2.89E+00	3.00E+01	1.20E+00	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Zinc-65	-1.09E+00	5.74E+00	9.31E+00	3.00E+01	5.76E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Zinc-65	-5.34E+00	4.88E+00	5.12E+00	3.00E+01	5.46E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Zinc-65	1.24E+00	6.24E+00	1.23E+01	3.00E+01	6.27E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Zinc-65	1.09E+00	3.98E+00	8.41E+00	3.00E+01	4.01E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Zinc-65	-2.78E-01	3.14E+00	5.34E+00	3.00E+01	3.14E+00	pCi/L	U
GW-4(573673004) - Ground Water	16-Mar-22	Zirconium-95	3.19E-01	9.30E-01	3.13E+00	1.50E+01	9.33E-01	pCi/L	U
GW-4(585574001) - Groundwater	8-Jun-22	Zirconium-95	-5.96E-01	5.55E+00	1.07E+01	1.50E+01	5.56E+00	pCi/L	U
GW-4(582500004) - Groundwater	8-Jun-22	Zirconium-95	5.94E-01	2.55E+00	4.51E+00	1.50E+01	2.56E+00	pCi/L	U
GW-4(585828001) - Groundwater	12-Jul-22	Zirconium-95	-4.59E+00	5.14E+00	6.86E+00	1.50E+01	5.56E+00	pCi/L	U
GW-4(591661004) - Groundwater	31-Aug-22	Zirconium-95	1.53E+00	3.89E+00	8.06E+00	1.50E+01	3.95E+00	pCi/L	U
GW-4(603322004) - Groundwater	7-Dec-22	Zirconium-95	7.47E-01	2.64E+00	5.00E+00	1.50E+01	2.66E+00	pCi/L	U

GW-4 QC
Ground Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
GW-4 QC(573673005) - Ground Water	16-Mar-22	Actinium-228	3.72E+00	3.57E+00	5.82E+00		3.58E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Actinium-228	4.14E+00	9.06E+00	6.29E+00		9.07E+00	pCi/L	U

GW-4 QC(603322005) - Groundwater	7-Dec-22	Actinium-228	8.37E+00	2.43E+01	2.36E+01		2.46E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Actinium-228	1.19E-01	9.73E+00	1.64E+01		9.73E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Americium-241	1.65E+00	1.11E+01	1.71E+01		1.11E+01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Americium-241	-4.26E-01	3.24E+00	6.08E+00		3.25E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Americium-241	5.77E-01	1.00E+01	1.84E+01		1.00E+01	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Antimony-124	-7.91E-01	1.51E+00	4.76E+00		1.52E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Antimony-124	-1.08E+00	2.67E+00	4.70E+00		2.72E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Antimony-124	1.31E+00	5.35E+00	1.16E+01		5.38E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Antimony-124	7.83E-01	5.12E+00	1.07E+01		5.13E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Antimony-125	-1.00E+00	1.37E+00	4.36E+00		1.39E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Antimony-125	2.79E+00	2.74E+00	4.95E+00		3.02E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Antimony-125	-9.54E-01	6.13E+00	1.12E+01		6.15E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Antimony-125	-1.32E+00	4.76E+00	8.81E+00		4.80E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Barium-133	-1.28E+00	1.44E+00	2.06E+00		1.55E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Barium-133	-6.74E-01	2.74E+00	4.53E+00		2.76E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Barium-133	1.48E+00	2.26E+00	4.33E+00		2.36E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Barium-140	4.75E+00	3.23E+00	1.09E+01	1.50E+01	3.41E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Barium-140	-3.84E+00	5.78E+00	1.01E+01	1.50E+01	6.05E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Barium-140	-2.12E+00	1.01E+01	1.83E+01	1.50E+01	1.02E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Barium-140	-2.27E+00	8.54E+00	1.59E+01	1.50E+01	8.61E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Beryllium-7	2.27E+00	4.29E+00	1.41E+01		4.32E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Beryllium-7	2.24E+00	9.25E+00	1.60E+01		9.31E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Beryllium-7	-2.78E+00	2.14E+01	3.49E+01		2.14E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Beryllium-7	4.05E+00	1.78E+01	3.45E+01		1.79E+01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Bismuth-212	-2.12E+01	2.46E+01	2.60E+01		2.64E+01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Bismuth-212	2.72E+01	3.12E+01	6.41E+01		3.36E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Bismuth-212	7.98E+00	3.27E+01	6.22E+01		3.29E+01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Bismuth-214	3.33E+00	5.08E+00	3.33E+00		5.11E+00	pCi/L	UIU
GW-4 QC(603322005) - Groundwater	7-Dec-22	Bismuth-214	3.37E+01	1.27E+01	8.68E+00		1.31E+01	pCi/L	
GW-4QC(591661005) - Groundwater	31-Aug-22	Bismuth-214	1.67E+01	9.97E+00	6.71E+00		1.01E+01	pCi/L	
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cerium-139	-2.37E-02	1.12E+00	1.77E+00		1.12E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cerium-139	-1.35E+00	1.70E+00	2.85E+00		1.83E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cerium-139	-1.00E-01	1.78E+00	3.11E+00		1.78E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Cerium-141	-9.49E-01	9.16E-01	3.04E+00		9.43E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cerium-141	-2.17E-01	2.06E+00	3.27E+00		2.06E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cerium-141	4.85E+00	5.74E+00	4.85E+00		5.75E+00	pCi/L	UI
GW-4QC(591661005) - Groundwater	31-Aug-22	Cerium-141	9.01E-01	5.90E+00	5.46E+00		5.90E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Cerium-144	3.68E+00	3.14E+00	1.08E+01		3.25E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cerium-144	8.10E-01	7.02E+00	1.25E+01		7.03E+00	pCi/L	U

GW-4 QC(603322005) - Groundwater	7-Dec-22	Cerium-144	5.86E+00	1.03E+01	1.92E+01		1.06E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cerium-144	7.03E+00	1.25E+01	2.33E+01		1.29E+01	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Cesium-134	2.37E-01	4.98E-01	1.71E+00	1.50E+01	5.01E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cesium-134	4.33E-02	1.07E+00	1.92E+00	1.50E+01	1.07E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cesium-134	7.56E-01	2.75E+00	5.18E+00	1.50E+01	2.77E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cesium-134	9.34E-01	2.31E+00	4.58E+00	1.50E+01	2.35E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cesium-136	-6.21E-02	2.35E+00	4.14E+00		2.36E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cesium-136	3.38E-01	4.24E+00	7.38E+00		4.24E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cesium-136	-4.36E-01	4.38E+00	8.56E+00		4.38E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Cesium-137	-8.22E-01	1.11E+00	2.49E+00	1.80E+01	1.13E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cesium-137	9.79E-01	1.09E+00	2.05E+00	1.80E+01	1.17E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cesium-137	1.68E+00	2.78E+00	5.24E+00	1.80E+01	2.88E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cesium-137	2.03E+00	1.99E+00	3.54E+00	1.80E+01	1.99E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Chromium-51	-9.68E+00	8.24E+00	1.72E+01		8.54E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Chromium-51	5.84E+00	1.08E+01	1.91E+01		1.12E+01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Chromium-51	3.32E+00	1.92E+01	3.33E+01		1.92E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Chromium-51	-7.06E+00	1.70E+01	3.12E+01		1.73E+01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cobalt-56	1.01E+00	1.08E+00	2.04E+00		1.18E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cobalt-56	1.20E+00	2.47E+00	4.64E+00		2.53E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cobalt-56	-6.00E-01	2.31E+00	4.10E+00		2.32E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Cobalt-57	4.44E-01	4.19E-01	1.45E+00		4.32E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cobalt-57	1.46E-01	8.83E-01	1.59E+00		8.85E-01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cobalt-57	1.17E+00	1.24E+00	2.39E+00		1.35E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cobalt-57	-1.30E+00	1.73E+00	2.87E+00		1.83E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Cobalt-58	-6.65E-02	5.34E-01	1.80E+00	1.50E+01	5.34E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cobalt-58	-1.84E-01	1.02E+00	1.80E+00	1.50E+01	1.03E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cobalt-58	6.37E-01	2.41E+00	4.81E+00	1.50E+01	2.42E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cobalt-58	-9.59E-02	1.76E+00	3.35E+00	1.50E+01	1.76E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Cobalt-60	-5.53E-02	5.02E-01	1.64E+00	1.50E+01	5.02E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Cobalt-60	3.01E-01	1.02E+00	1.94E+00	1.50E+01	1.03E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Cobalt-60	-1.53E+00	2.59E+00	4.41E+00	1.50E+01	2.68E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Cobalt-60	2.04E-01	2.14E+00	4.39E+00	1.50E+01	2.14E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Europium-152	6.01E-01	3.15E+00	5.45E+00		3.16E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Europium-152	4.85E+00	6.37E+00	1.26E+01		6.75E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Europium-152	6.21E+00	9.41E+00	1.17E+01		9.84E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Europium-154	-2.21E+00	2.87E+00	4.97E+00		3.04E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Europium-154	1.07E+01	7.38E+00	1.54E+01		8.86E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Europium-154	-9.15E-01	4.78E+00	9.60E+00		4.80E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Europium-155	-1.89E-01	3.93E+00	7.06E+00		3.94E+00	pCi/L	U

GW-4 QC(603322005) - Groundwater	7-Dec-22	Europium-155	9.58E-01	4.96E+00	9.17E+00		4.98E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Europium-155	3.94E+00	6.65E+00	1.25E+01		6.89E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Iodine-131	-1.73E-01	1.36E+00	4.41E+00	1.50E+01	1.36E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Iodine-131	-4.58E-01	2.43E+00	4.12E+00	1.50E+01	2.43E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Iodine-131	-3.12E+00	3.09E+00	5.30E+00	1.50E+01	3.41E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Iodine-131	-2.98E+00	3.44E+00	5.92E+00	1.50E+01	3.70E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Iridium-192	-4.92E-01	1.10E+00	1.85E+00		1.12E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Iridium-192	-8.97E-01	2.08E+00	3.09E+00		2.12E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Iridium-192	9.69E-01	1.85E+00	3.71E+00		1.90E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Iron-59	-3.63E-01	1.16E+00	3.32E+00	3.00E+01	1.16E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Iron-59	7.90E-01	2.21E+00	4.01E+00	3.00E+01	2.24E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Iron-59	1.26E+00	4.67E+00	9.38E+00	3.00E+01	4.70E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Iron-59	-1.60E+00	4.49E+00	8.12E+00	3.00E+01	4.55E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Lanthanum-140	1.13E-01	1.23E+00	4.01E+00	1.50E+01	1.23E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Lanthanum-140	4.69E-01	2.03E+00	3.81E+00	1.50E+01	2.04E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Lanthanum-140	2.81E+00	3.17E+00	7.32E+00	1.50E+01	3.42E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Lanthanum-140	-1.57E+00	2.96E+00	5.31E+00	1.50E+01	3.05E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Lead-210	-2.50E+02	5.97E+02	6.49E+02		6.09E+02	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Lead-210	-6.07E+01	5.45E+01	8.84E+01		6.12E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Lead-210	-2.92E+02	3.69E+02	6.05E+02		3.93E+02	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Lead-212	3.86E+00	5.37E+00	4.18E+00		5.66E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Lead-212	4.66E+00	6.15E+00	5.58E+00		6.16E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Lead-212	1.41E+00	5.24E+00	9.45E+00		5.28E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Lead-214	5.45E+00	5.99E+00	5.45E+00		8.18E+00	pCi/L	UIU
GW-4 QC(603322005) - Groundwater	7-Dec-22	Lead-214	3.67E+01	1.10E+01	8.12E+00		1.14E+01	pCi/L	
GW-4QC(591661005) - Groundwater	31-Aug-22	Lead-214	1.10E+01	9.11E+00	1.10E+01		1.12E+01	pCi/L	UIU
GW-4 QC(573673005) - Ground Water	16-Mar-22	Manganese-54	-1.24E+00	8.55E-01	1.64E+00	1.50E+01	9.02E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Manganese-54	-1.59E-01	1.07E+00	1.88E+00	1.50E+01	1.07E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Manganese-54	-1.14E+00	2.29E+00	4.18E+00	1.50E+01	2.35E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Manganese-54	7.41E-01	1.60E+00	3.37E+00	1.50E+01	1.63E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Mercury-203	5.38E-01	1.16E+00	2.04E+00		1.18E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Mercury-203	1.21E+00	2.29E+00	3.83E+00		2.36E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Mercury-203	-5.19E-01	1.87E+00	3.50E+00		1.88E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Neodymium-147	-1.25E+00	1.21E+01	2.19E+01		1.22E+01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Neodymium-147	-3.68E+00	1.92E+01	3.50E+01		1.93E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Neodymium-147	-4.82E+00	1.82E+01	3.37E+01		1.83E+01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Neptunium-239	8.24E+00	1.06E+01	1.77E+01		1.13E+01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Neptunium-239	1.29E+00	1.43E+01	2.61E+01		1.43E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Neptunium-239	-1.41E+01	1.76E+01	2.90E+01		1.87E+01	pCi/L	U

GW-4 QC(582500005) - Groundwater	8-Jun-22	Niobium-94	-5.40E-01	9.49E-01	1.64E+00		9.81E-01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Niobium-94	1.33E+00	2.24E+00	4.38E+00		2.32E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Niobium-94	1.85E+00	2.12E+00	4.34E+00		2.28E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Niobium-95	6.98E-01	4.95E-01	1.75E+00	1.50E+01	5.21E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Niobium-95	1.08E+00	2.33E+00	1.82E+00	1.50E+01	2.33E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Niobium-95	1.60E+00	2.51E+00	4.92E+00	1.50E+01	2.61E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Niobium-95	9.07E-01	2.34E+00	4.57E+00	1.50E+01	2.38E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Potassium-40	2.73E-01	1.04E+01	2.27E+01		1.04E+01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Potassium-40	9.18E+00	2.43E+01	1.86E+01		2.43E+01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Potassium-40	-1.93E+01	4.04E+01	6.60E+01		4.14E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Potassium-40	-2.37E+01	2.79E+01	5.48E+01		3.00E+01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Promethium-144	-1.27E+00	9.98E-01	1.65E+00		1.16E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Promethium-144	1.42E+00	2.44E+00	4.71E+00		2.52E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Promethium-144	-2.56E-01	1.82E+00	3.36E+00		1.82E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Promethium-146	7.28E-01	1.42E+00	2.47E+00		1.46E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Promethium-146	2.13E+00	3.00E+00	5.89E+00		3.16E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Promethium-146	7.21E-01	2.48E+00	4.84E+00		2.50E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Radium-228	4.14E+00	9.06E+00	6.29E+00		9.07E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Radium-228	8.37E+00	2.43E+01	2.36E+01		2.46E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Radium-228	1.19E-01	9.73E+00	1.64E+01		9.73E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Ruthenium-103	4.85E-01	6.33E-01	1.87E+00		6.43E-01	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Ruthenium-106	2.61E+00	4.36E+00	1.42E+01		4.40E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Ruthenium-106	2.11E+00	8.85E+00	1.62E+01		8.91E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Ruthenium-106	1.64E+01	2.27E+01	4.46E+01		2.39E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Ruthenium-106	7.34E+00	1.49E+01	3.10E+01		1.53E+01	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Selenium-75	3.76E-01	6.69E-01	2.24E+00		6.75E-01	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Silver-108m	-3.45E-01	4.11E-01	1.30E+00		4.19E-01	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Silver-110m	-6.57E-01	6.01E-01	1.93E+00		6.20E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Silver-110m	-1.78E+00	1.35E+00	2.16E+00		1.58E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Silver-110m	-7.57E-02	3.07E+00	5.96E+00		3.07E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Silver-110m	2.61E-01	2.24E+00	4.08E+00		2.25E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Sodium-22	-8.70E-01	1.02E+00	1.75E+00		1.10E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Sodium-22	3.77E+00	2.59E+00	4.44E+00		2.61E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Sodium-22	-2.22E-01	1.71E+00	3.48E+00		1.71E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Thallium-208	1.86E+00	2.46E+00	1.86E+00		2.46E+00	pCi/L	UIU
GW-4 QC(603322005) - Groundwater	7-Dec-22	Thallium-208	-1.60E+00	3.21E+00	5.00E+00		3.29E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Thallium-208	3.01E+00	3.88E+00	3.01E+00		3.88E+00	pCi/L	UIU
GW-4 QC(573673005) - Ground Water	16-Mar-22	Thorium-228	-5.02E-01	1.62E+00	3.55E+00		1.63E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Thorium-234	1.25E+02	1.54E+02	1.25E+02		1.57E+02	pCi/L	UIU

GW-4 QC(603322005) - Groundwater	7-Dec-22	Thorium-234	1.19E+01	4.74E+01	8.69E+01		4.78E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Thorium-234	-5.57E+01	1.08E+02	1.90E+02		1.11E+02	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Tin-113	-5.49E-01	1.37E+00	2.30E+00		1.40E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Tin-113	1.49E+00	2.71E+00	5.29E+00		2.79E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Tin-113	-1.18E+00	2.04E+00	3.66E+00		2.11E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Tritium	3.68E+01	9.60E+01	3.02E+02	5.00E+02	9.61E+01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Tritium	-6.78E+01	1.83E+02	4.01E+02	5.00E+02	1.83E+02	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Tritium	2.58E+02	2.19E+02	3.60E+02	5.00E+02	2.25E+02	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Tritium	5.95E+00	2.16E+02	3.84E+02	5.00E+02	2.16E+02	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Uranium-235	5.35E+00	1.32E+01	1.35E+01		1.35E+01	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Uranium-235	1.89E+01	2.26E+01	1.89E+01		2.26E+01	pCi/L	UI
GW-4QC(591661005) - Groundwater	31-Aug-22	Uranium-235	3.28E+00	2.15E+01	2.37E+01		2.16E+01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Uranium-238	1.25E+02	1.54E+02	1.25E+02		1.57E+02	pCi/L	UIU
GW-4 QC(603322005) - Groundwater	7-Dec-22	Uranium-238	1.19E+01	4.74E+01	8.69E+01		4.78E+01	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Uranium-238	-5.57E+01	1.08E+02	1.90E+02		1.11E+02	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Yttrium-88	-4.24E-01	1.17E+00	2.06E+00		1.19E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Yttrium-88	1.50E+00	2.78E+00	6.22E+00		2.86E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Yttrium-88	-3.04E-01	2.09E+00	4.16E+00		2.09E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Zinc-65	-1.06E+00	1.02E+00	3.23E+00	3.00E+01	1.05E+00	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Zinc-65	-1.50E-01	2.52E+00	3.83E+00	3.00E+01	2.52E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Zinc-65	-3.44E-01	6.23E+00	1.03E+01	3.00E+01	6.23E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Zinc-65	5.45E-01	4.34E+00	8.83E+00	3.00E+01	4.35E+00	pCi/L	U
GW-4 QC(573673005) - Ground Water	16-Mar-22	Zirconium-95	1.96E-01	8.49E-01	2.90E+00	1.50E+01	8.50E-01	pCi/L	U
GW-4 QC(582500005) - Groundwater	8-Jun-22	Zirconium-95	1.68E+00	2.89E+00	3.21E+00	1.50E+01	2.99E+00	pCi/L	U
GW-4 QC(603322005) - Groundwater	7-Dec-22	Zirconium-95	6.47E-01	4.76E+00	8.73E+00	1.50E+01	4.77E+00	pCi/L	U
GW-4QC(591661005) - Groundwater	31-Aug-22	Zirconium-95	1.24E+00	3.17E+00	6.52E+00	1.50E+01	3.22E+00	pCi/L	U

M-8

Milk

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
M-8(567731001) - Milk	13-Jan-22	Actinium-228	-7.63E+00	4.88E+00	1.24E+01		5.20E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Actinium-228	-6.46E+00	3.92E+00	9.97E+00		4.20E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Actinium-228	-6.13E+00	5.72E+00	1.40E+01		5.90E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Actinium-228	6.65E+00	5.18E+00	1.04E+01		5.41E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Actinium-228	-4.57E+00	4.99E+00	1.10E+01		5.10E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Actinium-228	8.14E+00	3.33E+00	1.18E+01		3.83E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Actinium-228	1.51E+00	3.15E+00	7.18E+00		3.17E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Actinium-228	-6.50E+00	4.48E+00	1.21E+01		4.74E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Actinium-228	-2.62E+00	3.94E+00	9.17E+00		3.98E+00	pCi/L	U

M-8(587735001) - Milk	28-Jul-22	Actinium-228	1.91E+00	5.21E+00	6.38E+00		5.21E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Actinium-228	2.88E+00	4.44E+00	7.75E+00		4.49E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Actinium-228	-1.90E+00	3.68E+00	9.24E+00		3.71E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Actinium-228	-4.03E+00	3.19E+00	7.55E+00		3.33E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Actinium-228	4.50E+00	5.71E+00	1.13E+01		5.80E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Actinium-228	-6.25E+00	4.39E+00	9.41E+00		4.63E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Actinium-228	-2.67E+00	3.41E+00	8.90E+00		3.46E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Actinium-228	2.94E+00	5.70E+00	1.04E+01		5.74E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Actinium-228	2.89E-01	4.39E+00	1.07E+01		4.39E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Antimony-124	1.82E+00	1.75E+00	6.16E+00		1.80E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Antimony-124	2.28E+00	1.63E+00	6.02E+00		1.72E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Antimony-124	-3.92E-02	2.25E+00	6.33E+00		2.25E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Antimony-124	6.90E-01	1.18E+00	4.01E+00		1.19E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Antimony-124	-1.96E+00	1.72E+00	5.25E+00		1.78E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Antimony-124	-1.02E+00	1.52E+00	4.79E+00		1.54E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Antimony-124	2.10E+00	1.04E+00	3.88E+00		1.15E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Antimony-124	-3.60E+00	2.01E+00	5.52E+00		2.18E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Antimony-124	-8.77E-01	1.25E+00	3.87E+00		1.27E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Antimony-124	1.16E+00	1.06E+00	3.71E+00		1.09E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Antimony-124	-3.46E-01	1.02E+00	3.34E+00		1.02E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Antimony-124	7.66E-01	1.18E+00	3.77E+00		1.19E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Antimony-124	-3.96E-01	1.03E+00	3.25E+00		1.03E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Antimony-124	3.94E-01	1.40E+00	4.70E+00		1.41E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Antimony-124	-5.21E-01	1.47E+00	4.60E+00		1.47E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Antimony-124	-2.81E-01	1.06E+00	3.43E+00		1.07E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Antimony-124	-2.40E-01	1.25E+00	4.04E+00		1.25E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Antimony-124	6.12E-01	1.68E+00	5.67E+00		1.69E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Antimony-125	-7.41E-01	2.09E+00	6.69E+00		2.10E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Antimony-125	3.89E+00	1.73E+00	6.38E+00		1.96E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Antimony-125	-9.00E-01	2.08E+00	6.68E+00		2.09E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Antimony-125	-6.63E-01	1.66E+00	5.42E+00		1.67E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Antimony-125	7.58E-01	1.96E+00	6.40E+00		1.97E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Antimony-125	-1.50E+00	1.93E+00	6.05E+00		1.96E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Antimony-125	6.34E-01	1.19E+00	4.12E+00		1.20E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Antimony-125	2.16E+00	2.14E+00	7.30E+00		2.20E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Antimony-125	-1.56E+00	1.59E+00	5.21E+00		1.63E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Antimony-125	2.82E+00	1.35E+00	4.76E+00		1.50E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Antimony-125	-4.96E-01	1.20E+00	3.96E+00		1.20E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Antimony-125	2.65E-01	1.51E+00	5.07E+00		1.51E+00	pCi/L	U

M-8(592476002) - Milk	8-Sep-22	Antimony-125	1.46E+00	2.10E+00	4.50E+00		2.13E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Antimony-125	8.07E-01	1.63E+00	5.56E+00		1.64E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Antimony-125	-1.52E+00	1.59E+00	5.16E+00		1.63E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Antimony-125	-7.30E-01	1.43E+00	4.75E+00		1.44E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Antimony-125	1.03E+00	1.78E+00	5.79E+00		1.80E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Antimony-125	-1.27E+00	1.86E+00	6.14E+00		1.88E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Barium-140	1.10E+00	4.07E+00	1.32E+01	1.50E+01	4.07E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Barium-140	9.53E-01	3.15E+00	1.07E+01	1.50E+01	3.16E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Barium-140	-7.73E-01	3.54E+00	1.13E+01	1.50E+01	3.55E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Barium-140	4.32E-01	2.27E+00	7.45E+00	1.50E+01	2.27E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Barium-140	4.48E+00	3.02E+00	1.07E+01	1.50E+01	3.19E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Barium-140	2.11E+00	3.03E+00	1.05E+01	1.50E+01	3.07E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Barium-140	1.22E+00	2.14E+00	7.30E+00	1.50E+01	2.16E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Barium-140	9.59E+00	6.85E+00	1.27E+01	1.50E+01	7.20E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Barium-140	4.35E+00	2.78E+00	9.71E+00	1.50E+01	2.96E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Barium-140	3.55E+00	2.81E+00	9.64E+00	1.50E+01	2.93E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Barium-140	1.35E+00	2.03E+00	6.79E+00	1.50E+01	2.06E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Barium-140	2.84E+00	2.41E+00	8.30E+00	1.50E+01	2.50E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Barium-140	-2.85E+00	2.31E+00	7.23E+00	1.50E+01	2.40E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Barium-140	3.23E+00	3.19E+00	1.10E+01	1.50E+01	3.28E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Barium-140	2.24E+00	2.49E+00	8.50E+00	1.50E+01	2.55E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Barium-140	6.64E-01	2.60E+00	8.78E+00	1.50E+01	2.61E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Barium-140	8.41E+00	3.45E+00	9.11E+00	1.50E+01	3.47E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Barium-140	-2.14E+00	3.51E+00	1.14E+01	1.50E+01	3.55E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Beryllium-7	4.17E+00	6.99E+00	2.31E+01		7.05E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Beryllium-7	2.27E+00	6.06E+00	1.88E+01		6.08E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Beryllium-7	6.14E+00	7.08E+00	2.37E+01		7.23E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Beryllium-7	-7.76E-01	4.98E+00	1.63E+01		4.99E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Beryllium-7	-9.07E+00	6.19E+00	1.86E+01		6.54E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Beryllium-7	-5.25E+00	6.38E+00	1.97E+01		6.49E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Beryllium-7	1.01E+00	3.68E+00	1.26E+01		3.69E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Beryllium-7	-1.08E+00	6.37E+00	2.07E+01		6.37E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Beryllium-7	-5.43E-01	5.03E+00	1.68E+01		5.03E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Beryllium-7	1.80E+00	5.07E+00	1.54E+01		5.09E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Beryllium-7	1.22E+01	3.63E+00	1.31E+01		4.62E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Beryllium-7	6.69E-01	4.54E+00	1.52E+01		4.54E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Beryllium-7	2.02E+00	4.05E+00	1.35E+01		4.07E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Beryllium-7	6.61E+00	5.43E+00	1.89E+01		5.64E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Beryllium-7	-2.21E+00	5.20E+00	1.71E+01		5.22E+00	pCi/L	U

M-8(598603001) - Milk	27-Oct-22	Beryllium-7	1.78E-02	4.59E+00	1.55E+01		4.59E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Beryllium-7	-7.11E-01	5.41E+00	1.71E+01		5.41E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Beryllium-7	5.85E+00	6.14E+00	2.13E+01		6.29E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Cerium-141	-1.42E+00	1.39E+00	4.57E+00		1.42E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Cerium-141	-1.37E+00	1.19E+00	3.77E+00		1.23E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Cerium-141	-4.88E-01	1.11E+00	3.37E+00		1.11E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Cerium-141	-2.00E+00	1.11E+00	3.33E+00		1.20E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Cerium-141	1.48E+00	1.16E+00	3.56E+00		1.21E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Cerium-141	-3.30E-01	1.17E+00	3.45E+00		1.18E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Cerium-141	-2.96E-01	8.16E-01	2.65E+00		8.19E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Cerium-141	-4.00E+00	1.94E+00	4.50E+00		2.16E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Cerium-141	1.36E-02	2.20E+00	3.53E+00		2.20E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Cerium-141	-4.95E+00	1.45E+00	2.95E+00		1.85E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Cerium-141	9.09E-01	1.48E+00	2.35E+00		1.48E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Cerium-141	5.03E-01	1.98E+00	3.02E+00		1.98E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Cerium-141	1.37E+00	9.89E-01	2.95E+00		1.04E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Cerium-141	-7.93E-01	1.25E+00	3.92E+00		1.26E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Cerium-141	-4.40E+00	1.38E+00	3.12E+00		1.72E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Cerium-141	-3.56E-01	1.20E+00	3.21E+00		1.21E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Cerium-141	-3.67E+00	1.63E+00	3.79E+00		1.85E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Cerium-141	-1.08E+00	1.40E+00	4.11E+00		1.42E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Cerium-144	-1.16E+00	5.15E+00	1.73E+01		5.16E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Cerium-144	-4.66E+00	4.52E+00	1.44E+01		4.65E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Cerium-144	-5.53E+00	3.97E+00	1.33E+01		4.17E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Cerium-144	1.54E+00	4.52E+00	1.44E+01		4.54E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Cerium-144	2.64E+00	4.44E+00	1.46E+01		4.48E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Cerium-144	3.78E+00	4.08E+00	1.35E+01		4.17E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Cerium-144	-1.62E-01	3.05E+00	1.00E+01		3.05E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Cerium-144	5.52E+00	5.31E+00	1.86E+01		5.47E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Cerium-144	-7.36E+00	4.42E+00	1.28E+01		4.75E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Cerium-144	-3.39E+00	3.55E+00	1.13E+01		3.64E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Cerium-144	7.36E+00	5.49E+00	9.29E+00		5.50E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Cerium-144	2.94E+00	3.77E+00	1.23E+01		3.84E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Cerium-144	-2.89E+00	3.63E+00	1.13E+01		3.69E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Cerium-144	2.97E+00	4.54E+00	1.48E+01		4.60E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Cerium-144	5.85E+00	4.20E+00	1.41E+01		4.42E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Cerium-144	1.75E-01	3.85E+00	1.25E+01		3.85E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Cerium-144	-1.14E+00	4.11E+00	1.39E+01		4.12E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Cerium-144	5.96E-01	4.58E+00	1.50E+01		4.58E+00	pCi/L	U

M-8(567731001) - Milk	13-Jan-22	Cesium-134	2.20E+00	8.37E-01	3.14E+00	1.50E+01	9.82E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Cesium-134	2.40E+00	8.58E-01	2.98E+00	1.50E+01	1.03E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Cesium-134	2.60E-02	9.00E-01	3.05E+00	1.50E+01	9.00E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Cesium-134	1.18E+00	7.34E-01	2.49E+00	1.50E+01	7.84E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Cesium-134	-6.40E-01	8.86E-01	2.79E+00	1.50E+01	8.98E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Cesium-134	-7.15E-01	8.75E-01	2.75E+00	1.50E+01	8.91E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Cesium-134	1.16E-01	5.75E-01	1.89E+00	1.50E+01	5.76E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Cesium-134	1.48E+00	9.42E-01	3.25E+00	1.50E+01	1.00E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Cesium-134	5.40E-01	6.70E-01	2.23E+00	1.50E+01	6.82E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Cesium-134	9.74E-02	6.00E-01	1.95E+00	1.50E+01	6.01E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Cesium-134	1.22E-01	5.04E-01	1.72E+00	1.50E+01	5.05E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Cesium-134	1.21E+00	6.36E-01	2.20E+00	1.50E+01	6.97E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Cesium-134	2.89E-02	5.98E-01	1.91E+00	1.50E+01	5.98E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Cesium-134	-1.09E+00	8.04E-01	2.43E+00	1.50E+01	8.43E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Cesium-134	2.03E-01	7.70E-01	2.23E+00	1.50E+01	7.72E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Cesium-134	-3.31E-01	6.91E-01	2.20E+00	1.50E+01	6.95E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Cesium-134	-1.35E+00	1.38E+00	2.39E+00	1.50E+01	1.42E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Cesium-134	1.48E+00	1.28E+00	2.94E+00	1.50E+01	1.33E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Cesium-137	-1.33E+00	8.40E-01	2.45E+00	1.80E+01	8.95E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Cesium-137	5.50E-03	6.55E-01	2.17E+00	1.80E+01	6.55E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Cesium-137	2.27E+00	1.67E+00	3.27E+00	1.80E+01	1.67E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Cesium-137	1.91E-01	6.32E-01	2.06E+00	1.80E+01	6.34E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Cesium-137	2.56E-01	1.58E+00	2.67E+00	1.80E+01	1.58E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Cesium-137	5.69E-01	1.57E+00	2.83E+00	1.80E+01	1.57E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Cesium-137	1.55E+00	1.07E+00	1.55E+00	1.80E+01	1.07E+00	pCi/L	UI
M-8(584023001) - Milk	23-Jun-22	Cesium-137	8.21E-01	1.88E+00	2.91E+00	1.80E+01	1.88E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Cesium-137	-9.43E-02	6.16E-01	2.01E+00	1.80E+01	6.16E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Cesium-137	-2.46E-01	9.41E-01	1.91E+00	1.80E+01	9.43E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Cesium-137	4.64E-01	5.21E-01	1.72E+00	1.80E+01	5.32E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Cesium-137	7.32E-02	5.46E-01	1.79E+00	1.80E+01	5.47E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Cesium-137	9.40E-01	8.64E-01	1.62E+00	1.80E+01	8.65E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Cesium-137	6.85E-01	6.83E-01	2.33E+00	1.80E+01	7.02E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Cesium-137	-8.35E-02	7.08E-01	2.29E+00	1.80E+01	7.08E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Cesium-137	1.26E+00	6.14E-01	2.19E+00	1.80E+01	6.81E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Cesium-137	4.52E-01	6.61E-01	2.25E+00	1.80E+01	6.69E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Cesium-137	-6.33E-01	7.63E-01	2.41E+00	1.80E+01	7.77E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Chromium-51	-1.64E+01	7.25E+00	2.20E+01		8.20E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Chromium-51	2.40E+00	6.59E+00	2.09E+01		6.61E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Chromium-51	-2.53E+00	6.43E+00	2.11E+01		6.46E+00	pCi/L	U

M-8(575894002) - Milk	7-Apr-22	Chromium-51	-2.49E+00	4.77E+00	1.58E+01		4.80E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Chromium-51	-9.77E+00	5.63E+00	1.77E+01		6.08E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Chromium-51	-1.50E-01	5.89E+00	1.95E+01		5.89E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Chromium-51	8.41E+00	4.55E+00	1.50E+01		4.96E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Chromium-51	4.66E+00	7.47E+00	2.53E+01		7.54E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Chromium-51	-1.06E+01	6.02E+00	1.77E+01		6.52E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Chromium-51	3.18E+00	4.73E+00	1.64E+01		4.79E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Chromium-51	-2.07E+00	4.35E+00	1.32E+01		4.38E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Chromium-51	4.35E+00	4.64E+00	1.62E+01		4.75E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Chromium-51	-3.72E+00	4.55E+00	1.50E+01		4.64E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Chromium-51	-2.40E+00	5.69E+00	1.92E+01		5.72E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Chromium-51	-4.83E+00	5.09E+00	1.70E+01		5.21E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Chromium-51	-5.11E+00	6.67E+00	1.61E+01		6.78E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Chromium-51	2.33E+00	5.72E+00	1.88E+01		5.75E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Chromium-51	7.62E+00	6.87E+00	2.43E+01		7.10E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Cobalt-57	4.76E-01	7.08E-01	2.43E+00		7.17E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Cobalt-57	-4.98E-02	5.77E-01	1.90E+00		5.77E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Cobalt-57	6.69E-01	5.12E-01	1.80E+00		5.36E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Cobalt-57	-5.05E-01	5.73E-01	1.77E+00		5.85E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Cobalt-57	1.94E-02	5.89E-01	1.93E+00		5.90E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Cobalt-57	6.14E-01	5.59E-01	1.87E+00		5.77E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Cobalt-57	6.23E-01	3.98E-01	1.35E+00		4.24E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Cobalt-57	9.21E-01	7.20E-01	2.53E+00		7.52E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Cobalt-57	6.40E-01	5.32E-01	1.78E+00		5.53E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Cobalt-57	9.05E-02	4.46E-01	1.46E+00		4.47E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Cobalt-57	-1.38E-01	3.83E-01	1.26E+00		3.84E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Cobalt-57	1.35E+00	7.13E-01	1.62E+00		7.15E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Cobalt-57	5.34E-01	5.17E-01	1.54E+00		5.32E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Cobalt-57	-9.98E-02	6.00E-01	1.93E+00		6.01E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Cobalt-57	-1.29E-01	5.62E-01	1.83E+00		5.63E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Cobalt-57	5.87E-01	4.95E-01	1.66E+00		5.13E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Cobalt-57	5.21E-01	5.49E-01	1.90E+00		5.62E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Cobalt-57	4.96E-01	6.33E-01	2.11E+00		6.43E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Cobalt-58	-5.64E-01	8.28E-01	2.72E+00		8.39E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Cobalt-58	-5.99E-01	7.66E-01	2.40E+00		7.79E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Cobalt-58	-2.18E+00	8.94E-01	2.74E+00		1.03E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Cobalt-58	2.45E-01	5.85E-01	1.90E+00		5.88E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Cobalt-58	-3.83E-01	8.27E-01	2.64E+00		8.32E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Cobalt-58	4.45E-01	8.19E-01	2.72E+00		8.26E-01	pCi/L	U

M-8(582720001) - Milk	9-Jun-22	Cobalt-58	1.17E+00	5.08E-01	1.80E+00		5.77E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Cobalt-58	1.12E+00	7.24E-01	2.53E+00		7.70E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Cobalt-58	-1.14E-01	6.08E-01	1.95E+00		6.09E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Cobalt-58	4.39E-01	5.68E-01	1.88E+00		5.77E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Cobalt-58	-1.44E-01	4.57E-01	1.53E+00		4.58E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Cobalt-58	5.93E-01	5.93E-01	1.80E+00		6.09E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Cobalt-58	-3.20E-01	5.08E-01	1.57E+00		5.14E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Cobalt-58	2.23E-01	6.48E-01	2.13E+00		6.50E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Cobalt-58	1.84E-01	6.79E-01	2.19E+00		6.80E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Cobalt-58	-2.28E-01	5.78E-01	1.84E+00		5.81E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Cobalt-58	-1.35E-01	6.42E-01	2.02E+00		6.43E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Cobalt-58	-1.93E+00	7.74E-01	2.17E+00		8.97E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Cobalt-60	6.93E-03	8.81E-01	2.90E+00		8.81E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Cobalt-60	8.45E-01	7.51E-01	2.71E+00		7.77E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Cobalt-60	1.14E+00	1.06E+00	3.64E+00		1.09E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Cobalt-60	2.36E-01	6.82E-01	2.29E+00		6.85E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Cobalt-60	-9.31E-01	9.23E-01	2.85E+00		9.48E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Cobalt-60	2.25E+00	9.01E-01	3.30E+00		1.04E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Cobalt-60	2.93E-01	5.64E-01	1.94E+00		5.68E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Cobalt-60	3.90E-01	9.52E-01	3.25E+00		9.56E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Cobalt-60	9.43E-01	6.87E-01	2.43E+00		7.22E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Cobalt-60	1.04E+00	5.41E-01	1.95E+00		5.93E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Cobalt-60	-4.82E-01	5.90E-01	1.85E+00		6.01E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Cobalt-60	-2.66E-01	6.42E-01	2.10E+00		6.45E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Cobalt-60	8.21E-01	6.34E-01	1.98E+00		6.63E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Cobalt-60	-7.89E-01	7.68E-01	2.05E+00		7.90E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Cobalt-60	-6.18E-01	7.58E-01	2.39E+00		7.72E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Cobalt-60	3.17E-01	6.58E-01	2.27E+00		6.62E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Cobalt-60	-5.01E-01	9.02E-01	2.80E+00		9.10E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Cobalt-60	6.96E-01	7.01E-01	2.49E+00		7.20E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Iodine-131	1.49E-01	2.07E-01	6.96E-01	1.00E+00	2.10E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Iodine-131	4.27E-01	2.14E-01	7.59E-01	1.00E+00	2.36E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Iodine-131	6.41E-02	2.82E-01	9.51E-01	1.00E+00	2.82E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Iodine-131	2.26E-02	1.74E-01	5.93E-01	1.00E+00	1.74E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Iodine-131	1.60E-02	1.69E-01	5.76E-01	1.00E+00	1.69E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Iodine-131	-3.85E-01	2.35E-01	7.37E-01	1.00E+00	2.51E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Iodine-131	1.56E-01	2.02E-01	6.69E-01	1.00E+00	2.06E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Iodine-131	-4.78E-02	1.95E-01	6.57E-01	1.00E+00	1.95E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Iodine-131	9.13E-02	2.11E-01	7.22E-01	1.00E+00	2.12E-01	pCi/L	U

M-8(587735001) - Milk	28-Jul-22	Iodine-131	-2.47E-02	1.98E-01	6.70E-01	1.00E+00	1.98E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Iodine-131	-9.70E-03	2.31E-01	6.87E-01	1.00E+00	2.31E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Iodine-131	4.27E-01	2.01E-01	4.27E-01	1.00E+00	2.02E-01	pCi/L	UI
M-8(592476002) - Milk	8-Sep-22	Iodine-131	-2.86E-01	1.60E-01	5.15E-01	1.00E+00	1.73E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Iodine-131	-1.27E-01	1.54E-01	5.06E-01	1.00E+00	1.56E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Iodine-131	4.70E-01	2.48E-01	8.77E-01	1.00E+00	2.71E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Iodine-131	-4.55E-02	2.27E-01	7.28E-01	1.00E+00	2.27E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Iodine-131	-1.14E-01	2.20E-01	7.28E-01	1.00E+00	2.22E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Iodine-131	-2.71E-02	1.98E-01	6.68E-01	1.00E+00	1.98E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Iron-59	-7.25E-01	1.74E+00	5.67E+00		1.75E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Iron-59	9.78E-01	1.99E+00	6.50E+00		2.00E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Iron-59	1.34E+00	1.99E+00	6.80E+00		2.02E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Iron-59	-7.85E-01	1.34E+00	4.38E+00		1.35E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Iron-59	2.62E+00	1.94E+00	6.77E+00		2.04E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Iron-59	1.92E+00	1.79E+00	6.21E+00		1.85E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Iron-59	-2.52E-01	1.20E+00	3.80E+00		1.20E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Iron-59	-2.21E-01	2.03E+00	6.78E+00		2.03E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Iron-59	1.74E-01	1.46E+00	4.94E+00		1.46E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Iron-59	9.27E-01	1.21E+00	4.20E+00		1.23E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Iron-59	2.10E-01	1.12E+00	3.71E+00		1.12E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Iron-59	1.31E+00	1.21E+00	4.26E+00		1.25E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Iron-59	-3.85E-01	1.22E+00	4.05E+00		1.23E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Iron-59	-3.70E+00	1.74E+00	4.88E+00		1.94E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Iron-59	1.35E-01	1.63E+00	5.48E+00		1.63E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Iron-59	-2.02E-01	1.51E+00	4.76E+00		1.51E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Iron-59	-2.55E+00	1.77E+00	4.83E+00		1.87E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Iron-59	-2.69E-01	1.60E+00	5.38E+00		1.60E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Lanthanum-140	-1.43E+00	1.50E+00	4.53E+00	1.50E+01	1.53E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Lanthanum-140	-1.34E+00	1.24E+00	3.77E+00	1.50E+01	1.28E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Lanthanum-140	1.95E+00	1.18E+00	4.27E+00	1.50E+01	1.27E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Lanthanum-140	-6.48E-01	6.72E-01	2.03E+00	1.50E+01	6.89E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Lanthanum-140	9.21E-01	1.00E+00	3.55E+00	1.50E+01	1.03E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Lanthanum-140	1.06E+00	1.08E+00	3.81E+00	1.50E+01	1.11E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Lanthanum-140	-6.94E-02	6.89E-01	2.28E+00	1.50E+01	6.89E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Lanthanum-140	-5.35E-01	1.35E+00	3.71E+00	1.50E+01	1.36E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Lanthanum-140	-1.41E+00	8.55E-01	2.47E+00	1.50E+01	9.17E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Lanthanum-140	3.38E-02	8.16E-01	2.37E+00	1.50E+01	8.16E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Lanthanum-140	6.72E-01	6.67E-01	2.35E+00	1.50E+01	6.86E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Lanthanum-140	1.06E+00	7.44E-01	2.66E+00	1.50E+01	7.83E-01	pCi/L	U

M-8(592476002) - Milk	8-Sep-22	Lanthanum-140	-3.93E-01	7.35E-01	2.31E+00	1.50E+01	7.40E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Lanthanum-140	-2.21E+00	9.80E-01	2.64E+00	1.50E+01	1.11E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Lanthanum-140	8.33E-01	7.84E-01	2.75E+00	1.50E+01	8.08E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Lanthanum-140	-8.69E-02	7.57E-01	2.49E+00	1.50E+01	7.57E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Lanthanum-140	2.09E-01	8.56E-01	2.87E+00	1.50E+01	8.57E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Lanthanum-140	6.29E-02	1.09E+00	3.60E+00	1.50E+01	1.09E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Manganese-54	-1.71E-01	8.23E-01	2.75E+00		8.24E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Manganese-54	7.67E-01	7.36E-01	2.52E+00		7.57E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Manganese-54	-2.65E-01	8.84E-01	2.95E+00		8.86E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Manganese-54	-1.12E+00	8.09E-01	1.96E+00		8.50E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Manganese-54	-1.47E+00	7.70E-01	2.27E+00		8.43E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Manganese-54	-4.30E-01	8.49E-01	2.32E+00		8.54E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Manganese-54	4.07E-01	4.90E-01	1.65E+00		4.99E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Manganese-54	1.54E+00	1.59E+00	2.27E+00		1.59E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Manganese-54	-1.69E-01	6.13E-01	1.95E+00		6.15E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Manganese-54	-2.98E-01	5.54E-01	1.75E+00		5.58E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Manganese-54	2.61E-01	4.53E-01	1.56E+00		4.57E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Manganese-54	-3.28E-03	5.94E-01	1.91E+00		5.94E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Manganese-54	-6.19E-01	5.20E-01	1.57E+00		5.40E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Manganese-54	5.52E-01	7.03E-01	2.34E+00		7.15E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Manganese-54	6.05E-01	6.71E-01	2.22E+00		6.86E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Manganese-54	-1.54E+00	8.57E-01	2.05E+00		9.30E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Manganese-54	-5.59E-01	7.05E-01	2.07E+00		7.17E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Manganese-54	4.37E-01	7.66E-01	2.54E+00		7.72E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Niobium-95	2.10E-01	1.09E+00	2.79E+00		1.09E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Niobium-95	-2.42E-01	7.10E-01	2.28E+00		7.12E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Niobium-95	1.03E+00	8.08E-01	2.87E+00		8.42E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Niobium-95	3.62E-01	9.92E-01	2.27E+00		9.96E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Niobium-95	5.06E-01	7.61E-01	2.56E+00		7.70E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Niobium-95	2.10E-02	7.78E-01	2.55E+00		7.78E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Niobium-95	6.92E-01	4.73E-01	1.64E+00		5.00E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Niobium-95	8.98E-01	9.15E-01	2.78E+00		9.39E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Niobium-95	8.62E-01	5.86E-01	2.01E+00		6.20E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Niobium-95	4.50E-01	5.78E-01	1.73E+00		5.87E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Niobium-95	7.89E-01	5.12E-01	1.71E+00		5.44E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Niobium-95	4.16E-01	5.51E-01	1.84E+00		5.60E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Niobium-95	-1.26E+00	1.03E+00	2.00E+00		1.07E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Niobium-95	1.41E+00	7.23E-01	2.53E+00		7.94E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Niobium-95	5.01E-01	6.71E-01	2.22E+00		6.81E-01	pCi/L	U

M-8(598603001) - Milk	27-Oct-22	Niobium-95	-1.03E+00	5.66E-01	1.68E+00		6.16E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Niobium-95	7.59E-01	1.21E+00	1.98E+00		1.21E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Niobium-95	-8.18E-02	8.70E-01	2.82E+00		8.71E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Potassium-40	1.50E+03	4.51E+01	2.41E+01		8.40E+01	pCi/L	
M-8(570224002) - Milk	10-Feb-22	Potassium-40	1.41E+03	4.27E+01	2.35E+01		8.43E+01	pCi/L	
M-8(572904002) - Milk	10-Mar-22	Potassium-40	1.43E+03	4.32E+01	3.02E+01		7.70E+01	pCi/L	
M-8(575894002) - Milk	7-Apr-22	Potassium-40	1.51E+03	3.59E+01	1.92E+01		8.74E+01	pCi/L	
M-8(579115002) - Milk	5-May-22	Potassium-40	1.29E+03	3.99E+01	2.65E+01		7.02E+01	pCi/L	
M-8(580566002) - Milk	19-May-22	Potassium-40	1.35E+03	4.09E+01	2.45E+01		7.33E+01	pCi/L	
M-8(582720001) - Milk	9-Jun-22	Potassium-40	1.40E+03	3.11E+01	1.54E+01		7.86E+01	pCi/L	
M-8(584023001) - Milk	23-Jun-22	Potassium-40	1.46E+03	4.62E+01	2.76E+01		8.63E+01	pCi/L	
M-8(586411002) - Milk	14-Jul-22	Potassium-40	1.49E+03	3.44E+01	1.50E+01		8.62E+01	pCi/L	
M-8(587735001) - Milk	28-Jul-22	Potassium-40	1.53E+03	3.09E+01	1.52E+01		7.79E+01	pCi/L	
M-8(589451002) - Milk	11-Aug-22	Potassium-40	1.47E+03	2.91E+01	1.37E+01		7.22E+01	pCi/L	
M-8(591088002) - Milk	25-Aug-22	Potassium-40	1.43E+03	3.27E+01	1.58E+01		7.22E+01	pCi/L	
M-8(592476002) - Milk	8-Sep-22	Potassium-40	1.46E+03	2.99E+01	1.61E+01		8.06E+01	pCi/L	
M-8(594229002) - Milk	22-Sep-22	Potassium-40	1.46E+03	3.92E+01	2.06E+01		7.61E+01	pCi/L	
M-8(596894002) - Milk	13-Oct-22	Potassium-40	1.43E+03	3.80E+01	2.15E+01		8.25E+01	pCi/L	
M-8(598603001) - Milk	27-Oct-22	Potassium-40	1.39E+03	3.78E+01	1.76E+01		8.09E+01	pCi/L	
M-8(600513002) - Milk	10-Nov-22	Potassium-40	1.49E+03	3.42E+01	2.18E+01		8.78E+01	pCi/L	
M-8(603556002) - Milk	8-Dec-22	Potassium-40	1.44E+03	4.05E+01	1.98E+01		7.73E+01	pCi/L	
M-8(567731001) - Milk	13-Jan-22	Ruthenium-103	-1.19E+00	8.59E-01	2.61E+00		9.03E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Ruthenium-103	-4.67E-01	7.16E-01	2.09E+00		7.24E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Ruthenium-103	1.02E+00	8.46E-01	2.85E+00		8.79E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Ruthenium-103	-8.43E-01	5.62E-01	1.74E+00		5.96E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Ruthenium-103	3.94E-01	7.72E-01	2.24E+00		7.77E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Ruthenium-103	-1.73E+00	7.99E-01	2.33E+00		8.96E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Ruthenium-103	-9.43E-01	4.58E-01	1.45E+00		5.09E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Ruthenium-103	1.96E-01	8.23E-01	2.71E+00		8.24E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Ruthenium-103	1.06E+00	5.88E-01	2.07E+00		6.39E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Ruthenium-103	5.53E-01	5.77E-01	1.97E+00		5.92E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Ruthenium-103	6.61E-02	5.09E-01	1.51E+00		5.09E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Ruthenium-103	-8.40E-01	5.59E-01	1.77E+00		5.93E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Ruthenium-103	-8.77E-01	6.01E-01	1.67E+00		6.35E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Ruthenium-103	-1.27E-01	7.51E-01	2.22E+00		7.51E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Ruthenium-103	-5.27E-01	6.22E-01	2.00E+00		6.34E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Ruthenium-103	-1.71E+00	6.86E-01	1.72E+00		7.94E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Ruthenium-103	-1.04E-02	5.86E-01	1.99E+00		5.86E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Ruthenium-103	-1.26E+00	8.82E-01	2.47E+00		9.30E-01	pCi/L	U

M-8(567731001) - Milk	13-Jan-22	Ruthenium-106	7.05E+00	7.59E+00	2.52E+01		7.77E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Ruthenium-106	5.90E+00	6.12E+00	2.12E+01		6.27E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Ruthenium-106	-9.82E+00	7.85E+00	2.38E+01		8.18E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Ruthenium-106	-3.04E+00	5.47E+00	1.73E+01		5.52E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Ruthenium-106	4.10E+00	7.27E+00	2.47E+01		7.33E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Ruthenium-106	5.19E+00	6.81E+00	2.34E+01		6.92E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Ruthenium-106	4.21E+00	4.31E+00	1.48E+01		4.43E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Ruthenium-106	-1.46E+01	7.62E+00	2.23E+01		8.35E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Ruthenium-106	4.09E+00	5.41E+00	1.65E+01		5.49E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Ruthenium-106	-3.39E+00	4.36E+00	1.40E+01		4.43E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Ruthenium-106	-5.78E+00	4.30E+00	1.33E+01		4.51E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Ruthenium-106	-3.58E+00	4.86E+00	1.55E+01		4.93E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Ruthenium-106	9.73E+00	4.50E+00	1.55E+01		5.05E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Ruthenium-106	4.30E+00	5.88E+00	1.99E+01		5.97E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Ruthenium-106	-3.52E+00	5.54E+00	1.76E+01		5.60E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Ruthenium-106	-3.45E+00	4.97E+00	1.60E+01		5.04E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Ruthenium-106	2.70E+00	5.62E+00	1.91E+01		5.65E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Ruthenium-106	3.33E+00	6.48E+00	2.18E+01		6.53E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Selenium-75	-1.60E-01	1.07E+00	3.53E+00		1.07E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Selenium-75	-8.92E-01	8.99E-01	2.74E+00		9.23E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Selenium-75	3.57E-04	8.77E-01	2.93E+00		8.77E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Selenium-75	2.05E-01	8.01E-01	2.73E+00		8.02E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Selenium-75	7.68E-01	8.59E-01	2.96E+00		8.78E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Selenium-75	9.97E-01	8.41E-01	2.92E+00		8.73E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Selenium-75	-1.53E-01	6.89E-01	2.17E+00		6.90E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Selenium-75	1.86E-02	1.09E+00	3.65E+00		1.09E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Selenium-75	5.82E-02	8.57E-01	2.69E+00		8.57E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Selenium-75	5.30E-01	7.23E-01	2.30E+00		7.34E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Selenium-75	-2.49E-01	6.15E-01	1.90E+00		6.18E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Selenium-75	2.22E-01	7.01E-01	2.42E+00		7.02E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Selenium-75	-3.33E-01	6.64E-01	2.23E+00		6.68E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Selenium-75	-3.12E-01	8.05E-01	2.74E+00		8.08E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Selenium-75	-3.38E-01	8.82E-01	2.73E+00		8.86E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Selenium-75	1.28E+00	8.22E-01	2.70E+00		8.75E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Selenium-75	-8.35E-01	8.67E-01	2.79E+00		8.89E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Selenium-75	-1.15E+00	1.12E+00	3.11E+00		1.15E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Silver-108m	-9.00E-01	7.29E-01	2.25E+00		7.59E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Silver-108m	1.08E-01	5.65E-01	1.94E+00		5.66E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Silver-108m	-5.91E-01	7.54E-01	2.12E+00		7.67E-01	pCi/L	U

M-8(575894002) - Milk	7-Apr-22	Silver-108m	-6.59E-01	6.04E-01	1.70E+00		6.24E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Silver-108m	-7.34E-01	6.92E-01	2.15E+00		7.13E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Silver-108m	-4.10E-01	6.20E-01	1.95E+00		6.28E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Silver-108m	2.84E-01	3.66E-01	1.27E+00		3.72E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Silver-108m	1.12E-01	7.18E-01	2.13E+00		7.19E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Silver-108m	2.20E-01	5.06E-01	1.73E+00		5.09E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Silver-108m	2.46E-02	1.04E+00	1.74E+00		1.04E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Silver-108m	-1.58E-01	3.75E-01	1.24E+00		3.77E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Silver-108m	1.08E-01	4.74E-01	1.60E+00		4.75E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Silver-108m	6.46E-01	4.25E-01	1.46E+00		4.51E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Silver-108m	-1.03E+00	5.50E-01	1.72E+00		6.01E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Silver-108m	3.03E-01	5.38E-01	1.83E+00		5.42E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Silver-108m	-1.44E-01	4.90E-01	1.64E+00		4.91E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Silver-108m	-5.46E-01	6.22E-01	1.94E+00		6.35E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Silver-108m	-1.36E+00	8.56E-01	2.14E+00		9.13E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Silver-110m	-7.67E-01	1.04E+00	3.37E+00		1.05E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Silver-110m	1.77E+00	1.02E+00	3.60E+00		1.10E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Silver-110m	1.62E+00	1.23E+00	4.34E+00		1.29E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Silver-110m	-7.36E-01	9.32E-01	2.67E+00		9.48E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Silver-110m	-1.36E+00	1.14E+00	3.46E+00		1.18E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Silver-110m	-3.21E+00	1.15E+00	3.20E+00		1.37E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Silver-110m	3.89E-01	6.98E-01	2.31E+00		7.04E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Silver-110m	-1.41E+00	1.96E+00	3.72E+00		1.99E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Silver-110m	-1.64E-02	8.72E-01	2.79E+00		8.72E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Silver-110m	5.41E-01	8.00E-01	2.63E+00		8.10E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Silver-110m	-5.46E-02	7.20E-01	2.42E+00		7.20E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Silver-110m	-8.02E-01	9.16E-01	2.48E+00		9.36E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Silver-110m	4.86E-01	6.80E-01	2.36E+00		6.89E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Silver-110m	-2.42E-01	8.75E-01	2.76E+00		8.77E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Silver-110m	3.74E-01	9.73E-01	3.14E+00		9.77E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Silver-110m	9.80E-01	8.85E-01	3.01E+00		9.15E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Silver-110m	-6.67E-01	8.81E-01	2.79E+00		8.95E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Silver-110m	-1.99E-01	1.10E+00	3.49E+00		1.10E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Strontium-89	-1.34E-01	5.69E-01	1.90E+00	1.00E+01	7.46E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Strontium-89	2.77E-01	4.45E-01	1.39E+00	1.00E+01	4.94E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Strontium-89	-6.29E-01	2.10E-01	9.03E-01	1.00E+01	2.52E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Strontium-89	-5.58E-01	6.81E-01	2.35E+00	1.00E+01	9.22E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Strontium-89	-4.75E-01	5.89E-01	2.07E+00	1.00E+01	6.87E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Strontium-89	1.45E+00	7.30E-01	2.15E+00	1.00E+01	8.95E-01	pCi/L	U

M-8(582720001) - Milk	9-Jun-22	Strontium-89	3.37E-01	7.75E-01	2.47E+00	1.00E+01	9.89E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Strontium-89	-2.06E+00	6.87E-01	2.67E+00	1.00E+01	8.65E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Strontium-89	8.11E-01	5.34E-01	1.58E+00	1.00E+01	7.48E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Strontium-89	-1.14E+00	5.08E-01	1.92E+00	1.00E+01	7.12E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Strontium-89	-2.71E-01	5.64E-01	1.91E+00	1.00E+01	7.18E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Strontium-89	-4.18E-01	7.12E-01	2.43E+00	1.00E+01	8.61E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Strontium-89	-7.68E-01	3.88E-01	1.43E+00	1.00E+01	4.53E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Strontium-89	-2.50E+00	5.49E-01	2.26E+00	1.00E+01	5.97E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Strontium-89	4.68E-01	7.80E-01	2.46E+00	1.00E+01	8.96E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Strontium-89	-1.05E-01	6.62E-01	2.19E+00	1.00E+01	7.45E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Strontium-89	8.68E-01	8.79E-01	2.73E+00	1.00E+01	1.09E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Strontium-90	2.72E-01	2.79E-01	9.10E-01	2.00E+00	2.98E-01	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Strontium-90	-5.10E-02	2.31E-01	9.38E-01	2.00E+00	2.84E-01	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Strontium-90	4.22E-01	1.23E-01	6.89E-01	2.00E+00	2.22E-01	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Strontium-90	1.11E+00	4.99E-01	1.61E+00	2.00E+00	5.78E-01	pCi/L	U
M-8(579115002) - Milk	5-May-22	Strontium-90	-1.36E+00	2.38E-01	1.76E+00	2.00E+00	4.61E-01	pCi/L	U
M-8(580566002) - Milk	19-May-22	Strontium-90	5.10E-02	4.92E-01	1.74E+00	2.00E+00	5.32E-01	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Strontium-90	5.48E-01	3.13E-01	1.15E+00	2.00E+00	4.00E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Strontium-90	5.35E-01	3.72E-01	1.78E+00	2.00E+00	5.75E-01	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Strontium-90	-1.60E-01	3.83E-01	1.55E+00	2.00E+00	4.60E-01	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Strontium-90	-4.57E-01	3.26E-01	1.21E+00	2.00E+00	3.26E-01	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Strontium-90	-4.65E-01	4.00E-01	1.73E+00	2.00E+00	4.99E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Strontium-90	3.31E-02	4.65E-01	1.77E+00	2.00E+00	5.39E-01	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Strontium-90	7.31E-01	4.20E-01	1.78E+00	2.00E+00	5.78E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Strontium-90	-3.54E-01	1.76E-01	1.95E+00	2.00E+00	5.87E-01	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Strontium-90	4.20E-01	2.18E-01	1.03E+00	2.00E+00	3.22E-01	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Strontium-90	-1.55E+00	3.59E-01	1.78E+00	2.00E+00	4.50E-01	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Strontium-90	-4.14E-01	2.51E-01	1.30E+00	2.00E+00	3.58E-01	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Strontium-90	-3.44E-01	4.46E-01	1.91E+00	2.00E+00	5.64E-01	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Zinc-65	8.16E-01	2.06E+00	6.94E+00		2.06E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Zinc-65	2.10E+00	1.96E+00	6.58E+00		2.02E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Zinc-65	-1.15E+00	2.15E+00	6.99E+00		2.17E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Zinc-65	-1.85E+00	1.51E+00	4.79E+00		1.57E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Zinc-65	7.47E-01	2.00E+00	6.74E+00		2.01E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Zinc-65	-1.50E+00	2.02E+00	6.51E+00		2.05E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Zinc-65	-9.34E-01	1.29E+00	3.98E+00		1.31E+00	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Zinc-65	2.80E-01	1.92E+00	6.29E+00		1.92E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Zinc-65	3.23E-01	1.37E+00	4.66E+00		1.37E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Zinc-65	1.45E-01	1.22E+00	4.14E+00		1.22E+00	pCi/L	U

M-8(589451002) - Milk	11-Aug-22	Zinc-65	4.10E-01	1.22E+00	4.06E+00		1.22E+00	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Zinc-65	2.33E+00	1.29E+00	4.64E+00		1.40E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Zinc-65	-4.31E-01	1.25E+00	4.13E+00		1.25E+00	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Zinc-65	-1.67E+00	1.62E+00	5.02E+00		1.66E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Zinc-65	2.09E-01	1.64E+00	5.51E+00		1.64E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Zinc-65	-1.23E+00	1.66E+00	5.06E+00		1.68E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Zinc-65	2.10E+00	1.78E+00	5.55E+00		1.85E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Zinc-65	1.98E+00	1.74E+00	6.18E+00		1.80E+00	pCi/L	U
M-8(567731001) - Milk	13-Jan-22	Zirconium-95	-1.94E+00	1.36E+00	4.32E+00		1.44E+00	pCi/L	U
M-8(570224002) - Milk	10-Feb-22	Zirconium-95	6.80E-02	1.33E+00	4.36E+00		1.33E+00	pCi/L	U
M-8(572904002) - Milk	10-Mar-22	Zirconium-95	1.27E+00	1.59E+00	5.53E+00		1.61E+00	pCi/L	U
M-8(575894002) - Milk	7-Apr-22	Zirconium-95	-5.44E-01	1.07E+00	3.32E+00		1.07E+00	pCi/L	U
M-8(579115002) - Milk	5-May-22	Zirconium-95	8.89E-01	1.41E+00	4.73E+00		1.42E+00	pCi/L	U
M-8(580566002) - Milk	19-May-22	Zirconium-95	1.29E+00	1.41E+00	4.80E+00		1.44E+00	pCi/L	U
M-8(582720001) - Milk	9-Jun-22	Zirconium-95	2.49E-01	8.92E-01	2.95E+00		8.93E-01	pCi/L	U
M-8(584023001) - Milk	23-Jun-22	Zirconium-95	-3.27E-01	1.60E+00	4.48E+00		1.60E+00	pCi/L	U
M-8(586411002) - Milk	14-Jul-22	Zirconium-95	1.15E+00	1.05E+00	3.56E+00		1.09E+00	pCi/L	U
M-8(587735001) - Milk	28-Jul-22	Zirconium-95	1.43E+00	9.86E-01	3.35E+00		1.04E+00	pCi/L	U
M-8(589451002) - Milk	11-Aug-22	Zirconium-95	8.77E-01	8.95E-01	2.94E+00		9.18E-01	pCi/L	U
M-8(591088002) - Milk	25-Aug-22	Zirconium-95	-1.06E+00	1.27E+00	3.36E+00		1.29E+00	pCi/L	U
M-8(592476002) - Milk	8-Sep-22	Zirconium-95	-3.98E-01	8.74E-01	2.74E+00		8.79E-01	pCi/L	U
M-8(594229002) - Milk	22-Sep-22	Zirconium-95	-2.96E+00	1.20E+00	3.38E+00		1.39E+00	pCi/L	U
M-8(596894002) - Milk	13-Oct-22	Zirconium-95	-1.24E+00	1.23E+00	3.77E+00		1.26E+00	pCi/L	U
M-8(598603001) - Milk	27-Oct-22	Zirconium-95	-3.58E-02	1.03E+00	3.35E+00		1.03E+00	pCi/L	U
M-8(600513002) - Milk	10-Nov-22	Zirconium-95	3.42E-02	1.10E+00	3.63E+00		1.10E+00	pCi/L	U
M-8(603556002) - Milk	8-Dec-22	Zirconium-95	2.17E+00	1.39E+00	4.82E+00		1.48E+00	pCi/L	U

M-8 QC
Milk

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
M-8 QC(596894001) - Milk	13-Oct-22	Actinium-228	3.01E+00	5.51E+00	9.81E+00		5.55E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Actinium-228	9.35E+00	4.15E+00	1.46E+01		4.69E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Actinium-228	1.35E+01	8.12E+00	1.43E+01		8.72E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Actinium-228	4.55E+00	4.94E+00	9.81E+00		5.05E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Actinium-228	8.68E+00	5.76E+00	1.04E+01		6.11E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Actinium-228	-1.48E+01	5.59E+00	1.45E+01		6.58E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Actinium-228	4.86E+00	5.19E+00	9.98E+00		5.32E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Actinium-228	5.54E-01	3.11E+00	7.83E+00		3.11E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Actinium-228	1.13E+01	8.54E+00	1.13E+01		1.05E+01	pCi/L	UI

M-8QC(586411001) - Milk	14-Jul-22	Actinium-228	2.03E+00	4.96E+00	9.72E+00		4.98E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Actinium-228	-3.26E+00	2.66E+00	6.70E+00		2.77E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Actinium-228	1.16E-01	4.63E+00	7.72E+00		4.63E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Actinium-228	-6.26E+00	3.52E+00	7.99E+00		3.82E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Actinium-228	1.29E+00	4.98E+00	5.52E+00		4.98E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Actinium-228	2.42E+00	5.09E+00	6.05E+00		5.09E+00	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Actinium-228	-8.43E+00	3.75E+00	9.48E+00		4.24E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Actinium-228	-1.51E+00	4.01E+00	1.02E+01		4.03E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Actinium-228	-6.48E+00	4.17E+00	1.23E+01		4.44E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Antimony-124	1.62E+00	1.28E+00	4.63E+00		1.34E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Antimony-124	-4.60E+00	2.18E+00	4.27E+00		2.43E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Antimony-124	1.63E+00	2.03E+00	7.10E+00		2.07E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Antimony-124	-5.91E-01	1.21E+00	3.78E+00		1.22E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Antimony-124	1.70E+00	1.11E+00	4.14E+00		1.18E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Antimony-124	2.61E+00	1.77E+00	6.65E+00		1.87E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Antimony-124	3.84E-02	1.31E+00	4.30E+00		1.31E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Antimony-124	4.27E-01	1.15E+00	3.90E+00		1.16E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Antimony-124	-1.62E+00	1.71E+00	4.19E+00		1.75E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Antimony-124	-6.58E-01	1.37E+00	4.34E+00		1.38E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Antimony-124	-1.00E+00	1.01E+00	3.09E+00		1.04E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Antimony-124	2.61E-01	9.45E-01	3.19E+00		9.46E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Antimony-124	-1.19E-01	1.03E+00	3.41E+00		1.03E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Antimony-124	2.03E-01	9.08E-01	3.08E+00		9.09E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Antimony-124	-3.71E-01	9.77E-01	3.13E+00		9.81E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Antimony-124	-6.24E-01	1.23E+00	3.93E+00		1.24E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Antimony-124	9.93E-01	1.21E+00	4.29E+00		1.23E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Antimony-124	-2.05E+00	1.48E+00	4.15E+00		1.55E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Antimony-125	-1.45E+00	1.48E+00	4.74E+00		1.52E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Antimony-125	-3.00E+00	2.01E+00	6.51E+00		2.13E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Antimony-125	-2.63E+00	2.21E+00	6.73E+00		2.29E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Antimony-125	-4.63E-01	1.50E+00	4.96E+00		1.50E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Antimony-125	1.01E+00	1.58E+00	5.37E+00		1.60E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Antimony-125	3.24E+00	2.31E+00	8.25E+00		2.43E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Antimony-125	-1.86E+00	1.63E+00	5.31E+00		1.68E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Antimony-125	2.01E+00	1.24E+00	4.30E+00		1.33E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Antimony-125	3.76E+00	1.92E+00	7.10E+00		2.12E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Antimony-125	1.97E-01	1.52E+00	5.02E+00		1.52E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Antimony-125	-1.06E+00	1.10E+00	3.60E+00		1.13E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Antimony-125	-1.10E+00	1.17E+00	3.87E+00		1.20E+00	pCi/L	U

M-8QC(591088001) - Milk	25-Aug-22	Antimony-125	6.98E-01	1.87E+00	4.99E+00		1.88E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Antimony-125	-1.04E+00	1.25E+00	3.81E+00		1.28E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Antimony-125	1.19E+00	1.24E+00	4.26E+00		1.27E+00	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Antimony-125	-4.50E+00	2.03E+00	5.08E+00		2.29E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Antimony-125	-2.18E+00	1.71E+00	5.44E+00		1.78E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Antimony-125	1.49E+00	2.19E+00	7.33E+00		2.22E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Barium-140	-2.24E+00	2.45E+00	7.70E+00	1.50E+01	2.51E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Barium-140	7.38E+00	4.05E+00	1.45E+01	1.50E+01	4.41E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Barium-140	4.28E+00	3.82E+00	1.36E+01	1.50E+01	3.95E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Barium-140	-4.18E+00	2.47E+00	7.57E+00	1.50E+01	2.65E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Barium-140	6.69E-01	2.21E+00	7.30E+00	1.50E+01	2.22E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Barium-140	7.44E-02	3.77E+00	1.26E+01	1.50E+01	3.77E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Barium-140	-5.11E+00	2.69E+00	8.38E+00	1.50E+01	2.94E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Barium-140	-2.30E+00	2.37E+00	7.47E+00	1.50E+01	2.43E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Barium-140	-9.34E-02	3.14E+00	1.06E+01	1.50E+01	3.14E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Barium-140	2.46E+00	3.02E+00	1.01E+01	1.50E+01	3.08E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Barium-140	1.06E+00	2.17E+00	7.29E+00	1.50E+01	2.19E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Barium-140	1.39E-01	1.93E+00	6.51E+00	1.50E+01	1.93E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Barium-140	-3.06E+00	2.30E+00	7.11E+00	1.50E+01	2.41E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Barium-140	2.79E+00	2.03E+00	7.17E+00	1.50E+01	2.13E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Barium-140	3.16E+00	2.07E+00	7.14E+00	1.50E+01	2.20E+00	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Barium-140	5.86E+00	5.03E+00	9.64E+00	1.50E+01	5.22E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Barium-140	2.20E+00	2.97E+00	9.88E+00	1.50E+01	3.02E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Barium-140	4.44E+00	4.47E+00	1.49E+01	1.50E+01	4.59E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Beryllium-7	1.98E+00	4.78E+00	1.59E+01		4.80E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Beryllium-7	-1.40E+01	8.61E+00	2.12E+01		9.21E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Beryllium-7	-9.28E-01	7.26E+00	2.30E+01		7.26E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Beryllium-7	-3.59E+00	4.68E+00	1.51E+01		4.76E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Beryllium-7	-2.73E+00	4.69E+00	1.51E+01		4.73E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Beryllium-7	4.24E-01	7.63E+00	2.58E+01		7.63E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Beryllium-7	-8.31E-01	4.97E+00	1.66E+01		4.98E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Beryllium-7	7.57E+00	4.18E+00	1.39E+01		4.54E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Beryllium-7	-1.95E+00	5.66E+00	1.89E+01		5.68E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Beryllium-7	1.69E+00	5.16E+00	1.71E+01		5.18E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Beryllium-7	2.84E+00	3.74E+00	1.27E+01		3.79E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Beryllium-7	2.36E+00	3.47E+00	1.20E+01		3.52E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Beryllium-7	6.60E+00	4.51E+00	1.56E+01		4.76E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Beryllium-7	-3.68E+00	3.52E+00	1.18E+01		3.62E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Beryllium-7	1.32E+00	4.02E+00	1.35E+01		4.03E+00	pCi/L	U

M-8QC(598603002) - Milk	27-Oct-22	Beryllium-7	3.69E+00	5.41E+00	1.63E+01		5.48E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Beryllium-7	-6.83E+00	5.36E+00	1.69E+01		5.59E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Beryllium-7	1.65E+01	6.59E+00	2.36E+01		7.63E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Cerium-141	-1.67E-01	1.01E+00	3.23E+00		1.02E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Cerium-141	-5.08E-01	1.35E+00	4.43E+00		1.36E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Cerium-141	4.64E-01	2.61E+00	4.59E+00		2.62E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Cerium-141	1.86E-01	1.00E+00	3.22E+00		1.00E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Cerium-141	6.38E-01	9.51E-01	3.13E+00		9.63E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Cerium-141	-1.83E+00	1.35E+00	4.34E+00		1.42E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Cerium-141	-1.03E+00	1.04E+00	3.29E+00		1.07E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Cerium-141	-1.90E-01	8.24E-01	2.68E+00		8.25E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Cerium-141	-9.35E-01	1.25E+00	3.98E+00		1.27E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Cerium-141	-4.12E-01	1.08E+00	3.66E+00		1.08E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Cerium-141	2.82E-01	8.40E-01	2.51E+00		8.42E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Cerium-141	4.52E-01	8.48E-01	2.59E+00		8.54E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Cerium-141	-3.75E+00	1.21E+00	2.90E+00		1.50E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Cerium-141	6.46E-01	8.15E-01	2.56E+00		8.29E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Cerium-141	-4.64E-01	8.77E-01	2.78E+00		8.84E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Cerium-141	1.01E+00	1.03E+00	3.13E+00		1.06E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Cerium-141	3.72E-01	2.62E+00	3.48E+00		2.62E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Cerium-141	-1.65E+00	1.51E+00	4.57E+00		1.55E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Cerium-144	-2.66E+00	3.97E+00	1.26E+01		4.02E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Cerium-144	-4.45E+00	4.89E+00	1.60E+01		5.00E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Cerium-144	-3.78E+00	5.12E+00	1.72E+01		5.20E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Cerium-144	7.75E+00	5.34E+00	1.23E+01		5.35E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Cerium-144	-3.57E+00	3.92E+00	1.25E+01		4.01E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Cerium-144	-1.81E+00	5.92E+00	1.81E+01		5.94E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Cerium-144	4.05E+00	4.18E+00	1.28E+01		4.29E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Cerium-144	-3.74E+00	3.07E+00	9.86E+00		3.19E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Cerium-144	-3.29E+00	4.61E+00	1.47E+01		4.67E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Cerium-144	-8.04E+00	4.06E+00	1.35E+01		4.47E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Cerium-144	-2.64E+00	2.77E+00	8.77E+00		2.83E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Cerium-144	2.79E+00	3.04E+00	1.02E+01		3.11E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Cerium-144	-5.10E+00	3.53E+00	1.12E+01		3.72E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Cerium-144	-1.72E+00	4.35E+00	1.00E+01		4.37E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Cerium-144	-1.28E+00	3.29E+00	1.05E+01		3.31E+00	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Cerium-144	-1.42E+00	4.17E+00	1.33E+01		4.18E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Cerium-144	-4.90E-01	4.54E+00	1.45E+01		4.54E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Cerium-144	-7.99E+00	5.65E+00	1.71E+01		5.95E+00	pCi/L	U

M-8 QC(596894001) - Milk	13-Oct-22	Cesium-134	7.77E-01	6.27E-01	2.22E+00	1.50E+01	6.53E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Cesium-134	-6.82E-02	1.03E+00	3.35E+00	1.50E+01	1.04E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Cesium-134	2.33E-01	8.86E-01	2.97E+00	1.50E+01	8.88E-01	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Cesium-134	-3.16E-01	8.35E-01	2.32E+00	1.50E+01	8.38E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Cesium-134	-5.15E-01	7.68E-01	2.22E+00	1.50E+01	7.78E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Cesium-134	-1.24E-01	1.10E+00	3.55E+00	1.50E+01	1.10E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Cesium-134	9.48E-01	6.70E-01	2.30E+00	1.50E+01	7.06E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Cesium-134	4.13E-01	5.37E-01	1.85E+00	1.50E+01	5.45E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Cesium-134	3.23E+00	1.74E+00	3.23E+00	1.50E+01	2.38E+00	pCi/L	UI
M-8QC(586411001) - Milk	14-Jul-22	Cesium-134	7.16E-01	6.42E-01	2.14E+00	1.50E+01	6.64E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Cesium-134	-5.07E-01	5.33E-01	1.45E+00	1.50E+01	5.46E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Cesium-134	-1.88E+00	1.06E+00	1.82E+00	1.50E+01	1.15E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Cesium-134	-2.63E-02	6.19E-01	2.10E+00	1.50E+01	6.19E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Cesium-134	4.59E-01	5.99E-01	1.84E+00	1.50E+01	6.08E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Cesium-134	3.32E-01	5.50E-01	1.81E+00	1.50E+01	5.56E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Cesium-134	-6.55E-01	6.60E-01	2.13E+00	1.50E+01	6.77E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Cesium-134	3.54E-01	6.93E-01	2.39E+00	1.50E+01	6.98E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Cesium-134	3.37E-01	9.95E-01	2.99E+00	1.50E+01	9.98E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Cesium-137	-8.68E-01	1.21E+00	2.86E+00	1.80E+01	1.22E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Cesium-137	1.05E+00	9.09E-01	3.14E+00	1.80E+01	9.42E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Cesium-137	2.11E+00	1.03E+00	2.66E+00	1.80E+01	1.03E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Cesium-137	5.84E-01	6.21E-01	2.10E+00	1.80E+01	6.36E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Cesium-137	3.48E-01	6.35E-01	2.08E+00	1.80E+01	6.40E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Cesium-137	-3.43E+00	1.92E+00	4.05E+00	1.80E+01	2.08E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Cesium-137	-1.56E+00	1.06E+00	2.17E+00	1.80E+01	1.13E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Cesium-137	-5.43E-01	8.59E-01	1.83E+00	1.80E+01	8.68E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Cesium-137	-8.68E-01	9.12E-01	2.52E+00	1.80E+01	9.35E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Cesium-137	6.20E-01	1.76E+00	1.96E+00	1.80E+01	1.76E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Cesium-137	1.06E+00	6.03E-01	1.50E+00	1.80E+01	6.05E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Cesium-137	5.96E-01	4.87E-01	1.68E+00	1.80E+01	5.07E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Cesium-137	1.66E+00	8.75E-01	1.94E+00	1.80E+01	8.78E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Cesium-137	5.53E-01	4.73E-01	1.65E+00	1.80E+01	4.91E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Cesium-137	5.66E-01	7.06E-01	1.72E+00	1.80E+01	7.07E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Cesium-137	-6.48E-01	7.19E-01	2.21E+00	1.80E+01	7.35E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Cesium-137	1.03E+00	1.31E+00	2.26E+00	1.80E+01	1.31E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Cesium-137	5.61E-01	9.20E-01	3.19E+00	1.80E+01	9.30E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Chromium-51	-5.80E+00	4.86E+00	1.59E+01		5.04E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Chromium-51	-2.54E+00	7.63E+00	2.37E+01		7.66E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Chromium-51	-7.00E+00	8.41E+00	2.36E+01		8.57E+00	pCi/L	U

M-8QC(572904001) - Milk	10-Mar-22	Chromium-51	-4.92E+00	4.82E+00	1.59E+01		4.95E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Chromium-51	-4.01E+00	4.96E+00	1.57E+01		5.05E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Chromium-51	-3.96E-01	7.98E+00	2.50E+01		7.98E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Chromium-51	-1.02E+00	5.22E+00	1.78E+01		5.23E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Chromium-51	-1.72E+00	4.27E+00	1.44E+01		4.29E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Chromium-51	8.05E-01	6.39E+00	2.01E+01		6.39E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Chromium-51	1.93E+00	5.34E+00	1.79E+01		5.36E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Chromium-51	-1.23E+00	3.99E+00	1.35E+01		4.00E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Chromium-51	-3.21E+00	4.43E+00	1.36E+01		4.49E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Chromium-51	5.43E+00	4.69E+00	1.64E+01		4.85E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Chromium-51	-4.12E+00	4.26E+00	1.21E+01		4.37E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Chromium-51	9.31E-02	3.99E+00	1.36E+01		3.99E+00	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Chromium-51	5.73E+00	5.11E+00	1.77E+01		5.28E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Chromium-51	2.73E+00	5.71E+00	1.94E+01		5.75E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Chromium-51	-4.24E+00	7.79E+00	2.54E+01		7.86E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Cobalt-57	5.88E-01	4.83E-01	1.60E+00		5.02E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Cobalt-57	-7.68E-01	6.77E-01	2.21E+00		7.00E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Cobalt-57	1.99E+00	8.25E-01	1.99E+00		8.30E-01	pCi/L	UI
M-8QC(572904001) - Milk	10-Mar-22	Cobalt-57	-4.37E-01	4.91E-01	1.55E+00		5.02E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Cobalt-57	6.13E-02	5.64E-01	1.71E+00		5.64E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Cobalt-57	4.44E-01	7.08E-01	2.40E+00		7.16E-01	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Cobalt-57	3.65E-01	5.19E-01	1.71E+00		5.25E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Cobalt-57	-1.15E+00	4.09E-01	1.29E+00		4.90E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Cobalt-57	8.20E-01	6.56E-01	2.09E+00		6.84E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Cobalt-57	-1.80E-01	5.21E-01	1.78E+00		5.23E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Cobalt-57	2.34E-02	4.83E-01	1.23E+00		4.84E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Cobalt-57	-1.65E-02	3.90E-01	1.29E+00		3.90E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Cobalt-57	1.32E-01	4.56E-01	1.51E+00		4.57E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Cobalt-57	7.06E-01	4.96E-01	1.33E+00		4.98E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Cobalt-57	3.81E-01	4.32E-01	1.41E+00		4.41E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Cobalt-57	1.12E+00	5.31E-01	1.79E+00		5.92E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Cobalt-57	6.83E-01	5.68E-01	1.87E+00		5.90E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Cobalt-57	1.02E+00	7.11E-01	2.34E+00		7.49E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Cobalt-58	-3.25E-01	5.80E-01	1.92E+00		5.85E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Cobalt-58	4.63E-01	8.77E-01	2.92E+00		8.84E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Cobalt-58	1.18E+00	1.71E+00	2.89E+00		1.71E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Cobalt-58	1.59E+00	1.22E+00	2.00E+00		1.23E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Cobalt-58	1.61E-01	5.95E-01	2.04E+00		5.97E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Cobalt-58	-7.56E-01	9.71E-01	3.02E+00		9.87E-01	pCi/L	U

M-8QC(580566001) - Milk	19-May-22	Cobalt-58	-8.46E-03	6.27E-01	2.02E+00		6.27E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Cobalt-58	-1.17E-01	5.09E-01	1.49E+00		5.10E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Cobalt-58	9.82E-01	8.11E-01	2.86E+00		8.43E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Cobalt-58	-5.25E-01	6.39E-01	1.97E+00		6.51E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Cobalt-58	2.85E-01	4.62E-01	1.52E+00		4.67E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Cobalt-58	-1.32E-01	4.80E-01	1.55E+00		4.81E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Cobalt-58	3.76E-02	5.40E-01	1.83E+00		5.40E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Cobalt-58	-1.99E-01	4.58E-01	1.49E+00		4.61E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Cobalt-58	3.85E-01	4.81E-01	1.59E+00		4.89E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Cobalt-58	-1.10E+00	5.78E-01	1.79E+00		6.32E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Cobalt-58	-8.04E-02	6.45E-01	2.18E+00		6.46E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Cobalt-58	-6.26E-01	9.03E-01	2.92E+00		9.15E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Cobalt-60	-2.04E-01	6.22E-01	1.98E+00		6.24E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Cobalt-60	-1.31E+00	9.70E-01	2.97E+00		1.02E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Cobalt-60	-8.10E-01	9.03E-01	2.87E+00		9.23E-01	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Cobalt-60	-1.35E-01	6.65E-01	2.18E+00		6.66E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Cobalt-60	-1.05E+00	7.35E-01	2.19E+00		7.75E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Cobalt-60	-8.08E-01	9.92E-01	3.12E+00		1.01E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Cobalt-60	-1.70E-01	6.48E-01	2.07E+00		6.50E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Cobalt-60	-2.17E-02	5.70E-01	1.83E+00		5.70E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Cobalt-60	5.02E-01	8.79E-01	3.10E+00		8.87E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Cobalt-60	8.32E-01	6.99E-01	2.44E+00		7.26E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Cobalt-60	1.35E+00	5.45E-01	1.97E+00		6.31E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Cobalt-60	4.68E-01	5.86E-01	2.04E+00		5.96E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Cobalt-60	2.51E+00	1.31E+00	2.51E+00		1.61E+00	pCi/L	UI
M-8QC(592476001) - Milk	8-Sep-22	Cobalt-60	-5.28E-01	4.99E-01	1.50E+00		5.14E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Cobalt-60	8.66E-01	5.03E-01	1.79E+00		5.42E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Cobalt-60	4.45E-01	6.58E-01	2.20E+00		6.66E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Cobalt-60	-1.50E+00	8.12E-01	2.42E+00		8.86E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Cobalt-60	7.06E-01	1.11E+00	3.27E+00		1.12E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Iodine-131	-2.58E-01	2.47E-01	8.08E-01	1.00E+00	2.54E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Iodine-131	5.22E-01	2.03E-01	7.55E-01	1.00E+00	2.04E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Iodine-131	1.07E-01	2.48E-01	8.04E-01	1.00E+00	2.49E-01	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Iodine-131	4.33E-01	2.91E-01	9.68E-01	1.00E+00	3.08E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Iodine-131	1.31E-01	2.09E-01	6.85E-01	1.00E+00	2.11E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Iodine-131	-4.67E-02	1.90E-01	6.38E-01	1.00E+00	1.90E-01	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Iodine-131	-4.95E-02	2.99E-01	9.63E-01	1.00E+00	3.00E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Iodine-131	1.15E-01	1.70E-01	5.83E-01	1.00E+00	1.72E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Iodine-131	1.61E-01	3.69E-01	7.34E-01	1.00E+00	3.69E-01	pCi/L	U

M-8QC(586411001) - Milk	14-Jul-22	Iodine-131	-1.23E-01	1.97E-01	6.47E-01	1.00E+00	1.99E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Iodine-131	-1.75E-01	1.96E-01	6.37E-01	1.00E+00	2.00E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Iodine-131	-1.74E-01	2.75E-01	9.10E-01	1.00E+00	2.78E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Iodine-131	3.40E-01	1.85E-01	6.29E-01	1.00E+00	2.01E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Iodine-131	1.71E-01	1.64E-01	5.60E-01	1.00E+00	1.69E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Iodine-131	3.62E-01	2.99E-01	5.01E-01	1.00E+00	2.99E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Iodine-131	1.95E-02	1.96E-01	6.65E-01	1.00E+00	1.96E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Iodine-131	2.88E-01	1.86E-01	6.52E-01	1.00E+00	1.98E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Iodine-131	2.81E-01	2.04E-01	7.19E-01	1.00E+00	2.15E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Iron-59	-2.55E+00	1.37E+00	4.19E+00		1.50E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Iron-59	-1.84E+00	2.14E+00	6.97E+00		2.18E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Iron-59	1.00E+00	2.31E+00	7.62E+00		2.33E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Iron-59	-1.67E+00	1.45E+00	4.67E+00		1.50E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Iron-59	5.77E-01	1.41E+00	4.72E+00		1.42E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Iron-59	2.86E+00	2.19E+00	7.86E+00		2.29E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Iron-59	-1.15E+00	1.66E+00	4.17E+00		1.69E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Iron-59	-9.26E-01	1.25E+00	3.99E+00		1.27E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Iron-59	2.96E+00	1.67E+00	6.05E+00		1.81E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Iron-59	-2.37E+00	1.50E+00	4.76E+00		1.60E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Iron-59	1.44E+00	1.12E+00	3.80E+00		1.17E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Iron-59	1.69E+00	1.27E+00	4.25E+00		1.33E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Iron-59	-2.24E+00	1.36E+00	4.18E+00		1.46E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Iron-59	-1.90E+00	1.07E+00	3.21E+00		1.16E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Iron-59	-3.11E+00	1.35E+00	3.48E+00		1.54E+00	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Iron-59	7.59E-01	1.51E+00	5.05E+00		1.52E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Iron-59	-3.99E+00	2.06E+00	4.84E+00		2.26E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Iron-59	4.95E+00	3.89E+00	5.91E+00		4.06E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Lanthanum-140	1.10E-01	8.89E-01	2.64E+00	1.50E+01	8.89E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Lanthanum-140	-1.10E-01	1.43E+00	4.66E+00	1.50E+01	1.43E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Lanthanum-140	-1.12E+00	1.62E+00	3.85E+00	1.50E+01	1.64E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Lanthanum-140	-4.37E-01	7.66E-01	2.39E+00	1.50E+01	7.73E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Lanthanum-140	-5.01E-01	7.02E-01	2.26E+00	1.50E+01	7.12E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Lanthanum-140	3.62E-01	1.36E+00	4.57E+00	1.50E+01	1.37E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Lanthanum-140	-2.13E+00	8.14E-01	2.19E+00	1.50E+01	9.54E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Lanthanum-140	-4.87E-01	7.22E-01	2.32E+00	1.50E+01	7.30E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Lanthanum-140	7.65E-01	1.05E+00	3.78E+00	1.50E+01	1.07E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Lanthanum-140	-4.19E-02	9.94E-01	3.26E+00	1.50E+01	9.94E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Lanthanum-140	-1.09E+00	7.26E-01	2.17E+00	1.50E+01	7.70E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Lanthanum-140	1.43E+00	6.27E-01	2.22E+00	1.50E+01	7.11E-01	pCi/L	U

M-8QC(591088001) - Milk	25-Aug-22	Lanthanum-140	-9.54E-01	7.06E-01	2.16E+00	1.50E+01	7.41E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Lanthanum-140	-2.95E-01	6.41E-01	2.10E+00	1.50E+01	6.45E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Lanthanum-140	-1.13E+00	5.91E-01	1.72E+00	1.50E+01	6.48E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Lanthanum-140	2.64E-01	9.01E-01	3.07E+00	1.50E+01	9.04E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Lanthanum-140	-1.99E+00	9.03E-01	2.43E+00	1.50E+01	1.02E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Lanthanum-140	-1.28E+00	1.29E+00	3.93E+00	1.50E+01	1.32E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Manganese-54	-3.79E-01	5.99E-01	1.98E+00		6.06E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Manganese-54	1.06E+00	8.28E-01	2.85E+00		8.65E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Manganese-54	4.60E-01	8.56E-01	2.89E+00		8.63E-01	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Manganese-54	3.22E-01	6.50E-01	2.13E+00		6.55E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Manganese-54	9.36E-01	6.25E-01	2.22E+00		6.63E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Manganese-54	5.28E-01	1.01E+00	3.34E+00		1.02E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Manganese-54	-1.35E-01	6.49E-01	2.07E+00		6.50E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Manganese-54	-1.38E-01	4.69E-01	1.56E+00		4.70E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Manganese-54	-9.15E-03	6.58E-01	2.15E+00		6.58E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Manganese-54	-1.50E-01	6.05E-01	1.90E+00		6.06E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Manganese-54	9.17E-01	4.92E-01	1.47E+00		4.93E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Manganese-54	6.71E-01	4.89E-01	1.67E+00		5.14E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Manganese-54	-1.00E+00	8.86E-01	1.95E+00		9.17E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Manganese-54	3.85E-01	4.62E-01	1.57E+00		4.70E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Manganese-54	1.31E-01	4.71E-01	1.53E+00		4.72E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Manganese-54	-2.57E-01	5.85E-01	1.93E+00		5.88E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Manganese-54	-1.50E-01	6.19E-01	2.07E+00		6.20E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Manganese-54	-1.40E+00	7.64E-01	2.30E+00		8.32E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Niobium-95	-7.08E-01	8.27E-01	2.01E+00		8.43E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Niobium-95	7.74E-01	8.37E-01	2.74E+00		8.57E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Niobium-95	6.70E-02	1.22E+00	2.90E+00		1.22E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Niobium-95	5.69E-01	6.15E-01	2.06E+00		6.30E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Niobium-95	8.54E-01	5.98E-01	2.13E+00		6.30E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Niobium-95	-2.14E-01	9.93E-01	3.20E+00		9.95E-01	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Niobium-95	3.78E-01	6.49E-01	2.15E+00		6.55E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Niobium-95	1.47E-01	5.16E-01	1.76E+00		5.17E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Niobium-95	5.50E-01	7.83E-01	2.69E+00		7.94E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Niobium-95	6.40E-01	6.61E-01	1.97E+00		6.78E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Niobium-95	8.19E-02	7.53E-01	1.56E+00		7.53E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Niobium-95	1.40E+00	6.04E-01	1.40E+00		6.08E-01	pCi/L	UI
M-8QC(591088001) - Milk	25-Aug-22	Niobium-95	1.43E+00	5.72E-01	2.00E+00		6.63E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Niobium-95	-5.48E-01	4.51E-01	1.44E+00		4.69E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Niobium-95	3.52E-01	4.87E-01	1.61E+00		4.94E-01	pCi/L	U

M-8QC(598603002) - Milk	27-Oct-22	Niobium-95	-2.56E-01	9.45E-01	2.25E+00		9.47E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Niobium-95	1.53E-01	6.59E-01	2.25E+00		6.60E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Niobium-95	1.13E+00	8.26E-01	2.94E+00		8.68E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Potassium-40	1.42E+03	3.29E+01	1.70E+01		7.55E+01	pCi/L	
M-8QC(567731002) - Milk	13-Jan-22	Potassium-40	1.46E+03	5.00E+01	2.85E+01		8.29E+01	pCi/L	
M-8QC(570224001) - Milk	10-Feb-22	Potassium-40	1.33E+03	4.54E+01	2.73E+01		8.03E+01	pCi/L	
M-8QC(572904001) - Milk	10-Mar-22	Potassium-40	1.51E+03	3.84E+01	1.86E+01		7.96E+01	pCi/L	
M-8QC(575894001) - Milk	7-Apr-22	Potassium-40	1.40E+03	3.74E+01	2.27E+01		7.95E+01	pCi/L	
M-8QC(579115001) - Milk	5-May-22	Potassium-40	1.49E+03	4.99E+01	2.50E+01		8.40E+01	pCi/L	
M-8QC(580566001) - Milk	19-May-22	Potassium-40	1.41E+03	3.59E+01	1.92E+01		7.53E+01	pCi/L	
M-8QC(582720002) - Milk	9-Jun-22	Potassium-40	1.47E+03	2.98E+01	1.41E+01		7.91E+01	pCi/L	
M-8QC(584023002) - Milk	23-Jun-22	Potassium-40	1.46E+03	4.77E+01	1.81E+01		7.92E+01	pCi/L	
M-8QC(586411001) - Milk	14-Jul-22	Potassium-40	1.42E+03	3.43E+01	1.58E+01		7.87E+01	pCi/L	
M-8QC(587735002) - Milk	28-Jul-22	Potassium-40	1.52E+03	2.82E+01	1.38E+01		8.16E+01	pCi/L	
M-8QC(589451001) - Milk	11-Aug-22	Potassium-40	1.49E+03	3.25E+01	1.57E+01		8.35E+01	pCi/L	
M-8QC(591088001) - Milk	25-Aug-22	Potassium-40	1.45E+03	3.33E+01	1.87E+01		7.30E+01	pCi/L	
M-8QC(592476001) - Milk	8-Sep-22	Potassium-40	1.43E+03	2.88E+01	1.46E+01		7.12E+01	pCi/L	
M-8QC(594229001) - Milk	22-Sep-22	Potassium-40	1.40E+03	2.85E+01	1.34E+01		6.91E+01	pCi/L	
M-8QC(598603002) - Milk	27-Oct-22	Potassium-40	1.41E+03	3.77E+01	2.19E+01		7.97E+01	pCi/L	
M-8QC(600513001) - Milk	10-Nov-22	Potassium-40	1.52E+03	3.82E+01	2.16E+01		9.00E+01	pCi/L	
M-8QC(603556001) - Milk	8-Dec-22	Potassium-40	1.55E+03	4.47E+01	2.65E+01		8.93E+01	pCi/L	
M-8 QC(596894001) - Milk	13-Oct-22	Ruthenium-103	-5.39E-01	6.80E-01	1.92E+00		6.91E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Ruthenium-103	-8.08E-01	8.55E-01	2.79E+00		8.75E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Ruthenium-103	-8.70E-02	8.63E-01	2.73E+00		8.64E-01	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Ruthenium-103	-3.52E-01	6.77E-01	1.96E+00		6.82E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Ruthenium-103	1.11E-01	5.71E-01	1.69E+00		5.71E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Ruthenium-103	1.13E+00	9.49E-01	3.33E+00		9.85E-01	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Ruthenium-103	-1.65E-01	6.99E-01	2.08E+00		7.00E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Ruthenium-103	-5.18E-01	5.42E-01	1.53E+00		5.55E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Ruthenium-103	-6.39E-01	7.10E-01	2.29E+00		7.25E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Ruthenium-103	3.66E-01	6.31E-01	2.09E+00		6.36E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Ruthenium-103	2.01E-01	4.78E-01	1.45E+00		4.80E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Ruthenium-103	-3.75E-01	4.81E-01	1.41E+00		4.89E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Ruthenium-103	1.31E-01	5.78E-01	1.72E+00		5.79E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Ruthenium-103	9.06E-01	4.50E-01	1.49E+00		4.98E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Ruthenium-103	1.17E-01	5.02E-01	1.51E+00		5.02E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Ruthenium-103	8.67E-02	5.99E-01	1.96E+00		6.00E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Ruthenium-103	-1.95E+00	9.28E-01	1.98E+00		1.03E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Ruthenium-103	1.71E+00	9.96E-01	2.97E+00		9.99E-01	pCi/L	U

M-8 QC(596894001) - Milk	13-Oct-22	Ruthenium-106	3.44E+00	5.49E+00	1.80E+01		5.55E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Ruthenium-106	-1.21E+00	7.55E+00	2.48E+01		7.55E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Ruthenium-106	1.35E+01	8.37E+00	1.41E+01		8.40E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Ruthenium-106	-4.69E+00	5.21E+00	1.64E+01		5.33E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Ruthenium-106	7.86E+00	5.26E+00	1.80E+01		5.57E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Ruthenium-106	6.60E+00	7.68E+00	2.65E+01		7.84E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Ruthenium-106	-1.27E+00	5.29E+00	1.73E+01		5.30E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Ruthenium-106	3.36E+00	4.45E+00	1.47E+01		4.52E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Ruthenium-106	-2.82E+00	7.09E+00	2.06E+01		7.12E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Ruthenium-106	6.03E+00	4.82E+00	1.63E+01		5.02E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Ruthenium-106	-2.43E+00	4.03E+00	1.30E+01		4.07E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Ruthenium-106	9.52E-01	4.28E+00	1.43E+01		4.29E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Ruthenium-106	8.84E-01	5.27E+00	1.71E+01		5.27E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Ruthenium-106	-4.57E-01	3.96E+00	1.33E+01		3.96E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Ruthenium-106	5.92E+00	4.27E+00	1.46E+01		4.49E+00	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Ruthenium-106	-2.57E+00	5.74E+00	1.80E+01		5.77E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Ruthenium-106	2.54E+00	6.34E+00	1.85E+01		6.37E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Ruthenium-106	-8.81E+00	7.74E+00	2.17E+01		8.01E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Selenium-75	6.49E-02	7.07E-01	2.42E+00		7.07E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Selenium-75	7.01E-01	1.08E+00	3.49E+00		1.09E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Selenium-75	-1.42E+00	1.08E+00	3.42E+00		1.13E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Selenium-75	1.10E+00	7.68E-01	2.72E+00		8.10E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Selenium-75	3.79E-01	7.46E-01	2.59E+00		7.51E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Selenium-75	1.77E+00	1.19E+00	3.96E+00		1.26E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Selenium-75	-7.66E-02	8.22E-01	2.56E+00		8.23E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Selenium-75	-5.06E-01	6.90E-01	2.11E+00		7.01E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Selenium-75	2.39E-01	9.80E-01	3.14E+00		9.82E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Selenium-75	5.07E-01	7.77E-01	2.64E+00		7.86E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Selenium-75	-3.21E-01	6.00E-01	1.84E+00		6.05E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Selenium-75	-1.67E+00	6.61E-01	1.96E+00		7.69E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Selenium-75	-1.98E-01	7.44E-01	2.31E+00		7.46E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Selenium-75	-1.66E-01	6.08E-01	1.95E+00		6.09E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Selenium-75	-1.52E+00	6.14E-01	2.02E+00		7.08E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Selenium-75	-4.55E-01	7.70E-01	2.59E+00		7.77E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Selenium-75	-1.07E+00	1.19E+00	2.88E+00		1.22E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Selenium-75	-4.43E-01	1.06E+00	3.53E+00		1.07E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Silver-108m	2.53E-02	5.41E-01	1.79E+00		5.41E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Silver-108m	-3.55E-01	6.68E-01	2.23E+00		6.73E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Silver-108m	-1.30E+00	7.40E-01	2.20E+00		8.00E-01	pCi/L	U

M-8QC(572904001) - Milk	10-Mar-22	Silver-108m	3.38E-01	5.05E-01	1.73E+00		5.12E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Silver-108m	-7.18E-02	5.20E-01	1.72E+00		5.20E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Silver-108m	-7.31E-01	7.46E-01	2.45E+00		7.65E-01	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Silver-108m	-9.16E-01	9.55E-01	1.99E+00		9.79E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Silver-108m	-4.31E-01	4.22E-01	1.36E+00		4.34E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Silver-108m	6.33E-01	6.29E-01	2.24E+00		6.46E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Silver-108m	2.33E-01	5.16E-01	1.72E+00		5.19E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Silver-108m	-7.14E-02	3.52E-01	1.17E+00		3.53E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Silver-108m	4.73E-01	3.89E-01	1.37E+00		4.05E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Silver-108m	2.34E-01	4.44E-01	1.51E+00		4.48E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Silver-108m	9.75E-02	4.05E-01	1.27E+00		4.06E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Silver-108m	-2.01E-01	4.03E-01	1.33E+00		4.05E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Silver-108m	-1.28E+00	5.10E-01	1.53E+00		5.92E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Silver-108m	-1.26E+00	6.43E-01	1.76E+00		7.06E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Silver-108m	4.69E-02	7.01E-01	2.29E+00		7.01E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Silver-110m	1.13E+00	8.07E-01	2.85E+00		8.50E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Silver-110m	-7.12E-01	1.42E+00	3.94E+00		1.43E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Silver-110m	3.06E+00	1.22E+00	4.48E+00		1.42E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Silver-110m	-2.94E+00	1.35E+00	2.61E+00		1.51E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Silver-110m	4.50E-01	8.89E-01	2.85E+00		8.96E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Silver-110m	-2.07E+00	1.50E+00	3.80E+00		1.57E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Silver-110m	-1.63E+00	8.65E-01	2.53E+00		9.45E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Silver-110m	-9.78E-01	6.49E-01	2.05E+00		6.89E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Silver-110m	1.30E+00	1.18E+00	4.12E+00		1.22E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Silver-110m	3.78E-01	8.85E-01	2.85E+00		8.89E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Silver-110m	-5.81E-02	6.04E-01	1.92E+00		6.04E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Silver-110m	-1.04E-01	7.87E-01	2.26E+00		7.87E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Silver-110m	-3.71E-01	8.01E-01	2.65E+00		8.05E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Silver-110m	-1.41E+00	6.49E-01	1.96E+00		7.28E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Silver-110m	-1.00E+00	6.83E-01	2.07E+00		7.22E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Silver-110m	-1.19E+00	8.18E-01	2.56E+00		8.65E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Silver-110m	-2.07E-01	1.01E+00	2.96E+00		1.01E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Silver-110m	-2.57E+00	1.35E+00	3.74E+00		1.48E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Strontium-89	-1.05E+00	8.03E-01	2.86E+00	1.00E+01	9.02E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Strontium-89	8.91E-01	9.51E-01	2.99E+00	1.00E+01	1.13E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Strontium-89	6.10E-01	4.59E-01	1.36E+00	1.00E+01	5.08E-01	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Strontium-89	-3.40E-01	6.60E-01	2.24E+00	1.00E+01	7.55E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Strontium-89	-4.79E-01	7.71E-01	2.64E+00	1.00E+01	9.64E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Strontium-89	-2.01E-01	4.69E-01	1.59E+00	1.00E+01	5.31E-01	pCi/L	U

M-8QC(580566001) - Milk	19-May-22	Strontium-89	-6.26E-01	8.18E-01	2.79E+00	1.00E+01	9.06E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Strontium-89	2.40E+00	1.17E+00	3.46E+00	1.00E+01	1.22E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Strontium-89	1.45E-03	9.02E-01	2.97E+00	1.00E+01	1.01E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Strontium-89	-1.76E+00	5.68E-01	2.25E+00	1.00E+01	8.65E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Strontium-89	1.70E+00	6.78E-01	1.88E+00	1.00E+01	8.31E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Strontium-89	-4.53E-01	5.05E-01	1.76E+00	1.00E+01	6.63E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Strontium-89	1.56E+00	1.36E+00	4.10E+00	1.00E+01	1.43E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Strontium-89	-2.36E-01	6.69E-01	2.24E+00	1.00E+01	7.10E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Strontium-89	-3.08E-01	4.38E-01	1.53E+00	1.00E+01	6.15E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Strontium-89	-1.30E+00	4.89E-01	1.93E+00	1.00E+01	7.60E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Strontium-89	-3.82E-01	4.34E-01	1.54E+00	1.00E+01	8.08E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Strontium-90	9.53E-01	3.70E-01	1.73E+00	2.00E+00	5.49E-01	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Strontium-90	1.58E-01	3.97E-01	1.35E+00	2.00E+00	4.23E-01	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Strontium-90	-1.89E-01	1.83E-01	7.53E-01	2.00E+00	2.25E-01	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Strontium-90	3.37E-01	2.98E-01	1.73E+00	2.00E+00	5.32E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Strontium-90	9.13E-01	5.18E-01	1.73E+00	2.00E+00	5.97E-01	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Strontium-90	-4.31E-01	1.84E-01	9.89E-01	2.00E+00	2.93E-01	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Strontium-90	-4.18E-01	4.27E-01	1.64E+00	2.00E+00	4.62E-01	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Strontium-90	3.00E-01	2.99E-01	1.32E+00	2.00E+00	4.09E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Strontium-90	9.88E-01	3.14E-01	1.29E+00	2.00E+00	4.15E-01	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Strontium-90	5.06E-02	4.27E-01	1.68E+00	2.00E+00	5.13E-01	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Strontium-90	5.20E-01	4.69E-01	1.44E+00	2.00E+00	4.73E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Strontium-90	-2.81E-01	3.98E-01	1.70E+00	2.00E+00	4.97E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Strontium-90	4.14E-01	4.80E-01	1.75E+00	2.00E+00	5.56E-01	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Strontium-90	-8.05E-01	3.90E-01	1.88E+00	2.00E+00	5.48E-01	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Strontium-90	1.40E+00	1.78E-01	1.87E+00	2.00E+00	6.09E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Strontium-90	8.94E-01	4.76E-01	1.81E+00	2.00E+00	6.02E-01	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Strontium-90	1.06E+00	4.48E-01	1.84E+00	2.00E+00	6.46E-01	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Strontium-90	7.66E-02	4.28E-01	1.77E+00	2.00E+00	5.41E-01	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Zinc-65	-3.63E-01	1.44E+00	4.68E+00		1.44E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Zinc-65	-2.35E+00	2.40E+00	6.74E+00		2.47E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Zinc-65	-3.71E-01	2.33E+00	7.44E+00		2.33E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Zinc-65	8.59E-01	1.47E+00	5.05E+00		1.48E+00	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Zinc-65	-1.88E+00	1.59E+00	4.98E+00		1.65E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Zinc-65	3.54E-01	2.27E+00	7.75E+00		2.27E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Zinc-65	4.08E-01	1.34E+00	4.59E+00		1.34E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Zinc-65	1.25E+00	1.26E+00	4.25E+00		1.29E+00	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Zinc-65	-1.93E-01	1.83E+00	5.82E+00		1.83E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Zinc-65	6.75E-01	1.47E+00	5.01E+00		1.48E+00	pCi/L	U

M-8QC(587735002) - Milk	28-Jul-22	Zinc-65	-2.69E+00	1.52E+00	3.53E+00		1.64E+00	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Zinc-65	-6.18E-01	1.31E+00	4.07E+00		1.31E+00	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Zinc-65	2.12E+00	1.48E+00	5.13E+00		1.56E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Zinc-65	1.83E-01	1.17E+00	3.62E+00		1.17E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Zinc-65	-5.66E-01	1.14E+00	3.80E+00		1.15E+00	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Zinc-65	-1.41E-02	1.71E+00	4.89E+00		1.71E+00	pCi/L	U
M-8QC(600513001) - Milk	10-Nov-22	Zinc-65	-7.44E-01	1.70E+00	5.53E+00		1.71E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Zinc-65	-6.84E-01	2.03E+00	6.49E+00		2.04E+00	pCi/L	U
M-8 QC(596894001) - Milk	13-Oct-22	Zirconium-95	-8.58E-01	1.01E+00	3.32E+00		1.03E+00	pCi/L	U
M-8QC(567731002) - Milk	13-Jan-22	Zirconium-95	3.48E-01	1.90E+00	4.46E+00		1.90E+00	pCi/L	U
M-8QC(570224001) - Milk	10-Feb-22	Zirconium-95	1.13E+00	1.54E+00	5.29E+00		1.56E+00	pCi/L	U
M-8QC(572904001) - Milk	10-Mar-22	Zirconium-95	5.26E-03	9.78E-01	3.15E+00		9.78E-01	pCi/L	U
M-8QC(575894001) - Milk	7-Apr-22	Zirconium-95	-2.07E-01	1.08E+00	3.40E+00		1.09E+00	pCi/L	U
M-8QC(579115001) - Milk	5-May-22	Zirconium-95	-2.68E+00	1.72E+00	5.16E+00		1.83E+00	pCi/L	U
M-8QC(580566001) - Milk	19-May-22	Zirconium-95	2.73E+00	1.79E+00	3.37E+00		1.79E+00	pCi/L	U
M-8QC(582720002) - Milk	9-Jun-22	Zirconium-95	6.21E-01	8.79E-01	3.04E+00		8.91E-01	pCi/L	U
M-8QC(584023002) - Milk	23-Jun-22	Zirconium-95	-1.64E+00	1.45E+00	4.45E+00		1.50E+00	pCi/L	U
M-8QC(586411001) - Milk	14-Jul-22	Zirconium-95	-1.66E+00	1.27E+00	3.34E+00		1.32E+00	pCi/L	U
M-8QC(587735002) - Milk	28-Jul-22	Zirconium-95	9.94E-01	8.04E-01	2.71E+00		8.37E-01	pCi/L	U
M-8QC(589451001) - Milk	11-Aug-22	Zirconium-95	8.02E-01	8.98E-01	3.04E+00		9.17E-01	pCi/L	U
M-8QC(591088001) - Milk	25-Aug-22	Zirconium-95	1.99E+00	1.08E+00	3.69E+00		1.18E+00	pCi/L	U
M-8QC(592476001) - Milk	8-Sep-22	Zirconium-95	2.49E+00	1.23E+00	2.95E+00		1.36E+00	pCi/L	U
M-8QC(594229001) - Milk	22-Sep-22	Zirconium-95	1.51E+00	8.81E-01	3.01E+00		9.49E-01	pCi/L	U
M-8QC(598603002) - Milk	27-Oct-22	Zirconium-95	4.01E+00	2.56E+00	4.01E+00		2.82E+00	pCi/L	UI
M-8QC(600513001) - Milk	10-Nov-22	Zirconium-95	-1.62E+00	1.11E+00	3.61E+00		1.18E+00	pCi/L	U
M-8QC(603556001) - Milk	8-Dec-22	Zirconium-95	-4.40E-01	1.57E+00	5.19E+00		1.57E+00	pCi/L	U

S-1

Sediment

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
S-1(582674002) - Sediment	1-Jun-22	Actinium-228	7.54E+02	1.29E+02	1.74E+02		1.33E+02	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Actinium-228	7.36E+02	1.16E+02	1.82E+02		1.21E+02	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Antimony-124	-2.17E+01	2.48E+01	6.89E+01		2.53E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Antimony-124	6.31E+01	3.11E+01	1.30E+02		3.44E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Antimony-125	-1.78E+01	3.20E+01	1.08E+02		3.22E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Antimony-125	-3.26E+00	4.01E+01	1.22E+02		4.01E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Barium-140	-9.93E-01	8.82E+01	2.99E+02		8.82E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Barium-140	6.62E+02	5.01E+02	1.06E+03		5.24E+02	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Beryllium-7	-2.04E+01	1.22E+02	4.15E+02		1.22E+02	pCi/kg	U

S-1(601369002) - Sediment	27-Oct-22	Beryllium-7	-1.04E+02	1.60E+02	5.36E+02		1.62E+02	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Bismuth-214	5.45E+02	6.46E+01	7.28E+01		7.01E+01	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Bismuth-214	7.42E+02	7.80E+01	9.09E+01		8.48E+01	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Cerium-141	2.26E+01	1.71E+01	5.88E+01		1.79E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Cerium-141	-8.64E+00	3.45E+01	1.19E+02		3.46E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Cerium-144	5.60E+01	4.80E+01	1.77E+02		4.98E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Cerium-144	2.18E+01	8.18E+01	2.76E+02		8.20E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Cesium-134	3.75E+01	1.63E+01	6.41E+01	1.50E+02	1.85E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Cesium-134	2.20E+01	1.80E+01	6.34E+01	1.50E+02	1.87E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Cesium-137	8.64E+01	2.68E+01	4.75E+01	1.80E+02	2.71E+01	pCi/kg	M
S-1(601369002) - Sediment	27-Oct-22	Cesium-137	2.29E+01	3.16E+01	4.96E+01	1.80E+02	3.16E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Chromium-51	-2.16E+02	1.30E+02	3.78E+02		1.40E+02	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Chromium-51	1.89E+00	2.13E+02	7.01E+02		2.13E+02	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Cobalt-57	-3.32E+00	6.30E+00	2.20E+01		6.35E+00	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Cobalt-57	1.41E+01	9.83E+00	3.59E+01		1.04E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Cobalt-58	2.94E+00	1.54E+01	5.41E+01		1.54E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Cobalt-58	4.88E+01	1.51E+01	5.77E+01		1.52E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Cobalt-60	-2.37E+01	1.24E+01	2.86E+01		1.36E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Cobalt-60	-3.42E+00	1.36E+01	4.42E+01		1.36E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Iron-59	-1.66E+01	3.22E+01	1.03E+02		3.24E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Iron-59	3.71E+01	5.26E+01	1.85E+02		5.33E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Lanthanum-140	4.82E+00	4.03E+01	1.21E+02		4.03E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Lanthanum-140	-1.56E+02	9.56E+01	2.57E+02		1.02E+02	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Lead-212	6.86E+02	4.07E+01	5.44E+01		5.04E+01	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Lead-212	8.35E+02	5.22E+01	7.83E+01		6.51E+01	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Lead-214	8.95E+02	5.72E+01	7.06E+01		6.78E+01	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Lead-214	1.06E+03	7.98E+01	8.99E+01		9.44E+01	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Manganese-54	2.55E+01	1.37E+01	5.28E+01		1.49E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Manganese-54	4.12E+01	1.66E+01	5.76E+01		1.92E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Niobium-95	-7.14E+00	1.87E+01	5.91E+01		1.87E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Niobium-95	9.28E+00	2.29E+01	7.73E+01		2.30E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Potassium-40	1.46E+04	7.10E+02	4.31E+02		9.52E+02	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Potassium-40	1.69E+04	7.40E+02	4.36E+02		1.09E+03	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Radium-226	5.45E+02	6.46E+01	7.28E+01		7.01E+01	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Radium-226	1.06E+03	7.98E+01	8.99E+01		9.44E+01	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Ruthenium-103	3.68E+01	2.72E+01	4.46E+01		2.73E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Ruthenium-103	1.29E+01	2.07E+01	7.32E+01		2.10E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Ruthenium-106	2.92E+01	1.19E+02	4.04E+02		1.19E+02	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Ruthenium-106	4.45E+00	1.28E+02	4.33E+02		1.28E+02	pCi/kg	U

S-1(582674002) - Sediment	1-Jun-22	Selenium-75	-1.71E+00	1.51E+01	4.96E+01		1.51E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Selenium-75	7.36E+00	1.94E+01	5.92E+01		1.95E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Silver-108m	-1.25E+01	1.04E+01	3.36E+01		1.08E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Silver-108m	1.00E+01	1.46E+01	3.40E+01		1.48E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Silver-110m	1.04E+01	2.02E+01	7.18E+01		2.03E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Silver-110m	1.03E+01	2.27E+01	7.63E+01		2.28E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Strontium-89	-1.02E+02	4.68E+01	1.61E+02	3.00E+02	1.34E+02	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Strontium-89	1.72E+01	6.11E+01	1.96E+02	3.00E+02	8.52E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Strontium-90	1.15E+02	7.12E+01	2.07E+02	3.00E+02	7.12E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Strontium-90	-3.03E+01	3.34E+01	1.47E+02	3.00E+02	4.20E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Thallium-208	2.03E+02	3.94E+01	4.13E+01		4.07E+01	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Thallium-208	1.88E+02	3.15E+01	4.96E+01		3.27E+01	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Thorium-228	6.86E+02	4.07E+01	5.44E+01		5.04E+01	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Thorium-228	8.35E+02	5.22E+01	7.83E+01		6.51E+01	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Thorium-230	5.45E+02	6.46E+01	7.28E+01		7.01E+01	pCi/kg	
S-1(601369002) - Sediment	27-Oct-22	Thorium-230	1.06E+03	7.98E+01	8.99E+01		9.44E+01	pCi/kg	
S-1(582674002) - Sediment	1-Jun-22	Zinc-65	-8.31E+01	4.23E+01	9.83E+01		4.66E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Zinc-65	1.94E+01	4.52E+01	1.38E+02		4.54E+01	pCi/kg	U
S-1(582674002) - Sediment	1-Jun-22	Zirconium-95	-1.52E+01	2.73E+01	8.47E+01		2.75E+01	pCi/kg	U
S-1(601369002) - Sediment	27-Oct-22	Zirconium-95	-2.84E+01	3.44E+01	1.08E+02		3.51E+01	pCi/kg	U

S-2

Sediment

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
S-2(582674004) - Sediment	1-Jun-22	Actinium-228	9.47E+02	1.45E+02	1.98E+02		1.53E+02	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Actinium-228	9.92E+02	1.57E+02	2.12E+02		1.65E+02	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Antimony-124	-2.97E+01	3.33E+01	9.41E+01		3.40E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Antimony-124	-5.99E+01	3.70E+01	5.03E+01		3.96E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Antimony-125	4.50E+01	3.60E+01	1.31E+02		3.75E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Antimony-125	-4.16E+01	3.76E+01	1.21E+02		3.89E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Barium-140	5.12E+00	1.13E+02	3.84E+02		1.13E+02	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Barium-140	-9.69E+01	2.88E+02	9.46E+02		2.89E+02	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Beryllium-7	-1.56E+02	1.32E+02	4.21E+02		1.37E+02	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Beryllium-7	-1.71E+02	1.74E+02	5.59E+02		1.78E+02	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Bismuth-214	8.81E+02	7.62E+01	9.05E+01		8.49E+01	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Bismuth-214	1.21E+03	1.05E+02	1.05E+02		1.17E+02	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Cerium-141	-3.34E+01	2.87E+01	8.67E+01		2.98E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Cerium-141	7.83E+01	6.99E+01	1.38E+02		7.22E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Cerium-144	1.39E+01	8.19E+01	2.59E+02		8.20E+01	pCi/kg	U

S-2(601369003) - Sediment	27-Oct-22	Cerium-144	-3.42E+01	8.95E+01	2.92E+02		8.99E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Cesium-134	4.75E+01	2.88E+01	4.75E+01	1.50E+02	2.93E+01	pCi/kg	UI
S-2(601369003) - Sediment	27-Oct-22	Cesium-134	6.10E+01	1.94E+01	7.42E+01	1.50E+02	2.41E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Cesium-137	-4.61E+00	1.57E+01	5.13E+01	1.80E+02	1.58E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Cesium-137	1.94E+01	1.64E+01	5.23E+01	1.80E+02	1.64E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Chromium-51	2.66E+01	1.50E+02	5.33E+02		1.50E+02	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Chromium-51	-4.41E+01	2.40E+02	8.27E+02		2.40E+02	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Cobalt-57	1.20E+01	1.04E+01	3.70E+01		1.08E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Cobalt-57	5.20E+00	1.15E+01	3.89E+01		1.16E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Cobalt-58	-5.47E+00	1.60E+01	5.08E+01		1.61E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Cobalt-58	4.25E+00	1.98E+01	6.50E+01		1.98E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Cobalt-60	9.54E+00	1.57E+01	5.53E+01		1.59E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Cobalt-60	-1.63E+01	2.00E+01	6.28E+01		2.04E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Iron-59	1.97E+01	3.87E+01	1.36E+02		3.90E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Iron-59	3.68E+01	5.57E+01	1.96E+02		5.63E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Lanthanum-140	-1.11E+02	3.94E+01	7.80E+01		4.72E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Lanthanum-140	1.27E+02	1.09E+02	3.95E+02		1.13E+02	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Lead-212	1.17E+03	5.76E+01	7.52E+01		8.08E+01	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Lead-212	1.16E+03	5.81E+01	8.34E+01		8.10E+01	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Lead-214	1.41E+03	9.41E+01	2.88E+02		1.13E+02	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Lead-214	1.42E+03	8.88E+01	1.01E+02		1.12E+02	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Manganese-54	8.97E+00	1.36E+01	4.64E+01		1.37E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Manganese-54	-3.89E+00	1.66E+01	5.28E+01		1.66E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Niobium-95	2.71E+01	2.49E+01	5.71E+01		2.50E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Niobium-95	2.08E+01	2.25E+01	7.06E+01		2.31E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Potassium-40	2.18E+04	8.58E+02	4.42E+02		1.41E+03	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Potassium-40	2.28E+04	8.39E+02	4.78E+02		1.46E+03	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Radium-226	8.81E+02	7.62E+01	9.05E+01		8.49E+01	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Radium-226	1.42E+03	8.88E+01	1.01E+02		1.12E+02	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Ruthenium-103	-9.55E+00	1.46E+01	4.77E+01		1.48E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Ruthenium-103	1.52E+01	2.41E+01	8.34E+01		2.43E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Ruthenium-106	-4.17E+01	1.34E+02	4.38E+02		1.34E+02	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Ruthenium-106	9.39E+01	1.42E+02	4.88E+02		1.44E+02	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Selenium-75	-8.02E+00	1.83E+01	5.66E+01		1.84E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Selenium-75	4.49E+01	2.27E+01	7.78E+01		2.50E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Silver-108m	-1.72E+00	1.12E+01	3.83E+01		1.12E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Silver-108m	-5.12E+00	1.16E+01	3.86E+01		1.17E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Silver-110m	-1.49E+01	2.11E+01	6.42E+01		2.14E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Silver-110m	3.57E+01	2.25E+01	8.04E+01		2.40E+01	pCi/kg	U

S-2(582674004) - Sediment	1-Jun-22	Strontium-89	1.07E+02	7.76E+01	2.48E+02	3.00E+02	1.46E+02	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Strontium-89	-4.35E+02	3.89E+01	2.11E+02	3.00E+02	1.21E+02	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Strontium-90	-9.68E+01	8.12E+01	2.81E+02	3.00E+02	8.12E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Strontium-90	2.13E+02	7.34E+01	2.64E+02	3.00E+02	9.46E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Thallium-208	2.96E+02	4.05E+01	5.03E+01		4.24E+01	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Thallium-208	2.66E+02	3.84E+01	5.22E+01		4.02E+01	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Thorium-228	1.17E+03	5.76E+01	7.52E+01		8.08E+01	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Thorium-228	1.16E+03	5.81E+01	8.34E+01		8.10E+01	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Thorium-230	8.81E+02	7.62E+01	9.05E+01		8.49E+01	pCi/kg	
S-2(601369003) - Sediment	27-Oct-22	Thorium-230	1.42E+03	8.88E+01	1.01E+02		1.12E+02	pCi/kg	
S-2(582674004) - Sediment	1-Jun-22	Zinc-65	-1.16E+01	4.33E+01	1.27E+02		4.34E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Zinc-65	3.98E+01	4.35E+01	1.40E+02		4.45E+01	pCi/kg	U
S-2(582674004) - Sediment	1-Jun-22	Zirconium-95	-1.02E+00	3.20E+01	1.05E+02		3.20E+01	pCi/kg	U
S-2(601369003) - Sediment	27-Oct-22	Zirconium-95	-1.38E+01	3.84E+01	1.22E+02		3.85E+01	pCi/kg	U

S-3

Sediment

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
S-3(582674001) - Sediment	2-Jun-22	Actinium-228	2.43E+02	6.35E+01	1.11E+02		6.46E+01	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Actinium-228	1.25E+02	6.45E+01	1.91E+02		7.09E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Antimony-124	1.44E+01	1.53E+01	5.79E+01		1.56E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Antimony-124	-4.93E+01	2.32E+01	4.89E+01		2.59E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Antimony-125	1.81E+01	1.66E+01	6.25E+01		1.71E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Antimony-125	1.75E+01	2.21E+01	7.85E+01		2.25E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Barium-140	-1.36E+01	5.55E+01	1.88E+02		5.56E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Barium-140	-1.18E+02	1.86E+02	5.95E+02		1.88E+02	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Beryllium-7	1.48E+02	6.93E+01	2.69E+02		7.74E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Beryllium-7	-1.71E+02	9.51E+01	2.81E+02		1.03E+02	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Bismuth-214	2.15E+02	5.27E+01	4.72E+01		5.36E+01	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Bismuth-214	2.16E+02	3.69E+01	4.28E+01		3.81E+01	pCi/kg	
S-3(582674001) - Sediment	2-Jun-22	Cerium-141	-1.98E+01	1.15E+01	3.86E+01		1.24E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Cerium-141	-6.62E+01	2.60E+01	6.47E+01		3.03E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Cerium-144	-4.03E+01	3.48E+01	1.21E+02		3.60E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Cerium-144	-4.59E+01	5.10E+01	1.67E+02		5.22E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Cesium-134	8.26E+00	7.81E+00	2.93E+01	1.50E+02	8.05E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Cesium-134	2.74E+01	1.15E+01	4.44E+01	1.50E+02	1.31E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Cesium-137	7.07E-01	8.32E+00	2.77E+01	1.80E+02	8.32E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Cesium-137	8.18E+00	1.04E+01	3.40E+01	1.80E+02	1.06E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Chromium-51	9.16E+00	6.68E+01	2.46E+02		6.68E+01	pCi/kg	U

S-3(601369001) - Sediment	27-Oct-22	Chromium-51	1.63E+02	1.36E+02	5.00E+02		1.41E+02	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Cobalt-57	-1.33E+01	4.74E+00	1.56E+01		5.66E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Cobalt-57	9.72E+00	6.09E+00	2.21E+01		6.50E+00	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Cobalt-58	3.53E+00	7.49E+00	2.71E+01		7.54E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Cobalt-58	-2.35E+00	1.20E+01	4.06E+01		1.20E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Cobalt-60	5.26E+00	8.45E+00	2.94E+01		8.54E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Cobalt-60	1.32E+01	1.22E+01	4.30E+01		1.26E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Iron-59	1.45E+01	2.02E+01	7.14E+01		2.04E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Iron-59	-7.01E+01	3.80E+01	1.10E+02		4.14E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Lanthanum-140	1.54E+00	1.34E+01	4.60E+01		1.34E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Lanthanum-140	2.96E+01	4.48E+01	1.64E+02		4.54E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Lead-212	2.67E+02	3.20E+01	3.89E+01		3.39E+01	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Lead-212	1.40E+02	3.23E+01	5.25E+01		3.29E+01	pCi/kg	
S-3(582674001) - Sediment	2-Jun-22	Lead-214	3.18E+02	4.48E+01	1.11E+02		4.68E+01	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Lead-214	2.60E+02	4.23E+01	6.05E+01		4.37E+01	pCi/kg	
S-3(582674001) - Sediment	2-Jun-22	Manganese-54	-9.41E-01	9.23E+00	2.81E+01		9.23E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Manganese-54	-2.86E+00	9.23E+00	3.08E+01		9.25E+00	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Niobium-95	3.87E+00	7.57E+00	2.76E+01		7.62E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Niobium-95	1.84E+01	2.56E+01	4.05E+01		2.57E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Potassium-40	1.01E+04	4.26E+02	2.68E+02		6.31E+02	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Potassium-40	1.33E+04	5.21E+02	3.37E+02		8.22E+02	pCi/kg	
S-3(582674001) - Sediment	2-Jun-22	Radium-226	2.15E+02	5.27E+01	4.72E+01		5.36E+01	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Radium-226	2.60E+02	4.23E+01	6.05E+01		4.37E+01	pCi/kg	
S-3(582674001) - Sediment	2-Jun-22	Ruthenium-103	6.28E+00	8.07E+00	2.93E+01		8.20E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Ruthenium-103	-1.13E+01	1.41E+01	4.50E+01		1.44E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Ruthenium-106	1.22E+02	1.10E+02	2.25E+02		1.11E+02	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Ruthenium-106	-7.41E+01	8.19E+01	2.74E+02		8.37E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Selenium-75	-9.19E+00	8.07E+00	2.54E+01		8.35E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Selenium-75	-1.94E+00	1.04E+01	3.67E+01		1.04E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Silver-108m	-5.41E+00	5.56E+00	1.85E+01		5.71E+00	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Silver-108m	1.04E+01	6.62E+00	2.46E+01		7.05E+00	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Silver-110m	-3.02E+00	1.00E+01	3.40E+01		1.01E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Silver-110m	3.75E+00	1.33E+01	4.61E+01		1.34E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Strontium-89	8.66E+01	8.41E+01	2.54E+02	3.00E+02	1.43E+02	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Strontium-89	-4.97E+01	6.03E+01	2.11E+02	3.00E+02	9.41E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Strontium-90	-1.01E+02	8.07E+01	2.81E+02	3.00E+02	8.07E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Strontium-90	2.10E+01	4.26E+01	1.72E+02	3.00E+02	5.37E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Thallium-208	1.16E+02	1.90E+01	2.34E+01		1.97E+01	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Thallium-208	7.61E+01	2.23E+01	2.65E+01		2.26E+01	pCi/kg	

S-3(582674001) - Sediment	2-Jun-22	Thorium-228	2.67E+02	3.20E+01	3.89E+01		3.39E+01	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Thorium-228	1.40E+02	3.23E+01	5.25E+01		3.29E+01	pCi/kg	
S-3(582674001) - Sediment	2-Jun-22	Thorium-230	2.15E+02	5.27E+01	4.72E+01		5.36E+01	pCi/kg	
S-3(601369001) - Sediment	27-Oct-22	Thorium-230	2.60E+02	4.23E+01	6.05E+01		4.37E+01	pCi/kg	
S-3(582674001) - Sediment	2-Jun-22	Zinc-65	-1.83E+01	2.19E+01	5.86E+01		2.24E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Zinc-65	2.80E+01	2.50E+01	8.10E+01		2.58E+01	pCi/kg	U
S-3(582674001) - Sediment	2-Jun-22	Zirconium-95	5.50E+00	1.39E+01	5.02E+01		1.39E+01	pCi/kg	U
S-3(601369001) - Sediment	27-Oct-22	Zirconium-95	-2.44E+01	1.80E+01	5.53E+01		1.88E+01	pCi/kg	U

S-4

Sediment

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
S-4(582674005) - Sediment	1-Jun-22	Actinium-228	8.94E+01	6.82E+01	9.94E+01		6.84E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Actinium-228	1.46E+02	5.73E+01	1.20E+02		5.77E+01	pCi/kg	
S-4(582674005) - Sediment	1-Jun-22	Antimony-124	4.16E+00	1.53E+01	5.28E+01		1.53E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Antimony-124	2.71E+01	1.99E+01	7.74E+01		2.09E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Antimony-125	2.55E+01	1.61E+01	6.27E+01		1.71E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Antimony-125	7.69E+01	3.08E+01	8.10E+01		3.57E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Barium-140	-4.64E+01	5.31E+01	1.71E+02		5.42E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Barium-140	-1.47E+00	4.84E+01	1.65E+02		4.84E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Beryllium-7	-1.25E+02	7.14E+01	2.22E+02		7.71E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Beryllium-7	1.50E+02	7.85E+01	3.01E+02		8.60E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Bismuth-214	1.28E+02	4.38E+01	5.79E+01		4.41E+01	pCi/kg	
S-4(601369005) - Sediment	16-Nov-22	Bismuth-214	2.92E+02	5.28E+01	6.28E+01		5.43E+01	pCi/kg	
S-4(582674005) - Sediment	1-Jun-22	Cerium-141	-2.93E+00	1.28E+01	4.31E+01		1.28E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Cerium-141	9.52E+00	1.27E+01	4.55E+01		1.29E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Cerium-144	-2.53E+01	3.48E+01	1.18E+02		3.53E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Cerium-144	9.34E+01	5.69E+01	1.22E+02		5.71E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Cesium-134	-1.59E+00	8.65E+00	2.83E+01	1.50E+02	8.66E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Cesium-134	-1.04E-01	7.43E+00	2.43E+01	1.50E+02	7.43E+00	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Cesium-137	-1.72E+01	8.55E+00	2.27E+01	1.80E+02	9.46E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Cesium-137	4.29E+00	1.01E+01	3.26E+01	1.80E+02	1.02E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Chromium-51	1.81E+00	7.01E+01	2.55E+02		7.01E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Chromium-51	-2.01E+01	7.59E+01	2.69E+02		7.61E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Cobalt-57	2.43E+00	4.15E+00	1.52E+01		4.19E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Cobalt-57	1.94E+00	5.13E+00	1.83E+01		5.15E+00	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Cobalt-58	3.24E+00	8.36E+00	2.87E+01		8.40E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Cobalt-58	9.80E+00	8.24E+00	3.01E+01		8.55E+00	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Cobalt-60	1.51E+01	9.89E+00	3.79E+01		1.05E+01	pCi/kg	U

S-4(601369005) - Sediment	16-Nov-22	Cobalt-60	-5.44E+00	9.81E+00	3.08E+01		9.89E+00	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Iron-59	6.06E+00	1.92E+01	6.79E+01		1.92E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Iron-59	5.79E+01	2.99E+01	8.53E+01		3.29E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Lanthanum-140	-1.27E+01	1.77E+01	5.15E+01		1.80E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Lanthanum-140	-2.06E+01	2.19E+01	6.31E+01		2.25E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Lead-212	1.35E+02	2.76E+01	3.58E+01		2.82E+01	pCi/kg	
S-4(601369005) - Sediment	16-Nov-22	Lead-212	2.05E+02	3.34E+01	5.00E+01		3.45E+01	pCi/kg	
S-4(582674005) - Sediment	1-Jun-22	Lead-214	1.82E+02	3.49E+01	5.25E+01		3.57E+01	pCi/kg	
S-4(601369005) - Sediment	16-Nov-22	Lead-214	3.41E+02	5.72E+01	5.73E+01		5.90E+01	pCi/kg	
S-4(582674005) - Sediment	1-Jun-22	Manganese-54	6.95E+00	8.16E+00	2.89E+01		8.33E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Manganese-54	6.24E+00	9.62E+00	3.20E+01		9.73E+00	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Niobium-95	-5.72E+00	8.75E+00	2.76E+01		8.86E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Niobium-95	-8.06E+00	9.90E+00	2.60E+01		1.01E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Potassium-40	1.02E+04	4.61E+02	1.81E+02		6.72E+02	pCi/kg	
S-4(601369005) - Sediment	16-Nov-22	Potassium-40	1.10E+04	4.89E+02	2.58E+02		7.27E+02	pCi/kg	
S-4(582674005) - Sediment	1-Jun-22	Radium-226	1.28E+02	4.38E+01	5.79E+01		4.41E+01	pCi/kg	
S-4(601369005) - Sediment	16-Nov-22	Radium-226	3.41E+02	5.72E+01	5.73E+01		5.90E+01	pCi/kg	
S-4(582674005) - Sediment	1-Jun-22	Ruthenium-103	-6.74E+00	8.64E+00	2.86E+01		8.79E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Ruthenium-103	-5.41E+00	8.84E+00	2.92E+01		8.93E+00	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Ruthenium-106	-3.96E+01	6.53E+01	2.12E+02		6.60E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Ruthenium-106	3.20E+01	6.93E+01	2.42E+02		6.97E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Selenium-75	5.64E+00	8.83E+00	3.34E+01		8.93E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Selenium-75	-6.39E+00	9.57E+00	3.39E+01		9.68E+00	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Silver-108m	3.84E+00	5.58E+00	2.06E+01		5.66E+00	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Silver-108m	-3.85E+00	6.31E+00	2.11E+01		6.37E+00	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Silver-110m	2.60E+00	1.22E+01	4.08E+01		1.22E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Silver-110m	1.63E+01	1.20E+01	4.59E+01		1.26E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Strontium-89	-1.82E+02	6.22E+01	2.16E+02	3.00E+02	1.54E+02	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Strontium-89	-9.91E+01	3.39E+01	1.37E+02	3.00E+02	5.87E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Strontium-90	1.22E+02	8.57E+01	2.59E+02	3.00E+02	8.57E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Strontium-90	1.67E+01	4.26E+01	1.73E+02	3.00E+02	5.36E+01	pCi/kg	U
S-4(582674005) - Sediment	1-Jun-22	Thallium-208	5.42E+01	1.69E+01	2.54E+01		1.71E+01	pCi/kg	
S-4(601369005) - Sediment	16-Nov-22	Thallium-208	2.61E+01	2.14E+01	2.61E+01		2.14E+01	pCi/kg	UI
S-4(582674005) - Sediment	1-Jun-22	Thorium-228	1.35E+02	2.76E+01	3.58E+01		2.82E+01	pCi/kg	
S-4(601369005) - Sediment	16-Nov-22	Thorium-228	2.05E+02	3.34E+01	5.00E+01		3.45E+01	pCi/kg	
S-4(582674005) - Sediment	1-Jun-22	Thorium-230	1.28E+02	4.38E+01	5.79E+01		4.41E+01	pCi/kg	
S-4(601369005) - Sediment	16-Nov-22	Thorium-230	3.41E+02	5.72E+01	5.73E+01		5.90E+01	pCi/kg	
S-4(582674005) - Sediment	1-Jun-22	Zinc-65	2.12E+01	1.98E+01	6.76E+01		2.04E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Zinc-65	-1.07E+01	2.16E+01	7.08E+01		2.18E+01	pCi/kg	U

S-4(582674005) - Sediment	1-Jun-22	Zirconium-95	-2.60E+01	1.55E+01	4.36E+01		1.67E+01	pCi/kg	U
S-4(601369005) - Sediment	16-Nov-22	Zirconium-95	-2.30E+00	1.47E+01	4.76E+01		1.47E+01	pCi/kg	U

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Sediment

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
S-5(582674003) - Sediment	23-May-22	Actinium-228	5.55E+02	9.10E+01	9.36E+01		9.59E+01	pCi/kg	
S-5(601369004) - Sediment	13-Oct-22	Actinium-228	3.70E+02	8.75E+01	1.17E+02		8.98E+01	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Antimony-124	0.00E+00	2.22E+01	7.46E+01		0.00E+00	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Antimony-124	2.55E+00	2.10E+01	7.22E+01		2.10E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Antimony-125	-1.68E+01	2.06E+01	6.36E+01		2.10E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Antimony-125	-1.50E+01	2.14E+01	7.41E+01		2.17E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Barium-140	-3.41E+01	1.02E+02	3.55E+02		1.03E+02	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Barium-140	2.29E+02	2.96E+02	1.09E+03		3.01E+02	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Beryllium-7	3.56E+01	7.52E+01	2.68E+02		7.57E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Beryllium-7	2.96E+02	2.77E+02	3.70E+02		2.77E+02	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Bismuth-214	5.42E+02	4.53E+01	4.82E+01		5.38E+01	pCi/kg	
S-5(601369004) - Sediment	13-Oct-22	Bismuth-214	4.26E+02	4.15E+01	4.71E+01		4.74E+01	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Cerium-141	1.92E+01	1.54E+01	5.73E+01		1.61E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Cerium-141	-4.32E+01	2.69E+01	8.39E+01		2.88E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Cerium-144	-6.66E+01	3.88E+01	1.31E+02		4.19E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Cerium-144	3.15E+01	4.46E+01	1.61E+02		4.53E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Cesium-134	2.64E+01	1.04E+01	4.04E+01	1.50E+02	1.21E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Cesium-134	3.08E+01	2.36E+01	3.08E+01	1.50E+02	2.38E+01	pCi/kg	UI
S-5(582674003) - Sediment	23-May-22	Cesium-137	2.91E+01	1.54E+01	2.91E+01	1.80E+02	1.55E+01	pCi/kg	UI
S-5(601369004) - Sediment	13-Oct-22	Cesium-137	3.29E+01	1.70E+01	3.29E+01	1.80E+02	1.71E+01	pCi/kg	UI
S-5(582674003) - Sediment	23-May-22	Chromium-51	-1.37E+01	1.08E+02	3.58E+02		1.08E+02	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Chromium-51	-2.45E+02	1.96E+02	6.07E+02		2.04E+02	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Cobalt-57	-3.51E+00	5.32E+00	1.89E+01		5.39E+00	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Cobalt-57	9.75E-01	5.19E+00	1.85E+01		5.20E+00	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Cobalt-58	-9.24E-01	8.04E+00	2.70E+01		8.05E+00	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Cobalt-58	2.14E+01	1.29E+01	4.82E+01		1.38E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Cobalt-60	1.00E+01	9.13E+00	3.27E+01		9.43E+00	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Cobalt-60	-3.00E+00	9.82E+00	3.06E+01		9.84E+00	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Iron-59	-1.11E+01	2.71E+01	8.61E+01		2.72E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Iron-59	1.11E+01	3.64E+01	1.23E+02		3.65E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Lanthanum-140	-5.19E+00	3.38E+01	1.13E+02		3.38E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Lanthanum-140	7.17E+01	9.94E+01	3.38E+02		1.01E+02	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Lead-212	5.96E+02	4.30E+01	4.52E+01		5.65E+01	pCi/kg	

S-5(601369004) - Sediment	13-Oct-22	Lead-212	5.84E+02	3.27E+01	4.35E+01		4.86E+01	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Lead-214	6.37E+02	5.07E+01	4.62E+01		5.84E+01	pCi/kg	
S-5(601369004) - Sediment	13-Oct-22	Lead-214	7.44E+02	4.88E+01	5.02E+01		5.94E+01	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Manganese-54	2.07E+01	1.13E+01	2.71E+01		1.13E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Manganese-54	6.22E-01	9.48E+00	3.21E+01		9.48E+00	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Niobium-95	2.65E+01	8.88E+00	3.29E+01		1.09E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Niobium-95	1.23E+01	1.43E+01	4.69E+01		1.46E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Potassium-40	1.35E+04	5.00E+02	2.42E+02		7.78E+02	pCi/kg	
S-5(601369004) - Sediment	13-Oct-22	Potassium-40	1.23E+04	4.76E+02	2.22E+02		7.23E+02	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Radium-226	5.42E+02	4.53E+01	4.82E+01		5.38E+01	pCi/kg	
S-5(601369004) - Sediment	13-Oct-22	Radium-226	7.44E+02	4.88E+01	5.02E+01		5.94E+01	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Ruthenium-103	-7.32E+00	1.05E+01	3.61E+01		1.07E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Ruthenium-103	-2.35E+01	1.52E+01	4.91E+01		1.62E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Ruthenium-106	7.70E+01	6.67E+01	2.48E+02		6.91E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Ruthenium-106	2.69E+01	7.75E+01	2.74E+02		7.78E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Selenium-75	-1.97E+00	9.90E+00	3.34E+01		9.91E+00	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Selenium-75	-2.27E+01	1.49E+01	4.24E+01		1.58E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Silver-108m	-2.42E+00	6.54E+00	2.07E+01		6.56E+00	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Silver-108m	2.81E+00	6.31E+00	2.30E+01		6.35E+00	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Silver-110m	5.06E+00	1.23E+01	4.26E+01		1.24E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Silver-110m	1.92E+00	1.42E+01	4.59E+01		1.42E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Strontium-89	7.99E+01	5.70E+01	1.82E+02	3.00E+02	1.40E+02	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Strontium-89	-4.74E+01	7.12E+01	2.47E+02	3.00E+02	1.04E+02	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Strontium-90	5.41E+01	6.42E+01	1.97E+02	3.00E+02	6.42E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Strontium-90	5.18E+01	3.95E+01	1.50E+02	3.00E+02	5.00E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Thallium-208	1.71E+02	2.34E+01	2.86E+01		2.51E+01	pCi/kg	
S-5(601369004) - Sediment	13-Oct-22	Thallium-208	1.44E+02	2.01E+01	2.28E+01		2.15E+01	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Thorium-228	5.96E+02	4.30E+01	4.52E+01		5.65E+01	pCi/kg	
S-5(601369004) - Sediment	13-Oct-22	Thorium-228	5.84E+02	3.27E+01	4.35E+01		4.86E+01	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Thorium-230	5.42E+02	4.53E+01	4.82E+01		5.38E+01	pCi/kg	
S-5(601369004) - Sediment	13-Oct-22	Thorium-230	7.44E+02	4.88E+01	5.02E+01		5.94E+01	pCi/kg	
S-5(582674003) - Sediment	23-May-22	Zinc-65	2.34E+01	2.38E+01	7.65E+01		2.44E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Zinc-65	5.77E+00	2.47E+01	7.41E+01		2.48E+01	pCi/kg	U
S-5(582674003) - Sediment	23-May-22	Zirconium-95	7.83E-01	1.75E+01	6.00E+01		1.75E+01	pCi/kg	U
S-5(601369004) - Sediment	13-Oct-22	Zirconium-95	3.82E+01	2.11E+01	8.09E+01		2.30E+01	pCi/kg	U

SW-2
Surface Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
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SW-2(568660005) - Surface Water	25-Jan-22	Actinium-228	3.17E+00	4.62E+00	8.97E+00		4.68E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Actinium-228	4.18E+00	3.71E+00	4.82E+00		3.72E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Actinium-228	2.51E+00	5.55E+00	9.70E+00		5.58E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Actinium-228	-1.21E+01	3.83E+00	6.52E+00		4.77E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Actinium-228	-7.41E+00	3.49E+00	8.55E+00		3.90E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Actinium-228	-3.34E+00	3.82E+00	7.77E+00		3.90E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Actinium-228	7.52E-01	4.91E+00	6.14E+00		4.91E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Actinium-228	-2.20E+00	3.06E+00	6.64E+00		3.10E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Actinium-228	9.22E-01	3.30E+00	5.24E+00		3.30E+00	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Antimony-124	-1.66E-01	1.23E+00	4.02E+00		1.23E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Antimony-124	-4.80E-01	1.09E+00	3.49E+00		1.10E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Antimony-124	-3.75E+00	2.56E+00	4.73E+00		2.71E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Antimony-124	2.85E-01	1.32E+00	4.37E+00		1.32E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Antimony-124	-1.02E+00	1.36E+00	4.07E+00		1.39E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Antimony-124	-2.67E+00	1.26E+00	3.46E+00		1.41E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Antimony-124	-2.48E+00	1.40E+00	4.15E+00		1.52E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Antimony-124	3.62E-01	9.12E-01	3.00E+00		9.16E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Antimony-124	-1.55E+00	9.22E-01	2.62E+00		9.90E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Antimony-125	-2.30E+00	1.37E+00	4.17E+00		1.47E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Antimony-125	3.13E-01	1.27E+00	4.05E+00		1.27E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Antimony-125	1.34E+00	1.73E+00	5.90E+00		1.76E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Antimony-125	-7.63E-01	1.41E+00	4.67E+00		1.42E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Antimony-125	4.82E-01	1.56E+00	5.30E+00		1.57E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Antimony-125	-4.26E-01	1.34E+00	4.47E+00		1.35E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Antimony-125	2.90E+00	1.43E+00	4.86E+00		1.58E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Antimony-125	4.12E-01	1.11E+00	3.68E+00		1.11E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Antimony-125	6.10E-02	1.08E+00	3.66E+00		1.08E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	BETA	-1.33E+00	2.06E+00	3.65E+00	4.00E+00	2.06E+00	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Barium-140	-3.73E+00	2.77E+00	8.34E+00	1.50E+01	2.90E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Barium-140	-5.38E+00	2.93E+00	9.35E+00	1.50E+01	3.18E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Barium-140	2.83E+00	3.39E+00	1.15E+01	1.50E+01	3.46E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Barium-140	4.88E+00	3.39E+00	1.18E+01	1.50E+01	3.58E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Barium-140	8.08E+00	5.87E+00	1.16E+01	1.50E+01	5.88E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Barium-140	4.57E+00	2.97E+00	1.04E+01	1.50E+01	3.16E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Barium-140	1.74E+00	3.01E+00	1.04E+01	1.50E+01	3.04E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Barium-140	1.17E+00	2.10E+00	6.94E+00	1.50E+01	2.11E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Barium-140	1.75E-01	2.06E+00	6.92E+00	1.50E+01	2.06E+00	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Beryllium-7	-3.80E+00	4.52E+00	1.41E+01		4.61E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Beryllium-7	-1.91E+01	6.53E+00	1.28E+01		7.92E+00	pCi/L	U

SW-2(575361005) - Surface Water	30-Mar-22	Beryllium-7	-4.47E+00	5.40E+00	1.72E+01		5.50E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Beryllium-7	6.38E+00	4.80E+00	1.67E+01		5.02E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Beryllium-7	5.54E+00	4.81E+00	1.68E+01		4.98E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Beryllium-7	-1.21E+00	4.49E+00	1.49E+01		4.50E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Beryllium-7	-3.84E+00	5.01E+00	1.55E+01		5.09E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Beryllium-7	-1.44E+00	3.64E+00	1.18E+01		3.65E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Beryllium-7	-4.59E+00	3.73E+00	1.21E+01		3.89E+00	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Cerium-141	-1.22E+00	1.03E+00	3.11E+00		1.06E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Cerium-141	7.78E-01	1.94E+00	2.84E+00		1.94E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Cerium-141	-2.89E+00	1.01E+00	2.98E+00		1.21E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Cerium-141	-4.30E+00	1.71E+00	3.49E+00		1.98E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Cerium-141	-4.40E-01	1.23E+00	3.66E+00		1.24E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Cerium-141	-4.09E+00	1.66E+00	3.31E+00		1.92E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Cerium-141	1.73E+00	1.10E+00	3.46E+00		1.17E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Cerium-141	5.67E-01	1.45E+00	2.35E+00		1.45E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Cerium-141	-3.40E-02	8.42E-01	2.53E+00		8.42E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Cerium-144	5.75E-01	3.50E+00	1.10E+01		3.50E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Cerium-144	-7.60E+00	3.02E+00	9.77E+00		3.50E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Cerium-144	-3.88E+00	3.45E+00	1.07E+01		3.57E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Cerium-144	1.78E+00	3.72E+00	1.22E+01		3.74E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Cerium-144	-1.45E+00	3.99E+00	1.29E+01		4.01E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Cerium-144	-3.38E-01	4.08E+00	1.25E+01		4.08E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Cerium-144	-8.40E-01	3.43E+00	1.16E+01		3.44E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Cerium-144	3.27E+00	2.88E+00	8.64E+00		2.98E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Cerium-144	-1.44E-01	3.01E+00	9.80E+00		3.01E+00	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Cesium-134	1.51E+00	9.16E-01	1.94E+00	1.50E+01	9.82E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Cesium-134	-1.37E-01	4.95E-01	1.61E+00	1.50E+01	4.96E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Cesium-134	2.76E+00	1.38E+00	2.76E+00	1.50E+01	1.60E+00	pCi/L	UI
SW-2(578242005) - Surface Water	26-Apr-22	Cesium-134	1.51E-01	5.68E-01	1.86E+00	1.50E+01	5.70E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Cesium-134	1.18E+00	7.09E-01	2.46E+00	1.50E+01	7.62E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Cesium-134	-4.82E-01	4.92E-01	1.51E+00	1.50E+01	5.05E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Cesium-134	7.76E-01	5.66E-01	1.96E+00	1.50E+01	5.95E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Cesium-134	8.34E-01	4.35E-01	1.57E+00	1.50E+01	4.77E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Cesium-134	3.73E-02	4.31E-01	1.41E+00	1.50E+01	4.31E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Cesium-137	-2.71E-02	4.93E-01	1.66E+00	1.80E+01	4.93E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Cesium-137	9.65E-01	4.56E-01	1.61E+00	1.80E+01	5.09E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Cesium-137	3.78E-01	7.63E-01	2.51E+00	1.80E+01	7.69E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Cesium-137	2.59E-01	5.32E-01	1.78E+00	1.80E+01	5.35E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Cesium-137	1.73E-01	5.45E-01	1.80E+00	1.80E+01	5.46E-01	pCi/L	U

SW-2(584387005) - Surface Water	28-Jun-22	Cesium-137	1.49E+00	5.31E-01	1.91E+00	1.80E+01	6.37E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Cesium-137	-1.92E-01	5.22E-01	1.72E+00	1.80E+01	5.24E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Cesium-137	1.22E-01	6.90E-01	1.51E+00	1.80E+01	6.91E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Cesium-137	-2.97E-01	4.38E-01	1.40E+00	1.80E+01	4.43E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Chromium-51	-9.74E+00	4.79E+00	1.50E+01		5.33E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Chromium-51	1.48E+01	8.92E+00	1.48E+01		8.97E+00	pCi/L	UI
SW-2(575361005) - Surface Water	30-Mar-22	Chromium-51	-2.78E+00	5.13E+00	1.70E+01		5.17E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Chromium-51	-7.03E+00	5.59E+00	1.86E+01		5.83E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Chromium-51	-6.28E+00	6.00E+00	1.99E+01		6.18E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Chromium-51	3.39E+00	5.12E+00	1.78E+01		5.18E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Chromium-51	6.84E-01	5.95E+00	1.74E+01		5.96E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Chromium-51	9.58E-02	3.73E+00	1.25E+01		3.73E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Chromium-51	3.89E-01	4.28E+00	1.33E+01		4.28E+00	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Cobalt-57	6.65E-01	4.61E-01	1.49E+00		4.87E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Cobalt-57	-2.77E-03	3.86E-01	1.30E+00		3.86E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Cobalt-57	8.60E-01	4.15E-01	1.41E+00		4.61E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Cobalt-57	-5.40E-01	7.24E-01	1.63E+00		7.35E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Cobalt-57	8.68E-01	5.26E-01	1.79E+00		5.64E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Cobalt-57	1.96E-01	4.87E-01	1.59E+00		4.89E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Cobalt-57	5.93E-01	4.49E-01	1.57E+00		4.70E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Cobalt-57	3.11E-01	3.62E-01	1.17E+00		3.69E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Cobalt-57	-1.29E-01	3.84E-01	1.25E+00		3.86E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Cobalt-58	-9.73E-02	5.03E-01	1.66E+00	1.50E+01	5.03E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Cobalt-58	-9.77E-01	4.71E-01	1.43E+00	1.50E+01	5.24E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Cobalt-58	-9.32E-02	6.53E-01	2.21E+00	1.50E+01	6.53E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Cobalt-58	-3.41E-01	5.53E-01	1.73E+00	1.50E+01	5.59E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Cobalt-58	3.49E-01	6.35E-01	1.88E+00	1.50E+01	6.40E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Cobalt-58	7.96E-02	5.25E-01	1.70E+00	1.50E+01	5.25E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Cobalt-58	-7.86E-02	5.95E-01	1.71E+00	1.50E+01	5.96E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Cobalt-58	-9.06E-02	4.07E-01	1.37E+00	1.50E+01	4.07E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Cobalt-58	-3.95E-01	4.52E-01	1.41E+00	1.50E+01	4.62E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Cobalt-60	3.47E-02	5.43E-01	1.83E+00	1.50E+01	5.43E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Cobalt-60	9.62E-02	4.88E-01	1.65E+00	1.50E+01	4.88E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Cobalt-60	5.70E-01	6.65E-01	2.31E+00	1.50E+01	6.78E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Cobalt-60	-1.65E+00	1.10E+00	1.78E+00	1.50E+01	1.16E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Cobalt-60	1.24E+00	6.89E-01	2.51E+00	1.50E+01	7.48E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Cobalt-60	7.48E-02	5.11E-01	1.72E+00	1.50E+01	5.12E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Cobalt-60	5.96E-03	4.52E-01	1.52E+00	1.50E+01	4.52E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Cobalt-60	2.15E-01	4.58E-01	1.53E+00	1.50E+01	4.61E-01	pCi/L	U

SW-2(594838005) - Surface Water	27-Sep-22	Cobalt-60	2.64E-01	4.39E-01	1.52E+00	1.50E+01	4.44E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Iodine-131	-4.06E-01	9.74E-01	3.15E+00		9.79E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Iodine-131	9.56E-01	1.34E+00	4.38E+00		1.36E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Iodine-131	1.29E+00	1.17E+00	4.07E+00		1.21E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Iodine-131	-7.33E-01	1.34E+00	4.49E+00		1.35E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Iodine-131	1.13E+00	1.46E+00	5.06E+00		1.48E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Iodine-131	4.09E-01	1.23E+00	4.19E+00		1.23E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Iodine-131	-4.91E-01	1.40E+00	4.48E+00		1.40E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Iodine-131	-9.85E-01	7.32E-01	2.36E+00	1.50E+01	7.68E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Iodine-131	-5.85E-01	7.97E-01	2.67E+00	1.50E+01	8.09E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Iron-59	-2.87E+00	1.03E+00	2.83E+00	3.00E+01	1.24E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Iron-59	4.78E-02	1.18E+00	3.30E+00	3.00E+01	1.18E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Iron-59	-3.36E-01	1.45E+00	4.59E+00	3.00E+01	1.45E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Iron-59	1.07E+00	1.12E+00	3.94E+00	3.00E+01	1.14E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Iron-59	2.74E+00	1.45E+00	4.88E+00	3.00E+01	1.59E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Iron-59	-5.73E-01	1.00E+00	3.30E+00	3.00E+01	1.01E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Iron-59	2.07E-01	1.12E+00	3.63E+00	3.00E+01	1.12E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Iron-59	-1.65E+00	8.33E-01	2.52E+00	3.00E+01	9.19E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Iron-59	-8.90E-02	9.37E-01	2.96E+00	3.00E+01	9.37E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Lanthanum-140	5.54E-03	8.55E-01	2.84E+00	1.50E+01	8.55E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Lanthanum-140	6.15E-01	1.08E+00	3.67E+00	1.50E+01	1.09E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Lanthanum-140	8.89E-01	1.20E+00	4.10E+00	1.50E+01	1.22E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Lanthanum-140	-1.27E+00	1.19E+00	3.65E+00	1.50E+01	1.23E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Lanthanum-140	-1.18E+00	1.17E+00	3.46E+00	1.50E+01	1.21E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Lanthanum-140	-1.17E+00	9.47E-01	2.84E+00	1.50E+01	9.86E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Lanthanum-140	-1.44E+00	1.14E+00	3.51E+00	1.50E+01	1.19E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Lanthanum-140	-7.49E-01	7.28E-01	2.20E+00	1.50E+01	7.49E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Lanthanum-140	3.64E-01	7.30E-01	2.50E+00	1.50E+01	7.35E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Manganese-54	5.52E-01	4.85E-01	1.68E+00	1.50E+01	5.02E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Manganese-54	1.41E-01	4.64E-01	1.54E+00	1.50E+01	4.65E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Manganese-54	-4.84E-01	8.03E-01	2.32E+00	1.50E+01	8.11E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Manganese-54	-3.64E-01	5.40E-01	1.68E+00	1.50E+01	5.47E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Manganese-54	-4.75E-02	6.01E-01	1.91E+00	1.50E+01	6.01E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Manganese-54	1.90E-01	6.61E-01	1.48E+00	1.50E+01	6.63E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Manganese-54	-5.44E-01	4.79E-01	1.50E+00	1.50E+01	4.95E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Manganese-54	9.17E-02	3.92E-01	1.34E+00	1.50E+01	3.92E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Manganese-54	-9.70E-01	9.18E-01	1.32E+00	1.50E+01	9.45E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Niobium-95	5.61E-01	5.41E-01	1.87E+00	1.50E+01	5.56E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Niobium-95	5.28E-01	4.78E-01	1.63E+00	1.50E+01	4.94E-01	pCi/L	U

SW-2(575361005) - Surface Water	30-Mar-22	Niobium-95	-1.59E+00	1.24E+00	2.62E+00	1.50E+01	1.29E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Niobium-95	-1.04E+00	5.51E-01	1.63E+00	1.50E+01	6.03E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Niobium-95	1.09E+00	7.12E-01	2.24E+00	1.50E+01	7.56E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Niobium-95	1.62E-01	5.71E-01	1.67E+00	1.50E+01	5.72E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Niobium-95	-1.52E+00	9.95E-01	1.94E+00	1.50E+01	1.06E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Niobium-95	5.28E-01	4.42E-01	1.46E+00	1.50E+01	4.59E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Niobium-95	7.55E-01	4.34E-01	1.52E+00	1.50E+01	4.69E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Potassium-40	-2.39E+01	9.34E+00	2.35E+01		1.09E+01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Potassium-40	-1.88E+01	8.66E+00	2.20E+01		9.73E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Potassium-40	1.09E+00	1.38E+01	2.82E+01		1.38E+01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Potassium-40	-4.39E+01	9.92E+00	1.83E+01		1.44E+01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Potassium-40	-1.57E+01	1.08E+01	3.19E+01		1.14E+01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Potassium-40	4.46E-01	1.19E+01	2.92E+01		1.19E+01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Potassium-40	-2.58E-01	1.09E+01	2.62E+01		1.09E+01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Potassium-40	6.57E+00	1.46E+01	1.34E+01		1.46E+01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Potassium-40	-7.63E+00	1.01E+01	2.11E+01		1.02E+01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Ruthenium-103	-8.91E-01	5.70E-01	1.73E+00		6.07E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Ruthenium-103	1.27E-01	5.87E-01	1.76E+00		5.87E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Ruthenium-103	-8.82E-01	7.00E-01	2.18E+00		7.30E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Ruthenium-103	-4.41E-01	6.32E-01	1.83E+00		6.40E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Ruthenium-103	1.74E-01	6.56E-01	2.20E+00		6.57E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Ruthenium-103	-5.48E-01	5.90E-01	1.69E+00		6.04E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Ruthenium-103	-1.02E+00	6.18E-01	1.85E+00		6.62E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Ruthenium-103	-1.14E+00	7.07E-01	1.39E+00		7.55E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Ruthenium-103	-2.97E-01	4.42E-01	1.45E+00		4.47E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Ruthenium-106	1.96E+00	4.27E+00	1.42E+01		4.30E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Ruthenium-106	6.58E+00	4.02E+00	1.40E+01		4.30E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Ruthenium-106	9.04E+00	6.82E+00	2.12E+01		7.15E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Ruthenium-106	-5.10E-01	4.78E+00	1.57E+01		4.78E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Ruthenium-106	-2.22E+00	5.17E+00	1.65E+01		5.19E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Ruthenium-106	2.66E+00	4.67E+00	1.56E+01		4.71E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Ruthenium-106	2.96E+00	4.60E+00	1.58E+01		4.66E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Ruthenium-106	4.15E+00	3.76E+00	1.25E+01		3.88E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Ruthenium-106	-7.80E+00	3.71E+00	1.13E+01		4.14E+00	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Selenium-75	1.49E+00	6.67E-01	2.34E+00		7.58E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Selenium-75	7.71E-02	6.42E-01	2.10E+00		6.42E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Selenium-75	1.59E-01	7.19E-01	2.47E+00		7.20E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Selenium-75	2.51E-01	7.91E-01	2.50E+00		7.94E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Selenium-75	-6.37E-01	8.48E-01	2.58E+00		8.61E-01	pCi/L	U

SW-2(584387005) - Surface Water	28-Jun-22	Selenium-75	-7.23E-01	7.50E-01	2.27E+00		7.69E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Selenium-75	8.04E-01	6.88E-01	2.32E+00		7.13E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Selenium-75	-2.64E-01	5.31E-01	1.78E+00		5.34E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Selenium-75	9.47E-01	5.99E-01	1.97E+00		6.38E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Silver-108m	3.56E-02	4.60E-01	1.49E+00		4.60E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Silver-108m	-7.86E-02	3.96E-01	1.25E+00		3.97E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Silver-108m	3.21E-01	5.55E-01	1.88E+00		5.60E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Silver-108m	-9.59E-01	6.71E-01	1.54E+00		7.08E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Silver-108m	-4.69E-01	4.76E-01	1.53E+00		4.88E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Silver-108m	-2.59E-01	4.52E-01	1.49E+00		4.56E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Silver-108m	3.71E-01	4.67E-01	1.53E+00		4.75E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Silver-108m	-1.27E-01	4.06E-01	1.18E+00		4.07E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Silver-108m	-4.49E-01	3.88E-01	1.12E+00		4.02E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Silver-110m	-1.28E+00	6.48E-01	1.94E+00		7.14E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Silver-110m	5.23E-01	6.02E-01	2.03E+00		6.14E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Silver-110m	2.08E-01	9.69E-01	3.31E+00		9.70E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Silver-110m	-7.39E-01	7.23E-01	2.19E+00		7.43E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Silver-110m	5.17E-01	8.07E-01	2.66E+00		8.16E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Silver-110m	-9.17E-01	7.25E-01	2.18E+00		7.56E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Silver-110m	-1.25E+00	7.21E-01	2.20E+00		7.78E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Silver-110m	4.64E-01	5.15E-01	1.79E+00		5.27E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Silver-110m	1.12E+00	5.80E-01	1.97E+00		6.37E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Strontium-89	7.99E-01	6.81E-01	2.10E+00	1.00E+01	9.07E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Strontium-89	-3.89E-01	4.52E-01	1.58E+00	1.00E+01	5.72E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Strontium-89	1.31E+00	8.05E-01	2.43E+00	1.00E+01	1.02E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Strontium-89	9.66E-01	6.05E-01	1.78E+00	1.00E+01	8.56E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Strontium-89	-4.97E-01	2.52E-01	9.90E-01	1.00E+01	5.33E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Strontium-89	-1.69E+00	7.78E-01	2.85E+00	1.00E+01	9.89E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Strontium-89	9.61E-02	5.17E-01	1.68E+00	1.00E+01	7.73E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Strontium-89	-7.07E-01	4.07E-01	1.50E+00	1.00E+01	5.23E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Strontium-89	-4.82E-01	3.16E-01	1.18E+00	1.00E+01	6.13E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Strontium-90	-2.36E-01	4.84E-01	1.74E+00	2.00E+00	5.14E-01	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Strontium-90	6.76E-01	4.52E-01	1.80E+00	2.00E+00	5.80E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Strontium-90	-2.31E-01	4.94E-01	1.73E+00	2.00E+00	5.14E-01	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Strontium-90	-1.27E-01	4.20E-01	1.54E+00	2.00E+00	4.60E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Strontium-90	1.36E+00	4.46E-01	1.40E+00	2.00E+00	5.28E-01	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Strontium-90	1.33E+00	3.93E-01	1.75E+00	2.00E+00	6.05E-01	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Strontium-90	1.35E-01	3.72E-01	1.29E+00	2.00E+00	4.01E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Strontium-90	-4.30E-01	3.14E-01	1.41E+00	2.00E+00	3.91E-01	pCi/L	U

SW-2(594838005) - Surface Water	27-Sep-22	Strontium-90	8.45E-01	4.15E-01	1.84E+00	2.00E+00	5.98E-01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Thorium-228	3.92E+00	2.89E+00	3.92E+00		3.05E+00	pCi/L	UI
SW-2(571927005) - Surface Water	28-Feb-22	Thorium-228	2.10E+00	1.72E+00	3.30E+00		1.79E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Thorium-228	-9.21E-01	1.56E+00	3.81E+00		1.58E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Thorium-228	3.81E+00	2.24E+00	3.86E+00		2.41E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Thorium-228	1.57E+00	2.11E+00	4.46E+00		2.14E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Thorium-228	1.78E+00	1.93E+00	4.65E+00		1.98E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Thorium-228	-3.15E+00	1.94E+00	4.08E+00		2.07E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Thorium-228	2.85E-01	1.94E+00	3.14E+00		1.95E+00	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Thorium-228	1.91E+00	1.71E+00	3.16E+00		1.77E+00	pCi/L	U
SW-2(579411005) - Surface Water	28-Feb-22	Tritium	2.24E+02	1.40E+02	4.37E+02	5.00E+02	1.42E+02	pCi/L	U
SW-2(588446005) - Surface Water	28-Jun-22	Tritium	2.96E+01	1.02E+02	3.28E+02	5.00E+02	1.02E+02	pCi/L	U
SW-2(599851005) - Surface Water	27-Sep-22	Tritium	1.18E+02	9.72E+01	3.06E+02	5.00E+02	9.78E+01	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Zinc-65	-1.43E+00	1.18E+00	3.58E+00	3.00E+01	1.22E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Zinc-65	-8.12E-01	1.00E+00	3.10E+00	3.00E+01	1.02E+00	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Zinc-65	-1.39E+00	1.31E+00	4.03E+00	3.00E+01	1.35E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Zinc-65	2.98E+00	1.09E+00	4.14E+00	3.00E+01	1.30E+00	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Zinc-65	6.90E-01	1.05E+00	3.65E+00	3.00E+01	1.06E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Zinc-65	-1.97E+00	1.26E+00	3.38E+00	3.00E+01	1.34E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Zinc-65	2.91E-01	1.16E+00	3.31E+00	3.00E+01	1.16E+00	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Zinc-65	9.06E-01	9.04E-01	2.87E+00	3.00E+01	9.05E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Zinc-65	1.03E+00	9.97E-01	3.33E+00	3.00E+01	1.03E+00	pCi/L	U
SW-2(568660005) - Surface Water	25-Jan-22	Zirconium-95	1.24E+00	9.63E-01	3.36E+00	1.50E+01	1.01E+00	pCi/L	U
SW-2(571927005) - Surface Water	28-Feb-22	Zirconium-95	6.54E-01	8.21E-01	2.78E+00	1.50E+01	8.35E-01	pCi/L	U
SW-2(575361005) - Surface Water	30-Mar-22	Zirconium-95	-3.02E-01	1.39E+00	3.86E+00	1.50E+01	1.39E+00	pCi/L	U
SW-2(578242005) - Surface Water	26-Apr-22	Zirconium-95	1.00E+00	9.43E-01	3.20E+00	1.50E+01	9.71E-01	pCi/L	U
SW-2(581494005) - Surface Water	31-May-22	Zirconium-95	1.46E+00	1.17E+00	4.01E+00	1.50E+01	1.22E+00	pCi/L	U
SW-2(584387005) - Surface Water	28-Jun-22	Zirconium-95	1.28E+00	9.77E-01	3.20E+00	1.50E+01	1.02E+00	pCi/L	U
SW-2(587548005) - Surface Water	26-Jul-22	Zirconium-95	1.28E+00	9.38E-01	3.26E+00	1.50E+01	9.84E-01	pCi/L	U
SW-2(591563005) - Surface Water	29-Aug-22	Zirconium-95	9.21E-01	8.22E-01	2.46E+00	1.50E+01	8.49E-01	pCi/L	U
SW-2(594838005) - Surface Water	27-Sep-22	Zirconium-95	3.90E-01	7.99E-01	2.66E+00	1.50E+01	8.05E-01	pCi/L	U

SW-3
Surface Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
SW-3(568660001) - Surface Water	25-Jan-22	Actinium-228	-2.89E+00	3.66E+00	7.48E+00		3.72E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Actinium-228	-5.35E+00	3.46E+00	8.06E+00		3.68E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Actinium-228	5.45E-01	3.36E+00	8.17E+00		3.36E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Actinium-228	6.46E+00	4.33E+00	6.46E+00		5.22E+00	pCi/L	UI

SW-3(581494001) - Surface Water	31-May-22	Actinium-228	-4.06E+00	3.95E+00	1.05E+01		4.06E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Actinium-228	-3.09E+00	2.69E+00	5.83E+00		2.79E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Actinium-228	6.91E+00	2.22E+00	7.58E+00		2.75E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Actinium-228	-3.04E+00	4.01E+00	8.31E+00		4.07E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Actinium-228	-4.20E+00	3.61E+00	7.00E+00		3.74E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Actinium-228	7.29E+00	4.44E+00	7.29E+00		5.07E+00	pCi/L	UI
SW-3(602376001) - Surface Water	29-Nov-22	Actinium-228	5.05E+00	4.71E+00	6.12E+00		4.72E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Actinium-228	3.22E+00	4.05E+00	9.28E+00		4.12E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Antimony-124	-1.47E+00	1.40E+00	4.25E+00		1.44E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Antimony-124	-1.65E+00	1.36E+00	4.16E+00		1.41E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Antimony-124	1.10E+00	1.13E+00	3.69E+00		1.16E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Antimony-124	2.40E-01	9.61E-01	3.27E+00		9.63E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Antimony-124	2.16E+00	1.66E+00	5.97E+00		1.73E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Antimony-124	-3.09E-01	1.07E+00	3.48E+00		1.08E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Antimony-124	-1.10E+00	1.22E+00	3.71E+00		1.25E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Antimony-124	8.54E-01	1.31E+00	4.47E+00		1.32E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Antimony-124	7.34E-01	1.13E+00	3.96E+00		1.14E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Antimony-124	-2.87E-01	1.13E+00	3.58E+00		1.13E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Antimony-124	6.23E-01	1.31E+00	4.44E+00		1.31E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Antimony-124	-1.24E+00	1.36E+00	3.67E+00		1.39E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Antimony-125	-5.46E-01	1.36E+00	4.53E+00		1.37E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Antimony-125	-5.99E-01	1.43E+00	4.64E+00		1.44E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Antimony-125	-1.70E+00	1.46E+00	4.34E+00		1.51E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Antimony-125	-8.82E-01	1.13E+00	3.42E+00		1.15E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Antimony-125	4.89E-03	1.80E+00	5.79E+00		1.80E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Antimony-125	5.47E-01	1.08E+00	3.72E+00		1.08E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Antimony-125	-3.72E-01	1.39E+00	4.48E+00		1.40E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Antimony-125	4.43E+00	2.63E+00	4.81E+00		2.82E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Antimony-125	-3.07E-01	1.24E+00	4.12E+00		1.25E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Antimony-125	8.38E-01	1.15E+00	3.93E+00		1.17E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Antimony-125	3.56E-01	1.56E+00	5.27E+00		1.56E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Antimony-125	1.09E-01	1.49E+00	4.88E+00		1.49E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	BETA	-6.61E-02	1.48E+00	2.50E+00	4.00E+00	1.48E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Barium-140	-2.26E+00	2.58E+00	8.30E+00	1.50E+01	2.64E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Barium-140	-3.81E+00	3.11E+00	9.69E+00	1.50E+01	3.24E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Barium-140	-1.52E+00	2.44E+00	7.21E+00	1.50E+01	2.46E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Barium-140	2.89E+00	2.39E+00	8.45E+00	1.50E+01	2.49E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Barium-140	4.97E+00	3.81E+00	1.36E+01	1.50E+01	3.99E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Barium-140	-3.51E-01	2.69E+00	8.05E+00	1.50E+01	2.69E+00	pCi/L	U

SW-3(587548001) - Surface Water	26-Jul-22	Barium-140	6.18E-01	2.62E+00	8.47E+00	1.50E+01	2.62E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Barium-140	-1.69E+00	4.98E+00	8.83E+00	1.50E+01	4.99E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Barium-140	-1.11E+00	2.57E+00	8.30E+00	1.50E+01	2.59E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Barium-140	-1.35E+00	1.82E+00	5.80E+00	1.50E+01	1.84E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Barium-140	-1.08E+00	2.92E+00	9.53E+00	1.50E+01	2.93E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Barium-140	-1.21E-01	2.43E+00	7.81E+00	1.50E+01	2.43E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Beryllium-7	-1.71E+01	7.06E+00	1.51E+01		8.12E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Beryllium-7	-5.51E+00	4.90E+00	1.54E+01		5.07E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Beryllium-7	7.93E+00	4.03E+00	1.47E+01		4.44E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Beryllium-7	1.92E+00	3.53E+00	1.23E+01		3.56E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Beryllium-7	1.25E+01	5.43E+00	1.90E+01		6.16E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Beryllium-7	3.99E+00	3.54E+00	1.24E+01		3.66E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Beryllium-7	8.04E+00	4.58E+00	1.56E+01		4.95E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Beryllium-7	-4.84E-01	4.61E+00	1.46E+01		4.61E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Beryllium-7	2.39E+00	4.28E+00	1.44E+01		4.31E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Beryllium-7	-3.60E+00	3.46E+00	1.10E+01		3.56E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Beryllium-7	1.19E-01	4.80E+00	1.60E+01		4.80E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Beryllium-7	-3.89E+00	4.54E+00	1.44E+01		4.63E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Cerium-141	-2.21E+00	1.04E+00	3.22E+00		1.16E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Cerium-141	2.48E+00	1.13E+00	3.61E+00		1.27E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Cerium-141	-4.62E-01	9.21E-01	3.04E+00		9.27E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Cerium-141	-8.79E-01	8.19E-01	2.68E+00		8.44E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Cerium-141	-1.56E+00	1.26E+00	4.17E+00		1.31E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Cerium-141	-1.25E+00	7.98E-01	2.52E+00		8.50E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Cerium-141	2.23E+00	9.47E-01	3.32E+00		1.08E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Cerium-141	1.34E+00	9.99E-01	3.15E+00		1.05E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Cerium-141	-2.00E+00	1.32E+00	2.55E+00		1.40E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Cerium-141	8.78E-01	7.32E-01	2.40E+00		7.61E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Cerium-141	-3.08E+00	1.69E+00	3.78E+00		1.84E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Cerium-141	-9.20E+00	1.70E+00	3.14E+00		2.74E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Cerium-144	1.07E+00	3.68E+00	1.21E+01		3.69E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Cerium-144	-1.54E+00	3.82E+00	1.29E+01		3.84E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Cerium-144	-4.50E-01	3.37E+00	1.12E+01		3.37E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Cerium-144	-1.77E+00	2.87E+00	9.51E+00		2.90E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Cerium-144	1.48E+00	4.22E+00	1.45E+01		4.23E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Cerium-144	-3.02E+00	2.82E+00	9.04E+00		2.91E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Cerium-144	5.96E+00	3.43E+00	1.19E+01		3.70E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Cerium-144	-9.45E-01	3.42E+00	1.17E+01		3.43E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Cerium-144	8.39E-01	3.00E+00	9.91E+00		3.01E+00	pCi/L	U

SW-3(598250001) - Surface Water	25-Oct-22	Cerium-144	-2.75E+00	2.81E+00	8.84E+00		2.88E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Cerium-144	2.12E+00	3.99E+00	1.30E+01		4.03E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Cerium-144	1.09E+00	4.00E+00	1.26E+01		4.01E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Cesium-134	4.16E-01	5.58E-01	1.86E+00	1.50E+01	5.66E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Cesium-134	6.53E-01	5.86E-01	1.97E+00	1.50E+01	6.06E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Cesium-134	1.42E+00	1.11E+00	1.92E+00	1.50E+01	1.16E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Cesium-134	2.06E-01	4.61E-01	1.49E+00	1.50E+01	4.63E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Cesium-134	8.70E-01	7.01E-01	2.45E+00	1.50E+01	7.30E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Cesium-134	7.86E-01	4.77E-01	1.67E+00	1.50E+01	5.12E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Cesium-134	9.00E-01	5.51E-01	1.79E+00	1.50E+01	5.90E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Cesium-134	1.15E+00	5.45E-01	1.95E+00	1.50E+01	6.08E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Cesium-134	-1.13E-01	5.30E-01	1.79E+00	1.50E+01	5.31E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Cesium-134	4.86E-01	4.92E-01	1.64E+00	1.50E+01	5.05E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Cesium-134	-4.00E-01	6.29E-01	1.97E+00	1.50E+01	6.36E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Cesium-134	1.39E+00	6.07E-01	2.19E+00	1.50E+01	6.89E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Cesium-137	3.77E-01	5.45E-01	1.83E+00	1.80E+01	5.52E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Cesium-137	7.54E-01	5.94E-01	1.82E+00	1.80E+01	6.19E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Cesium-137	-1.56E-01	5.08E-01	1.68E+00	1.80E+01	5.09E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Cesium-137	-2.30E-02	4.10E-01	1.38E+00	1.80E+01	4.10E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Cesium-137	9.41E-01	1.06E+00	2.61E+00	1.80E+01	1.08E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Cesium-137	-1.67E+00	9.84E-01	1.60E+00	1.80E+01	1.06E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Cesium-137	-2.38E+00	1.17E+00	2.05E+00	1.80E+01	1.30E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Cesium-137	4.79E-01	5.49E-01	1.89E+00	1.80E+01	5.61E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Cesium-137	6.68E-01	5.24E-01	1.77E+00	1.80E+01	5.47E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Cesium-137	-9.77E-01	7.90E-01	1.64E+00	1.80E+01	8.22E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Cesium-137	-9.86E-01	5.69E-01	1.72E+00	1.80E+01	6.14E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Cesium-137	6.28E-01	6.11E-01	2.01E+00	1.80E+01	6.29E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Chromium-51	7.98E-01	4.91E+00	1.69E+01		4.92E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Chromium-51	-1.39E+00	5.44E+00	1.79E+01		5.45E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Chromium-51	-6.34E+00	4.72E+00	1.44E+01		4.95E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Chromium-51	1.33E+00	4.41E+00	1.42E+01		4.42E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Chromium-51	-5.72E+00	6.85E+00	2.18E+01		6.99E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Chromium-51	2.91E+00	4.51E+00	1.44E+01		4.56E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Chromium-51	-2.10E+00	4.89E+00	1.59E+01		4.92E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Chromium-51	-3.81E-01	4.94E+00	1.61E+01		4.94E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Chromium-51	5.80E+00	4.26E+00	1.50E+01		4.47E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Chromium-51	2.13E+00	3.65E+00	1.26E+01		3.68E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Chromium-51	2.61E+00	5.44E+00	1.88E+01		5.47E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Chromium-51	-5.39E+00	4.74E+00	1.54E+01		4.91E+00	pCi/L	U

SW-3(568660001) - Surface Water	25-Jan-22	Cobalt-57	1.54E-01	4.83E-01	1.59E+00		4.84E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Cobalt-57	-5.09E-01	4.93E-01	1.65E+00		5.07E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Cobalt-57	3.72E-01	4.34E-01	1.48E+00		4.43E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Cobalt-57	2.71E-01	3.71E-01	1.26E+00		3.77E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Cobalt-57	6.09E-01	5.52E-01	1.94E+00		5.70E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Cobalt-57	1.81E-01	3.63E-01	1.21E+00		3.66E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Cobalt-57	-2.77E-01	4.52E-01	1.52E+00		4.57E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Cobalt-57	-2.70E-01	4.51E-01	1.53E+00		4.56E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Cobalt-57	1.29E-02	3.84E-01	1.27E+00		3.84E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Cobalt-57	-4.34E-01	3.56E-01	1.12E+00		3.70E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Cobalt-57	-6.67E-01	5.54E-01	1.60E+00		5.75E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Cobalt-57	-8.12E-01	5.30E-01	1.62E+00		5.63E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Cobalt-58	-1.99E-01	4.85E-01	1.53E+00	1.50E+01	4.88E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Cobalt-58	3.67E-01	5.52E-01	1.82E+00	1.50E+01	5.58E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Cobalt-58	-4.09E-01	4.52E-01	1.42E+00	1.50E+01	4.62E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Cobalt-58	8.33E-01	8.61E-01	1.47E+00	1.50E+01	8.62E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Cobalt-58	1.15E-01	6.32E-01	2.11E+00	1.50E+01	6.32E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Cobalt-58	9.89E-01	4.25E-01	1.53E+00	1.50E+01	4.84E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Cobalt-58	5.77E-01	5.43E-01	1.71E+00	1.50E+01	5.60E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Cobalt-58	-1.81E-01	4.84E-01	1.58E+00	1.50E+01	4.86E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Cobalt-58	-6.14E-01	4.92E-01	1.59E+00	1.50E+01	5.12E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Cobalt-58	-8.07E-01	4.42E-01	1.28E+00	1.50E+01	4.81E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Cobalt-58	-8.27E-01	9.19E-01	1.77E+00	1.50E+01	9.39E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Cobalt-58	-3.15E-01	4.94E-01	1.62E+00	1.50E+01	4.99E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Cobalt-60	-7.18E-02	5.33E-01	1.76E+00	1.50E+01	5.33E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Cobalt-60	-1.19E+00	1.04E+00	1.89E+00	1.50E+01	1.07E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Cobalt-60	-3.19E-02	4.99E-01	1.58E+00	1.50E+01	4.99E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Cobalt-60	2.17E-01	4.23E-01	1.39E+00	1.50E+01	4.26E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Cobalt-60	-8.02E-02	6.82E-01	2.28E+00	1.50E+01	6.82E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Cobalt-60	-3.76E-01	4.38E-01	1.40E+00	1.50E+01	4.46E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Cobalt-60	9.85E-01	5.05E-01	1.69E+00	1.50E+01	5.55E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Cobalt-60	8.59E-01	5.44E-01	1.97E+00	1.50E+01	5.80E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Cobalt-60	4.66E-01	4.92E-01	1.69E+00	1.50E+01	5.04E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Cobalt-60	8.56E-01	4.58E-01	1.67E+00	1.50E+01	5.00E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Cobalt-60	1.15E-01	6.45E-01	1.93E+00	1.50E+01	6.46E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Cobalt-60	3.28E-01	5.68E-01	1.89E+00	1.50E+01	5.73E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Iodine-131	-1.21E-01	1.02E+00	3.46E+00		1.02E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Iodine-131	1.84E+00	1.16E+00	4.00E+00		1.24E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Iodine-131	-1.48E-01	9.80E-01	3.08E+00		9.81E-01	pCi/L	U

SW-3(578242001) - Surface Water	26-Apr-22	Iodine-131	1.70E+00	1.03E+00	3.41E+00		1.11E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Iodine-131	1.75E-01	1.73E+00	5.63E+00		1.73E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Iodine-131	1.86E-01	9.57E-01	3.31E+00		9.58E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Iodine-131	-1.43E+00	1.01E+00	3.16E+00		1.06E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Iodine-131	1.50E+00	9.68E-01	3.28E+00	1.50E+01	1.03E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Iodine-131	-1.49E+00	1.39E+00	2.98E+00	1.50E+01	1.43E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Iodine-131	1.74E-01	5.41E-01	1.84E+00	1.50E+01	5.43E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Iodine-131	-9.54E-01	1.17E+00	3.89E+00	1.50E+01	1.20E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Iodine-131	-7.93E-01	7.09E-01	2.27E+00	1.50E+01	7.33E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Iron-59	-1.17E+00	1.03E+00	3.27E+00	3.00E+01	1.06E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Iron-59	-1.66E-01	1.06E+00	3.58E+00	3.00E+01	1.06E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Iron-59	-3.45E-02	1.05E+00	3.38E+00	3.00E+01	1.05E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Iron-59	-6.20E-01	8.38E-01	2.60E+00	3.00E+01	8.50E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Iron-59	5.27E+00	1.97E+00	5.27E+00	3.00E+01	2.48E+00	pCi/L	UI
SW-3(584387001) - Surface Water	28-Jun-22	Iron-59	-9.39E-01	1.15E+00	3.53E+00	3.00E+01	1.17E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Iron-59	6.58E-01	1.16E+00	3.95E+00	3.00E+01	1.17E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Iron-59	3.41E+00	3.65E+00	3.41E+00	3.00E+01	3.86E+00	pCi/L	UI
SW-3(594838001) - Surface Water	27-Sep-22	Iron-59	-5.16E-01	1.04E+00	3.36E+00	3.00E+01	1.05E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Iron-59	-7.03E-01	8.85E-01	2.85E+00	3.00E+01	9.00E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Iron-59	-2.77E+00	2.02E+00	4.03E+00	3.00E+01	2.12E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Iron-59	3.23E-01	1.20E+00	3.51E+00	3.00E+01	1.20E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Lanthanum-140	-2.08E-02	8.86E-01	2.90E+00	1.50E+01	8.86E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Lanthanum-140	-2.46E-01	1.05E+00	3.45E+00	1.50E+01	1.05E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Lanthanum-140	-1.35E+00	8.43E-01	2.53E+00	1.50E+01	9.01E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Lanthanum-140	-1.32E-01	7.97E-01	2.66E+00	1.50E+01	7.98E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Lanthanum-140	-5.73E-01	1.31E+00	4.19E+00	1.50E+01	1.31E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Lanthanum-140	-1.28E+00	8.91E-01	2.20E+00	1.50E+01	9.41E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Lanthanum-140	-5.22E-01	1.03E+00	2.80E+00	1.50E+01	1.04E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Lanthanum-140	6.88E-01	9.76E-01	3.35E+00	1.50E+01	9.89E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Lanthanum-140	1.66E+00	9.12E-01	3.11E+00	1.50E+01	9.91E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Lanthanum-140	-6.77E-01	6.56E-01	1.99E+00	1.50E+01	6.75E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Lanthanum-140	1.48E-01	1.02E+00	3.40E+00	1.50E+01	1.02E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Lanthanum-140	-4.22E-01	7.47E-01	2.45E+00	1.50E+01	7.54E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Manganese-54	-4.45E-01	5.02E-01	1.54E+00	1.50E+01	5.12E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Manganese-54	3.24E-01	5.37E-01	1.76E+00	1.50E+01	5.42E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Manganese-54	-1.27E+00	6.36E-01	1.50E+00	1.50E+01	7.02E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Manganese-54	5.34E-01	4.07E-01	1.41E+00	1.50E+01	4.26E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Manganese-54	-3.25E-01	6.26E-01	2.01E+00	1.50E+01	6.31E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Manganese-54	-1.42E-01	4.43E-01	1.42E+00	1.50E+01	4.44E-01	pCi/L	U

SW-3(587548001) - Surface Water	26-Jul-22	Manganese-54	3.73E-01	4.74E-01	1.65E+00	1.50E+01	4.82E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Manganese-54	-3.00E-01	5.14E-01	1.66E+00	1.50E+01	5.19E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Manganese-54	-1.76E-01	5.00E-01	1.67E+00	1.50E+01	5.02E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Manganese-54	2.91E-01	4.45E-01	1.32E+00	1.50E+01	4.51E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Manganese-54	7.88E-03	5.43E-01	1.75E+00	1.50E+01	5.43E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Manganese-54	-6.24E-01	5.27E-01	1.69E+00	1.50E+01	5.47E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Niobium-95	-5.23E-01	5.75E-01	1.79E+00	1.50E+01	5.88E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Niobium-95	-3.43E-01	7.94E-01	1.93E+00	1.50E+01	7.98E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Niobium-95	3.09E-01	5.18E-01	1.77E+00	1.50E+01	5.23E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Niobium-95	9.85E-01	4.49E-01	1.61E+00	1.50E+01	5.04E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Niobium-95	-1.19E-01	6.80E-01	2.24E+00	1.50E+01	6.80E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Niobium-95	6.96E-02	4.04E-01	1.33E+00	1.50E+01	4.04E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Niobium-95	3.02E-01	5.05E-01	1.75E+00	1.50E+01	5.10E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Niobium-95	4.05E-01	5.17E-01	1.77E+00	1.50E+01	5.26E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Niobium-95	6.16E-02	5.17E-01	1.65E+00	1.50E+01	5.18E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Niobium-95	-3.08E-01	4.93E-01	1.35E+00	1.50E+01	4.98E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Niobium-95	-1.41E+00	9.05E-01	1.87E+00	1.50E+01	9.64E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Niobium-95	-2.92E-01	8.93E-01	1.86E+00	1.50E+01	8.96E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Potassium-40	-1.85E+01	1.35E+01	2.68E+01		1.42E+01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Potassium-40	-1.93E+01	1.29E+01	2.57E+01		1.37E+01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Potassium-40	9.78E+00	1.55E+01	1.49E+01		1.55E+01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Potassium-40	5.03E+01	1.02E+01	1.13E+01		1.04E+01	pCi/L	
SW-3(581494001) - Surface Water	31-May-22	Potassium-40	-1.60E+01	1.53E+01	3.04E+01		1.58E+01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Potassium-40	-1.52E+01	9.53E+00	2.33E+01		1.02E+01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Potassium-40	-2.28E+01	1.22E+01	1.93E+01		1.34E+01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Potassium-40	-1.16E+01	1.05E+01	2.71E+01		1.09E+01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Potassium-40	9.10E+00	1.26E+01	1.69E+01		1.26E+01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Potassium-40	1.42E+01	1.44E+01	1.56E+01		1.44E+01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Potassium-40	1.21E+01	1.59E+01	1.51E+01		1.59E+01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Potassium-40	7.92E+01	1.41E+01	1.76E+01		1.47E+01	pCi/L	
SW-3(568660001) - Surface Water	25-Jan-22	Ruthenium-103	3.45E-02	5.96E-01	1.79E+00		5.96E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Ruthenium-103	-8.58E-01	5.52E-01	1.71E+00		5.88E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Ruthenium-103	-1.54E-01	5.38E-01	1.64E+00		5.39E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Ruthenium-103	-4.66E-01	5.21E-01	1.56E+00		5.33E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Ruthenium-103	-1.23E+00	7.88E-01	2.34E+00		8.38E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Ruthenium-103	-7.31E-01	5.11E-01	1.45E+00		5.39E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Ruthenium-103	-1.13E+00	5.75E-01	1.73E+00		6.33E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Ruthenium-103	-1.10E+00	5.82E-01	1.73E+00		6.37E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Ruthenium-103	1.72E-01	5.08E-01	1.69E+00		5.09E-01	pCi/L	U

SW-3(598250001) - Surface Water	25-Oct-22	Ruthenium-103	-6.52E-01	4.37E-01	1.37E+00		4.63E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Ruthenium-103	3.90E-01	6.22E-01	2.11E+00		6.29E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Ruthenium-103	-1.06E+00	6.26E-01	1.68E+00		6.73E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Ruthenium-106	1.12E+00	4.25E+00	1.41E+01		4.26E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Ruthenium-106	6.92E+00	4.92E+00	1.67E+01		5.18E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Ruthenium-106	-4.23E+00	4.39E+00	1.43E+01		4.51E+00	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Ruthenium-106	3.93E+00	3.79E+00	1.32E+01		3.90E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Ruthenium-106	-6.34E-01	5.50E+00	1.84E+01		5.50E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Ruthenium-106	-1.26E+00	3.75E+00	1.23E+01		3.76E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Ruthenium-106	-4.65E-01	4.87E+00	1.54E+01		4.87E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Ruthenium-106	-8.31E-01	6.37E+00	1.36E+01		6.37E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Ruthenium-106	-8.74E-01	4.46E+00	1.43E+01		4.47E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Ruthenium-106	6.61E+00	3.96E+00	1.37E+01		4.26E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Ruthenium-106	6.56E+00	4.75E+00	1.65E+01		4.99E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Ruthenium-106	-4.42E+00	4.95E+00	1.53E+01		5.06E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Selenium-75	-2.39E-01	7.78E-01	2.42E+00		7.80E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Selenium-75	-1.00E+00	8.57E-01	2.48E+00		8.89E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Selenium-75	3.75E-01	6.40E-01	2.10E+00		6.46E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Selenium-75	5.41E-01	5.67E-01	1.87E+00		5.81E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Selenium-75	1.08E+00	8.94E-01	3.05E+00		9.31E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Selenium-75	1.50E-01	6.05E-01	1.93E+00		6.06E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Selenium-75	-3.87E-01	6.79E-01	2.22E+00		6.85E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Selenium-75	-1.02E-02	7.14E-01	2.25E+00		7.14E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Selenium-75	5.22E-01	7.03E-01	2.24E+00		7.13E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Selenium-75	3.88E-01	5.47E-01	1.90E+00		5.54E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Selenium-75	7.89E-01	8.55E-01	2.73E+00		8.75E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Selenium-75	-1.15E+00	7.79E-01	2.26E+00		8.25E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Silver-108m	-2.59E-01	4.48E-01	1.48E+00		4.52E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Silver-108m	-9.53E-01	4.65E-01	1.43E+00		5.16E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Silver-108m	5.24E-01	4.35E-01	1.43E+00		4.52E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Silver-108m	-5.21E-01	3.89E-01	1.16E+00		4.08E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Silver-108m	-2.17E-01	5.75E-01	1.82E+00		5.77E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Silver-108m	5.62E-02	3.56E-01	1.22E+00		3.56E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Silver-108m	-2.14E+00	8.03E-01	1.37E+00		9.47E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Silver-108m	-3.72E-01	4.83E-01	1.43E+00		4.90E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Silver-108m	7.50E-01	3.81E-01	1.35E+00		4.19E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Silver-108m	1.11E-01	3.79E-01	1.27E+00		3.80E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Silver-108m	1.07E-01	4.83E-01	1.63E+00		4.84E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Silver-108m	-9.93E-01	4.97E-01	1.53E+00		5.49E-01	pCi/L	U

SW-3(568660001) - Surface Water	25-Jan-22	Silver-110m	-1.27E+00	7.18E-01	2.09E+00		7.77E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Silver-110m	-6.27E-01	7.96E-01	2.45E+00		8.10E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Silver-110m	3.50E-01	6.67E-01	2.25E+00		6.72E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Silver-110m	-9.72E-02	5.60E-01	1.83E+00		5.61E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Silver-110m	-2.52E-01	7.49E-01	2.41E+00		7.52E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Silver-110m	8.84E-02	5.75E-01	1.88E+00		5.76E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Silver-110m	-1.99E-01	6.42E-01	2.13E+00		6.44E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Silver-110m	5.00E-01	6.55E-01	2.22E+00		6.65E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Silver-110m	1.82E-01	6.31E-01	2.15E+00		6.32E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Silver-110m	-6.23E-01	5.59E-01	1.81E+00		5.78E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Silver-110m	1.69E-01	7.00E-01	2.27E+00		7.02E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Silver-110m	5.31E-01	7.36E-01	2.52E+00		7.46E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Strontium-89	1.23E-01	7.44E-01	2.43E+00	1.00E+01	8.93E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Strontium-89	1.74E-01	6.25E-01	2.03E+00	1.00E+01	8.14E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Strontium-89	1.49E+00	8.04E-01	2.41E+00	1.00E+01	9.33E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Strontium-89	-1.22E+00	4.11E-01	1.67E+00	1.00E+01	8.15E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Strontium-89	-1.06E+00	4.65E-01	1.76E+00	1.00E+01	6.33E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Strontium-89	-4.61E-01	7.04E-01	2.39E+00	1.00E+01	8.89E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Strontium-89	7.28E-01	6.28E-01	1.95E+00	1.00E+01	7.50E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Strontium-89	-7.74E-01	3.08E-01	1.20E+00	1.00E+01	5.69E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Strontium-89	8.13E-01	4.92E-01	1.43E+00	1.00E+01	6.52E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Strontium-89	5.79E-01	6.65E-01	2.07E+00	1.00E+01	7.07E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Strontium-89	4.51E-02	3.25E-01	1.05E+00	1.00E+01	5.34E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Strontium-89	-1.51E+00	4.87E-01	1.92E+00	1.00E+01	7.36E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Strontium-90	-8.35E-01	4.11E-01	1.62E+00	2.00E+00	4.36E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Strontium-90	1.17E+00	4.62E-01	1.74E+00	2.00E+00	5.97E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Strontium-90	-9.74E-01	4.00E-01	1.58E+00	2.00E+00	4.16E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Strontium-90	7.37E-01	4.60E-01	1.53E+00	2.00E+00	5.08E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Strontium-90	8.33E-01	4.97E-01	1.66E+00	2.00E+00	5.76E-01	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Strontium-90	2.07E-02	3.66E-01	1.48E+00	2.00E+00	4.52E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Strontium-90	-6.15E-02	3.77E-01	1.35E+00	2.00E+00	4.06E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Strontium-90	1.30E+00	4.68E-01	1.72E+00	2.00E+00	5.95E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Strontium-90	-1.65E+00	3.24E-01	1.78E+00	2.00E+00	4.63E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Strontium-90	-1.28E+00	2.39E-01	1.80E+00	2.00E+00	4.84E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Strontium-90	-1.45E+00	3.63E-01	1.62E+00	2.00E+00	3.95E-01	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Strontium-90	1.48E+00	5.16E-01	1.83E+00	2.00E+00	6.18E-01	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Thorium-228	9.40E-01	2.33E+00	3.77E+00		2.34E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Thorium-228	-2.73E+00	1.79E+00	4.06E+00		1.90E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Thorium-228	1.02E+00	2.37E+00	4.45E+00		2.38E+00	pCi/L	U

SW-3(578242001) - Surface Water	26-Apr-22	Thorium-228	-1.56E+00	1.42E+00	3.94E+00		1.46E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Thorium-228	-6.00E-01	1.88E+00	5.03E+00		1.88E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Thorium-228	-9.95E-01	1.49E+00	3.12E+00		1.51E+00	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Thorium-228	1.09E+00	1.86E+00	3.60E+00		1.88E+00	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Thorium-228	-1.67E+00	1.84E+00	4.04E+00		1.88E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Thorium-228	1.58E+00	1.97E+00	3.40E+00		2.01E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Thorium-228	5.63E-01	1.66E+00	2.51E+00		1.66E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Thorium-228	8.35E-01	2.08E+00	5.07E+00		2.09E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Thorium-228	3.02E+00	2.17E+00	3.39E+00		2.18E+00	pCi/L	U
SW-3(579411001) - Surface Water	28-Feb-22	Tritium	1.81E+02	1.49E+02	4.69E+02	5.00E+02	1.50E+02	pCi/L	U
SW-3(588446001) - Surface Water	28-Jun-22	Tritium	-1.36E-01	9.80E+01	3.23E+02	5.00E+02	9.80E+01	pCi/L	U
SW-3(599851001) - Surface Water	27-Sep-22	Tritium	1.47E+02	9.92E+01	3.10E+02	5.00E+02	1.00E+02	pCi/L	U
SW-3(609162001) - Surface Water	27-Dec-22	Tritium	5.94E+01	1.26E+02	4.06E+02	5.00E+02	1.26E+02	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Zinc-65	-2.60E+00	1.59E+00	3.49E+00	3.00E+01	1.70E+00	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Zinc-65	7.09E-01	1.07E+00	3.72E+00	3.00E+01	1.08E+00	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Zinc-65	3.02E-01	9.73E-01	3.20E+00	3.00E+01	9.75E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Zinc-65	1.62E+00	1.84E+00	2.77E+00	3.00E+01	1.84E+00	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Zinc-65	9.30E-01	1.40E+00	4.70E+00	3.00E+01	1.42E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Zinc-65	7.42E-01	9.68E-01	3.07E+00	3.00E+01	9.83E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Zinc-65	5.90E-01	9.82E-01	3.35E+00	3.00E+01	9.91E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Zinc-65	7.55E-01	1.05E+00	3.51E+00	3.00E+01	1.07E+00	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Zinc-65	-8.29E-02	1.18E+00	3.41E+00	3.00E+01	1.18E+00	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Zinc-65	-4.81E-01	1.10E+00	3.14E+00	3.00E+01	1.11E+00	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Zinc-65	4.31E-01	1.23E+00	3.78E+00	3.00E+01	1.24E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Zinc-65	6.95E-01	1.03E+00	3.10E+00	3.00E+01	1.04E+00	pCi/L	U
SW-3(568660001) - Surface Water	25-Jan-22	Zirconium-95	6.87E-01	8.82E-01	2.96E+00	1.50E+01	8.96E-01	pCi/L	U
SW-3(571927001) - Surface Water	28-Feb-22	Zirconium-95	4.10E-01	9.13E-01	2.99E+00	1.50E+01	9.18E-01	pCi/L	U
SW-3(575361001) - Surface Water	30-Mar-22	Zirconium-95	1.98E-01	8.42E-01	2.84E+00	1.50E+01	8.43E-01	pCi/L	U
SW-3(578242001) - Surface Water	26-Apr-22	Zirconium-95	4.97E-01	7.48E-01	2.56E+00	1.50E+01	7.57E-01	pCi/L	U
SW-3(581494001) - Surface Water	31-May-22	Zirconium-95	-1.77E+00	1.15E+00	3.51E+00	1.50E+01	1.22E+00	pCi/L	U
SW-3(584387001) - Surface Water	28-Jun-22	Zirconium-95	-1.91E-01	7.57E-01	2.45E+00	1.50E+01	7.58E-01	pCi/L	U
SW-3(587548001) - Surface Water	26-Jul-22	Zirconium-95	1.55E+00	8.27E-01	3.00E+00	1.50E+01	9.03E-01	pCi/L	U
SW-3(591563001) - Surface Water	29-Aug-22	Zirconium-95	1.54E+00	8.57E-01	3.05E+00	1.50E+01	9.30E-01	pCi/L	U
SW-3(594838001) - Surface Water	27-Sep-22	Zirconium-95	1.47E-01	9.24E-01	2.96E+00	1.50E+01	9.24E-01	pCi/L	U
SW-3(598250001) - Surface Water	25-Oct-22	Zirconium-95	-3.03E-02	7.73E-01	2.47E+00	1.50E+01	7.73E-01	pCi/L	U
SW-3(602376001) - Surface Water	29-Nov-22	Zirconium-95	-8.35E-01	1.24E+00	2.95E+00	1.50E+01	1.26E+00	pCi/L	U
SW-3(605370001) - Surface Water	27-Dec-22	Zirconium-95	3.51E+00	1.42E+00	3.51E+00	1.50E+01	1.67E+00	pCi/L	UI

SW-3QC

Surface Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
SW-3QC(568660002) - Surface Water	25-Jan-22	Actinium-228	-1.66E+00	4.04E+00	7.99E+00		4.05E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Actinium-228	-2.15E+00	3.62E+00	9.19E+00		3.66E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Actinium-228	2.27E+00	4.27E+00	8.52E+00		4.31E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Actinium-228	4.09E+00	2.52E+00	4.52E+00		2.52E+00	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Actinium-228	1.38E+00	5.37E+00	1.08E+01		5.38E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Actinium-228	-2.66E+00	2.65E+00	6.35E+00		2.72E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Actinium-228	-4.88E+00	2.75E+00	6.86E+00		2.98E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Actinium-228	-5.29E+00	3.03E+00	6.95E+00		3.28E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Actinium-228	2.42E+00	3.83E+00	7.03E+00		3.87E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Actinium-228	-5.99E+00	3.57E+00	8.09E+00		3.84E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Actinium-228	-5.80E+00	3.60E+00	8.54E+00		3.85E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Actinium-228	-1.02E+01	3.84E+00	8.01E+00		4.53E+00	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Antimony-124	-1.53E+00	1.10E+00	3.34E+00		1.16E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Antimony-124	2.16E+00	1.52E+00	5.49E+00		1.60E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Antimony-124	-6.83E-02	1.26E+00	4.20E+00		1.26E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Antimony-124	2.29E-01	9.09E-01	3.09E+00		9.11E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Antimony-124	-6.86E-01	1.61E+00	5.07E+00		1.62E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Antimony-124	7.92E-01	1.17E+00	4.01E+00		1.18E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Antimony-124	1.72E-01	1.26E+00	3.69E+00		1.26E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Antimony-124	6.78E-01	1.08E+00	3.75E+00		1.09E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Antimony-124	-1.38E+00	1.19E+00	3.53E+00		1.23E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Antimony-124	-8.60E-01	1.12E+00	3.52E+00		1.14E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Antimony-124	-1.09E+00	1.47E+00	4.64E+00		1.49E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Antimony-124	1.47E+00	1.34E+00	4.69E+00		1.39E+00	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Antimony-125	-5.22E-01	1.27E+00	4.14E+00		1.27E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Antimony-125	1.24E+00	1.55E+00	5.04E+00		1.57E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Antimony-125	2.05E-01	1.47E+00	4.87E+00		1.47E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Antimony-125	6.02E-01	9.74E-01	3.38E+00		9.84E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Antimony-125	2.68E-01	1.61E+00	5.46E+00		1.62E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Antimony-125	-1.62E+00	1.37E+00	3.88E+00		1.42E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Antimony-125	1.06E+00	1.15E+00	4.01E+00		1.17E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Antimony-125	6.34E-01	1.18E+00	3.95E+00		1.19E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Antimony-125	3.52E-01	1.16E+00	3.91E+00		1.17E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Antimony-125	7.85E-01	1.41E+00	4.65E+00		1.43E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Antimony-125	2.54E-01	1.53E+00	4.94E+00		1.54E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Antimony-125	-1.61E-01	1.37E+00	4.64E+00		1.37E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	BETA	2.13E+00	1.89E+00	2.70E+00	4.00E+00	1.92E+00	pCi/L	U

SW-3QC(568660002) - Surface Water	25-Jan-22	Barium-140	1.22E+00	2.76E+00	9.16E+00	1.50E+01	2.78E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Barium-140	-7.59E+00	5.82E+00	1.18E+01	1.50E+01	6.09E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Barium-140	4.66E+00	2.92E+00	1.01E+01	1.50E+01	3.12E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Barium-140	3.21E-01	2.31E+00	7.81E+00	1.50E+01	2.31E+00	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Barium-140	1.57E+00	4.23E+00	1.42E+01	1.50E+01	4.25E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Barium-140	1.24E+00	2.69E+00	8.87E+00	1.50E+01	2.70E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Barium-140	7.03E-01	2.14E+00	7.29E+00	1.50E+01	2.15E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Barium-140	2.96E+00	2.14E+00	7.28E+00	1.50E+01	2.25E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Barium-140	1.58E+00	2.33E+00	7.84E+00	1.50E+01	2.36E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Barium-140	1.94E-01	2.02E+00	6.46E+00	1.50E+01	2.02E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Barium-140	1.25E+00	3.04E+00	1.04E+01	1.50E+01	3.05E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Barium-140	-1.62E+00	3.35E+00	7.15E+00	1.50E+01	3.37E+00	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Beryllium-7	-4.48E+00	4.31E+00	1.37E+01		4.44E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Beryllium-7	3.81E+00	5.00E+00	1.72E+01		5.08E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Beryllium-7	9.74E+00	4.68E+00	1.65E+01		5.20E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Beryllium-7	2.55E+00	3.10E+00	1.08E+01		3.15E+00	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Beryllium-7	5.63E+00	5.72E+00	1.98E+01		5.87E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Beryllium-7	-4.36E+00	3.99E+00	1.27E+01		4.12E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Beryllium-7	1.74E-01	3.70E+00	1.13E+01		3.70E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Beryllium-7	-1.70E+00	3.85E+00	1.24E+01		3.87E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Beryllium-7	-5.33E+00	3.94E+00	1.25E+01		4.14E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Beryllium-7	7.10E+00	4.29E+00	1.45E+01		4.60E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Beryllium-7	-4.75E+00	4.67E+00	1.53E+01		4.80E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Beryllium-7	-3.12E+00	4.22E+00	1.39E+01		4.28E+00	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Cerium-141	-4.36E+00	1.61E+00	2.82E+00		1.90E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Cerium-141	-1.03E+00	1.01E+00	2.91E+00		1.04E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Cerium-141	1.03E+00	1.03E+00	3.11E+00		1.05E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Cerium-141	-3.57E+00	1.19E+00	2.31E+00		1.45E+00	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Cerium-141	-3.82E-01	1.36E+00	4.34E+00		1.36E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Cerium-141	-1.23E-01	8.71E-01	2.62E+00		8.71E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Cerium-141	-2.59E+00	1.29E+00	2.56E+00		1.42E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Cerium-141	5.52E-01	8.51E-01	2.55E+00		8.61E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Cerium-141	4.59E-01	8.15E-01	2.45E+00		8.22E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Cerium-141	-5.76E+00	1.61E+00	2.79E+00		2.10E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Cerium-141	-1.26E+00	1.00E+00	3.06E+00		1.05E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Cerium-141	-2.50E-01	8.79E-01	2.87E+00		8.81E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Cerium-144	4.33E-01	3.19E+00	1.03E+01		3.19E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Cerium-144	1.00E+01	4.63E+00	1.00E+01		4.65E+00	pCi/L	UI
SW-3QC(575361002) - Surface Water	30-Mar-22	Cerium-144	-4.95E+00	3.81E+00	1.19E+01		3.98E+00	pCi/L	U

SW-3QC(578242002) - Surface Water	26-Apr-22	Cerium-144	2.87E-01	2.67E+00	8.76E+00		2.67E+00	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Cerium-144	4.47E+00	4.39E+00	1.45E+01		4.51E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Cerium-144	4.86E+00	3.01E+00	1.02E+01		3.22E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Cerium-144	-2.16E+00	2.78E+00	8.97E+00		2.83E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Cerium-144	1.51E+00	2.94E+00	9.55E+00		2.96E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Cerium-144	9.72E-01	2.95E+00	9.54E+00		2.95E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Cerium-144	-2.13E+00	3.61E+00	1.12E+01		3.65E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Cerium-144	-1.37E+00	3.63E+00	1.14E+01		3.64E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Cerium-144	-1.71E+00	3.44E+00	1.12E+01		3.47E+00	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Cesium-134	1.73E-01	4.72E-01	1.63E+00	1.50E+01	4.74E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Cesium-134	1.20E+00	6.21E-01	2.24E+00	1.50E+01	6.82E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Cesium-134	-5.10E-01	5.40E-01	1.75E+00	1.50E+01	5.53E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Cesium-134	-9.80E-01	5.27E-01	1.31E+00	1.50E+01	5.75E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Cesium-134	1.61E+00	6.69E-01	2.43E+00	1.50E+01	7.68E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Cesium-134	9.33E-01	4.86E-01	1.65E+00	1.50E+01	5.32E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Cesium-134	-2.15E-01	4.71E-01	1.50E+00	1.50E+01	4.73E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Cesium-134	4.67E-01	4.23E-01	1.49E+00	1.50E+01	4.37E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Cesium-134	5.38E-01	5.29E-01	1.76E+00	1.50E+01	5.43E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Cesium-134	-1.19E-01	5.39E-01	1.71E+00	1.50E+01	5.40E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Cesium-134	-4.76E-01	6.82E-01	2.14E+00	1.50E+01	6.91E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Cesium-134	1.16E+00	6.07E-01	1.96E+00	1.50E+01	6.65E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Cesium-137	-8.85E-02	5.86E-01	1.66E+00	1.80E+01	5.86E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Cesium-137	1.81E-01	6.32E-01	2.08E+00	1.80E+01	6.34E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Cesium-137	-1.98E+00	1.40E+00	3.98E+00	1.80E+01	1.47E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Cesium-137	6.13E-01	4.36E-01	1.52E+00	1.80E+01	4.59E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Cesium-137	5.81E-01	6.51E-01	2.02E+00	1.80E+01	6.66E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Cesium-137	-7.20E-01	8.74E-01	1.57E+00	1.80E+01	8.90E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Cesium-137	-6.45E-01	7.76E-01	1.51E+00	1.80E+01	7.91E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Cesium-137	9.00E-01	1.21E+00	1.40E+00	1.80E+01	1.21E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Cesium-137	8.38E-01	4.70E-01	1.63E+00	1.80E+01	5.09E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Cesium-137	1.74E-01	5.16E-01	1.76E+00	1.80E+01	5.17E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Cesium-137	6.61E-02	6.38E-01	2.12E+00	1.80E+01	6.38E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Cesium-137	-5.44E-01	5.71E-01	1.81E+00	1.80E+01	5.85E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Chromium-51	-2.48E+00	4.58E+00	1.53E+01		4.62E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Chromium-51	7.79E-01	5.58E+00	1.84E+01		5.59E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Chromium-51	4.34E+00	5.06E+00	1.74E+01		5.16E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Chromium-51	2.90E+00	6.90E+00	1.28E+01		6.90E+00	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Chromium-51	1.17E+01	9.04E+00	2.15E+01		9.06E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Chromium-51	2.77E+00	4.32E+00	1.49E+01		4.37E+00	pCi/L	U

SW-3QC(587548002) - Surface Water	26-Jul-22	Chromium-51	4.55E+00	4.15E+00	1.35E+01		4.29E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Chromium-51	4.93E+00	4.11E+00	1.42E+01		4.27E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Chromium-51	1.68E+00	3.98E+00	1.36E+01		4.00E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Chromium-51	-1.72E+00	4.24E+00	1.39E+01		4.26E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Chromium-51	6.40E+00	5.39E+00	1.83E+01		5.60E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Chromium-51	3.38E+00	5.00E+00	1.59E+01		5.07E+00	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Cobalt-57	4.03E-01	4.01E-01	1.33E+00		4.12E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Cobalt-57	7.83E-01	4.26E-01	1.46E+00		4.64E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Cobalt-57	4.64E-01	4.69E-01	1.55E+00		4.81E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Cobalt-57	-1.57E-02	3.28E-01	1.08E+00		3.28E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Cobalt-57	-4.72E-01	6.06E-01	1.93E+00		6.17E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Cobalt-57	5.52E-01	3.79E-01	1.28E+00		4.00E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Cobalt-57	-7.09E-01	3.67E-01	1.16E+00		4.03E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Cobalt-57	-2.00E-01	3.81E-01	1.22E+00		3.84E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Cobalt-57	-9.39E-01	3.68E-01	1.12E+00		4.29E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Cobalt-57	3.72E-01	4.68E-01	1.50E+00		4.76E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Cobalt-57	-3.30E-01	4.75E-01	1.49E+00		4.81E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Cobalt-57	-2.35E-01	4.62E-01	1.52E+00		4.66E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Cobalt-58	6.95E-01	4.74E-01	1.70E+00	1.50E+01	5.01E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Cobalt-58	6.51E-03	5.88E-01	1.97E+00	1.50E+01	5.88E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Cobalt-58	-6.03E-01	5.22E-01	1.67E+00	1.50E+01	5.40E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Cobalt-58	3.31E-01	4.27E-01	1.45E+00	1.50E+01	4.34E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Cobalt-58	5.47E-01	5.69E-01	1.94E+00	1.50E+01	5.83E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Cobalt-58	-7.77E-03	4.56E-01	1.42E+00	1.50E+01	4.56E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Cobalt-58	4.19E-01	4.29E-01	1.47E+00	1.50E+01	4.40E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Cobalt-58	-4.20E-01	4.39E-01	1.43E+00	1.50E+01	4.50E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Cobalt-58	-5.35E-01	4.69E-01	1.41E+00	1.50E+01	4.85E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Cobalt-58	1.74E-01	4.73E-01	1.59E+00	1.50E+01	4.75E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Cobalt-58	1.01E+00	6.30E-01	2.19E+00	1.50E+01	6.73E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Cobalt-58	2.98E-01	5.16E-01	1.71E+00	1.50E+01	5.21E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Cobalt-60	1.38E+00	5.45E-01	1.88E+00	1.50E+01	6.34E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Cobalt-60	-1.05E-01	6.61E-01	2.18E+00	1.50E+01	6.62E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Cobalt-60	2.15E+00	7.74E-01	2.15E+00	1.50E+01	1.08E+00	pCi/L	UI
SW-3QC(578242002) - Surface Water	26-Apr-22	Cobalt-60	-1.14E-01	3.96E-01	1.33E+00	1.50E+01	3.97E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Cobalt-60	8.39E-01	7.18E-01	2.56E+00	1.50E+01	7.45E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Cobalt-60	-9.70E-02	4.99E-01	1.58E+00	1.50E+01	4.99E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Cobalt-60	-4.20E-01	4.70E-01	1.51E+00	1.50E+01	4.81E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Cobalt-60	-4.33E-01	6.83E-01	1.47E+00	1.50E+01	6.91E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Cobalt-60	1.41E+00	7.60E-01	1.65E+00	1.50E+01	8.29E-01	pCi/L	U

SW-3QC(598250002) - Surface Water	25-Oct-22	Cobalt-60	1.30E+00	7.29E-01	2.10E+00	1.50E+01	7.91E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Cobalt-60	1.16E+00	6.22E-01	2.26E+00	1.50E+01	6.79E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Cobalt-60	7.94E-01	5.30E-01	1.92E+00	1.50E+01	5.63E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Iodine-131	3.14E-01	9.35E-01	3.17E+00		9.38E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Iodine-131	-1.29E-01	1.34E+00	4.33E+00		1.34E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Iodine-131	1.26E+00	1.10E+00	3.80E+00		1.14E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Iodine-131	3.11E-02	9.85E-01	3.07E+00		9.85E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Iodine-131	-2.57E+00	1.76E+00	5.71E+00		1.86E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Iodine-131	6.12E-02	1.05E+00	3.53E+00		1.05E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Iodine-131	-4.04E-01	9.29E-01	2.83E+00		9.33E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Iodine-131	-1.46E+00	8.12E-01	2.59E+00	1.50E+01	8.81E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Iodine-131	-3.02E-01	8.75E-01	2.92E+00	1.50E+01	8.78E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Iodine-131	-6.21E-01	6.52E-01	2.08E+00	1.50E+01	6.69E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Iodine-131	1.70E+00	1.26E+00	4.26E+00	1.50E+01	1.32E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Iodine-131	1.25E-01	6.63E-01	2.28E+00	1.50E+01	6.64E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Iron-59	-2.30E+00	1.01E+00	2.93E+00	3.00E+01	1.15E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Iron-59	9.20E-01	1.39E+00	4.62E+00	3.00E+01	1.40E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Iron-59	-2.17E+00	1.21E+00	3.63E+00	3.00E+01	1.32E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Iron-59	-7.28E-01	9.30E-01	2.50E+00	3.00E+01	9.46E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Iron-59	8.85E-01	1.24E+00	4.36E+00	3.00E+01	1.25E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Iron-59	3.97E-01	1.11E+00	3.26E+00	3.00E+01	1.12E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Iron-59	-1.26E+00	9.07E-01	2.63E+00	3.00E+01	9.55E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Iron-59	8.38E-01	8.39E-01	2.90E+00	3.00E+01	8.62E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Iron-59	3.96E-01	1.03E+00	3.49E+00	3.00E+01	1.03E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Iron-59	5.06E-01	9.95E-01	3.30E+00	3.00E+01	1.00E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Iron-59	3.86E-01	1.43E+00	4.22E+00	3.00E+01	1.44E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Iron-59	8.21E-01	9.10E-01	3.22E+00	3.00E+01	9.31E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Lanthanum-140	-9.13E-01	9.01E-01	2.67E+00	1.50E+01	9.26E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Lanthanum-140	-2.42E+00	1.37E+00	3.99E+00	1.50E+01	1.48E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Lanthanum-140	3.89E-01	9.23E-01	3.20E+00	1.50E+01	9.28E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Lanthanum-140	-1.52E+00	8.51E-01	2.57E+00	1.50E+01	9.21E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Lanthanum-140	5.69E-01	1.30E+00	4.29E+00	1.50E+01	1.31E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Lanthanum-140	-9.12E-01	8.90E-01	2.79E+00	1.50E+01	9.15E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Lanthanum-140	-4.99E-01	8.59E-01	2.75E+00	1.50E+01	8.67E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Lanthanum-140	-3.26E-01	7.70E-01	2.54E+00	1.50E+01	7.73E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Lanthanum-140	3.32E-01	8.35E-01	2.78E+00	1.50E+01	8.39E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Lanthanum-140	-9.39E-02	8.18E-01	2.33E+00	1.50E+01	8.18E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Lanthanum-140	1.23E+00	1.22E+00	4.33E+00	1.50E+01	1.26E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Lanthanum-140	-3.33E+00	2.76E+00	2.59E+00	1.50E+01	2.87E+00	pCi/L	U

SW-3QC(568660002) - Surface Water	25-Jan-22	Manganese-54	-4.60E-01	4.96E-01	1.62E+00	1.50E+01	5.08E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Manganese-54	-1.97E+00	9.36E-01	1.87E+00	1.50E+01	1.04E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Manganese-54	6.01E-02	5.31E-01	1.80E+00	1.50E+01	5.31E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Manganese-54	-1.94E-01	3.75E-01	1.20E+00	1.50E+01	3.78E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Manganese-54	-4.59E-01	6.37E-01	1.96E+00	1.50E+01	6.46E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Manganese-54	1.41E+00	8.78E-01	1.41E+00	1.50E+01	8.83E-01	pCi/L	UI
SW-3QC(587548002) - Surface Water	26-Jul-22	Manganese-54	2.31E-01	4.36E-01	1.45E+00	1.50E+01	4.39E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Manganese-54	-3.86E-02	4.40E-01	1.48E+00	1.50E+01	4.40E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Manganese-54	-9.81E-01	4.62E-01	1.32E+00	1.50E+01	5.16E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Manganese-54	3.35E-02	5.11E-01	1.49E+00	1.50E+01	5.11E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Manganese-54	-1.01E+00	5.67E-01	1.66E+00	1.50E+01	6.14E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Manganese-54	6.36E-01	5.21E-01	1.77E+00	1.50E+01	5.42E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Niobium-95	3.27E-01	4.97E-01	1.63E+00	1.50E+01	5.03E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Niobium-95	9.48E-01	6.15E-01	2.19E+00	1.50E+01	6.54E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Niobium-95	4.56E-01	5.50E-01	1.93E+00	1.50E+01	5.61E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Niobium-95	5.36E-02	3.87E-01	1.28E+00	1.50E+01	3.87E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Niobium-95	3.86E-02	6.33E-01	2.05E+00	1.50E+01	6.33E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Niobium-95	6.58E-01	4.63E-01	1.64E+00	1.50E+01	4.88E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Niobium-95	3.52E-01	4.35E-01	1.48E+00	1.50E+01	4.42E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Niobium-95	-2.95E-01	4.52E-01	1.50E+00	1.50E+01	4.57E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Niobium-95	-1.73E-01	4.58E-01	1.44E+00	1.50E+01	4.60E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Niobium-95	1.55E+00	1.51E+00	1.55E+00	1.50E+01	1.52E+00	pCi/L	UI
SW-3QC(602376002) - Surface Water	29-Nov-22	Niobium-95	-7.91E-02	6.57E-01	2.13E+00	1.50E+01	6.57E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Niobium-95	-5.80E-01	5.01E-01	1.54E+00	1.50E+01	5.19E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Potassium-40	-2.07E+01	1.15E+01	2.47E+01		1.25E+01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Potassium-40	8.05E+00	1.38E+01	2.22E+01		1.38E+01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Potassium-40	8.46E-01	9.32E+00	2.65E+01		9.32E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Potassium-40	-1.60E+01	9.55E+00	2.06E+01		1.03E+01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Potassium-40	1.52E+01	1.43E+01	1.70E+01		1.44E+01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Potassium-40	1.32E+01	1.50E+01	1.32E+01		1.50E+01	pCi/L	UI
SW-3QC(587548002) - Surface Water	26-Jul-22	Potassium-40	3.56E+00	8.84E+00	2.38E+01		8.88E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Potassium-40	-4.69E+00	8.94E+00	2.02E+01		9.01E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Potassium-40	8.90E+00	1.39E+01	1.56E+01		1.39E+01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Potassium-40	-1.09E+01	9.90E+00	2.69E+01		1.02E+01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Potassium-40	-2.05E+01	1.33E+01	2.98E+01		1.41E+01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Potassium-40	-6.57E+00	1.32E+01	3.00E+01		1.33E+01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Ruthenium-103	1.61E-01	5.70E-01	1.89E+00		5.71E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Ruthenium-103	7.77E-01	6.90E-01	2.14E+00		7.14E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Ruthenium-103	-8.12E-01	6.02E-01	1.87E+00		6.32E-01	pCi/L	U

SW-3QC(578242002) - Surface Water	26-Apr-22	Ruthenium-103	-3.27E-01	4.00E-01	1.32E+00		4.07E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Ruthenium-103	-1.23E+00	8.07E-01	2.22E+00		8.57E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Ruthenium-103	-8.38E-01	5.24E-01	1.63E+00		5.59E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Ruthenium-103	-7.54E-01	4.57E-01	1.46E+00		4.90E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Ruthenium-103	-2.54E-01	4.84E-01	1.38E+00		4.87E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Ruthenium-103	2.54E-03	4.71E-01	1.55E+00		4.71E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Ruthenium-103	-1.11E+00	5.88E-01	1.53E+00		6.43E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Ruthenium-103	-7.14E-01	6.67E-01	1.89E+00		6.88E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Ruthenium-103	-8.29E-01	5.01E-01	1.59E+00		5.38E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Ruthenium-106	3.31E+00	4.62E+00	1.53E+01		4.69E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Ruthenium-106	-2.11E+00	5.52E+00	1.78E+01		5.54E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Ruthenium-106	1.47E+01	1.07E+01	1.47E+01		1.08E+01	pCi/L	UI
SW-3QC(578242002) - Surface Water	26-Apr-22	Ruthenium-106	-3.11E+00	3.67E+00	1.19E+01		3.74E+00	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Ruthenium-106	-2.09E+00	5.26E+00	1.69E+01		5.29E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Ruthenium-106	-7.19E-01	4.01E+00	1.22E+01		4.01E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Ruthenium-106	1.66E+00	3.81E+00	1.29E+01		3.83E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Ruthenium-106	4.02E+00	3.87E+00	1.29E+01		3.98E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Ruthenium-106	5.26E+00	4.25E+00	1.44E+01		4.43E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Ruthenium-106	1.36E+01	8.06E+00	1.54E+01		8.08E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Ruthenium-106	-4.53E+00	5.19E+00	1.67E+01		5.30E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Ruthenium-106	4.84E-01	4.45E+00	1.48E+01		4.45E+00	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Selenium-75	2.79E-01	6.13E-01	2.12E+00		6.16E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Selenium-75	1.75E-01	6.35E-01	2.14E+00		6.36E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Selenium-75	6.78E-01	7.19E-01	2.51E+00		7.36E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Selenium-75	1.77E-01	5.33E-01	1.70E+00		5.34E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Selenium-75	2.36E-01	1.02E+00	3.20E+00		1.02E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Selenium-75	-1.26E-01	6.42E-01	1.99E+00		6.43E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Selenium-75	4.88E-01	6.11E-01	1.98E+00		6.22E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Selenium-75	-4.79E-01	5.80E-01	1.94E+00		5.90E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Selenium-75	7.37E-01	7.90E-01	1.98E+00		8.08E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Selenium-75	2.33E-01	6.61E-01	2.22E+00		6.63E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Selenium-75	-1.06E+00	7.20E-01	2.31E+00		7.61E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Selenium-75	1.29E+00	7.04E-01	2.34E+00		7.67E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Silver-108m	9.98E-01	4.18E-01	1.49E+00		4.79E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Silver-108m	-3.31E-01	5.03E-01	1.56E+00		5.09E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Silver-108m	-2.99E-01	5.08E-01	1.65E+00		5.13E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Silver-108m	1.15E-01	3.27E-01	1.13E+00		3.28E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Silver-108m	-1.44E-01	5.30E-01	1.76E+00		5.31E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Silver-108m	-5.13E-02	3.78E-01	1.25E+00		3.78E-01	pCi/L	U

SW-3QC(587548002) - Surface Water	26-Jul-22	Silver-108m	-1.07E-01	3.51E-01	1.18E+00		3.52E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Silver-108m	-6.50E-01	3.92E-01	1.23E+00		4.21E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Silver-108m	2.28E-01	3.86E-01	1.31E+00		3.89E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Silver-108m	-8.70E-02	4.77E-01	1.53E+00		4.78E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Silver-108m	-5.71E-03	5.25E-01	1.68E+00		5.25E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Silver-108m	-7.33E-01	4.01E-01	1.27E+00		4.36E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Silver-110m	-9.40E-01	6.74E-01	2.14E+00		7.09E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Silver-110m	-4.43E+00	1.75E+00	2.65E+00		2.04E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Silver-110m	-2.43E-01	6.73E-01	2.22E+00		6.75E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Silver-110m	-8.81E-01	5.36E-01	1.61E+00		5.75E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Silver-110m	-2.52E+00	9.02E-01	2.38E+00		1.08E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Silver-110m	-8.07E-02	5.79E-01	1.92E+00		5.79E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Silver-110m	-6.08E-01	6.38E-01	1.97E+00		6.54E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Silver-110m	-2.89E-01	5.85E-01	1.93E+00		5.89E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Silver-110m	5.86E-01	6.09E-01	1.94E+00		6.24E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Silver-110m	-1.55E-01	6.95E-01	2.27E+00		6.96E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Silver-110m	-3.72E-01	8.01E-01	2.51E+00		8.06E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Silver-110m	7.68E-01	7.37E-01	2.48E+00		7.59E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Strontium-89	-1.26E+00	2.48E-01	1.30E+00	1.00E+01	7.74E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Strontium-89	6.84E-02	4.74E-01	1.54E+00	1.00E+01	6.36E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Strontium-89	2.20E-01	7.62E-01	2.47E+00	1.00E+01	9.68E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Strontium-89	4.91E-02	4.71E-01	1.54E+00	1.00E+01	7.14E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Strontium-89	3.77E-01	4.51E-01	1.40E+00	1.00E+01	6.70E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Strontium-89	-8.74E-01	7.01E-01	2.45E+00	1.00E+01	9.33E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Strontium-89	-2.27E-02	6.04E-01	1.99E+00	1.00E+01	7.93E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Strontium-89	8.44E-01	5.28E-01	1.60E+00	1.00E+01	6.79E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Strontium-89	-7.13E-01	4.55E-01	1.67E+00	1.00E+01	6.86E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Strontium-89	-1.13E+00	7.01E-01	2.51E+00	1.00E+01	8.73E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Strontium-89	-7.10E-01	3.62E-01	1.40E+00	1.00E+01	5.88E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Strontium-89	3.29E-01	4.84E-01	1.51E+00	1.00E+01	6.20E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Strontium-90	6.93E-01	5.36E-01	1.75E+00	2.00E+00	5.73E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Strontium-90	-7.83E-01	4.11E-01	1.84E+00	2.00E+00	5.24E-01	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Strontium-90	5.20E-01	5.28E-01	1.70E+00	2.00E+00	5.51E-01	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Strontium-90	-5.35E-01	3.60E-01	1.42E+00	2.00E+00	3.94E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Strontium-90	8.00E-01	3.90E-01	1.31E+00	2.00E+00	4.54E-01	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Strontium-90	1.02E+00	4.70E-01	1.70E+00	2.00E+00	5.89E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Strontium-90	4.53E-01	3.82E-01	1.27E+00	2.00E+00	4.14E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Strontium-90	-1.73E-01	4.21E-01	1.76E+00	2.00E+00	5.25E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Strontium-90	6.86E-01	4.04E-01	1.79E+00	2.00E+00	5.80E-01	pCi/L	U

SW-3QC(598250002) - Surface Water	25-Oct-22	Strontium-90	1.48E+00	4.82E-01	1.70E+00	2.00E+00	6.26E-01	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Strontium-90	1.63E-01	3.83E-01	1.33E+00	2.00E+00	4.17E-01	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Strontium-90	-8.42E-01	3.19E-01	1.35E+00	2.00E+00	3.72E-01	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Thorium-228	-1.02E+00	1.91E+00	3.42E+00		1.92E+00	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Thorium-228	1.74E+00	2.08E+00	3.75E+00		2.12E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Thorium-228	-4.55E+00	1.83E+00	3.88E+00		2.11E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Thorium-228	-5.36E-01	1.49E+00	3.62E+00		1.50E+00	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Thorium-228	1.60E+00	2.60E+00	4.02E+00		2.60E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Thorium-228	-2.54E+00	1.47E+00	3.21E+00		1.59E+00	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Thorium-228	-1.18E+00	1.36E+00	3.32E+00		1.39E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Thorium-228	1.31E+00	1.88E+00	2.65E+00		1.88E+00	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Thorium-228	-2.36E+00	1.48E+00	4.08E+00		1.58E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Thorium-228	3.01E+00	2.21E+00	4.15E+00		2.32E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Thorium-228	-2.15E+00	1.72E+00	4.00E+00		1.80E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Thorium-228	1.03E+00	1.78E+00	3.98E+00		1.80E+00	pCi/L	U
SW-3QC(579411002) - Surface Water	28-Feb-22	Tritium	1.73E+02	1.49E+02	4.72E+02	5.00E+02	1.50E+02	pCi/L	U
SW-3QC(588446002) - Surface Water	28-Jun-22	Tritium	4.70E+01	8.69E+01	2.74E+02	5.00E+02	8.70E+01	pCi/L	U
SW-3QC(599851002) - Surface Water	27-Sep-22	Tritium	1.51E+02	9.99E+01	3.11E+02	5.00E+02	1.01E+02	pCi/L	U
SW-3QC(609162002) - Surface Water	27-Dec-22	Tritium	1.47E+02	1.21E+02	3.79E+02	5.00E+02	1.22E+02	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Zinc-65	8.37E-01	9.33E-01	3.24E+00	3.00E+01	9.53E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Zinc-65	3.01E+00	1.40E+00	4.47E+00	3.00E+01	1.57E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Zinc-65	-4.86E-01	1.10E+00	3.52E+00	3.00E+01	1.10E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Zinc-65	-8.74E-01	7.62E-01	2.27E+00	3.00E+01	7.89E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Zinc-65	-1.46E+00	1.52E+00	4.17E+00	3.00E+01	1.56E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Zinc-65	3.94E-01	8.60E-01	2.88E+00	3.00E+01	8.65E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Zinc-65	5.79E-01	9.95E-01	3.27E+00	3.00E+01	1.00E+00	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Zinc-65	-1.07E-01	8.60E-01	2.82E+00	3.00E+01	8.60E-01	pCi/L	U
SW-3QC(594838002) - Surface Water	27-Sep-22	Zinc-65	-1.85E+00	1.63E+00	3.41E+00	3.00E+01	1.69E+00	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Zinc-65	-1.81E+00	1.23E+00	3.08E+00	3.00E+01	1.30E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Zinc-65	2.82E+00	1.86E+00	4.11E+00	3.00E+01	1.87E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Zinc-65	-2.95E+00	1.67E+00	3.60E+00	3.00E+01	1.81E+00	pCi/L	U
SW-3QC(568660002) - Surface Water	25-Jan-22	Zirconium-95	4.03E-01	9.01E-01	2.92E+00	1.50E+01	9.06E-01	pCi/L	U
SW-3QC(571927002) - Surface Water	28-Feb-22	Zirconium-95	3.46E-01	1.04E+00	3.48E+00	1.50E+01	1.05E+00	pCi/L	U
SW-3QC(575361002) - Surface Water	30-Mar-22	Zirconium-95	-1.12E+00	1.01E+00	2.82E+00	1.50E+01	1.04E+00	pCi/L	U
SW-3QC(578242002) - Surface Water	26-Apr-22	Zirconium-95	7.29E-01	6.51E-01	2.26E+00	1.50E+01	6.73E-01	pCi/L	U
SW-3QC(581494002) - Surface Water	31-May-22	Zirconium-95	-9.54E-01	1.14E+00	3.50E+00	1.50E+01	1.16E+00	pCi/L	U
SW-3QC(584387002) - Surface Water	28-Jun-22	Zirconium-95	-1.11E-02	7.88E-01	2.67E+00	1.50E+01	7.88E-01	pCi/L	U
SW-3QC(587548002) - Surface Water	26-Jul-22	Zirconium-95	1.45E-01	7.45E-01	2.46E+00	1.50E+01	7.46E-01	pCi/L	U
SW-3QC(591563002) - Surface Water	29-Aug-22	Zirconium-95	3.78E-01	7.81E-01	2.70E+00	1.50E+01	7.86E-01	pCi/L	U

SW-3QC(594838002) - Surface Water	27-Sep-22	Zirconium-95	-1.11E-01	7.70E-01	2.45E+00	1.50E+01	7.70E-01	pCi/L	U
SW-3QC(598250002) - Surface Water	25-Oct-22	Zirconium-95	-2.09E+00	1.38E+00	2.89E+00	1.50E+01	1.46E+00	pCi/L	U
SW-3QC(602376002) - Surface Water	29-Nov-22	Zirconium-95	-1.27E+00	1.16E+00	3.60E+00	1.50E+01	1.20E+00	pCi/L	U
SW-3QC(605370002) - Surface Water	27-Dec-22	Zirconium-95	7.78E-01	8.42E-01	2.86E+00	1.50E+01	8.62E-01	pCi/L	U

SW-4
Surface Water

Sample Name	Date Collected	Nuclide	Result	1 Sigma Uncert	MDC	LLD	1 Sigma TPU	Units	Qual
SW-4(598250005) - Surface Water	25-Oct-22	Actinium-228	-3.13E+00	2.73E+00	6.40E+00		2.82E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Actinium-228	4.54E+00	4.55E+00	8.90E+00		4.67E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Actinium-228	1.65E-01	3.21E+00	7.17E+00		3.21E+00	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Antimony-124	-1.06E+00	9.77E-01	2.97E+00		1.01E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Antimony-124	-6.38E-01	1.37E+00	4.30E+00		1.38E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Antimony-124	4.67E-01	9.23E-01	3.21E+00		9.29E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Antimony-125	6.01E-01	1.07E+00	3.68E+00		1.08E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Antimony-125	9.07E-01	1.63E+00	5.58E+00		1.64E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Antimony-125	-6.68E-01	1.14E+00	3.76E+00		1.15E+00	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Barium-140	4.67E+00	2.87E+00	6.42E+00	1.50E+01	3.07E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Barium-140	6.68E-01	3.27E+00	1.10E+01	1.50E+01	3.27E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Barium-140	-4.71E+00	2.42E+00	5.63E+00	1.50E+01	2.66E+00	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Beryllium-7	1.22E+00	3.15E+00	1.08E+01		3.17E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Beryllium-7	6.41E+00	4.97E+00	1.74E+01		5.19E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Beryllium-7	2.60E+00	3.56E+00	1.21E+01		3.61E+00	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Cerium-141	2.05E-01	1.42E+00	2.30E+00		1.42E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Cerium-141	3.36E-02	1.20E+00	3.99E+00		1.20E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Cerium-141	-3.75E+00	1.17E+00	2.18E+00		1.46E+00	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Cerium-144	1.26E+00	2.81E+00	9.23E+00		2.83E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Cerium-144	1.86E-01	4.43E+00	1.33E+01		4.43E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Cerium-144	-1.85E+00	2.78E+00	8.99E+00		2.82E+00	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Cesium-134	-1.82E-01	4.65E-01	1.49E+00	1.50E+01	4.67E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Cesium-134	7.80E-01	6.23E-01	2.13E+00	1.50E+01	6.49E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Cesium-134	8.67E-02	4.67E-01	1.50E+00	1.50E+01	4.68E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Cesium-137	8.49E-01	4.16E-01	1.49E+00	1.80E+01	4.61E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Cesium-137	-4.52E-01	6.82E-01	1.90E+00	1.80E+01	6.90E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Cesium-137	-8.61E-01	8.79E-01	2.22E+00	1.80E+01	9.02E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Chromium-51	-1.20E+00	3.33E+00	1.13E+01		3.34E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Chromium-51	-2.82E+00	6.12E+00	1.93E+01		6.15E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Chromium-51	-1.24E+00	3.51E+00	1.19E+01		3.53E+00	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Cobalt-57	-1.57E-01	3.66E-01	1.18E+00		3.68E-01	pCi/L	U

SW-4(602376005) - Surface Water	29-Nov-22	Cobalt-57	-7.17E-01	5.34E-01	1.75E+00		5.61E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Cobalt-57	3.40E-01	3.51E-01	1.18E+00		3.60E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Cobalt-58	-6.46E-01	4.02E-01	1.20E+00	1.50E+01	4.30E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Cobalt-58	4.36E-01	5.86E-01	1.97E+00	1.50E+01	5.95E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Cobalt-58	2.73E-01	4.20E-01	1.37E+00	1.50E+01	4.25E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Cobalt-60	-1.38E+00	8.42E-01	1.56E+00	1.50E+01	9.02E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Cobalt-60	1.03E+00	6.15E-01	2.21E+00	1.50E+01	6.62E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Cobalt-60	-1.17E+00	6.07E-01	1.49E+00	1.50E+01	6.66E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Iodine-131	1.21E-01	5.20E-01	1.79E+00	1.50E+01	5.21E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Iodine-131	1.71E+00	1.45E+00	4.76E+00	1.50E+01	1.50E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Iodine-131	9.59E-02	5.32E-01	1.81E+00	1.50E+01	5.33E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Iron-59	5.56E-01	8.43E-01	2.78E+00	3.00E+01	8.53E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Iron-59	-7.63E-01	1.20E+00	3.91E+00	3.00E+01	1.21E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Iron-59	-2.56E-02	8.11E-01	2.69E+00	3.00E+01	8.11E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Lanthanum-140	-1.51E+00	6.95E-01	1.79E+00	1.50E+01	7.80E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Lanthanum-140	-1.10E+00	1.27E+00	3.95E+00	1.50E+01	1.30E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Lanthanum-140	4.63E-01	6.06E-01	1.98E+00	1.50E+01	6.15E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Manganese-54	-3.78E-02	4.49E-01	1.29E+00	1.50E+01	4.49E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Manganese-54	-6.55E-01	6.64E-01	1.77E+00	1.50E+01	6.82E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Manganese-54	1.20E-01	4.43E-01	1.35E+00	1.50E+01	4.44E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Niobium-95	9.41E-01	4.18E-01	1.49E+00	1.50E+01	4.72E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Niobium-95	1.75E+00	9.16E-01	1.75E+00	1.50E+01	9.25E-01	pCi/L	UI
SW-4(605370005) - Surface Water	27-Dec-22	Niobium-95	-2.34E-01	4.42E-01	1.38E+00	1.50E+01	4.46E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Potassium-40	1.39E+01	1.17E+01	1.39E+01		1.18E+01	pCi/L	UI
SW-4(602376005) - Surface Water	29-Nov-22	Potassium-40	1.42E+01	1.25E+01	2.75E+01		1.29E+01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Potassium-40	3.14E+01	8.18E+00	1.26E+01		8.32E+00	pCi/L	
SW-4(598250005) - Surface Water	25-Oct-22	Ruthenium-103	-6.42E-01	4.07E-01	1.29E+00		4.34E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Ruthenium-103	-5.41E-01	6.22E-01	2.03E+00		6.35E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Ruthenium-103	5.40E-02	4.54E-01	1.35E+00		4.54E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Ruthenium-106	6.14E-01	3.65E+00	1.22E+01		3.65E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Ruthenium-106	-6.06E+00	5.21E+00	1.65E+01		5.40E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Ruthenium-106	-3.93E+00	3.71E+00	1.16E+01		3.82E+00	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Selenium-75	-8.71E-01	6.14E-01	1.85E+00		6.46E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Selenium-75	6.81E-01	8.22E-01	2.71E+00		8.38E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Selenium-75	-7.47E-02	5.79E-01	1.80E+00		5.79E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Silver-108m	4.72E-01	3.60E-01	1.27E+00		3.76E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Silver-108m	-9.92E-01	4.91E-01	1.56E+00		5.43E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Silver-108m	-1.12E-01	3.54E-01	1.17E+00		3.55E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Silver-110m	-2.00E-01	5.62E-01	1.78E+00		5.64E-01	pCi/L	U

SW-4(602376005) - Surface Water	29-Nov-22	Silver-110m	-6.97E-01	8.24E-01	2.56E+00		8.40E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Silver-110m	2.68E-01	5.37E-01	1.86E+00		5.41E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Strontium-89	-1.67E-01	7.93E-01	2.64E+00	1.00E+01	8.87E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Strontium-89	-7.14E-02	6.37E-01	2.11E+00	1.00E+01	7.77E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Strontium-89	-2.78E+00	5.12E-01	2.30E+00	1.00E+01	6.60E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Strontium-90	-7.25E-02	3.08E-01	1.62E+00	2.00E+00	4.89E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Strontium-90	-8.54E-01	3.33E-01	1.38E+00	2.00E+00	3.63E-01	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Strontium-90	4.66E-01	3.69E-01	1.34E+00	2.00E+00	4.33E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Thorium-228	-1.26E+00	1.21E+00	3.24E+00		1.25E+00	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Thorium-228	-2.82E+00	2.20E+00	4.68E+00		2.30E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Thorium-228	3.71E-01	1.78E+00	3.31E+00		1.78E+00	pCi/L	U
SW-4(609162005) - Surface Water	27-Dec-22	Tritium	3.09E+02	1.38E+02	4.16E+02	5.00E+02	1.42E+02	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Zinc-65	-9.07E-01	8.97E-01	2.67E+00	3.00E+01	9.21E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Zinc-65	-2.01E+00	1.22E+00	3.79E+00	3.00E+01	1.31E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Zinc-65	1.45E+00	8.82E-01	3.14E+00	3.00E+01	9.44E-01	pCi/L	U
SW-4(598250005) - Surface Water	25-Oct-22	Zirconium-95	6.92E-01	7.78E-01	2.40E+00	1.50E+01	7.95E-01	pCi/L	U
SW-4(602376005) - Surface Water	29-Nov-22	Zirconium-95	2.81E+00	1.65E+00	3.51E+00	1.50E+01	1.78E+00	pCi/L	U
SW-4(605370005) - Surface Water	27-Dec-22	Zirconium-95	2.10E-01	6.90E-01	2.24E+00	1.50E+01	6.92E-01	pCi/L	U

2022 Environmental Monitoring TLDs: Indicator (site boundary to 8 miles); Control (greater than 9 miles); and Onsite (up to 0.4 miles from plant)

ID	TYPE	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed
T1	Indicator	1	10.85	0.51	11-Jan-22	2	11.56	0.57	14-Apr-22	3	11.41	0.43	14-Jul-22	4	12.63	0.77	31-Oct-22
T2	Indicator	1	11.35	0.72	11-Jan-22	2	11.55	0.60	14-Apr-22	3	12.31	0.45	14-Jul-22	4	12.11	0.68	31-Oct-22
T3	Indicator	1	10.20	0.44	11-Jan-22	2	11.21	0.48	14-Apr-22	3	12.29	0.48	14-Jul-22	4	11.73	0.63	31-Oct-22
T4	Indicator	1	11.32	0.50	11-Jan-22	2	12.44	0.59	14-Apr-22	3	13.47	0.48	14-Jul-22	4	13.24	0.74	31-Oct-22
T5	Indicator	1	12.71	0.43	11-Jan-22	2	14.55	0.94	14-Apr-22	3	14.47	0.62	14-Jul-22	4	14.91	0.85	31-Oct-22
T6	Indicator	1	10.73	0.44	11-Jan-22	2	12.32	0.52	14-Apr-22	3	12.51	0.50	14-Jul-22	4	13.53	0.82	31-Oct-22
T7	Control	1	13.66	0.50	11-Jan-22	2	14.88	0.73	14-Apr-22	3	14.52	0.63	14-Jul-22	4	15.24	0.83	31-Oct-22
T8	Indicator	1	13.44	0.52	11-Jan-22	2	12.39	0.94	14-Apr-22	3	15.73	0.73	14-Jul-22	4	15.38	0.79	31-Oct-22
T9	Indicator	1	13.88	0.50	11-Jan-22	2	14.33	0.76	14-Apr-22	3	15.46	0.84	14-Jul-22	4	15.21	0.73	31-Oct-22
T10	Indicator	1	12.95	0.58	11-Jan-22	2	14.44	1.14	14-Apr-22	3	14.69	0.57	14-Jul-22	4	15.50	1.18	31-Oct-22
T11	Indicator	1	11.33	0.57	11-Jan-22	2	11.87	0.87	14-Apr-22	3	12.08	0.58	14-Jul-22	4	12.86	0.93	31-Oct-22
T12	Indicator	1	11.00	0.47	11-Jan-22	2	11.78	0.61	14-Apr-22	3	12.46	0.83	14-Jul-22	4	12.32	0.67	31-Oct-22
T13	Indicator	1	13.74	0.74	11-Jan-22	2	15.07	0.94	14-Apr-22	3	15.54	0.54	14-Jul-22	4	15.76	0.71	31-Oct-22
T14	Indicator	1	12.87	0.56	11-Jan-22	2	14.83	0.88	14-Apr-22	3	15.74	0.64	14-Jul-22	4	15.27	1.00	31-Oct-22
T15	Indicator	1	11.21	0.54	11-Jan-22	2	11.66	1.05	14-Apr-22	3	12.36	0.68	14-Jul-22	4	12.92	0.71	31-Oct-22
T16	Indicator	1	15.08	0.74	11-Jan-22	2	15.72	0.59	14-Apr-22	3	17.36	0.58	14-Jul-22	4	17.27	1.16	31-Oct-22
T17	Indicator	1	11.06	0.43	11-Jan-22	2	11.42	0.89	14-Apr-22	3	11.89	0.66	14-Jul-22	4	12.13	0.78	31-Oct-22
T18	Indicator	1	11.37	0.44	11-Jan-22	2	12.05	0.51	14-Apr-22	3	13.04	0.69	14-Jul-22	4	12.86	0.73	31-Oct-22
T19	Indicator	1	13.62	0.90	11-Jan-22	2	15.61	0.66	14-Apr-22	3	15.04	0.80	14-Jul-22	4	14.45	0.67	31-Oct-22
T20	Indicator	1	13.08	0.51	11-Jan-22	2	14.56	1.16	14-Apr-22	3	15.96	0.57	14-Jul-22	4	17.47	0.90	31-Oct-22
T21	Indicator	1	11.33	0.44	11-Jan-22	2	12.46	0.95	14-Apr-22	3	12.01	0.45	14-Jul-22	4	12.96	0.75	31-Oct-22
T22	Indicator	1	12.20	0.39	11-Jan-22	2	13.70	0.75	14-Apr-22	3	14.24	0.67	14-Jul-22	4	14.18	0.92	31-Oct-22
T23	Indicator	1	11.22	0.48	11-Jan-22	2	12.53	0.60	14-Apr-22	3	13.31	0.56	14-Jul-22	4	15.80	1.06	31-Oct-22
T24	Indicator	1	11.13	0.61	11-Jan-22	2	12.43	1.26	14-Apr-22	3	13.04	0.46	14-Jul-22	4	13.65	0.81	31-Oct-22
T25	Indicator	1	14.40	0.63	11-Jan-22	2	15.88	1.03	14-Apr-22	3	16.42	0.77	14-Jul-22	4	15.44	0.77	31-Oct-22
T26	Indicator	1	14.13	0.46	11-Jan-22	2	15.90	0.67	14-Apr-22	3	15.88	0.56	14-Jul-22	4	15.63	0.82	31-Oct-22
T27	Indicator	1	10.34	0.37	11-Jan-22	2	11.58	0.49	14-Apr-22	3	11.42	0.40	14-Jul-22	4	12.31	0.70	31-Oct-22
T28	Control	1	11.15	0.40	11-Jan-22	2	12.58	0.80	14-Apr-22	3	12.85	0.44	14-Jul-22	4	12.48	0.94	31-Oct-22
T29	Control	1	11.38	0.80	11-Jan-22	2	12.53	0.78	14-Apr-22	3	12.77	0.54	14-Jul-22	4	12.64	0.71	31-Oct-22
T30	Indicator	1	11.75	0.49	11-Jan-22	2	11.83	0.53	14-Apr-22	3	12.75	0.77	14-Jul-22	4	12.64	0.93	31-Oct-22
T31	Control	1	12.56	0.76	11-Jan-22	2	13.73	0.99	14-Apr-22	3	14.39	0.68	14-Jul-22	4	14.15	0.79	31-Oct-22
T32	Control	1	12.49	0.45	11-Jan-22	2	13.80	1.06	14-Apr-22	3	15.00	0.52	14-Jul-22	4	14.09	0.66	31-Oct-22
T33	Control	1	10.97	0.66	11-Jan-22	2	11.95	0.70	14-Apr-22	3	12.52	0.43	14-Jul-22	4	12.58	0.91	31-Oct-22
T34	Control	1	11.15	0.38	11-Jan-22	2	11.99	0.53	14-Apr-22	3	13.09	0.56	14-Jul-22	4	12.55	0.72	31-Oct-22
T35	Indicator	1	11.29	0.47	11-Jan-22	2	12.52	0.82	14-Apr-22	3	13.27	0.66	14-Jul-22	4	14.08	1.06	31-Oct-22

2022 Environmental Monitoring TLDs: Indicator (site boundary to 8 miles); Control (greater than 9 miles); and Onsite (up to 0.4 miles from plant)

ID	TYPE	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed
T36	Control	1	12.12	0.57	11-Jan-22	2	13.62	1.01	14-Apr-22	3	13.98	0.61	14-Jul-22	4	13.49	0.71	31-Oct-22
T37	Control	1	11.35	0.56	11-Jan-22	2	12.58	0.75	14-Apr-22	3	12.45	0.44	14-Jul-22	4	12.01	0.87	31-Oct-22
T38	Indicator	1	13.99	0.65	11-Jan-22	2	16.08	1.13	14-Apr-22	3	15.98	0.51	14-Jul-22	4	15.89	1.19	31-Oct-22
T39	Onsite	1	10.62	0.80	11-Jan-22	2	14.82	1.14	14-Apr-22	3	17.88	0.68	14-Jul-22	4	16.51	1.17	31-Oct-22
T40	Onsite	1	10.77	0.42	11-Jan-22	2	14.25	0.81	14-Apr-22	3	16.09	1.25	14-Jul-22	4	18.19	1.20	31-Oct-22
T41	Onsite	1	12.72	0.68	11-Jan-22	2	20.19	1.18	14-Apr-22	3	27.48	1.36	14-Jul-22	4	23.84	1.66	31-Oct-22
T42	Onsite	1	16.80	0.63	11-Jan-22	2	21.45	1.23	14-Apr-22	3	26.47	1.65	14-Jul-22	4	23.31	1.85	31-Oct-22
T43	Onsite	1	15.45	0.56	11-Jan-22	2	23.17	0.80	14-Apr-22	3	29.82	0.99	14-Jul-22	4	25.95	1.95	31-Oct-22
T44	Onsite	1	15.83	0.48	11-Jan-22	2	23.98	1.06	14-Apr-22	3	32.05	1.11	14-Jul-22	4	25.36	1.55	31-Oct-22
T45	Onsite	1	13.11	0.61	11-Jan-22	2	19.15	0.71	14-Apr-22	3	23.64	1.14	14-Jul-22	4	20.23	1.19	31-Oct-22
T46	Onsite	1	11.18	0.37	11-Jan-22	2	15.06	0.88	14-Apr-22	3	17.99	0.63	14-Jul-22	4	17.69	1.17	31-Oct-22
T47	Onsite	1	13.22	0.60	11-Jan-22	2	22.03	1.34	14-Apr-22	3	29.49	0.94	14-Jul-22	4	26.05	1.18	31-Oct-22
T48	Onsite	1	12.82	0.42	11-Jan-22	2	18.93	1.22	14-Apr-22	3	23.54	1.17	14-Jul-22	4	0.00	0.00	31-Dec-00
T49	Indicator	1	15.39	0.55	11-Jan-22	2	14.83	0.70	14-Apr-22	3	16.96	0.59	14-Jul-22	4	16.85	0.86	31-Oct-22
T50	Indicator	1	13.60	0.58	11-Jan-22	2	14.71	0.91	14-Apr-22	3	15.59	0.69	14-Jul-22	4	15.31	0.72	31-Oct-22
T51	Onsite	1	9.60	0.61	11-Jan-22	2	10.08	0.49	14-Apr-22	3	10.86	0.52	14-Jul-22	4	10.81	0.58	31-Oct-22
T52	Onsite	1	11.34	0.59	11-Jan-22	2	11.74	0.62	14-Apr-22	3	12.84	0.52	14-Jul-22	4	12.79	0.75	31-Oct-22
T53	Onsite	1	12.31	0.79	11-Jan-22	2	15.57	0.58	14-Apr-22	3	16.42	0.77	14-Jul-22	4	16.05	0.73	31-Oct-22
T54	Onsite	1	10.45	0.54	11-Jan-22	2	11.30	0.53	14-Apr-22	3	12.60	0.46	14-Jul-22	4	12.14	1.04	31-Oct-22
T55	Indicator	1	13.06	0.41	11-Jan-22	2	14.34	0.98	14-Apr-22	3	14.57	0.61	14-Jul-22	4	14.47	0.70	31-Oct-22
T56	Indicator	1	12.65	0.63	11-Jan-22	2	15.04	1.53	14-Apr-22	3	14.73	0.49	14-Jul-22	4	14.30	0.96	31-Oct-22
T57	Indicator	1	13.99	0.61	11-Jan-22	2	15.82	0.96	14-Apr-22	3	16.04	0.56	14-Jul-22	4	16.52	0.75	31-Oct-22
T58	Indicator	1	11.81	0.51	11-Jan-22	2	13.35	0.94	14-Apr-22	3	13.20	0.65	14-Jul-22	4	14.19	1.03	31-Oct-22
T59	Indicator	1	11.62	0.39	11-Jan-22	2	13.50	0.80	14-Apr-22	3	13.47	0.60	14-Jul-22	4	13.84	0.84	31-Oct-22
T60	Indicator	1	13.84	0.80	11-Jan-22	2	14.99	0.78	14-Apr-22	3	15.60	0.91	14-Jul-22	4	15.26	0.87	31-Oct-22
T61	Control	1	13.26	0.45	11-Jan-22	2	15.12	0.66	14-Apr-22	3	15.51	0.51	14-Jul-22	4	16.15	1.15	31-Oct-22
T62	Control	1	13.41	0.51	11-Jan-22	2	14.39	1.37	14-Apr-22	3	15.65	0.78	14-Jul-22	4	16.23	0.99	31-Oct-22
T63	Control	1	11.80	0.48	11-Jan-22	2	12.33	0.69	14-Apr-22	3	13.40	0.45	14-Jul-22	4	13.72	0.65	31-Oct-22
T64	Onsite	1	23.69	0.69	11-Jan-22	2	36.37	1.37	14-Apr-22	3	27.13	0.84	14-Jul-22	4	18.24	0.80	31-Oct-22
T65	Onsite	1	31.62	1.45	11-Jan-22	2	48.10	2.76	14-Apr-22	3	40.36	1.35	14-Jul-22	4	25.76	1.03	31-Oct-22
T66	Onsite	1	14.38	0.51	11-Jan-22	2	28.87	1.67	14-Apr-22	3	39.97	2.55	14-Jul-22	4	31.37	1.19	31-Oct-22
T67	Onsite	1	10.21	0.41	11-Jan-22	2	14.65	0.57	14-Apr-22	3	13.22	0.54	14-Jul-22	4	12.31	0.68	31-Oct-22
T68	Indicator	1	13.91	0.65	11-Jan-22	2	16.63	0.92	14-Apr-22	3	18.12	0.75	14-Jul-22	4	17.77	1.40	31-Oct-22
T69	Indicator	1	13.49	0.50	11-Jan-22	2	15.27	0.59	14-Apr-22	3	17.47	0.76	14-Jul-22	4	16.54	0.73	31-Oct-22
T70	Indicator	1	12.06	0.46	11-Jan-22	2	13.29	0.70	14-Apr-22	3	14.95	0.56	14-Jul-22	4	18.88	0.94	31-Oct-22

2022 Environmental Monitoring TLDs: Indicator (site boundary to 8 miles); Control (greater than 9 miles); and Onsite (up to 0.4 miles from plant)

ID	TYPE	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed	Q	DOSE (mR/qtr)	+/- 1 S.D.	Date Placed
T71	Indicator	1	14.29	0.58	11-Jan-22	2	16.03	0.78	14-Apr-22	3	17.41	0.68	14-Jul-22	4	17.68	0.97	31-Oct-22
ISFSI-1	Onsite	1	306.59	7.89	11-Jan-22	2	606.22	17.97	14-Apr-22	3	281.25	9.14	14-Jul-22	4	54.70	2.07	31-Oct-22
ISFSI-2	Onsite	1	37.41	1.79	11-Jan-22	2	55.50	2.49	14-Apr-22	3	39.28	1.20	14-Jul-22	4	25.17	1.05	31-Oct-22
ISFSI-3	Onsite	1	58.62	3.18	11-Jan-22	2	87.72	4.51	14-Apr-22	3	58.93	2.20	14-Jul-22	4	33.87	1.50	31-Oct-22
ISFSI-4	Onsite	1	36.85	1.18	11-Jan-22	2	54.11	2.98	14-Apr-22	3	41.83	1.39	14-Jul-22	4	28.69	1.29	31-Oct-22
ISFSI-5	Onsite	1	162.56	3.85	11-Jan-22	2	321.16	10.66	14-Apr-22	3	218.12	7.71	14-Jul-22	4	66.21	2.86	31-Oct-22
ISFSI-6	Onsite	1	54.59	1.56	11-Jan-22	2	79.77	2.53	14-Apr-22	3	61.55	2.74	14-Jul-22	4	40.35	1.52	31-Oct-22
ISFSI-7	Onsite	1	184.22	5.26	11-Jan-22	2	283.14	8.55	14-Apr-22	3	186.80	5.06	14-Jul-22	4	86.70	3.14	31-Oct-22
ISFSI-8	Onsite	1	91.23	2.33	11-Jan-22	2	167.12	5.27	14-Apr-22	3	77.75	2.23	14-Jul-22	4	30.81	1.43	31-Oct-22

Appendix D

Environmental Program Exceptions

Environmental Program Exceptions

On occasions, samples cannot be collected. This can be due to a variety of events, such as equipment malfunction, loss of electrical power, severe weather, or vandalism. In 2022, missed samples were a result of missing field TLDs. The following sections list all missed samples, changes and corrective actions taken during 2022. These missed samples did not have a significant impact on the execution of the REMP.

Direct Radiation Monitoring

All TLDs are placed in the field in inconspicuous locations to minimize the loss of TLDs due to vandalism. During 2022, 212 offsite TLDs were placed in the field for the REMP program and all but one (1) TLD was collected and processed.

Atmospheric Monitoring

5/10/22 – API-5 – blown fuse in unit 6236. Replaced with unit 6979.

6/7/22 – API-4 – outlet was tripped and unit 7571 did not work after reset. Replaced with unit 6387.

7/19/22 – API-4 flow rate read 0.6 cfm. Adjusted to 1 cfm.

Terrestrial Monitoring - None

Milk Sampling

7/28/22 – One milk sample was not analyzed for Strontium-89 due to a logging issue at GEL. This analysis is not required by the ODCM but is being documented here since it is discussed in the body of the report.

Garden Sampling

January – May - Samples unobtainable due to seasonal unavailability

October – December - Samples unobtainable due to seasonal unavailability

Groundwater Sampling

The 2nd, 3rd, and 4th quarter samples were logged in at GEL under a different gamma spectroscopy analysis which included more isotopes than what is required. Of the

additional isotopes included in the analysis, only naturally occurring Bismuth 214, Lead 212 and Lead 214 were detected.

Aquatic Monitoring – None

Drinking Water Sampling

2/28/2022 – Drinking water samples were collected at (DW-1 and DW-2) and sent to the lab, but were incorrectly logged in and were not analyzed for Gross Beta. The lab has put into place project guidelines to ensure this does not happen in the future. Fermi has also instituted a GEL results review checklist to ensure when results are reviewed the requested analysis is completed at the requested MDC.

7/19/22 – Tygon tubing at DW-1 was disconnected. Took grab sample.

9/27/22 – DW-2 was collected and sent to the lab but was incorrectly logged in and was not analyzed for Gross Beta. The lab has put into place project guidelines to ensure this does not happen in the future. Fermi has also instituted a GEL results review checklist.

11/22/22 – DW-2 water shut off due to replacement of supply line. No grab sample.

11/29/22 – DW-2 pump OOS. Took grab sample.

12/06/22 – DW-2 pump OOS. Took grab sample.

12/13/22 – DW-2 pump OOS. Took grab sample. Allen Park control room notified, said pump replaced awaiting proper electrical.

12/20/22 – DW-2 pump OOS. Took grab sample.

12/27/22 – DW-2 pump OOS. Took grab sample.

Surface Water Sampling

1/11/2022 – SW-2 line frozen. Unable to thaw. Took grab sample.

1/18/2022 – SW-2 line frozen. Unable to thaw. Took grab sample.

1/25/2022 – SW-2 line frozen. Unable to thaw. Collection week - No grab sample needed.

2/1/2022 – SW-2 line frozen. Unable to thaw. Took grab sample

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Appendix D – Environmental Program Exceptions

2/8/2022 – SW-2 line frozen. Unable to thaw. Took grab sample

2/15/2022 – SW-2 line frozen. Unable to thaw. Took grab sample

11/22/2022 – SW-4 pump water shut off due to replacement of supply line. No sample.

11/29/2022 – SW-4 pump OOS. Took grab sample.

12/06/2022 – SW-4 pump OOS. Took grab sample.

12/13/2022 – SW-4 pump OOS. Took grab sample. Allen Park control room notified, said pump replaced awaiting proper electrical.

12/20/2022 – SW-4 pump OOS. Took grab sample.

12/27/2022 – SW-4 pump OOS. Took grab sample.

Sediment Sampling - None

Fish Sampling - None

Program Changes

CARD 21-25468 was initiated to identify a new control sample location for surface water ahead of DTE Energy Trenton Channel Power Plant's retirement. In October 2022 the control surface water sample location was changed from Trenton Channel's Intake Structure to the Great Lakes Water Authority (GLWA) at 14700 Moran Rd., Allen Park, MI (location SW-4). Trenton Channel permanently shut down in June of 2022 and as part of the decommissioning of the plant, the intake structure was sealed off from the Detroit River, so it could no longer serve as a valid control sample location. Table 10.0-1 in the ODCM is being revised to include GLWA as the new control surface water sample location under LCR 22-027-ODM.

Appendix E
Interlaboratory Comparison Data
GEL Laboratories'
Quality Assurance Programs
and the
Annual Quality Assurance Status Report
Environmental Dosimetry Company

Interlaboratory Comparison Program for 2022

In an interlaboratory comparison program, participant laboratories receive from a commerce source, environmental samples of known activity concentration for analysis. After the samples have been analyzed by the laboratory, the manufacturer of the sample reports the known activity concentration of the samples to the laboratory. The laboratory compares its results to the reported concentrations to determine any significant deviations, investigates such deviations if found, and initiates corrective action if necessary. Participation in this program provides assurance that the contract laboratory is capable of meeting accepted criteria for radioactivity analysis. The following is GEL Laboratories' participation in an interlaboratory comparison program and the Annual Quality Assurance Status Report for the Environmental Dosimetry Company.



2022 ANNUAL QUALITY ASSURANCE REPORT

FOR THE

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM (REMP)

2022 ANNUAL QUALITY ASSURANCE REPORT

FOR THE

RADIOLOGICAL ENVIRONMENTAL

MONITORING PROGRAM (REMP)


Approved By  March 17, 2023
Robert L. Pullano Date
Director, Quality Systems

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2022 ANNUAL QUALITY ASSURANCE REPORT FOR THE RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM (REMP)

1. Introduction

GEL Laboratories, LLC (GEL) is a privately owned environmental laboratory dedicated to providing personalized client services of the highest quality. GEL was established as an analytical testing laboratory in 1981. Now a full service lab, our analytical divisions use state of the art equipment and methods to provide a comprehensive array of organic, inorganic, and radiochemical analyses to meet the needs of our clients.

At GEL, quality is emphasized at every level of personnel throughout the company. Management's ongoing commitment to good professional practice and to the quality of our testing services to our customers is demonstrated by their dedication of personnel and resources to develop, implement, assess, and improve our technical and management operations.

The purpose of GEL's quality assurance program is to establish policies, procedures, and processes to meet or exceed the expectations of our clients. To achieve this, all personnel that support these services to our clients are introduced to the program and policies during their initial orientation, and annually thereafter during company-wide training sessions.

GEL's primary goals are to ensure that all measurement data generated are scientifically and legally defensible, of known and acceptable quality per the data quality objectives (DQOs), and thoroughly documented to provide sound support for environmental decisions. In addition, GEL continues to ensure compliance with all contractual requirements, environmental standards, and regulations established by local, state and federal authorities.

GEL administers the QA program in accordance with the Quality Assurance Plan, GL-QS-B-001. Our Quality Systems include all quality assurance (QA) policies and quality control (QC) procedures necessary to plan, implement, and assess the work we perform. GEL's QA Program establishes a quality management system (QMS) that governs all of the activities of our organization.

This report entails the quality assurance program for the proficiency testing and environmental monitoring aspects of GEL for 2022. GEL's QA Program is designed to monitor the quality of analytical processing associated with environmental, radiobioassay, effluent (10 CFR Part 50), and waste (10 CFR Part 61) sample analysis.

This report covers the category of Radiological Environmental Monitoring Program (REMP) and includes:

- Intra-laboratory QC results analyzed during 2022.
- Inter-laboratory QC results analyzed during 2022 where known values are available.

2. Quality Assurance Programs for Inter-laboratory, Intra-laboratory and Third Party Cross-Check

In addition to internal and client audits, our laboratory participates in annual performance evaluation studies conducted by independent providers. We routinely participate in the following types of performance audits:

- Proficiency testing and other inter-laboratory comparisons
- Performance requirements necessary to retain certifications
- Evaluation of recoveries of certified reference and in-house secondary reference materials using statistical process control data.
- Evaluation of relative percent difference between measurements through SPC data.

We also participate in a number of proficiency testing programs for federal and state agencies and as required by contracts. It is our policy that no proficiency evaluation samples be analyzed in any special manner. Our annual performance evaluation participation generally includes a combination of studies that support the following:

- US Environmental Protection Agency Discharge Monitoring Report, Quality Assurance Program (DMR-QA). Annual national program sponsored by EPA for laboratories engaged in the analysis of samples associated with the NPDES monitoring program. Participation is mandatory for all holders of NPDES permits. The permit holder must analyze for all of the parameters listed on the discharge permit. Parameters include general chemistry, metals, BOD/COD, oil and grease, ammonia, nitrates, etc.
- Department of Energy Mixed Analyte Performance Evaluation Program (MAPEP). A semiannual program developed by DOE in support of DOE contractors performing waste analyses. Participation is required for all laboratories that perform environmental analytical measurements in support of environmental management activities. This program includes radioactive isotopes in water, soil, vegetation and air filters.
- ERA's MRAD-Multimedia Radiochemistry Proficiency test program. This program is for labs seeking certification for radionuclides in wastewater and solid waste. The program is conducted in strict compliance with USEPA National Standards for Water Proficiency study.
- ERA's InterLaB RadCheM Proficiency Testing Program for radiological analyses. This program completes the process of replacing the USEPA EMSL-LV Nuclear Radiation Assessment Division program discontinued in 1998. Laboratories seeking certification for radionuclide analysis in drinking water also use the study. This program is conducted in strict compliance with the USEPA National Standards for Water Proficiency Testing Studies. This program encompasses Uranium by EPA method 200.8 (for drinking water certification in Utah/Primary NELAP), gamma emitters, Gross Alpha/Beta, Iodine-131, naturally occurring radioactive isotopes, Strontium-89/90, and Tritium.
- ERA's Water Pollution (WP) biannual program for waste methodologies includes parameters for both organic and inorganic analytes.
- ERA's Water Supply (WS) biannual program for drinking water methodologies includes parameters for organic and inorganic analytes.
- Environmental Cross-Check Program administered by Eckert & Ziegler Analytics, Inc. This program encompasses radionuclides in water, soil, milk, naturally occurring radioactive isotopes in soil and air filters.

GEL procures single-blind performance evaluation samples from Eckert & Ziegler Analytics to verify the analysis of sample matrices processed at GEL. Samples are received on a quarterly basis. GEL's Third-Party Cross-Check Program provides environmental matrices encountered in a typical nuclear utility REMP. The Third-Party Cross-Check Program is intended to meet or exceed the inter-laboratory comparison program requirements discussed in NRC Regulatory Guide 4.15. Once performance evaluation samples have been prepared in accordance with the instructions provided by

the PT provider, samples are managed and analyzed in the same manner as environmental samples from GEL's clients.

3. Quality Assurance Program for Internal and External Audits

During each annual reporting period, at least one internal assessment of each area of the laboratory is conducted in accordance with the pre-established schedule from Standard Operating Procedure for the Conduct of Quality Audits, GL-QS-E-001. The annual internal audit plan is reviewed for adequacy and includes the scheduled frequency and scope of quality control actions necessary to GEL's QA program. Internal audits are conducted at least annually in accordance with a schedule approved by the Quality Systems Director. Supplier audits are contingent upon the categorization of the supplies and may or may not be conducted prior to the use of a supplier or subcontractor. Type I suppliers and subcontractors, regardless of how they were initially qualified, are re-evaluated at least once every three years.

In addition, prospective customers audit GEL during pre-contract audits. GEL hosts several external audits each year for both our clients and other programs. These programs include environmental monitoring, waste characterization, and radiobioassay. The following list of programs may audit GEL at least annually or up to every three years depending on the program.

- TNI, The NELAC Institute, National Environmental Laboratory Accreditation Program
- DOECAP, U.S. Department of Energy Consolidated Audit Program
- DOELAP, U.S. Department of Energy Laboratory Accreditation Program
- DOE QSAS, U.S. Department of Energy, Quality Systems for Analytical Services
- ISO/IEC 17025:2017
- A2LA, American Association for Laboratory Accreditation
- DoD ELAP, US Department of Defense Environmental Accreditation Program
- NUPIC, Nuclear Procurement Issues Committee
- South Carolina Department of Health and Environmental Control (SC DHEC)

The annual radiochemistry laboratory internal audit (22-RAD-001) was conducted in August and September, 2022. There were no findings or observations and four recommendations for improvements from this assessment.

4. Performance Evaluation Acceptance Criteria for Environmental Sample Analysis

GEL utilized an acceptance protocol based upon two performance models. For those inter-laboratory programs that already have established performance criteria for bias (i.e., MAPEP, and ERA/ELAP), GEL will utilize the criteria for the specific program. For intra-laboratory or third party quality control programs that do not have a specific acceptance criteria (i.e. the Eckert-Ziegler Analytics Environmental Cross-check Program), results will be evaluated in accordance with GEL's internal acceptance criteria.

5. Performance Evaluation Samples

Performance Evaluation (PE) results and internal quality control sample results are evaluated in accordance with GEL acceptance criteria. The first criterion concerns bias, which is defined as the deviation of any one result from the known value. The second criterion concerns precision, which deals with the ability of the measurement to be replicated by comparison of an individual result with the mean of all results for a given sample set.

At GEL, we also evaluate our analytical performance on a regular basis through statistical process control (SPC) acceptance criteria. Where feasible, this criterion is applied to both measures of precision and accuracy and is specific to sample matrix. We establish environmental process control limits at least annually.

For Radiochemistry analysis, quality control evaluation is based on static limits rather than those that are statistically derived. Our current process control limits are maintained in GEL's AlphaLIMS. We also measure precision with matrix duplicates and/or matrix spike duplicates. The upper and lower control limits (UCL and LCL respectively) for precision are plus or minus three times the standard deviation from the mean of a series of relative percent differences. The static precision criteria for radiochemical analyses are 0 - 20%, for activity levels exceeding the contract required detection limit (CRDL).

6. Quality Control Program for Environmental Sample Analysis

GEL's internal QA Program is designed to include QC functions such as instrumentation calibration checks (to insure proper instrument response), blank samples, instrumentation backgrounds, duplicates, as well as overall staff qualification analyses and statistical process controls. Both quality control and qualification analyses samples are used to be as similar as the matrix type of those samples submitted for analysis by the various laboratory clients. These performance test samples (or performance evaluation samples) are either actual sample submitted in duplicate in order to evaluate the precision of laboratory measurements, or fortified blank samples, which have been given a known quantity of a radioisotope that is in the interest to GEL's clients.

Accuracy (or Bias) is measured through laboratory control samples and/or matrix spikes, as well as surrogates and internal standards. The UCLs and LCLs for accuracy are plus or minus three times the standard deviation from the mean of a series of recoveries. The static limit for most radiochemical analyses is 75 - 125%. Specific instructions for out-of-control situations are provided in the applicable analytical SOP.

GEL's Laboratory Control Standard (LCS) is an aliquot of reagent water or other blank matrix to which known quantities of the method analytes are added in the laboratory. The LCS is analyzed exactly like a sample, and its purpose is to determine whether the methodology is in control, and whether the laboratory is capable of making accurate and precise measurements. Some methods may refer to these samples as Laboratory Fortified Blanks (LFB). The requirement for recovery is between 75% and 125% for radiological analyses excluding drinking water matrix.

$$\text{Bias (\%)} = \frac{(\text{observed concentration})}{(\text{known concentration})} * 100 \%$$

Precision is a data quality indicator of the agreement between measurements of the same property, obtained under similar conditions, and how well they conform to themselves. Precision is usually expressed as standard deviation, variance or range in either absolute or relative (percentage) terms.

GEL's laboratory duplicate (DUP or LCSD) is an aliquot of a sample taken from the same container and processed in the same manner under identical laboratory conditions. The aliquot is analyzed independently from the parent sample and the results are compared to measure precision and accuracy.

If a sample duplicate is analyzed, it will be reported as Relative Percent Difference (RPD). The RPD must be 20 percent or less, if both samples are greater than 5 times the MDC. If both results are less than 5 times MDC, then the RPD must be equal to or less than 100%. If one result is above the MDC and the other is below the MDC, then the RPD can be calculated using the MDC for the result of the one below the MDC. The RPD must be 100% or less. In the situation where both results are above the MDC but one result is greater than 5 times the MDC and the other is less than 5 times the MDC, the RPD must be less than or equal to 20%. If both results are below MDC, then the limits on % RPD are not applicable.

$$\text{Difference (\%)} = \frac{(\text{high duplicate result} - \text{low duplicate result})}{(\text{average of results})} * 100 \%$$

7. Summary of Data Results

During 2022, forty-five (45) radioisotopes associated with seven (7) matrix types were analyzed under GEL's Performance Evaluation program in participation with ERA, MAPEP, and Eckert & Ziegler Analytics. Matrix types were representative of client analyses performed during 2022. Of the four hundred forty-one (441) total results, 98.4% (434 of 441) were found to be acceptable within the PT providers three sigma or other statistical criteria. The list below contains the type of matrix evaluated by GEL.

- Air Filter
- Cartridge
- Water
- Milk
- Soil
- Liquid
- Vegetation

Graphs are provided in Figures 1-9 of this report to allow for the evaluation of trends or biases. These graphs include radioisotopes Cobalt-60, Cesium-137, Tritium, Strontium-90, Gross Alpha, Gross Beta, Iodine-131, Americium-241, and Plutonium-238.

8. Summary of Participation in the Eckert & Ziegler Analytics Environmental Cross-Check Program

Eckert & Ziegler Analytics provided samples for eighty-nine (89) individual environmental analyses. The accuracy of each result reported to Eckert & Ziegler Analytics, Inc. is measured by the ratio of GEL's result to the known value. All results fell within GEL's acceptance criteria (100% within acceptance).

9. Summary of Participation in the MAPEP Monitoring Program

MAPEP Series 46 and 47 were analyzed by the laboratory. Of the one hundred thirty-seven (137) analyses reported, 96.4% (132 out of 137) fell within the PT provider's acceptance criteria.

10. Summary of Participation in the ERA MRaD PT Program

The ERA MRaD program provided samples (MRAD-36 and MRAD-37) for one hundred sixty-three (163) individual environmental analyses reported. Of the 171 analyses reported, 98.8% (161 of the 163) fell within the PT provider's acceptance criteria.

11. Summary of Participation in the ERA PT Program

The ERA program provided samples (RAD-129 and RAD-130) for twenty-five (25) individual environmental analyses. Of the 25 analyses, 100% fell within the PT provider's acceptance criteria.

All corrective actions for unacceptable PTs are summarized in Table 8.

12. Corrective Action Request and Report (CARR)

There are two categories of corrective action at GEL. One is corrective action implemented at the analytical and data review level in accordance with the analytical SOP. The other is formal corrective action documented by the Quality Systems Team in accordance with GL-QS-E-002. A formal corrective action is initiated when a nonconformance reoccurs or is so significant that permanent elimination or prevention of

the problem is required. Formal corrective action investigations include root cause analysis.

GEL includes quality requirements in most analytical standard operating procedures to ensure that data are reported only if the quality control criteria are met or the quality control measures that did not meet the acceptance criteria are documented. A formal corrective action is implemented according to GL-QS-E-002 for Conducting Corrective/Preventive Action and Identifying Opportunities for Improvement. Recording and documentation is performed following guidelines stated in GL-QS-E-012 for Client NCR Database Operation.

Any employee at GEL can identify and report a nonconformance and request that corrective action be taken. Any GEL employee can participate on a corrective action team as requested by the QS team or Group Leaders. The steps for conducting corrective action are detailed in GL-QS-E-002. In the event that correctness or validity of the laboratory's test results in doubt, the laboratory will take corrective action. If investigations show that the results have been impacted, affected clients will be informed of the issue in writing within five (5) calendar days of the discovery.

Table 8 provides the status of CARRs for radiological performance testing during 2022. **It has been determined that causes of the unacceptable results did not impact any data reported to our clients.**

13. References

1. GEL Quality Assurance Plan, GL-QS-B-001
2. GEL Standard Operating Procedure for the Conduct of Quality Audits, GL-QS-E-001
3. GEL Standard Operating Procedure for Conducting Corrective/Preventive Action and Identifying Opportunities for Improvement, GL-QS-E-002
4. GEL Standard Operating Procedure for AlphaLIMS Documentation of Nonconformance Reporting and Dispositioning and Control of Nonconforming Items, GL-QS-E-004
5. GEL Standard Operating Procedure for Handling Proficiency Evaluation Samples, GL-QS-E-013
6. GEL Standard Operating Procedure for Quality Assurance Measurement Calculations and Processes, GL-QS-E-014
7. 40 CFR Part 136 Guidelines Establishing Test Procedures for the Analysis of Pollutants
8. ISO/IEC 17025-2017, General Requirements for the Competence of Testing and Calibration Laboratories
9. ANSI/ASQC E4-1994, Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology Programs, American National Standard
10. 2016 TNI Standard, The NELAC Institute, National Environmental Accreditation Program
11. MARLAP, Multi-Agency Radiological Laboratory Analytical Protocols
12. 10 CFR Part 21, Reporting of Defects and Noncompliance
13. 10 CFR Part 50 Appendix B, Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants
14. 10 CFR Part 61, Licensing Requirements for Land Disposal and Radioactive Waste
15. NRC REG Guide 4.15 and NRC REG Guide 4.8

TABLE 1
2022 RADIOLOGICAL PROFICIENCY TESTING RESULTS AND ACCEPTANCE CRITERIA

PT Provider	Quarter / Year	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
EZA	1st/2022	05/20/22	E13655	Cartridge	pCi	Iodine-131	8.98E+01	8.72E+01	1.03	Acceptable
EZA	1st/2022	05/20/22	E13656	Milk	pCi/L	Strontium-89	9.30E+01	9.68E+01	0.96	Acceptable
EZA	1st/2022	05/20/22	E13656	Milk	pCi/L	Strontium-90	8.41E+00	1.26E+01	0.67	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cerium-141	8.31E+01	6.46E+01	1.29	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cobalt-58	1.66E+02	1.64E+02	1.04	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cobalt-60	2.96E+02	3.02E+02	0.98	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Chromium-51	3.92E+02	3.39E+02	1.16	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cesium-134	1.68E+02	1.82E+02	0.92	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cesium-137	2.41E+02	2.23E+02	1.08	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Manganese-54	1.76E+02	1.64E+02	1.07	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Iron-59	1.91E+02	1.85E+02	1.03	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Iodine-131	1.19E+02	9.67E+01	1.23	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Zinc-65	2.62E+02	2.46E+02	1.06	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cerium-141	7.12E+01	7.61E+01	0.94	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cobalt-58	2.05E+02	1.93E+02	1.06	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cobalt-60	3.79E+02	3.55E+02	1.07	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cesium-134	2.00E+02	2.14E+02	0.93	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cesium-137	2.65E+02	2.63E+02	1.01	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Iodine-131	9.35E+01	8.76E+01	1.07	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Iron-59	2.39E+02	2.18E+02	1.10	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Manganese-54	2.07E+02	1.93E+02	1.07	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Zinc-65	3.25E+02	2.90E+02	1.12	Acceptable
ERA	2nd/2021	5/25/2021	RAD 125	Water	pCi/L	Radium-226	14.2	19.3	14.3 - 22.0	Acceptable
ERA	2nd/2021	5/25/2021	RAD 125	Water	pCi/L	Radium-228	9.98	10.3	6.71 - 12.8	Acceptable
ERA	2nd/2021	5/25/2021	RAD 125	Water	pCi/L	Strontium-89	59.3	63.5	51.4 - 71.5	Acceptable
EZA	2nd/2022	08/24/22	E13659	Cartridge	pCi	Iodine-131	8.77E+01	8.53E+01	1.03	Acceptable
EZA	2nd/2022	08/24/22	E13660	Milk	pCi/L	Strontium-89	6.76E+01	8.72E+01	0.78	Acceptable
EZA	2nd/2022	08/24/22	E13660	Milk	pCi/L	Strontium-90	1.07E+01	1.45E+01	0.74	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cerium-141	1.68E+02	1.71E+02	0.98	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cobalt-58	1.51E+02	1.59E+02	0.95	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cobalt-60	3.04E+02	2.99E+02	1.02	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Chromium-51	4.53E+02	4.25E+02	1.07	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cesium-134	1.92E+02	2.12E+02	0.91	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cesium-137	2.51E+02	2.52E+02	1.00	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Iron-59	2.29E+02	1.94E+02	1.18	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Iodine-131	8.45E+01	9.05E+01	0.93	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Manganese-54	2.95E+02	2.83E+02	1.04	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Zinc-65	3.90E+02	3.66E+02	1.07	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cerium-141	1.54E+02	1.39E+02	1.11	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cobalt-58	1.38E+02	1.28E+02	1.07	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cobalt-60	2.58E+02	2.42E+02	1.07	Acceptable

EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Chromium-51	3.66E+02	3.44E+02	1.06	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cesium-134	1.68E+02	1.72E+02	0.98	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cesium-137	2.12E+02	2.04E+02	1.04	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Iron-59	1.71E+02	1.57E+02	1.09	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Iodine-131	8.47E+01	9.12E+01	0.93	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Manganese-54	2.57E+02	2.29E+02	1.12	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Zinc-65	3.09E+02	2.96E+02	1.04	Acceptable
EZA	2nd/2022	06/16/22	E13659	Cartridge	pCi	Iodine-131	8.77E+01	8.53E+01	103	Acceptable
EZA	2nd/2022	06/16/22	E13660	Milk	pCi/L	Strontium-89	6.76E+01	8.72E+01	0.78	Acceptable
EZA	2nd/2022	06/16/22	E13660	Milk	pCi/L	Strontium-90	1.07E+01	1.45E+01	0.74	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cerium-141	1.68E+02	1.71E+02	0.98	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cobalt-58	1.51E+02	1.59E+02	0.95	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cobalt-60	3.04E+02	2.99E+02	1.02	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Chromium-51	4.53E+02	4.25E+02	1.07	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cesium-134	1.92E+02	2.12E+02	0.91	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cesium-137	2.51E+02	2.52E+02	1.00	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Manganese-54	2.95E+02	2.83E+02	1.02	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Iron-59	2.29E+02	1.94E+02	1.18	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Iodine-131	8.45E+01	9.05E+01	0.93	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Zinc-65	3.90E+02	3.66E+02	1.07	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cerium-141	1.54E+02	1.39E+02	1.11	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cobalt-58	1.38E+02	1.28E+02	1.07	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cobalt-60	2.58E+02	2.42E+02	1.07	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cesium-134	1.68E+02	1.72E+02	0.98	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cesium-137	2.12E+02	2.04E+02	1.04	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Iodine-131	8.47E+01	9.12E+01	0.93	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Iron-59	1.71E+02	1.57E+02	1.09	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Manganese-54	2.57E+02	2.29E+02	1.12	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Zinc-65	3.09E+02	2.96E+02	1.04	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-GrF46	Filter	Bq/smpl	Gross Alpha	0.864	1.77	0.53-3.01	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-GrF46	Filter	Bq/smpl	Gross Beta	0.639	0.649	0.325-0.974	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-GrW46	Water	Bq/L	Gross Alpha	0.782	0.87	0.26-1.48	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-GrW46	Water	Bq/L	Gross Beta	2.40	2.50	1.25-3.75	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Americium-241	56.2	72	50.4-93.6	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Cesium-134	741	890	623-1157	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Cesium-137	369	365	256-475	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Cobalt-57	1450	1400	980-1820	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Cobalt-60	411	443	310-576	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Iron-55	725	1100	770-1430	Not Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Manganese-54	1140	1140	798-1482	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	766	780	546-1014	482-896	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-	Soil	Bq/Kg	Plutonium-238	54.2	56	39.2-72.8	Acceptable

	2		MaS46							
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Plutonium-239/240	41.1	41	28.7-53.3	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Potassium-40	598	596	417-775	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Strontium-90	560	677	474-880	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Technetium-99	506	778	545-1011	Not Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Thorium 228	45.8	43	30-56	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Thorium 230	49	38	27-49	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Thorium 232	39.5	42	29-55	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	U-234/233	46	44	30.8-57.2	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Uranium-238	126	123	86-160	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Zinc-65	-0.659		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Americium-241	0.271	0.335	0.249-0.462	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Cesium-134	-0.0355		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Cesium-137	7.9	7.64	5.35-9.93	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Cobalt-57	37	36	25.2-46.8	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Cobalt-60	9.64	9.3	6.5-12.1	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Hydrogen-3	303	300	210-390	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Iron-55	27.1	26.9	18.8-35.0	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Manganese-54	19.8	18.9	13.2-24.6	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Nickel-63	31.7	34	23.8-44.2	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Plutonium-238	0.992	1.07	0.75-1.39	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Plutonium-239/240	1.07	1.19	0.83-1.55	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Potassium-40	-875		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Radium-226	0.871	0.8	0.6-1.0	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Strontium-90	14.9	12.9	5.5-10.3	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Technetium-99	7.89	7.9	5.5-10.3	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Uranium-234/233	1.52	1.5	1.1-2.0	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Uranium-238	1.55	1.54	1.08-2.00	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Zinc-65	29.3	26.2	18.3-34.1	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	ug/smpl	Uranium-235	0.0407	0.041	0.029-0.053	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	ug/smpl	Uranium-238	5.8	5.35	3.75-6.96	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	ug/smpl	Uranium-Total	5.84	5.4	3.8-7.0	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Americium-241	0.0392	0.0439	0.307-0.0571	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Cesium-134	0.936	0.93	0.65-1.21	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Cesium-137	0.759	0.726	0.0508-0.944	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Cobalt-57	0		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Cobalt-60	0.831	0.72	0.50-0.84	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Manganese-54	0.00527		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Plutonium-238	0.0212	0.0221	0.0155-0.0287	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Plutonium-239/240	0.0142	0.0141	0.0099-0.0183	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Strontium-90	0.5	0.54	0.38-0.70	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Uranium-234/233	0.063	0.06	0.045-0.083	Acceptable

MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdF46	Filter	Bq/smpl	Uranium-238	0.0685	0.067	0.047-0.087	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdF46	Filter	Bq/smpl	Zinc-65	0.0755		False pos. test	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Americium-241	0.0892	0.101	0.071-0.131	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Cesium-134	7.04	7.61	5.33-9.89	Not Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Cesium-137	1.57	1.52	1.06-1.98	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Cobalt-57	5.06	5.09	3.56-6.62	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Cobalt-60	-0.077		2.09-3.89	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Manganese-54	2.7	2.59	1.81-3.37	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Plutonium-238	0.267	0.27	0.019-0.035	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Plutonium- 239/240	0.625	0.0594	0.0416- 0.0772	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Strontium-90	1.12	0.789	0.552-1.026	Not Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Uranium- 234/233	0.0763	0.071	0.050-0.092	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Uranium-238	0.0746	0.074	0.052-0.096	Acceptable
MAPEP	2nd/202 2	06/15/22	MAPEP-22- RdV46	veg	Bq/smpl	Zinc-65	1.53	1.47	1.03-1.91	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Actinium-228	1710	1670	1100 - 2100	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Bismuth-212	2130	1840	527 - 2740	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Bismuth-214	888	790	379 - 1180	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Cesium-134	6470	6620	4530 - 7910	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Cesium-134	6470	6620	4530 - 7910	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Cesium-137	7680	6760	5110 - 8550	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Cobalt-60	3110	2820	2220 - 3480	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Lead-212	1880	1630	1140 - 2060	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Lead-214	1090	838	352 - 1320	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Manganese-54	<24.3	<555	<555	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Plutonium-238	260	289	144 - 439	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Plutonium-239	1290	1180	643 - 1700	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Potassium-40	40500	37900	26100 - 45300	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Strontium-90	7090	6720	2090 - 10500	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Thorium-234	4900	3390	1280 - 5810	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Uranium-234	3830	3410	1600 - 4470	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Uranium-234	4120	3410	1600 - 4470	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Uranium-234	3830	3410	1600 - 4470	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Uranium-238	4080	3390	1860 - 4550	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Uranium-238	4060	3390	1860 - 4550	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Uranium-Total	8170	6960	3860 - 9000	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Uranium-Total	8366	6960	3860 - 9000	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Uranium-Total	8170	6960	3860 - 9000	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	µg/kg	Uranium (mass)	12300	10100	4560 - 13600	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Zinc-65	6450	5070	4050 - 6920	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Americium-241	1670	1850	1140 - 2610	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Soil	pCi/kg	Cesium-134	1900	2450	1630 - 3260	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Cesium-137	1330	1460	1120 - 1970	Acceptable

	2	2								
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Cesium-137	1330	1460	1120 - 1970	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Cobalt-60	822	902	708 - 1180	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Curium-244	1270	1530	863 - 1900	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Manganese-54	<25.2	<207	<207	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Plutonium-238	3470	3640	2520 - 4690	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Plutonium-239	3400	3540	2450 - 4480	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Potassium-40	32400	33300	25000 - 42200	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Strontium-90	5170	4340	2450 - 5660	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Uranium-234	3750	3980	2800 - 5080	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Uranium-238	3850	3940	2780 - 4930	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Uranium-Total	7800	8110	5180 - 10900	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	µg/kg	Uranium (mass)	11500	11800	9060 - 14600	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	veg	pCi/kg	Zinc-65	564	545	407 - 808	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Americium-241	22.6	21	15.0 - 28.0	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Cesium-134	497	549	356 - 673	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Cesium-137	1320	1320	1080 - 1730	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Cobalt-60	905	885	752 - 1120	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Iron-55	110	127	46.4 - 203	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Manganese-54	<4.39	<35.0	<35.0	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Plutonium-238	27.1	29.6	22.3 - 36.4	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Plutonium-239	44.5	49.7	37.2 - 60.0	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Strontium-90	38	31.1	19.7 - 42.3	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Uranium-234	59.1	67.3	49.9 - 78.9	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Uranium-234	62.3	67.3	49.9 - 78.9	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Uranium-238	61.5	66.7	50.4 - 79.6	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Uranium-238	63.6	66.7	50.4 - 79.6	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Uranium-Total	124	137	100 - 162	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Uranium-Total	128.9	137	100 - 162	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	µg/Filter	Uranium (mass)	184	200	160 - 234	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	µg/Filter	Uranium (mass)	190	200	160 - 234	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Zinc-65	730	671	550 - 1030	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Zinc-65	730	671	550 - 1030	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Gross Alpha	98.4	94.2	49.2 - 155	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Filter	pCi/Filter	Gross Beta	71.5	66.8	40.5 - 101	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Water	pCi/L	Americium-241	65	74.6	51.2 - 95.4	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Water	pCi/L	Cesium-134	1620	1720	1300 - 1890	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Water	pCi/L	Cesium-134	1620	1720	1300 - 1890	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Water	pCi/L	Cesium-134	1620	1720	1300 - 1890	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Water	pCi/L	Cesium-137	1130	1120	959 - 1270	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Water	pCi/L	Cesium-137	1130	1120	959 - 1270	Acceptable
ERA	2nd/202 2	5/27/202 2	MRAD-36	Water	pCi/L	Cesium-137	1130	1120	959 - 1270	Acceptable

ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Cobalt-60	2880	2710	2340 - 3110	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Iron-55	1270	1140	670 - 1660	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Manganese-54	<8.37	<71.0	<71.0	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Plutonium-238	116	147	88.4 - 190	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Plutonium-239	56	71.9	44.5 - 88.6	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Strontium-90	639	628	452 - 776	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-234	41.2	44.1	33.6 - 50.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-234	44	44.1	33.6 - 50.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-238	44.7	43.7	33.9 - 51.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-238	43.5	43.7	33.9 - 51.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-Total	88.9	89.8	70.0 - 102	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-Total	89.5	89.8	70.0 - 102	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	µg/L	Uranium (mass)	134	131	106 - 149	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	µg/L	Uranium (mass)	130	131	106 - 149	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Zinc-65	1320	1220	1090 - 1540	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Gross Alpha	74.5	79.4	29.0 - 109	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Tritium	28000	28200	21300 - 34300	Acceptable
ERA	2nd/2022	5/23/2022	RAD -129	Water	pCi/L	Radium-226	8.15	9.46	7.09 - 11.1	Acceptable
ERA	2nd/2022	5/23/2022	RAD -129	Water	pCi/L	Radium-228	3.06	3.18	1.71 - 4.63	Acceptable
ERA	2nd/2022	5/23/2022	RAD -129	Water	pCi/L	Strontium-89	67.6	67.9	55.3 - 76.1	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Barium-133	40.1	38.2	30.9 - 42.8	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Cesium-134	84.7	88.6	72.7 - 97.5	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Cesium-137	177	170	153 - 189	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Cesium-137	177	170	153 - 189	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Cobalt-60	79	72.4	65.2 - 82.1	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Zinc-65	363	326	293 - 380	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Gross Alpha	54.3	60.2	31.5 - 74.8	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Gross Alpha	58.8	60.2	31.5 - 74.8	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Gross Alpha	58.8	60.2	31.5 - 74.8	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Gross Beta	22.5	17.7	10.1 - 25.9	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Gross Beta	22.5	17.7	10.1 - 25.9	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Radium-226	12.1	13.1	9.77 - 15.1	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Radium-228	8.05	8.4	5.38 - 10.6	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Radium-228	7.91	8.4	5.38 - 10.6	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Uranium (Nat)	53.6	54	44.0 - 59.5	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	µg/L	Uranium (mass)	74.525	78.8	64.2 - 86.8	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Tritium	20200	22100	19400 - 24300	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Strontium-89	48.4	49.6	39.0 - 57.0	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Strontium-89	47.4	49.6	39.0 - 57.0	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Strontium-90	12.8	11.2	7.62 - 13.8	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Strontium-90	11.9	11.2	7.62 - 13.8	Acceptable
ERA	3rd/2022	08/29/22	RAD-130	Water	pCi/L	Iodine-131	28.9	27.7	23.0 - 32.5	Acceptable

	/2022									
EZA	3rd/2022	11/22/22	E13663	Cartridge	pCi	Iodine-131	7.97E+01	8.35E+01	0.95	Acceptable
EZA	3rd/2022	11/22/22	E13664	Milk	pCi/L	Strontium-89	9.54E+01	8.91E+01	1.07	Acceptable
EZA	3rd/2022	11/22/22	E13664	Milk	pCi/L	Strontium-90	8.87E+00	1.36E+01	0.65	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cerium-141	1.52E+02	1.61E+02	0.94	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cobalt-58	1.87E+02	1.89E+02	0.99	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cobalt-60	2.65E+02	2.60E+02	1.02	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Chromium-51	4.63E+02	4.56E+02	1.02	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cesium-134	2.31E+02	2.52E+02	0.92	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cesium-137	2.24E+02	2.22E+02	1.01	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Iron-59	1.91E+02	1.73E+02	1.10	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Iodine-131	9.28E+01	9.42E+01	0.99	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Manganese-54	2.97E+02	2.82E+02	1.05	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Zinc-65	3.98E+02	3.73E+02	1.07	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cerium-141	1.29E+02	1.26E+02	1.02	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cobalt-58	1.49E+02	1.48E+02	1.01	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cobalt-60	2.17E+02	2.04E+02	1.07	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Chromium-51	3.84E+02	3.57E+02	1.07	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cesium-134	1.84E+02	1.98E+02	0.93	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cesium-137	1.79E+02	1.74E+02	1.03	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Iron-59	1.57E+02	1.36E+02	1.16	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Iodine-131	8.96E+01	8.80E+01	1.02	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Manganese-54	2.30E+02	2.21E+02	1.04	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Zinc-65	3.42E+05	2.93E+02	1.17	Acceptable
EZA	4th/2022	2/15/23	E13667	Cartridge	pCi	Iodine-131	8.96E+01	9.18E+01	0.98	Acceptable
EZA	4th/2022	2/15/23	E13668	Milk	pCi/L	Strontium-89	9.93E+01	9.04E+01	1.10	Acceptable
EZA	4th/2022	2/15/23	E13668	Milk	pCi/L	Strontium-90	1.28E+01	1.50E+01	0.86	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cerium-141	2.32E+02	2.25E+02	1.03	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cobalt-58	2.35E+02	2.30E+02	1.02	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cobalt-60	2.85E+02	2.90E+02	0.98	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Chromium-51	4.62E+02	4.64E+02	0.99	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cesium-134	1.76E+02	1.91E+02	0.92	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cesium-137	2.16E+02	2.19E+02	0.99	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Iron-59	2.31E+02	1.98E+02	1.17	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Iodine-131	1.02E+02	9.51E+01	1.07	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Manganese-54	2.64E+02	2.52E+02	1.05	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Zinc-65	3.50E+02	3.05E+02	1.15	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cerium-141	2.33E+02	2.24E+02	1.04	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cobalt-58	2.54E+02	2.29E+02	1.07	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cobalt-60	2.97E+02	2.89E+02	1.03	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Chromium-51	5.24E+02	4.62E+02	1.13	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cesium-134	1.71E+02	1.91E+02	0.90	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cesium-137	2.17E+02	2.18E+02	1.00	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Iron-59	2.32E+02	1.97E+02	1.18	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Iodine-131	9.96E+01	9.63E+01	1.03	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Manganese-54	2.72E+02	2.51E+02	1.08	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Zinc-65	3.36E+02	3.04E+02	1.11	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-GrF47	Filter	Bq/samp le	Gross Alpha	0.378	0.90	0.27-1.53	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-GrF47	Filter	Bq/samp le	Gross Beta	1.25	1.31	0.66-1.97	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-GrW47	Water	Bq/L	Gross Alpha	0.978	0.871	0.261-1.481	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-GrW47	Water	Bq/L	Gross Beta	4.57	5.20	2.60-7.80	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Americium-241	96.8	99.2	69.4-129.0	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Cesium-134	564	627	439-815	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Cesium-137	0.284		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Cobalt-57	856	786	550-1022	Acceptable

MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Cobalt-60	0.429		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Iron-55	628	740	518-962	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Manganese-54	888	841	589-1093	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Nickel-63	20.0		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Plutonium-238	0.285	0.56	Sens. Evaluation	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Plutonium-239/240	110	113	79-147	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Plutonium-241	22.7	26.8	Sens. Evaluation	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Potassium-40	561	537	376-698	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Strontium-90	842	852	596-1108	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Thorium-228	55	49	34-64	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Thorium-230	49.6	43	30-56	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Thorium-232	51	47	33-61	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Technetium-99	979	1000	700-1300	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	U-234/233	88.9	50.8	35.6-66.0	Not Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Uranium-238	196	157	110-204	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Zinc-65	1240	1140	798-1482	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Americium-241	0.414	0.327	0.229-0.425	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Cesium-134	15.9	17.1	12.0-22.2	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Cesium-137	17.80	16.8	11.8-21.8	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Cobalt-57	30.4	30.0	21.0-39.0	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Cobalt-60	17.8	17.0	11.9-22.1	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Hydrogen-3	350	395	277-514	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Iron-55	22.9	27.8	19.5-36.1	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Manganese-54	-0.0317		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Nickel-63	35.7	32.9	23.0-42.8	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Plutonium-238	0.881	0.985	0.690-1.281	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Plutonium-239/240	0.943	1.070	0.749-1.391	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Potassium-40	-0.850		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Radium-226	0.471	0.511	0.358-0.664	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Strontium-90	7.49	7.73	5.41-10.05	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Technetium-99	-0.206		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Uranium-234/233	1.3100	1.3400	0.96-1.78	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Uranium-238	0.851	0.84	0.59-1.09	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Zinc-65	12.6	11.3	7.9-14.7	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	ug/sample	Uranium-235	0.0803	0.0743	0.0550-0.0966	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	ug/sample	Uranium-238	11.6	10.4	7.3-13.5	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	ug/sample	Uranium-Total	11.680	10.5	7.4-13.7	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Americium-241	0.0953	0.0899	0.0629-0.1169	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Cesium-134	0.0435		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Cesium-137	1.66	1.530	1.07-1.99	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Cobalt-57	3.32	3.32	2.32-4.32	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-	Filter	Bq/sample	Cobalt-60	2.00	1.99	1.39-2.59	Acceptable

			RdF47		e						
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Manganese-54	1.97	1.88	1.32-2.44	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Plutonium-238	0.1110	0.1160	0.081-0.151	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Plutonium-239/240	0.0854	0.0936	0.0655-0.1217	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Strontium-90	1.580	1.620	1.13-2.11	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Uranium-234/233	0.132	0.125	0.088-0.163	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Uranium-238	0.14	0.130	0.091-0.169	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Zinc-65	1.77	1.58	1.11-2.05	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Americium-241	0.1890	0.1890	0.132-0.246	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Cesium-134	-0.002		False Pos Test	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Cesium-137	1.18	1.083	0.758-1.408	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Cobalt-57	0.0163		False Pos Test	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Cobalt-60	4.84	4.62	3.23-6.01	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Manganese-54	2.42	2.43	1.70-3.16	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Plutonium-238	0.1490	0.156	0.109-0.203	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Plutonium-239/240	0.14900	1.162	0.113-0.211	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Strontium-90	1.78	1.60	1.12-208	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Uranium-234/233	0.1330	0.1260	0.088-0.164	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Uranium-238	0.135	0.130	0.091-0.169	Acceptable	
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Zinc-65	8.21	7.49	5.24-9.74	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Actinium-228	1550	1670	1100 - 2100	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Americium-241	187	147	79.4 - 208	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Bismuth-212	1460	1670	478 - 2490	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Bismuth-214	592	790	379 - 1180	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Bismuth-214	592	790	379 - 1180	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Cesium-134	8710	9600	6560 - 11500	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Cesium-137	8080	7890	5970 - 9980	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Cobalt-60	1490	1500	1180 - 1850	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Lead-212	1820	1630	1140 - 2060	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Lead-214	735	838	352 - 1320	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Manganese-54	<32.1	<555	<555	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Plutonium-238	1100	1100	549 - 1670	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Plutonium-239	948	967	527 - 1390	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Potassium-40	41300	43100	29700 - 51500	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Strontium-90	5310	6270	1950 - 9770	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Thorium-234	3920	3320	1250 - 5690	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Uranium-234	3410	3350	1570 - 4390	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Uranium-234	3640	3350	1570 - 4390	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Uranium-238	3880	3320	1820 - 4460	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Uranium-Total	7520	6830	3790 - 8830	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	µg/kg	Uranium (mass)	11600	9960	4490 - 13400	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Zinc-65	4300	3990	3190 - 5440	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Americium-241	3650	3560	2200 - 5030	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Cesium-134	1820	1860	1230 - 2480	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Cesium-137	2560	2300	1770 - 3100	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Cobalt-60	528	496	389 - 648	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Curium-244	957	1100	620 - 1370	Acceptable	
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Manganese-54	<27.4	<207	<207	Acceptable	

ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Plutonium-238	1320	1300	900 - 1680	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Plutonium-239	1190	1170	809 - 1480	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Strontium-90	4560	2960	1670 - 3860	Not Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Uranium-234	1090	1090	766 - 1390	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Uranium-238	1100	1080	763 - 1350	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Uranium-Total	2230	2220	1420 - 2990	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	µg/kg	Uranium (mass)	3300	3240	2490 - 4010	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Zinc-65	665	512	382 - 759	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Americium-241	41.2	38.8	27.7 - 51.7	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Cesium-134	286	325	211 - 399	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Cesium-137	739	795	653 - 1040	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Cobalt-60	203	191	162 - 243	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Iron-55	107	122	44.5 - 195	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Manganese-54	<2.38	<35.0	<35.0	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Plutonium-238	29.9	29.9	22.6 - 36.7	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Plutonium-239	12.1	13	9.73 - 15.7	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Strontium-90	130	133	84.1 - 181	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-234	68.1	71.5	53.0 - 83.8	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-234	69.9	71.5	53.0 - 83.8	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-238	70.1	70.9	53.5 - 84.6	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-238	72.3	70.9	53.5 - 84.6	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-Total	141	146	107 - 173	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-Total	142.2	146	107 - 173	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	µg/Filter	Uranium (mass)	210	212	170 - 248	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	µg/Filter	Uranium (mass)	216	212	170 - 248	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Zinc-65	133	120	98.4 - 183	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Gross Alpha	57.8	55.5	29.0 - 91.4	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Gross Beta	68.2	64.8	39.3 - 97.9	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Americium-241	100	96.2	66.0 - 123	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Cesium-134	452	483	365 - 531	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Cesium-137	1220	1250	1070 - 1420	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Cobalt-60	1500	1420	1220 - 1630	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Iron-55	867	926	544 - 1350	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Manganese-54	<5.46	<71.0	<71.0	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Plutonium-238	44.5	52.6	31.6 - 68.2	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Plutonium-239	94.4	117	72.5 - 144	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Strontium-90	283	224	161 - 277	Not Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-234	140	153	116 - 175	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-234	145	153	116 - 175	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-238	147	152	118 - 179	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-238	156	152	118 - 179	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-Total	296	312	243 - 356	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-Total	301	312	243 - 356	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	µg/L	Uranium (mass)	442	455	369 - 516	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	µg/L	Uranium (mass)	468	455	369 - 516	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Zinc-65	145	122	109 - 154	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Gross Alpha	46.6	42.7	15.6 - 58.9	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Gross Beta	93.6	111	55.5 - 153	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Tritium	16900	18800	14200 - 22900	Acceptable

**TABLE 2
2022 ECKERT & ZIEGLER ANALYTICS PERFORMANCE EVALUATION RESULTS**

PT Provider	Quarter / Year	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
EZA	1st/2022	05/20/22	E13655	Cartridge	pCi	Iodine-131	8.98E+01	8.72E+01	1.03	Acceptable
EZA	1st/2022	05/20/22	E13656	Milk	pCi/L	Strontium-89	9.30E+01	9.68E+01	0.96	Acceptable
EZA	1st/2022	05/20/22	E13656	Milk	pCi/L	Strontium-90	8.41E+00	1.26E+01	0.67	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cerium-141	8.31E+01	6.46E+01	1.29	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cobalt-58	1.66E+02	1.64E+02	1.04	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cobalt-60	2.96E+02	3.02E+02	0.98	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Chromium-51	3.92E+02	3.39E+02	1.16	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cesium-134	1.68E+02	1.82E+02	0.92	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Cesium-137	2.41E+02	2.23E+02	1.08	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Manganese-54	1.76E+02	1.64E+02	1.07	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Iron-59	1.91E+02	1.85E+02	1.03	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Iodine-131	1.19E+02	9.67E+01	1.23	Acceptable
EZA	1st/2022	05/20/22	E13657	Milk	pCi/L	Zinc-65	2.62E+02	2.46E+02	1.06	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cerium-141	7.12E+01	7.61E+01	0.94	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cobalt-58	2.05E+02	1.93E+02	1.06	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cobalt-60	3.79E+02	3.55E+02	1.07	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cesium-134	2.00E+02	2.14E+02	0.93	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Cesium-137	2.65E+02	2.63E+02	1.01	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Iodine-131	9.35E+01	8.76E+01	1.07	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Iron-59	2.39E+02	2.18E+02	1.10	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Manganese-54	2.07E+02	1.93E+02	1.07	Acceptable
EZA	1st/2022	05/20/22	E13658	Water	pCi/L	Zinc-65	3.25E+02	2.90E+02	1.12	Acceptable
EZA	2nd/2022	06/16/22	E13659	Cartridge	pCi	Iodine-131	8.77E+01	8.53E+01	103	Acceptable
EZA	2nd/2022	06/16/22	E13660	Milk	pCi/L	Strontium-89	6.76E+01	8.72E+01	0.78	Acceptable
EZA	2nd/2022	06/16/22	E13660	Milk	pCi/L	Strontium-90	1.07E+01	1.45E+01	0.74	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cerium-141	1.68E+02	1.71E+02	0.98	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cobalt-58	1.51E+02	1.59E+02	0.95	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cobalt-60	3.04E+02	2.99E+02	1.02	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Chromium-51	4.53E+02	4.25E+02	1.07	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cesium-134	1.92E+02	2.12E+02	0.91	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Cesium-137	2.51E+02	2.52E+02	1.00	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Manganese-54	2.95E+02	2.83E+02	1.02	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Iron-59	2.29E+02	1.94E+02	1.18	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Iodine-131	8.45E+01	9.05E+01	0.93	Acceptable
EZA	2nd/2022	06/16/22	E13661	Milk	pCi/L	Zinc-65	3.90E+02	3.66E+02	1.07	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cerium-141	1.54E+02	1.39E+02	1.11	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cobalt-58	1.38E+02	1.28E+02	1.07	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cobalt-60	2.58E+02	2.42E+02	1.07	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cesium-134	1.68E+02	1.72E+02	0.98	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Cesium-137	2.12E+02	2.04E+02	1.04	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Iodine-131	8.47E+01	9.12E+01	0.93	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Iron-59	1.71E+02	1.57E+02	1.09	Acceptable
EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Manganese-54	2.57E+02	2.29E+02	1.12	Acceptable

EZA	2nd/2022	06/16/22	E13662	Water	pCi/L	Zinc-65	3.09E+02	2.96E+02	1.04	Acceptable
EZA	2nd/2022	08/24/22	E13659	Cartridge	pCi	Iodine-131	8.77E+01	8.53E+01	1.03	Acceptable
EZA	2nd/2022	08/24/22	E13660	Milk	pCi/L	Strontium-89	6.76E+01	8.72E+01	0.78	Acceptable
EZA	2nd/2022	08/24/22	E13660	Milk	pCi/L	Strontium-90	1.07E+01	1.45E+01	0.74	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cerium-141	1.68E+02	1.71E+02	0.98	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cobalt-58	1.51E+02	1.59E+02	0.95	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cobalt-60	3.04E+02	2.99E+02	1.02	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Chromium-51	4.53E+02	4.25E+02	1.07	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cesium-134	1.92E+02	2.12E+02	0.91	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Cesium-137	2.51E+02	2.52E+02	1.00	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Iron-59	2.29E+02	1.94E+02	1.18	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Iodine-131	8.45E+01	9.05E+01	0.93	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Manganese-54	2.95E+02	2.83E+02	1.04	Acceptable
EZA	2nd/2022	08/24/22	E13361	Milk	pCi/L	Zinc-65	3.90E+02	3.66E+02	1.07	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cerium-141	1.54E+02	1.39E+02	1.11	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cobalt-58	1.38E+02	1.28E+02	1.07	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cobalt-60	2.58E+02	2.42E+02	1.07	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Chromium-51	3.66E+02	3.44E+02	1.06	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cesium-134	1.68E+02	1.72E+02	0.98	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Cesium-137	2.12E+02	2.04E+02	1.04	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Iron-59	1.71E+02	1.57E+02	1.09	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Iodine-131	8.47E+01	9.12E+01	0.93	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Manganese-54	2.57E+02	2.29E+02	1.12	Acceptable
EZA	2nd/2022	08/24/22	E13662	Water	pCi/L	Zinc-65	3.09E+02	2.96E+02	1.04	Acceptable
EZA	3rd/2022	11/22/22	E13663	Cartridge	pCi	Iodine-131	7.97E+01	8.35E+01	0.95	Acceptable
EZA	3rd/2022	11/22/22	E13664	Milk	pCi/L	Strontium-89	9.54E+01	8.91E+01	1.07	Acceptable
EZA	3rd/2022	11/22/22	E13664	Milk	pCi/L	Strontium-90	8.87E+00	1.36E+01	0.65	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cerium-141	1.52E+02	1.61E+02	0.94	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cobalt-58	1.87E+02	1.89E+02	0.99	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cobalt-60	2.65E+02	2.60E+02	1.02	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Chromium-51	4.63E+02	4.56E+02	1.02	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cesium-134	2.31E+02	2.52E+02	0.92	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Cesium-137	2.24E+02	2.22E+02	1.01	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Iron-59	1.91E+02	1.73E+02	1.10	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Iodine-131	9.28E+01	9.42E+01	0.99	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Manganese-54	2.97E+02	2.82E+02	1.05	Acceptable
EZA	3rd/2022	11/22/22	E13665	Milk	pCi/L	Zinc-65	3.98E+02	3.73E+02	1.07	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cerium-141	1.29E+02	1.26E+02	1.02	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cobalt-58	1.49E+02	1.48E+02	1.01	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cobalt-60	2.17E+02	2.04E+02	1.07	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Chromium-51	3.84E+02	3.57E+02	1.07	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cesium-134	1.84E+02	1.98E+02	0.93	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Cesium-137	1.79E+02	1.74E+02	1.03	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Iron-59	1.57E+02	1.36E+02	1.16	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Iodine-131	8.96E+01	8.80E+01	1.02	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Manganese-54	2.30E+02	2.21E+02	1.04	Acceptable
EZA	3rd/2022	11/22/22	E13666	Water	pCi/L	Zinc-65	3.42E+05	2.93E+02	1.17	Acceptable
EZA	4th/2022	2/15/23	E13667	Cartridge	pCi	Iodine-131	8.96E+01	9.18E+01	0.98	Acceptable
EZA	4th/2022	2/15/23	E13668	Milk	pCi/L	Strontium-89	9.93E+01	9.04E+01	1.10	Acceptable
EZA	4th/2022	2/15/23	E13668	Milk	pCi/L	Strontium-90	1.28E+01	1.50E+01	0.86	Acceptable

EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cerium-141	2.32E+02	2.25E+02	1.03	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cobalt-58	2.35E+02	2.30E+02	1.02	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cobalt-60	2.85E+02	2.90E+02	0.98	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Chromium-51	4.62E+02	4.64E+02	0.99	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cesium-134	1.76E+02	1.91E+02	0.92	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Cesium-137	2.16E+02	2.19E+02	0.99	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Iron-59	2.31E+02	1.98E+02	1.17	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Iodine-131	1.02E+02	9.51E+01	1.07	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Manganese-54	2.64E+02	2.52E+02	1.05	Acceptable
EZA	4th/2022	2/15/23	E13669	Milk	pCi/L	Zinc-65	3.50E+02	3.05E+02	1.15	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cerium-141	2.33E+02	2.24E+02	1.04	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cobalt-58	2.54E+02	2.29E+02	1.07	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cobalt-60	2.97E+02	2.89E+02	1.03	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Chromium-51	5.24E+02	4.62E+02	1.13	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cesium-134	1.71E+02	1.91E+02	0.90	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Cesium-137	2.17E+02	2.18E+02	1.00	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Iron-59	2.32E+02	1.97E+02	1.18	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Iodine-131	9.96E+01	9.63E+01	1.03	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Manganese-54	2.72E+02	2.51E+02	1.08	Acceptable
EZA	4th/2022	2/15/23	E13670	Water	pCi/L	Zinc-65	3.36E+02	3.04E+02	1.11	Acceptable

TABLE 3

2022 DEPARTMENT OF ENERGY MIXED ANALYTE PERFORMANCE EVALUATION PROGRAM (MAPEP) RESULTS

PT Provider	Quarter / Year	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
MAPEP	2nd/2022	06/15/22	MAPEP-22-GrF46	Filter	Bq/smpl	Gross Alpha	0.864	1.77	0.53-3.01	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-GrF46	Filter	Bq/smpl	Gross Beta	0.639	0.649	0.325-0.974	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-GrW46	Water	Bq/L	Gross Alpha	0.782	0.87	0.26-1.48	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-GrW46	Water	Bq/L	Gross Beta	2.40	2.50	1.25-3.75	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Americium-241	56.2	72	50.4-93.6	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Cesium-134	741	890	623-1157	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Cesium-137	369	365	256-475	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Cobalt-57	1450	1400	980-1820	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Cobalt-60	411	443	310-576	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Iron-55	725	1100	770-1430	Not Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Manganese-54	1140	1140	798-1482	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	766	780	546-1014	482-896	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Plutonium-238	54.2	56	39.2-72.8	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Plutonium-239/240	41.1	41	28.7-53.3	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Potassium-40	598	596	417-775	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Strontium-90	560	677	474-880	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Technetium-99	506	778	545-1011	Not Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Thorium 228	45.8	43	30-56	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Thorium 230	49	38	27-49	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Thorium 232	39.5	42	29-55	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	U-234/233	46	44	30.8-57.2	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Uranium-238	126	123	86-160	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaS46	Soil	Bq/Kg	Zinc-65	-0.659		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Americium-241	0.271	0.335	0.249-0.462	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Cesium-134	-0.0355		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Cesium-137	7.9	7.64	5.35-9.93	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Cobalt-57	37	36	25.2-46.8	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Cobalt-60	9.64	9.3	6.5-12.1	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Hydrogen-3	303	300	210-390	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Iron-55	27.1	26.9	18.8-35.0	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Manganese-54	19.8	18.9	13.2-24.6	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Nickel-63	31.7	34	23.8-44.2	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Plutonium-238	0.992	1.07	0.75-1.39	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Plutonium-239/240	1.07	1.19	0.83-1.55	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Potassium-40	-875		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Radium-226	0.871	0.8	0.6-1.0	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Strontium-90	14.9	12.9	5.5-10.3	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Technetium-99	7.89	7.9	5.5-10.3	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Uranium-234/233	1.52	1.5	1.1-2.0	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Uranium-238	1.55	1.54	1.08-2.00	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-MaW46	Water	Bq/L	Zinc-65	29.3	26.2	18.3-34.1	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	ug/smpl	Uranium-235	0.0407	0.041	0.029-0.053	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	ug/smpl	Uranium-238	5.8	5.35	3.75-6.96	Acceptable

MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	ug/smpl	Uranium-Total	5.84	5.4	3.8-7.0	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Americium-241	0.0392	0.0439	0.307-0.0571	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Cesium-134	0.936	0.93	0.65-1.21	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Cesium-137	0.759	0.726	0.0508-0.944	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Cobalt-57	0		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Cobalt-60	0.831	0.72	0.50-0.84	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Manganese-54	0.00527		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Plutonium-238	0.0212	0.0221	0.0155-0.0287	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Plutonium-239/240	0.0142	0.0141	0.0099-0.0183	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Strontium-90	0.5	0.54	0.38-0.70	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Uranium-234/233	0.063	0.06	0.045-0.083	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Uranium-238	0.0685	0.067	0.047-0.087	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdF46	Filter	Bq/smpl	Zinc-65	0.0755		False pos. test	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Americium-241	0.0892	0.101	0.071-0.131	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Cesium-134	7.04	7.61	5.33-9.89	Not Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Cesium-137	1.57	1.52	1.06-1.98	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Cobalt-57	5.06	5.09	3.56-6.62	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Cobalt-60	-0.077		2.09-3.89	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Manganese-54	2.7	2.59	1.81-3.37	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Plutonium-238	0.267	0.27	0.019-0.035	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Plutonium-239/240	0.625	0.0594	0.0416-0.0772	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Strontium-90	1.12	0.789	0.552-1.026	Not Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Uranium-234/233	0.0763	0.071	0.050-0.092	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Uranium-238	0.0746	0.074	0.052-0.096	Acceptable
MAPEP	2nd/2022	06/15/22	MAPEP-22-RdV46	veg	Bq/smpl	Zinc-65	1.53	1.47	1.03-1.91	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-GrF47	Filter	Bq/sample	Gross Alpha	0.378	0.90	0.27-1.53	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-GrF47	Filter	Bq/sample	Gross Beta	1.25	1.31	0.66-1.97	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-GrW47	Water	Bq/L	Gross Alpha	0.978	0.871	0.261-1.481	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-GrW47	Water	Bq/L	Gross Beta	4.57	5.20	2.60-7.80	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Americium-241	96.8	99.2	69.4-129.0	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Cesium-134	564	627	439-815	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Cesium-137	0.284		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Cobalt-57	856	786	550-1022	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Cobalt-60	0.429		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Iron-55	628	740	518-962	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Manganese-54	888	841	589-1093	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Nickel-63	20.0		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Plutonium-238	0.285	0.56	Sens. Evaluation	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Plutonium-239/240	110	113	79-147	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Plutonium-241	22.7	26.8	Sens. Evaluation	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Potassium-40	561	537	376-698	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Strontium-90	842	852	596-1108	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Thorium-228	55	49	34-64	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Thorium-230	49.6	43	30-56	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Thorium-232	51	47	33-61	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Technetium-99	979	1000	700-1300	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	U-234/233	88.9	50.8	35.6-66.0	Not Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Uranium-238	196	157	110-204	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaS47	Soil	Bq/Kg	Zinc-65	1240	1140	798-1482	Acceptable

MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Americium-241	0.414	0.327	0.229-0.425	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Cesium-134	15.9	17.1	12.0-22.2	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Cesium-137	17.80	16.8	11.8-21.8	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Cobalt-57	30.4	30.0	21.0-39.0	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Cobalt-60	17.8	17.0	11.9-22.1	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Hydrogen-3	350	395	277-514	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Iron-55	22.9	27.8	19.5-36.1	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Manganese-54	-0.0317		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Nickel-63	35.7	32.9	23.0-42.8	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Plutonium-238	0.881	0.985	0.690-1.281	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Plutonium-239/240	0.943	1.070	0.749-1.391	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Potassium-40	-0.850		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Radium-226	0.471	0.511	0.358-0.664	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Strontium-90	7.49	7.73	5.41-10.05	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Technetium-99	-0.206		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Uranium-234/233	1.3100	1.3400	0.96-1.78	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Uranium-238	0.851	0.84	0.59-1.09	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-MaW47	Water	Bq/L	Zinc-65	12.6	11.3	7.9-14.7	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	ug/sample	Uranium-235	0.0803	0.0743	0.0550-0.0966	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	ug/sample	Uranium-238	11.6	10.4	7.3-13.5	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	ug/sample	Uranium-Total	11.680	10.5	7.4-13.7	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Americium-241	0.0953	0.0899	0.0629-0.1169	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Cesium-134	0.0435		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Cesium-137	1.66	1.530	1.07-1.99	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Cobalt-57	3.32	3.32	2.32-4.32	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Cobalt-60	2.00	1.99	1.39-2.59	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Manganese-54	1.97	1.88	1.32-2.44	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Plutonium-238	0.1110	0.1160	0.081-0.151	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Plutonium-239/240	0.0854	0.0936	0.0655-0.1217	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Strontium-90	1.580	1.620	1.13-2.11	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Uranium-234/233	0.132	0.125	0.088-0.163	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Uranium-238	0.14	0.130	0.091-0.169	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdF47	Filter	Bq/sample	Zinc-65	1.77	1.58	1.11-2.05	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Americium-241	0.1890	0.1890	0.132-0.246	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Cesium-134	-0.002		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Cesium-137	1.18	1.083	0.758-1.408	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Cobalt-57	0.0163		False Pos Test	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Cobalt-60	4.84	4.62	3.23-6.01	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Manganese-54	2.42	2.43	1.70-3.16	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Plutonium-238	0.1490	0.156	0.109-0.203	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Plutonium-239/240	0.14900	1.162	0.113-0.211	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Strontium-90	1.78	1.60	1.12-2.08	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Uranium-234/233	0.1330	0.1260	0.088-0.164	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Uranium-238	0.135	0.130	0.091-0.169	Acceptable
MAPEP	4th/2022	12/15/22	MAPEP-22-RdV47	Vegetation	Bq/sample	Zinc-65	8.21	7.49	5.24-9.74	Acceptable

TABLE 4
2022 ERA PROGRAM PERFORMANCE EVALUATION RESULTS

PT Provider	Quarter / Year	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
ERA	2nd/2022	5/23/2022	RAD-129	Water	pCi/L	Radium-226	8.15	9.46	7.09 - 11.1	Acceptable
ERA	2nd/2022	5/23/2022	RAD-129	Water	pCi/L	Radium-228	3.06	3.18	1.71 - 4.63	Acceptable
ERA	2nd/2022	5/23/2022	RAD-129	Water	pCi/L	Strontium-89	67.6	67.9	55.3 - 76.1	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Barium-133	40.1	38.2	30.9 - 42.8	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Cesium-134	84.7	88.6	72.7 - 97.5	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Cesium-137	177	170	153 - 189	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Cesium-137	177	170	153 - 189	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Cobalt-60	79	72.4	65.2 - 82.1	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Zinc-65	363	326	293 - 380	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Gross Alpha	54.3	60.2	31.5 - 74.8	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Gross Alpha	58.8	60.2	31.5 - 74.8	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Gross Alpha	58.8	60.2	31.5 - 74.8	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Gross Beta	22.5	17.7	10.1 - 25.9	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Gross Beta	22.5	17.7	10.1 - 25.9	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Radium-226	12.1	13.1	9.77 - 15.1	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Radium-228	8.05	8.4	5.38 - 10.6	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Radium-228	7.91	8.4	5.38 - 10.6	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Uranium (Nat)	53.6	54	44.0 - 59.5	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	µg/L	Uranium (mass)	74.525	78.8	64.2 - 86.8	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Tritium	20200	22100	19400 - 24300	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Strontium-89	48.4	49.6	39.0 - 57.0	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Strontium-89	47.4	49.6	39.0 - 57.0	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Strontium-90	12.8	11.2	7.62 - 13.8	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Strontium-90	11.9	11.2	7.62 - 13.8	Acceptable
ERA	3rd /2022	08/29/22	RAD-130	Water	pCi/L	Iodine-131	28.9	27.7	23.0 - 32.5	Acceptable

TABLE 5
2022 ERA PROGRAM (MRAD) PERFORMANCE EVALUATION RESULTS

PT Provider	Quarter / Year	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Actinium-228	1710	1670	1100 - 2100	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Bismuth-212	2130	1840	527 - 2740	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Bismuth-214	888	790	379 - 1180	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Cesium-134	6470	6620	4530 - 7910	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Cesium-134	6470	6620	4530 - 7910	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Cesium-137	7680	6760	5110 - 8550	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Cobalt-60	3110	2820	2220 - 3480	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Lead-212	1880	1630	1140 - 2060	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Lead-214	1090	838	352 - 1320	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Manganese-54	<24.3	<555	<555	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Plutonium-238	260	289	144 - 439	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Plutonium-239	1290	1180	643 - 1700	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Potassium-40	40500	37900	26100 - 45300	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Strontium-90	7090	6720	2090 - 10500	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Thorium-234	4900	3390	1280 - 5810	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Uranium-234	3830	3410	1600 - 4470	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Uranium-234	4120	3410	1600 - 4470	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Uranium-234	3830	3410	1600 - 4470	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Uranium-238	4080	3390	1860 - 4550	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Uranium-238	4060	3390	1860 - 4550	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Uranium-Total	8170	6960	3860 - 9000	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Uranium-Total	8366	6960	3860 - 9000	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Uranium-Total	8170	6960	3860 - 9000	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	µg/kg	Uranium (mass)	12300	10100	4560 - 13600	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Zinc-65	6450	5070	4050 - 6920	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Americium-241	1670	1850	1140 - 2610	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Soil	pCi/kg	Cesium-134	1900	2450	1630 - 3260	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Cesium-137	1330	1460	1120 - 1970	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Cesium-137	1330	1460	1120 - 1970	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Cobalt-60	822	902	708 - 1180	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Curium-244	1270	1530	863 - 1900	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Manganese-54	<25.2	<207	<207	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Plutonium-238	3470	3640	2520 - 4690	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Plutonium-239	3400	3540	2450 - 4480	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Potassium-40	32400	33300	25000 - 42200	Acceptable

ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Strontium-90	5170	4340	2450 - 5660	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Uranium-234	3750	3980	2800 - 5080	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Uranium-238	3850	3940	2780 - 4930	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Uranium-Total	7800	8110	5180 - 10900	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	µg/kg	Uranium (mass)	11500	11800	9060 - 14600	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	veg	pCi/kg	Zinc-65	564	545	407 - 808	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Americium-241	22.6	21	15.0 - 28.0	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Cesium-134	497	549	356 - 673	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Cesium-137	1320	1320	1080 - 1730	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Cobalt-60	905	885	752 - 1120	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Iron-55	110	127	46.4 - 203	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Manganese-54	<4.39	<35.0	<35.0	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Plutonium-238	27.1	29.6	22.3 - 36.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Plutonium-239	44.5	49.7	37.2 - 60.0	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Strontium-90	38	31.1	19.7 - 42.3	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Uranium-234	59.1	67.3	49.9 - 78.9	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Uranium-234	62.3	67.3	49.9 - 78.9	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Uranium-238	61.5	66.7	50.4 - 79.6	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Uranium-238	63.6	66.7	50.4 - 79.6	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Uranium-Total	124	137	100 - 162	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Uranium-Total	128.9	137	100 - 162	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	µg/Filter	Uranium (mass)	184	200	160 - 234	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	µg/Filter	Uranium (mass)	190	200	160 - 234	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Zinc-65	730	671	550 - 1030	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Zinc-65	730	671	550 - 1030	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Gross Alpha	98.4	94.2	49.2 - 155	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Filter	pCi/Filter	Gross Beta	71.5	66.8	40.5 - 101	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Americium-241	65	74.6	51.2 - 95.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Cesium-134	1620	1720	1300 - 1890	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Cesium-134	1620	1720	1300 - 1890	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Cesium-134	1620	1720	1300 - 1890	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Cesium-137	1130	1120	959 - 1270	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Cesium-137	1130	1120	959 - 1270	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Cesium-137	1130	1120	959 - 1270	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Cobalt-60	2880	2710	2340 - 3110	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Iron-55	1270	1140	670 - 1660	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Manganese-54	<8.37	<71.0	<71.0	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Plutonium-238	116	147	88.4 - 190	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Plutonium-239	56	71.9	44.5 - 88.6	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Strontium-90	639	628	452 - 776	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-234	41.2	44.1	33.6 - 50.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-234	44	44.1	33.6 - 50.4	Acceptable

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ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-238	44.7	43.7	33.9 - 51.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-238	43.5	43.7	33.9 - 51.4	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-Total	88.9	89.8	70.0 - 102	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Uranium-Total	89.5	89.8	70.0 - 102	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	µg/L	Uranium (mass)	134	131	106 - 149	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	µg/L	Uranium (mass)	130	131	106 - 149	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Zinc-65	1320	1220	1090 - 1540	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Gross Alpha	74.5	79.4	29.0 - 109	Acceptable
ERA	2nd/2022	5/27/2022	MRAD-36	Water	pCi/L	Tritium	28000	28200	21300 - 34300	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Actinium-228	1550	1670	1100 - 2100	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Americium-241	187	147	79.4 - 208	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Bismuth-212	1460	1670	478 - 2490	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Bismuth-214	592	790	379 - 1180	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Bismuth-214	592	790	379 - 1180	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Cesium-134	8710	9600	6560 - 11500	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Cesium-137	8080	7890	5970 - 9980	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Cobalt-60	1490	1500	1180 - 1850	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Lead-212	1820	1630	1140 - 2060	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Lead-214	735	838	352 - 1320	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Manganese-54	<32.1	<555	<555	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Plutonium-238	1100	1100	549 - 1670	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Plutonium-239	948	967	527 - 1390	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Potassium-40	41300	43100	29700 - 51500	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Strontium-90	5310	6270	1950 - 9770	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Thorium-234	3920	3320	1250 - 5690	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Uranium-234	3410	3350	1570 - 4390	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Uranium-234	3640	3350	1570 - 4390	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Uranium-238	3880	3320	1820 - 4460	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Uranium-Total	7520	6830	3790 - 8830	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	µg/kg	Uranium (mass)	11600	9960	4490 - 13400	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Soil	pCi/kg	Zinc-65	4300	3990	3190 - 5440	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Americium-241	3650	3560	2200 - 5030	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Cesium-134	1820	1860	1230 - 2480	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Cesium-137	2560	2300	1770 - 3100	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Cobalt-60	528	496	389 - 648	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Curium-244	957	1100	620 - 1370	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Manganese-54	<27.4	<207	<207	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Plutonium-238	1320	1300	900 - 1680	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Plutonium-239	1190	1170	809 - 1480	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Strontium-90	4560	2960	1670 - 3860	Not Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Uranium-234	1090	1090	766 - 1390	Acceptable

ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Uranium-238	1100	1080	763 - 1350	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Uranium-Total	2230	2220	1420 - 2990	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	µg/kg	Uranium (mass)	3300	3240	2490 - 4010	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Vegetation	pCi/kg	Zinc-65	665	512	382 - 759	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Americium-241	41.2	38.8	27.7 - 51.7	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Cesium-134	286	325	211 - 399	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Cesium-137	739	795	653 - 1040	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Cobalt-60	203	191	162 - 243	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Iron-55	107	122	44.5 - 195	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Manganese-54	<2.38	<35.0	<35.0	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Plutonium-238	29.9	29.9	22.6 - 36.7	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Plutonium-239	12.1	13	9.73 - 15.7	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Strontium-90	130	133	84.1 - 181	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-234	68.1	71.5	53.0 - 83.8	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-234	69.9	71.5	53.0 - 83.8	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-238	70.1	70.9	53.5 - 84.6	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-238	72.3	70.9	53.5 - 84.6	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-Total	141	146	107 - 173	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Uranium-Total	142.2	146	107 - 173	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	µg/Filter	Uranium (mass)	210	212	170 - 248	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	µg/Filter	Uranium (mass)	216	212	170 - 248	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Zinc-65	133	120	98.4 - 183	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Gross Alpha	57.8	55.5	29.0 - 91.4	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Filter	pCi/Filter	Gross Beta	68.2	64.8	39.3 - 97.9	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Americium-241	100	96.2	66.0 - 123	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Cesium-134	452	483	365 - 531	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Cesium-137	1220	1250	1070 - 1420	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Cobalt-60	1500	1420	1220 - 1630	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Iron-55	867	926	544 - 1350	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Manganese-54	<5.46	<71.0	<71.0	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Plutonium-238	44.5	52.6	31.6 - 68.2	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Plutonium-239	94.4	117	72.5 - 144	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Strontium-90	283	224	161 - 277	Not Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-234	140	153	116 - 175	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-234	145	153	116 - 175	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-238	147	152	118 - 179	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-238	156	152	118 - 179	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-Total	296	312	243 - 356	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Uranium-Total	301	312	243 - 356	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	µg/L	Uranium (mass)	442	455	369 - 516	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	µg/L	Uranium (mass)	468	455	369 - 516	Acceptable
ERA	4th/2022	11/21/22	MRAD-	Water	pCi/L	Zinc-65	145	122	109 - 154	Acceptable

			37							
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Gross Alpha	46.6	42.7	15.6 - 58.9	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Gross Beta	93.6	111	55.5 - 153	Acceptable
ERA	4th/2022	11/21/22	MRAD-37	Water	pCi/L	Tritium	16900	18800	14200 - 22900	Acceptable

FIGURE 1

COBALT-60 PERFORMANCE EVALUATION RESULTS AND % BIAS

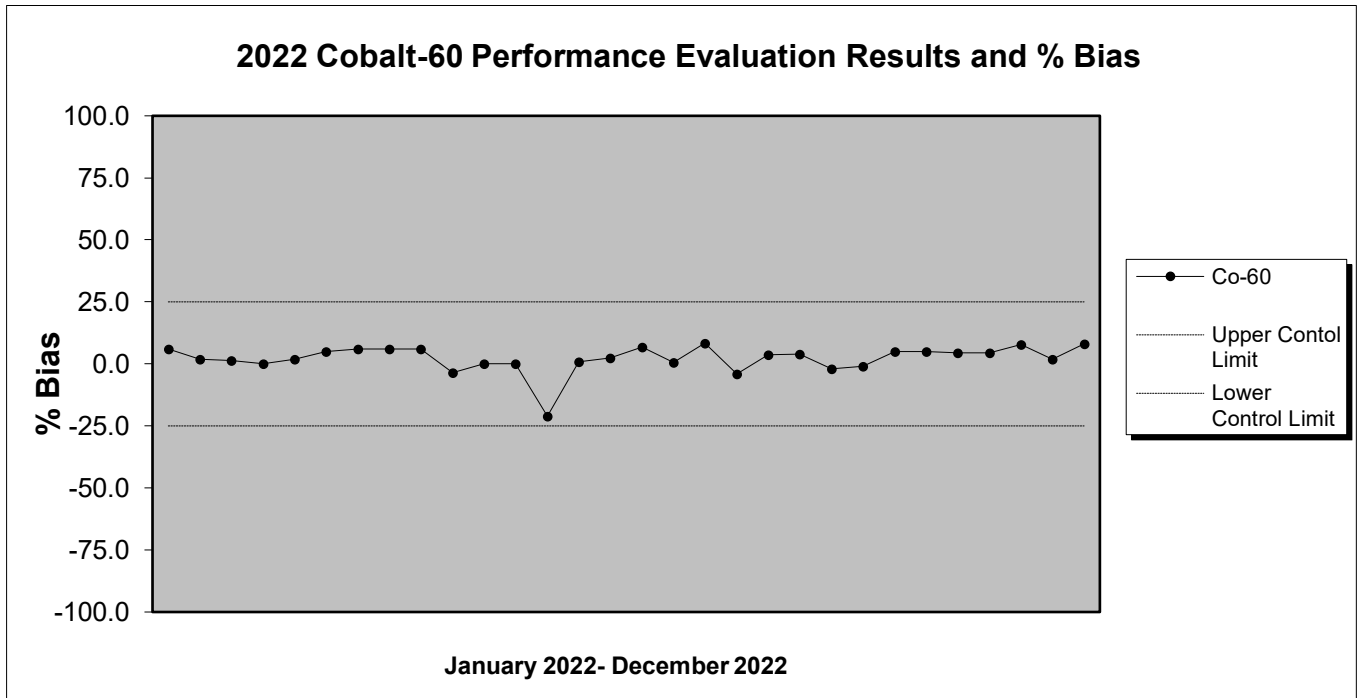


FIGURE 2

CESIUM-137 PERFORMANCE EVALUATION RESULTS AND % BIAS

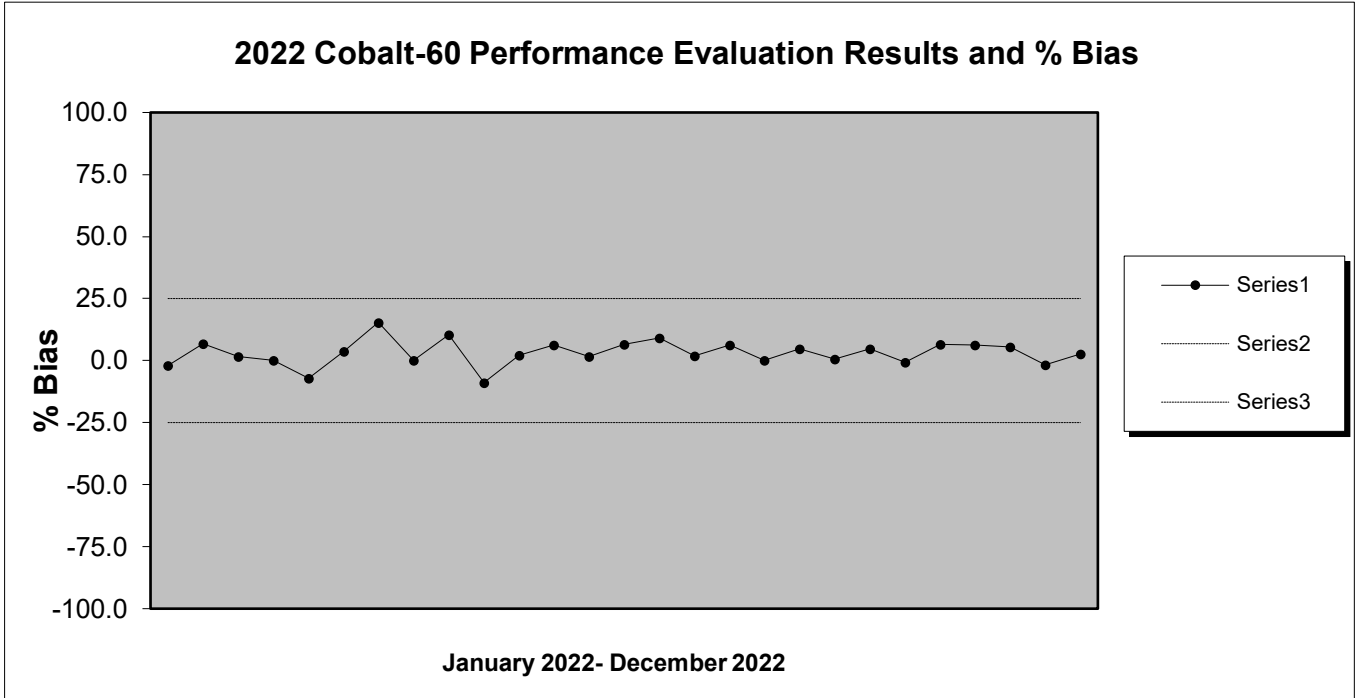


FIGURE 3

TRITIUM PERFORMANCE EVALUATION RESULTS AND % BIAS

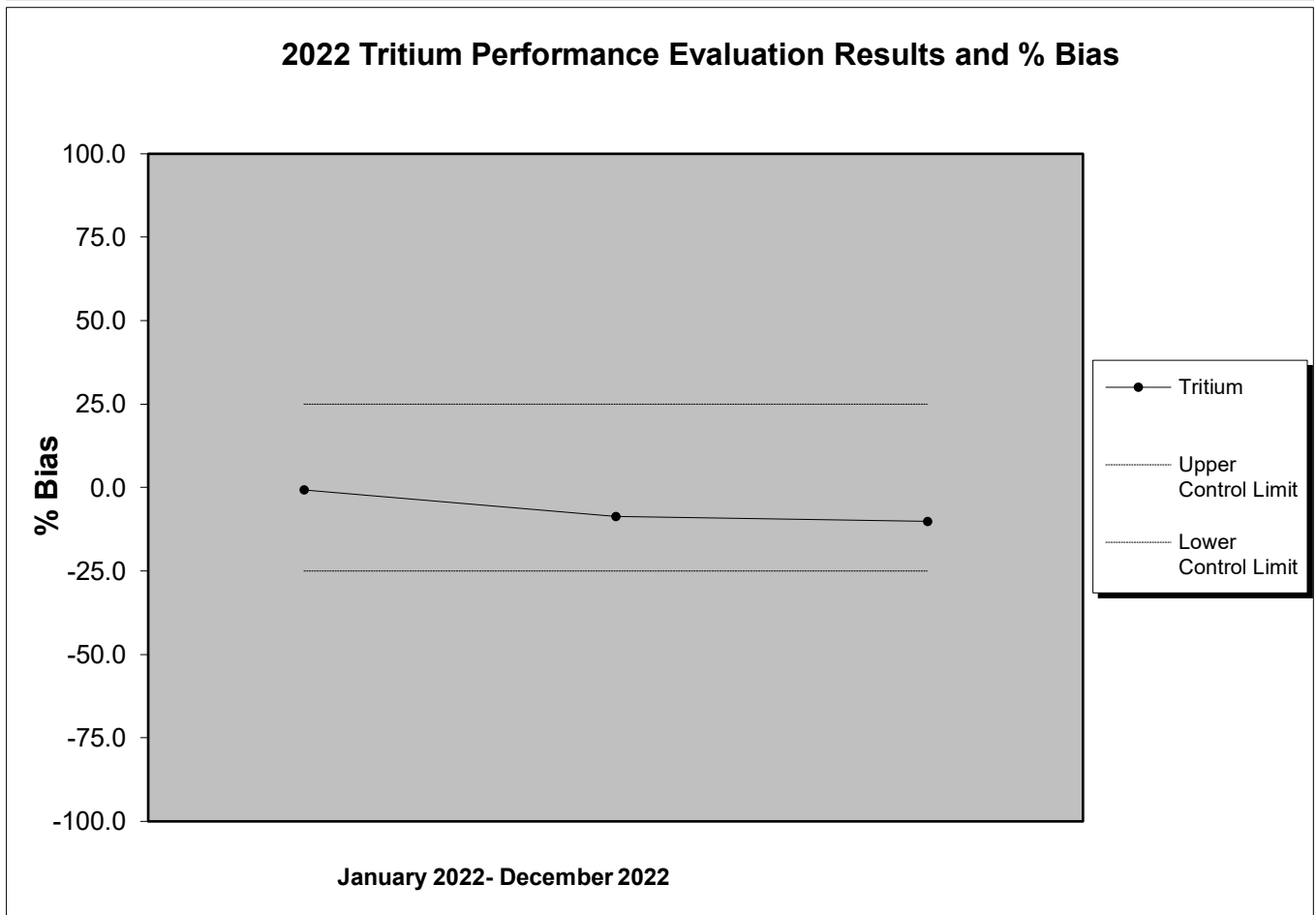


FIGURE 4

STRONTIUM-90 PERFORMANCE EVALUATION RESULTS AND % BIAS

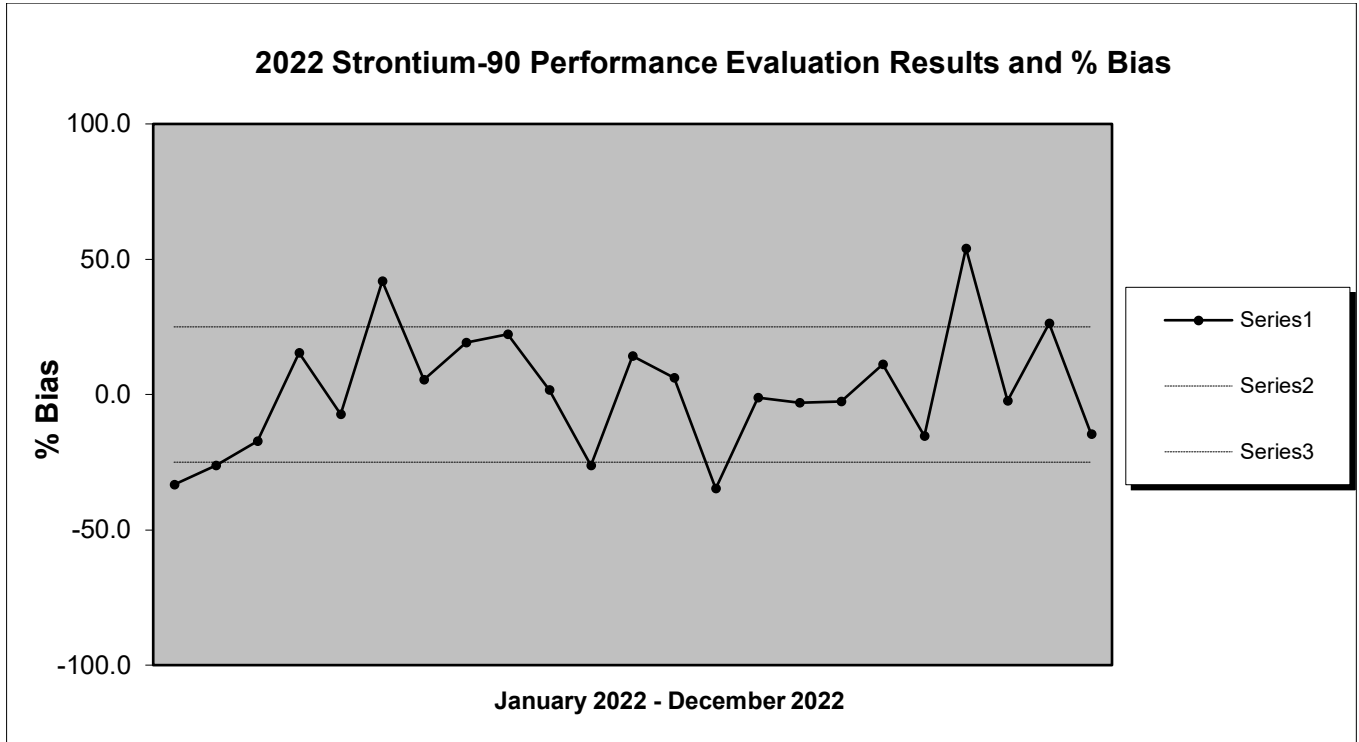


FIGURE 5

GROSS ALPHA PERFORMANCE EVALUATION RESULTS AND % BIAS

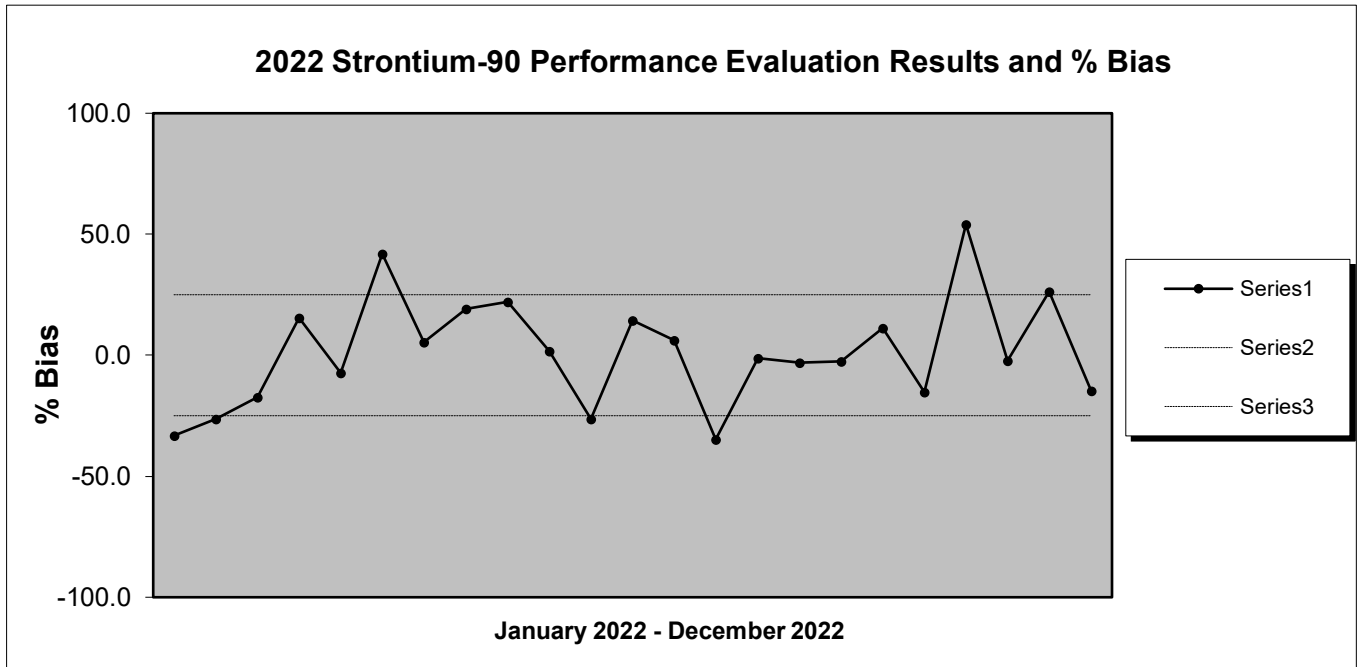


FIGURE 6

GROSS BETA PERFORMANCE EVALUATION RESULTS AND % BIAS

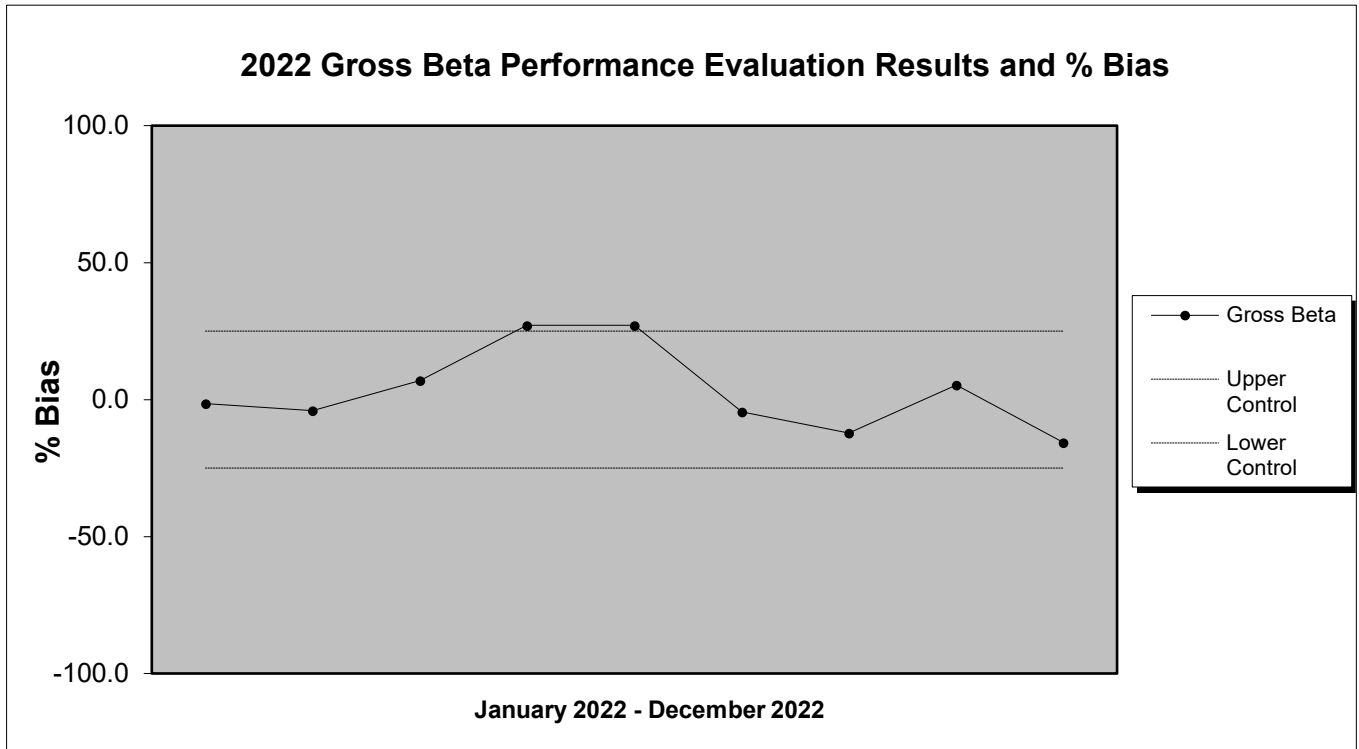


FIGURE 7

IODINE-131 PERFORMANCE EVALUATION RESULTS AND % BIAS

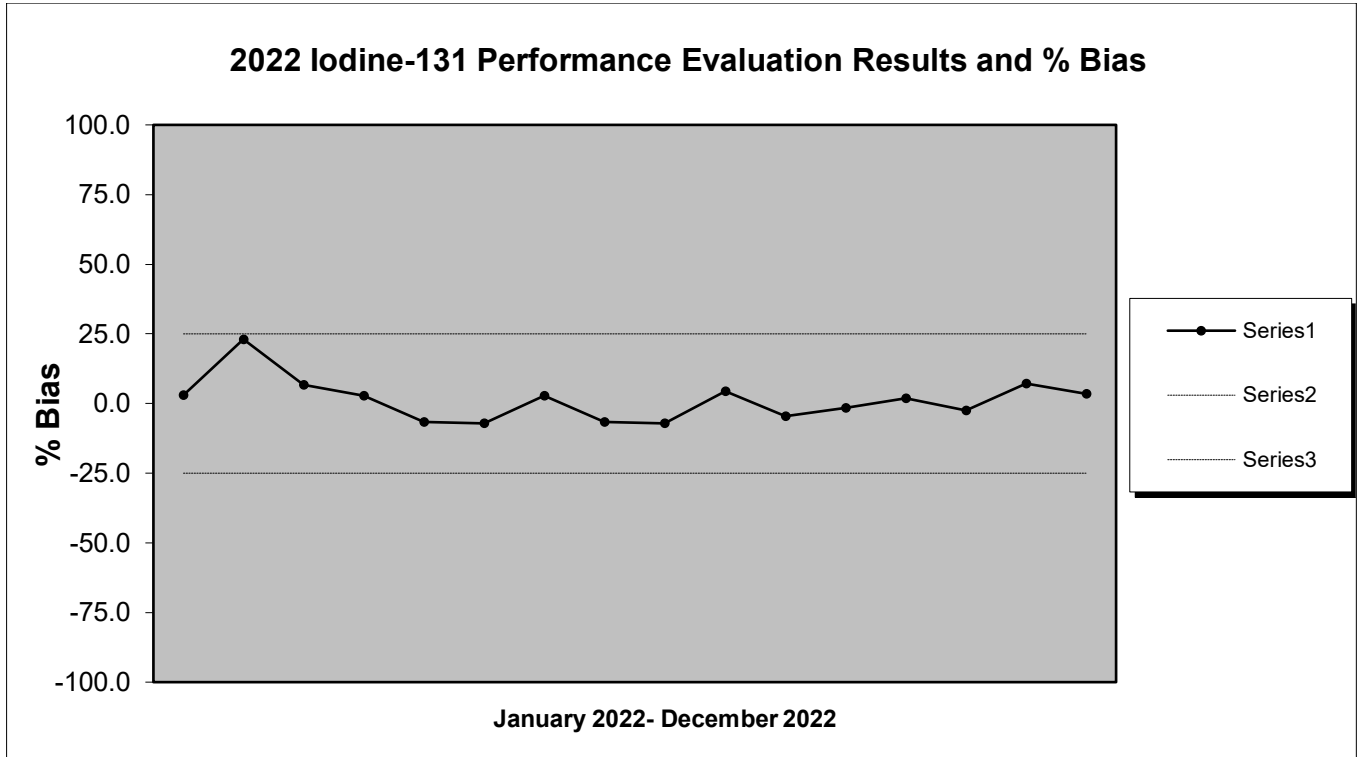


FIGURE 8

AMERICIUM-241 PERFORMANCE EVALUATION RESULTS AND % BIAS

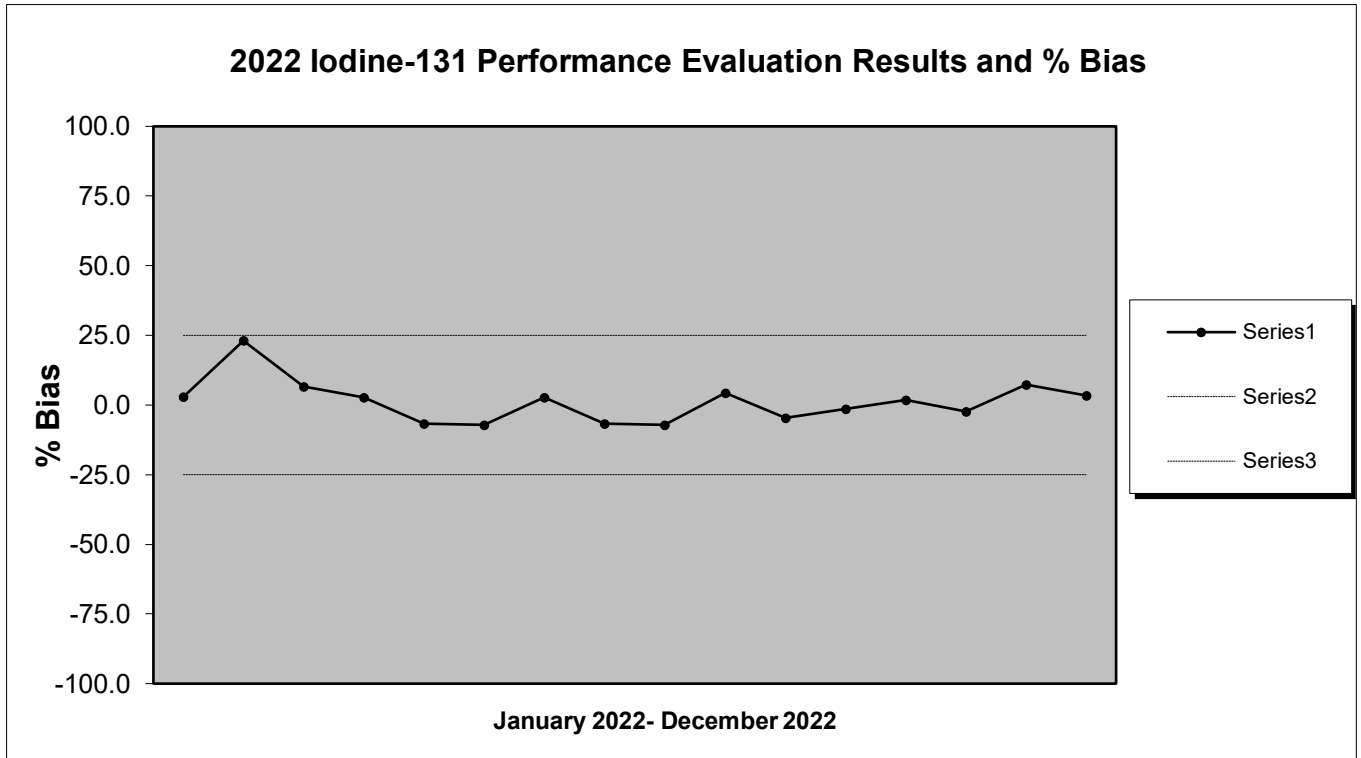


FIGURE 9

PLUTONIUM-238 PERFORMANCE EVALUATION RESULTS AND % BIAS

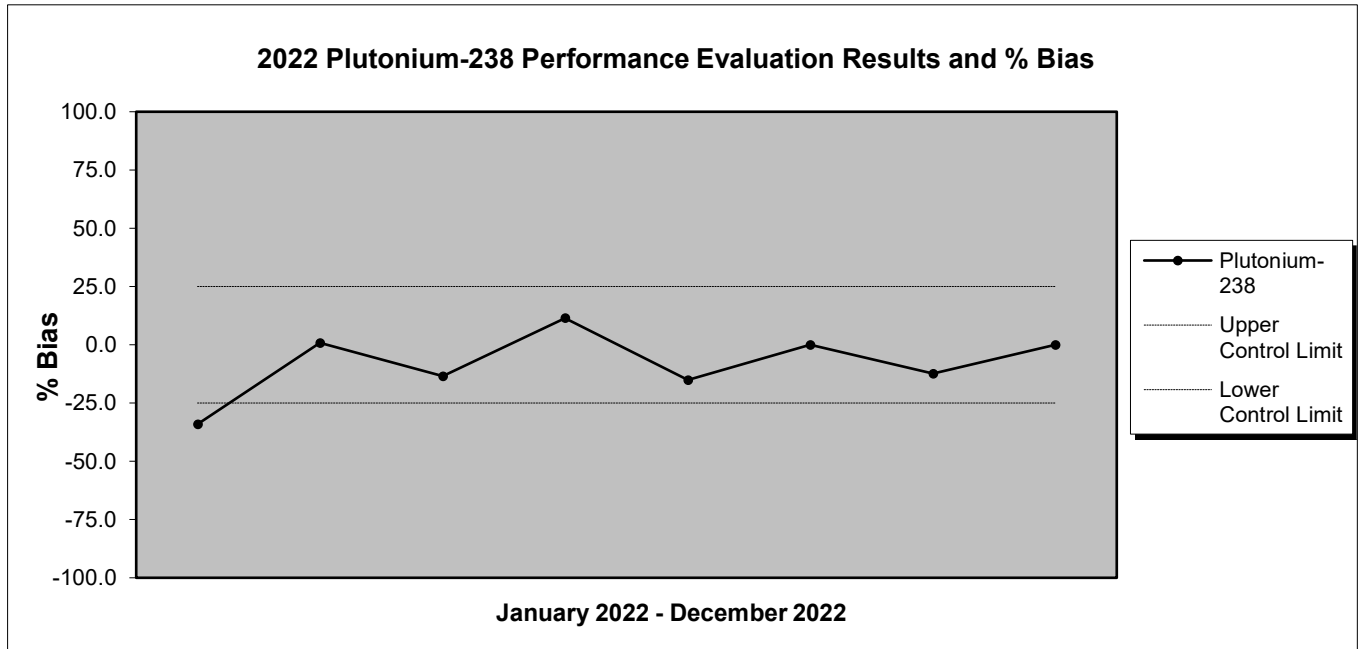


TABLE 6
REMP INTRA-LABORATORY DATA SUMMARY: BIAS AND PRECISION BY MATRIX

2022 REMP Intra Laboratory	Bias Criteria (+ / - 25%)		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
DRINKING WATER				
Gross Alpha Non Vol Beta	471	0	498	0
LIQUID				
Gross Alpha Non Vol Beta	181	0	484	0
FILTER				
Gross A & B	1726	0	1415	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	1701	0	2570	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	155	0	155	0
SOLID				
LSC Iron-55	30	0	30	0
LSC Nickel 63	25	0	25	0
Tritium	12	0	12	0
VEGETATION				
Carbon-14	12	0	12	0
LIQUID				
Tritium	1281	0	1626	0
Gamma Spec Liquid RAD A-013 with Ba, La	434	0	939	0
MILK				
Gamma Spec Liquid RAD A-013 with Ba, La	209	0	615	0
Gamma Iodine-131	56	0	606	0
Gas Flow Sr 2nd count	209	0	257	0
LIQUID				
Iodine-131	0	0	341	0
TISSUE				
Tritium	12	0	12	0
LIQUID				
Gamma Spec Liquid RAD A-013 with Iodine	119	0	444	0
DRINKING WATER				
Iodine-131	0	0	199	0
Gamma Spec Liquid RAD A-013 with Ba, La	166	0	282	0
LIQUID				
Gas Flow Sr 2nd count	83	0	84	0

VEGETATION				
Gamma Spec Solid RAD A-013 with Iodine	327	0	467	0
SOLID				
Gas Flow Sr 2nd count	44	0	54	0
DRINKING WATER				
Gamma Spec Liquid RAD A-013 with Iodine	0	0	53	0
FILTER				
Gamma Spec Filter	188	0	395	0
LIQUID				
LSC Iron-55	74	0	89	0
DRINKING WATER				
LSC Iron-55	68	0	47	0
LIQUID				
LSC Nickel 63	69	0	90	0
DRINKING WATER				
LSC Nickel 63	68	0	47	0
Tritium	146	0	165	0
SOLID				
Gamma Spec Solid RAD A-013 with Iodine	138	0	239	0
DRINKING WATER				
Gamma Iodine-131	123	0	145	0
LIQUID				
Gas Flow Total Strontium	100	0	112	0
DRINKING WATER				
Gas Flow Total Strontium	100	0	93	0
VEGETATION				
Gamma Spec Solid RAD A-013	34	0	34	0
FILTER				
Gas Flow Sr 2nd Count	17	0	22	0
MILK				
Gas Flow Total Strontium	74	0	69	0
SOLID				
Gamma Spec Solid RAD A-013	34	8	47	0
TISSUE				
Gamma Spec Solid RAD A-013	185	0	209	0
Gamma Spec Solid RAD A-013 with Iodine	81	0	86	0
Gas Flow Total Strontium	42	0	42	0
DRINKING WATER				
Gas Flow Sr 2nd count	7	0	7	0
SOLID				
Gas Flow Total Strontium	20	0	20	0

LIQUID				
Gamma Spec Liquid RAD A-013	16	0	16	0
VEGETATION				
Gas Flow Total Strontium	27	0	27	0
Gas Flow Sr 2nd count	19	0	28	0
TISSUE				
Gas Flow Sr 2nd count	49	0	49	0

Note 1: The RPD must be 20 percent or less, if both samples are greater than 5 times the MDC. If both results are less than 5 times MDC, then the RPD must be equal to or less than 100%. If one result is above the MDC and the other is below the MDC, then the RPD can be calculated using the MDC for the result of the one below the MDC. The RPD must be 100% or less. In the situation where both results are above the MDC but one result is greater than 5 times the MDC and the other is less than 5 times the MDC, the RPD must be less than or equal to 20%. If both results are below MDC, then the limits on % RPD are not applicable.

TABLE 7
ALL RADIOLOGICAL INTRA-LABORATORY DATA SUMMARY:
BIAS AND PRECISION BY MATRIX:

LIQUID				
Gas Flow Radium 228	19	0	16	0
DRINKING WATER				
Gas Flow Radium 228	364	0	387	0
Lucas Cell Radium-226	443	0	465	0
LIQUID				
Iodine-131	0	0	352	0
DRINKING WATER				
Tritium	151	0	170	0
AIR CHARCOAL				
Gamma Iodine 129	52	0	52	0
FILTER				
Gas Flow Total Strontium	5	0	12	0
LIQUID				
ICP-MS Uranium-233, 234 in Liquid	48	0	57	0
ICP-MS Uranium-235, 236, 238 Prep in Liquid	45	0	73	0
ICP-MS Uranium-235, 236, 238 in Liquid	58	0	98	0
SOLID				
Gamma Spec Solid RAD A-013 (pCi/Sample)	57	0	82	0
LIQUID				
Alpha Spec Polonium	41	0	134	0
SOLID				
Total Activity,	19	0	31	0
FILTER				
Gas Flow Lead 210	0	0	22	0
ICP-MS Uranium-234, 235, 236, 238 in Filter	32	0	160	0
LIQUID				
Gamma Iodine 131 RAD A-013	12	0	12	0
Gross Alpha/Beta	0	0	18	0
DRINKING WATER				
Gas Flow Strontium 90	68	0	47	0
VEGETATION				
Tritium	67	0	72	0
LIQUID				
Radium 226 + 228 Sum (Result and TPU only)	148	0	167	0

FILTER				
Filter Prep	16	0	60	0
VEGETATION				
Gas Flow Sr 2nd count	19	0	28	0
TISSUE				
LSC Plutonium	10	0	10	0
SOLID				
Gas Flow Strontium 90	26	0	27	0
LIQUID				
Gamma Spec Drinking Water RAD A-013	16	0	16	0
MILK				
Gas Flow Strontium 90	41	0	52	0
LIQUID				
Lucas Cell Radium 226	2344	0	3458	0
Technetium-99	4280	0	4184	0
SOLID				
LSC Plutonium	1683	0	1762	0
FILTER				
Alpha Spec U	68	0	320	0
Alpha Spec Uranium	476	0	1053	0
LIQUID				
LSC Nickel 63	620	0	923	0
FILTER				
Carbon-14	27	0	538	0
LIQUID				
Alpha Spec Uranium	3046	0	4469	0
FILTER				
Gamma Spec Filter RAD A-013	1117	0	1510	0
LIQUID				
Gas Flow Total Strontium	643	0	758	0
Gas Flow Total Alpha Radium	60	0	56	0
DRINKING WATER				
LSC Iron-55	68	0	47	0
Gamma Spec Liquid RAD A-013 with Iodine	0	0	53	0
SOLID				
ICP-MS U-234, 235, 236, 238 Prep per sample	53	0	53	0
LIQUID				
LSC Calcium 45	70	0	70	0
MILK				
Gamma Spec Liquid RAD A-013 with Ba, La	209	0	615	0
Gamma Iodine-131	56	0	606	0

FILTER				
Alpha Spec Plutonium	60	0	60	0
Gamma Spec Filter RAD A-013 Direct Count	5	0	48	0
SOLID				
Tritium	111	0	111	0
DRINKING WATER				
Gamma Spec Liquid RAD A-013	45	0	45	0
FILTER				
ICP-MS Tc-99 in Filter	0	0	29	0
DRINKING WATER				
Alpha Spec Am241 Curium	10	0	10	0
Alpha Spec Plutonium	10	0	10	0
SOLID				
LSC Calcium 45	5	0	16	0
VEGETATION				
Alpha Spec Uranium	1	0	11	0
FILTER				
Gamma I-131, filter	21	0	21	0
VEGETATION				
Gamma Spec Solid RAD A-013 (pCi/Sample)	11	0	11	0
FILTER				
Laboratory Sample composite-Filters	0	0	15	0
LIQUID				
Total Activity,	21	0	31	0
FILTER				
Carbon-14 Direct Count	0	0	10	0
TISSUE				
Gas Flow Sr 2nd count	59	0	59	0
VEGETATION				
Gas Flow Total Strontium	27	0	27	0

Note 1: The RPD must be 20 percent or less, if both samples are greater than 5 times the MDC. If both results are less than 5 times MDC, then the RPD must be equal to or less than 100%. If one result is above the MDC and the other is below the MDC, then the RPD can be calculated using the MDC for the result of the one below the MDC. The RPD must be 100% or less. In the situation where both results are above the MDC but one result is greater than 5 times the MDC and the other is less than 5 times the MDC, the RPD must be less than or equal to 20%. If both results are below MDC, then the limits on % RPD are not applicable.

TABLE 8
2022 CORRECTIVE ACTION REPORT SUMMARY

CORRECTIVE ACTION & PE FAILURE					DISPOSITION															
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Parm</th> <th>Reported Value</th> <th>Reference Value</th> <th>Acceptance Range</th> </tr> </thead> <tbody> <tr> <td>MAPEP-22-MaS46 (Radiological)</td> <td>Fe-55 Tc-99</td> <td>725 Bq/kg 506 Bq/kg</td> <td>1100 Bq/kg 778 Bq/kg</td> <td>770-1430 Bq/kg 545-1011 Bq/kg</td> </tr> <tr> <td>MAPEP-22-RdV46</td> <td>Sr-90</td> <td>1.12 Bq/sample</td> <td>0.789 Bq/sample</td> <td>0.552-1.026 Bq/sample</td> </tr> </tbody> </table>					Sample ID	Parm	Reported Value	Reference Value	Acceptance Range	MAPEP-22-MaS46 (Radiological)	Fe-55 Tc-99	725 Bq/kg 506 Bq/kg	1100 Bq/kg 778 Bq/kg	770-1430 Bq/kg 545-1011 Bq/kg	MAPEP-22-RdV46	Sr-90	1.12 Bq/sample	0.789 Bq/sample	0.552-1.026 Bq/sample	<p>Containment Actions, if any:</p> <p>Upon receipt of the PT report, an investigation was initiated by the Quality Department and a Corrective Action (CARR) team assembled. The team consisted of representatives from the affected areas. The sample preparation and analytical processes were reviewed. This included review of reagents and standards used in the sample preparation steps, calibration records, process control samples, and interviews with the analysts.</p> <p>The investigation determined that the laboratory met all quality control criteria specified in each method. Additionally, all internal procedures and policies were performed as required. These failures were tracked through GEL's internal non conformance system.</p>
Sample ID	Parm	Reported Value	Reference Value	Acceptance Range																
MAPEP-22-MaS46 (Radiological)	Fe-55 Tc-99	725 Bq/kg 506 Bq/kg	1100 Bq/kg 778 Bq/kg	770-1430 Bq/kg 545-1011 Bq/kg																
MAPEP-22-RdV46	Sr-90	1.12 Bq/sample	0.789 Bq/sample	0.552-1.026 Bq/sample																
					<p>Root Cause(s):</p> <p>MAPEP-22-MaS46 (Radiological): Fe-55:</p> <p>The laboratory reviewed the data and noted that the tracer recoveries for this analysis were higher than typical soil tracer recoveries. The higher tracer recoveries possibly contributed to the low bias seen in the result.</p> <p>Tc-99:</p> <p>The laboratory reviewed both the inorganic and radiological data for contributors to the low bias. Both analyses include the addition of Hydrofluoric Acid to the 1M Hydrochloric leach process. The laboratory has concluded that since both the reported results were low, the HF leach may not have been performed long enough for the HF to effectively isolate the Technetium.</p> <p>MAPEP-22-RdV46:</p> <p>The data for the Sr-90 analysis was reviewed and no anomalies were noted. The QC in the analysis batch met acceptance criteria. The laboratory evaluated both the prep and instrument processes for possible areas of contamination that contributed to the positive bias. A definitive source was not determined.</p>															

CORRECTIVE ACTION & PE FAILURE					DISPOSITION
Sample ID	Parm	Reported Value	Reference Value	Acceptance Range	Containment Actions, if any:
MAPEP-22-MaS47 (Radiological)	U-234 U-238 (W)	88.9 Bq/kg 196 Bq/kg	50.8 Bq/kg 157 Bq/kg	35.6-66.0 Bq/kg 110-204 Bq/kg	<p>Upon receipt of the PT report, an investigation was initiated by the Quality Department and a Corrective Action (CARR) team assembled. The team consisted of representatives from the affected areas. The sample preparation and analytical processes were reviewed. This included review of reagents and standards used in the sample preparation steps, calibration records, process control samples, and interviews with the analysts.</p> <p>The investigation determined that the laboratory met all quality control criteria specified in each method. Additionally, all internal procedures and policies were performed as required. These failures were tracked through GEL's internal non-conformance system.</p> <p>A review of the spectral data and calculations was performed, and no errors were found. A recount of the samples was performed to see if there were any counting issues that would result in the higher bias. Recount data verified original results. A reanalysis was performed via alpha spec, utilizing an HF, HNO₃, HCL complete digestion procedure (GEL-RAD-A-011). Reanalysis results averaged between 83%-104% for U-234 and 92%-102% for U-238. Possible issues with original analysis could include: analyst errors in tracing or aliquoting, tracer low bias (a different secondary tracer was used on the reanalysis, however control charts of the original tracer indicated no bias), or possible contamination issues from the NaOH fusion method (original prep) and/or the crucibles used for the fusion. Although contamination is a probable cause, the batch blank gave no indication of a contamination issues. A review of the cleaning procedure for the crucibles was performed and no issues were identified.</p>
					Root Cause(s):

					The laboratory could not definitively identify the cause of the high bias in the results for these parameters. The lab will continue to monitor the recoveries of these parameters in all methods to ensure that there are no continued issues..															
<table border="1"> <thead> <tr> <th>Sample ID</th> <th>Parm</th> <th>Reported Value</th> <th>Reference Value</th> <th>Acceptance Range</th> </tr> </thead> <tbody> <tr> <td>MRAD 37 Vegetation</td> <td>Strontium-90</td> <td>4560 pCi/kg</td> <td>2960 pCi/kg</td> <td>1670-3860 pCi/L</td> </tr> <tr> <td>MRAD 37 Water</td> <td>Strontium-90</td> <td>283 pCi/L</td> <td>224 pCi/L</td> <td>161-277 pCi/L</td> </tr> </tbody> </table>					Sample ID	Parm	Reported Value	Reference Value	Acceptance Range	MRAD 37 Vegetation	Strontium-90	4560 pCi/kg	2960 pCi/kg	1670-3860 pCi/L	MRAD 37 Water	Strontium-90	283 pCi/L	224 pCi/L	161-277 pCi/L	<p>Containment Actions, if any:</p> <p>Upon receipt of the PT report, an investigation was initiated by the Quality Department and a Corrective Action (CARR) team assembled. The team consisted of representatives from the affected areas. The sample preparation and analytical processes were reviewed. This included review of reagents and standards used in the sample preparation steps, calibration records, process control samples, and interviews with the analysts.</p> <p>The investigation determined that the laboratory met all quality control criteria specified in each method. Additionally, all internal procedures and policies were performed as required. These failures were tracked through GEL's internal non-conformance system</p>
Sample ID	Parm	Reported Value	Reference Value	Acceptance Range																
MRAD 37 Vegetation	Strontium-90	4560 pCi/kg	2960 pCi/kg	1670-3860 pCi/L																
MRAD 37 Water	Strontium-90	283 pCi/L	224 pCi/L	161-277 pCi/L																
					The lab will continue to monitor the recoveries of these parameters to ensure that there are no continued issues. During the analysis time period for MRAD-37, the laboratory successfully completed the analysis of Strontium-90 in these matrices in PT study MAPEP-47. In which, the samples were prepared and analyzed by the same processes and procedures															

ENVIRONMENTAL DOSIMETRY COMPANY

ANNUAL QUALITY ASSURANCE STATUS REPORT

January - December 2022

Prepared By: Jim Smith Date: 3/24/23

Approved By: Neill Stul Date: 3/24/23

**Environmental Dosimetry Company
10 Ashton Lane
Sterling, MA 01564**

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EXECUTIVE SUMMARY

Routine quality control (QC) testing was performed for dosimeters issued by the Environmental Dosimetry Company (EDC) .

During this annual period 100% (72/72) of the individual dosimeters, evaluated against the EDC internal performance acceptance criteria (high-energy photons only), met the criterion for accuracy and 100% (72/72) met the criterion for precision (Table 1). In addition, 100% (12/12) of the dosimeter sets evaluated against the internal tolerance limits met EDC acceptance criteria (Table 2) and 100% (6/6) of independent testing passed the performance criteria (Table 3). Trending graphs, which evaluate performance statistic for high-energy photon irradiations and co-located stations are given in Appendix A.

One internal assessment was performed in 2022. There were no findings.

I. INTRODUCTION

The TLD systems at the Environmental Dosimetry Company (EDC) are calibrated and operated to ensure consistent and accurate evaluation of TLDs. The quality of the dosimetric results reported to EDC clients is ensured by in-house performance testing and independent performance testing by EDC clients, and both internal and client directed program assessments.

The purpose of the dosimetry quality assurance program is to provide performance documentation of the routine processing of EDC dosimeters. Performance testing provides a statistical measure of the bias and precision of dosimetry processing against a reliable standard, which in turn points out any trends or performance changes. Two programs are used:

A. QC Program

Dosimetry quality control tests are performed on EDC Panasonic 814 Environmental dosimeters. These tests include: (1) the in-house testing program coordinated by the EDC QA Officer and (2) independent test perform by EDC clients. In-house test are performed using six pairs of 814 dosimeters, a pair is reported as an individual result and six pairs are reported as the mean result. Results of these tests are described in this report.

Excluded from this report are instrumentation checks. Although instrumentation checks represent an important aspect of the quality assurance program, they are not included as process checks in this report. Instrumentation checks represent between 5-10% of the TLDs processed.

B. QA Program

An internal assessment of dosimetry activities is conducted annually by the Quality Assurance Officer (Reference 1). The purpose of the assessment is to review procedures, results, materials or components to identify opportunities to improve or enhance processes and/or services.

II. PERFORMANCE EVALUATION CRITERIA

A. Acceptance Criteria for Internal Evaluations

1. Bias

For each dosimeter tested, the measure of bias is the percent deviation of the reported result relative to the delivered exposure. The percent deviation relative to the delivered exposure is calculated as follows:

$$\frac{(H'_i - H_i)}{H_i} 100$$

where:

H'_i = the corresponding reported exposure for the i^{th} dosimeter (i.e., the reported exposure)

H_i = the exposure delivered to the i^{th} irradiated dosimeter (i.e., the delivered exposure)

2. Mean Bias

For each group of test dosimeters, the mean bias is the average percent deviation of the reported result relative to the delivered exposure. The mean percent deviation relative to the delivered exposure is calculated as follows:

$$\sum \left(\frac{(H'_i - H_i)}{H_i} \right) 100 \left(\frac{1}{n} \right)$$

where:

H'_i = the corresponding reported exposure for the i^{th} dosimeter (i.e., the reported exposure)

H_i = the exposure delivered to the i^{th} irradiated test dosimeter (i.e., the delivered exposure)

n = the number of dosimeters in the test group

Precision

For a group of test dosimeters irradiated to a given exposure, the measure of precision is the percent deviation of individual results relative to the mean reported exposure. At least two values are required for the determination of precision. The measure of precision for the i^{th} dosimeter is:

$$\left(\frac{(H'_i - \bar{H})}{\bar{H}} \right) 100$$

where:

H'_i = the reported exposure for the i^{th} dosimeter (i.e., the reported exposure)

\bar{H} = the mean reported exposure; i.e., $\bar{H} = \sum H'_i \left(\frac{1}{n} \right)$

n = the number of dosimeters in the test group

3. EDC Internal Tolerance Limits

All evaluation criteria are taken from the "EDC Quality System Manual," (Reference 2). These criteria are only applied to individual test dosimeters irradiated with high-energy photons (Cs-137) and are as follows for Panasonic Environmental dosimeters: $\pm 15\%$ for bias and $\pm 12.8\%$ for precision.

B. QC Investigation Criteria and Result Reporting

EDC Quality System Manual (Reference 2) specifies when an investigation is required due to a QC analysis that has failed the EDC bias criteria. The criteria are as follows:

1. No investigation is necessary when an individual QC result falls outside the QC performance criteria for accuracy.
2. Investigations are initiated when the mean of a QC processing batch is outside the performance criterion for bias.

C. Reporting of Environmental Dosimetry Results to EDC Customers

1. All results are to be reported in a timely fashion.
4. If the QA Officer determines that an investigation is required for a process, the results shall be issued as normal. If the QC results prompting the investigation have a mean bias from the known of greater than $\pm 20\%$, the results shall be issued with a note indicating that they may be updated in the future, pending resolution of a QA issue.
5. Environmental dosimetry results do not require updating if the investigation has shown that the mean bias between the original results and the corrected results, based on applicable correction factors from the investigation, does not exceed $\pm 20\%$.

III. DATA SUMMARY FOR ISSUANCE PERIOD JANUARY-DECEMBER 2022

A. General Discussion

Results of performance tests conducted are summarized and discussed in the following sections. Summaries of the performance tests for the reporting period are given in Tables 1 through 3 and Figures 1 through 4.

Table 1 provides a summary of individual dosimeter results evaluated against the EDC internal acceptance criteria for high-energy photons only. During this period 100% (72/72) of the individual dosimeters, evaluated against these criteria, met the tolerance limits for accuracy and 100% (72/72) met the criterion for precision. A graphical interpretation is provided in Figures 1 and 2.

Table 2 provides the bias and standard deviation results for each group (N=6) of dosimeters evaluated against the internal tolerance criteria. Overall, 100% (12/12) of the dosimeter sets, evaluated against the internal tolerance performance criteria, met these criteria. A graphical interpretation is provided in Figure 3.

Table 3 presents the independent blind spike results for dosimeters processed during this annual period. All results passed the performance acceptance criterion. Figure 4 is a graphical interpretation of Seabrook Station blind co-located station results.

B. Result Trending

One of the main benefits of performing quality control tests on a routine basis is to identify trends or performance changes. The results of the Panasonic environmental dosimeter performance tests are presented in Appendix A. The results are evaluated against each of the performance criteria listed in Section II, namely: individual dosimeter accuracy, individual dosimeter precision, and mean bias.

All of the results presented in Appendix A are plotted sequentially by processing date.

IV. STATUS OF EDC CONDITION REPORTS (CR)

No condition reports were issued during this annual period.

V. STATUS OF AUDITS/ASSESSMENTS

1. Internal

EDC Internal Quality Assurance Assessment was conducted during the fourth quarter 2022. There were no findings identified.

2. External

None.

VI. PROCEDURES AND MANUALS REVISED DURING JANUARY - DECEMBER 2022

Two procedures were reissued with no changes as part of the 5 year review cycle.

VII. CONCLUSION AND RECOMMENDATIONS

The quality control evaluations continue to indicate the dosimetry processing programs at the EDC satisfy the criteria specified in the Quality System Manual. The EDC demonstrated the ability to meet all applicable acceptance criteria.

VIII. REFERENCES

1. EDC Quality Control and Audit Assessment Schedule, 2022.
2. EDC Manual 1, Quality System Manual, Rev. 4, September 28, 2020.

TABLE 1

**PERCENTAGE OF INDIVIDUAL DOSIMETERS THAT PASSED EDC INTERNAL CRITERIA
JANUARY – DECEMBER 2022^{(1), (2)}**

Dosimeter Type	Number Tested	% Passed Bias Criteria	% Passed Precision Criteria
Panasonic Environmental	72	100	100

⁽¹⁾This table summarizes results of tests conducted by EDC.

⁽²⁾Environmental dosimeter results are free in air.

TABLE 2

**MEAN DOSIMETER ANALYSES (N=6)
JANUARY – DECEMBER 2022^{(1), (2)}**

Process Date	Exposure Level	Mean Bias %	Standard Deviation %	Tolerance Limit +/-15%
4/25/2022	43	1.2	1.8	Pass
4/27/2022	62	6.2	1.0	Pass
5/05/2022	99	2.3	0.7	Pass
7/26/2022	34	-2.6	1.2	Pass
7/27/2022	81	0.6	1.7	Pass
8/07/2022	107	-3.5	0.7	Pass
10/27/2022	52	1.8	0.9	Pass
11/02/2022	76	2.0	0.9	Pass
11/07/2022	27	7.0	0.7	Pass
01/24/2023	38	1.5	1.7	Pass
01/26/2023	115	-0.3	2.0	Pass
02/14/2023	49	2.3	4.0	Pass

⁽¹⁾This table summarizes results of tests conducted by EDC for TLDs issued in 2022.

⁽²⁾Environmental dosimeter results are free in air.

TABLE 3

**SUMMARY OF INDEPENDENT DOSIMETER TESTING
JANUARY – DECEMBER 2022^{(1), (2)}**

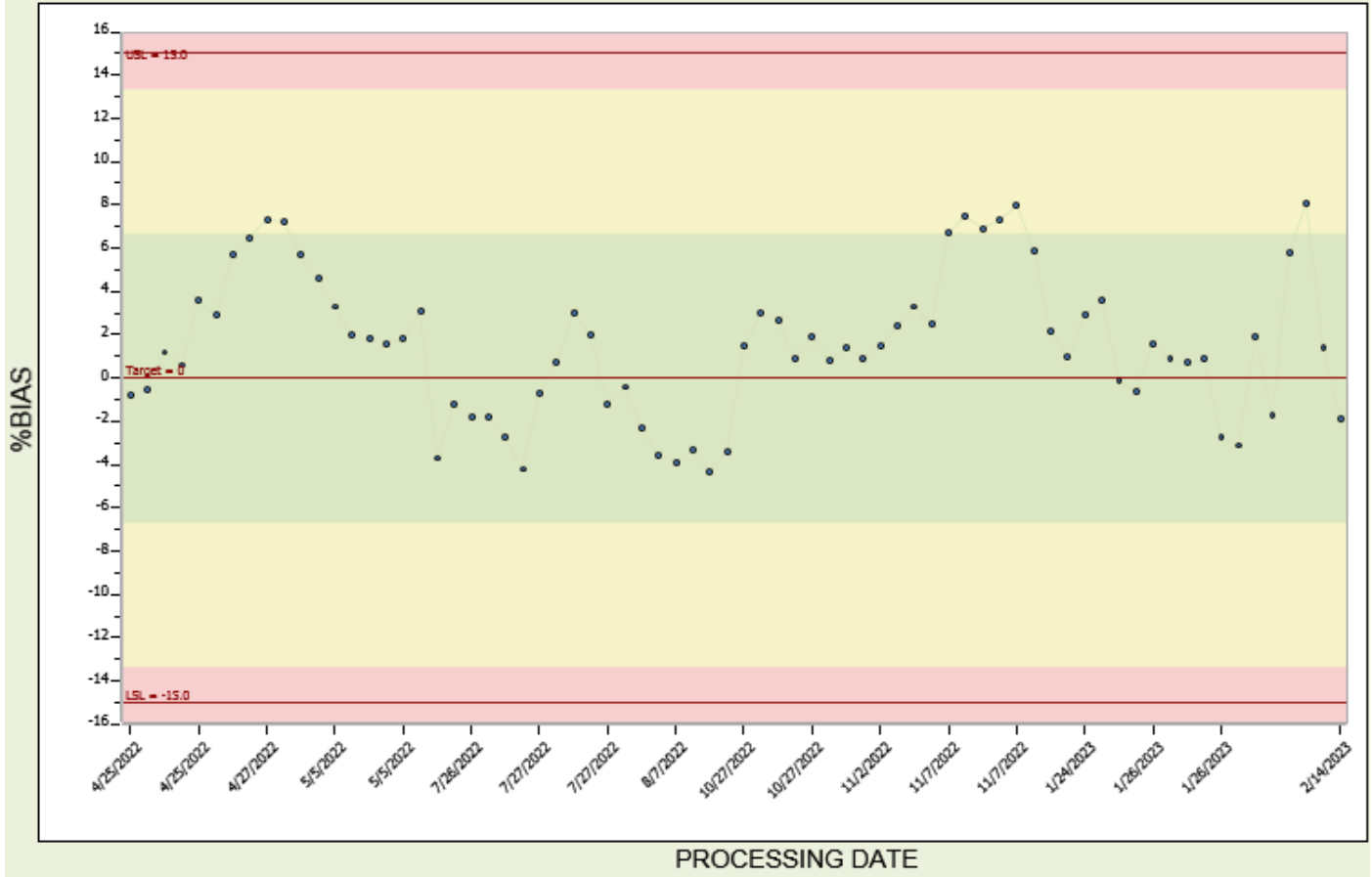
Issuance Period	Client	Mean Bias %	Standard Deviation %	Pass / Fail
1 st Qtr. 2022	Millstone	-0.6	0.6	Pass
2 nd Qtr. 2022	Millstone	-3.9	1.0	Pass
3 rd Qtr. 2022	Millstone	0.1	0.5	Pass
4 th Qtr. 2022	Millstone	-2.6	1.2	Pass
4 th Qtr. 2022	PSEG(PNNL) 48mR	1.1	1.5	Pass
4 th Qtr. 2022	PSEG(PNNL) 95mR	0.7	0.3	Pass
4 th Qtr. 2022	PSEG(PNNL) 143mR	2.3	0.8	Pass
4 th Qtr. 2022	PSEG(PNNL) 190mR	1.4	0.8	Pass
4 th Qtr. 2022	SONGS	-5.6	1.1	Pass

⁽¹⁾Performance criteria are +/- 15%.

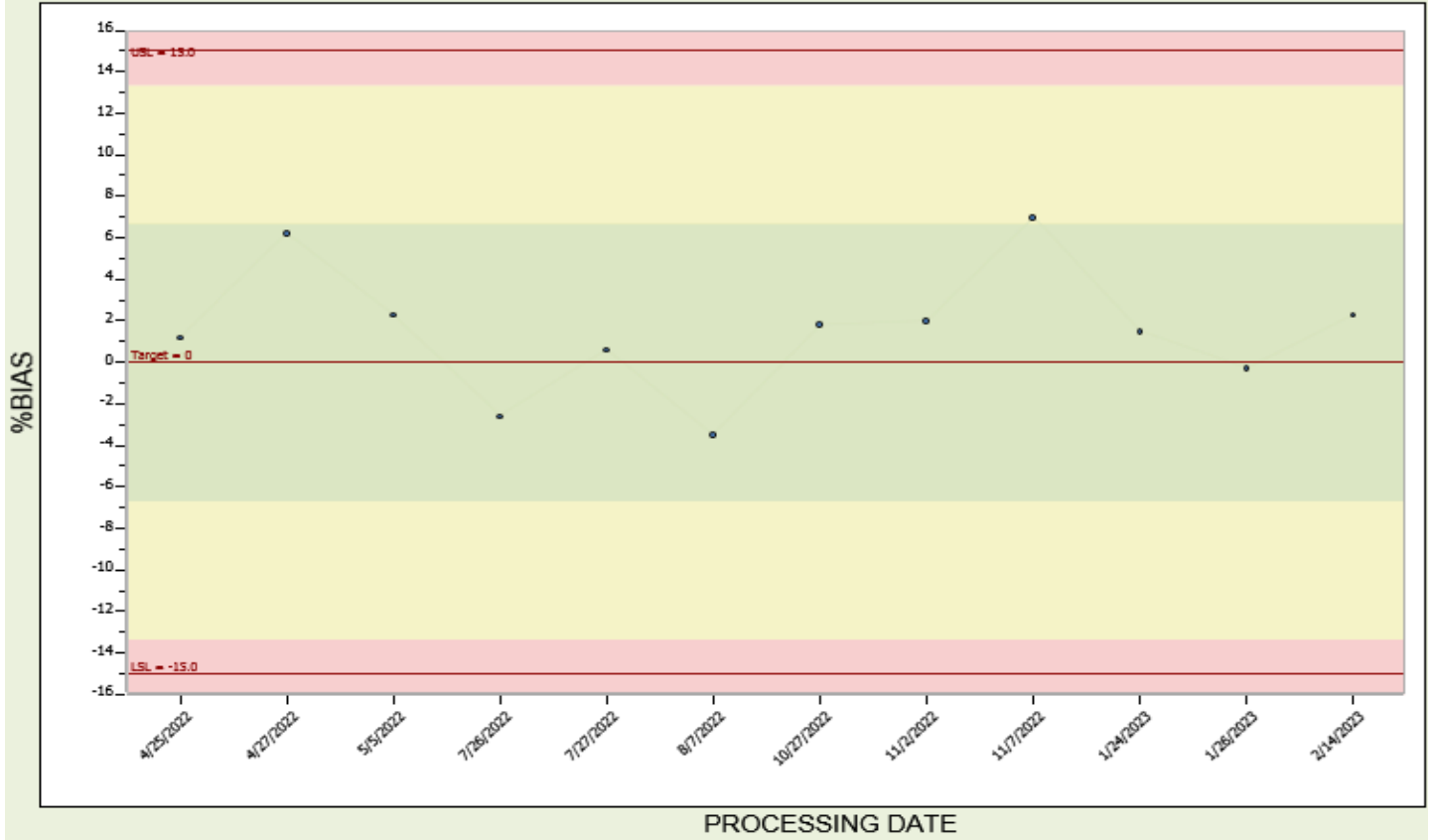
⁽²⁾Blind spike irradiations using Cs-137

APPENDIX A
DOSIMETRY QUALITY CONTROL TRENDING GRAPHS
ISSUE PERIOD JANUARY - DECEMBER 2022

INDIVIDUAL ACCURACY ENVIRONMENTAL
FIGURE 1



MEAN ACCURACY ENVIRONMENTAL
FIGURE 3



SEABROOK CO-LOCATE ACCURACY
FIGURE 4

