April 30, 2026
L-2026-083
10 CFR 50.36a

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

Re: Seabrook Station
Docket No. 50-443
Renewed Facility Operating License NPF-86

2025 Annual Radiological Environmental Operating Report

Pursuant to the requirements of 10 CFR 50.36a and Seabrook Station Technical Specification 6.8.1.3, NextEra Energy Seabrook, LLC submits the 2025 Annual Radiological Environmental Operating Report. The report summarizes the implementation of the NextEra Energy Seabrook, LLC Radiological Environmental Monitoring Program (REMP). Enclosure 1 to the report is the complete data set for the REMP samples.

A copy of this report is also being provided to the Commonwealth of Massachusetts, Department of Public Health, and the State of New Hampshire, Bureau of Radiological Health.

Should you have any questions regarding this submission, please contact Maribel Valdez, Fleet Licensing Manager, at 561-904-5164.

Sincerely,

Kenneth A. Mack
Director, Licensing and Regulatory Compliance

NEXTera ENERGY SEABROOK

April 30, 2026
L-2026-083
10 CFR 50.36a

Enclosure 1

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Enclosure 1
ANNUAL RADIOLOGICAL ENVIORNMENTAL OPERATING REPORT
(282 pages follow)

NEXTera ENERGY SEABROOK

2025 Annual Radiological Environmental Operating Report



April 2026

103-4209-000

SEABROOK STATION

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

For the Period

January - December 2025

Docket No. 50-443

Prepared By:

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David Robinson, NextEra Energy Seabrook, LLC

SEABROOK STATION

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

For the Period

January - December 2025

April 2026

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Prepared By:

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EXECUTIVE SUMMARY

Both the plant operations and Dry Fuel Storage Radiological Environmental Monitoring Programs (REMP) for Seabrook Station operated successfully for the period of January through December 2025. This report describes the REMP and its implementation as required by Technical Specifications and as defined in the Offsite Dose Calculation Manual (ODCM). It also contains analytical results, data evaluation, dose assessment (as needed), and data trends for each environmental sample medium. Also included are the results of the Land Use Census, historical data, and the environmental laboratory performance in the Quality Assurance Inter-Comparison Program required by the ODCM.

Radioactivity levels in the vicinity of Seabrook Station from January 1 through December 31, 2025 in air, water, sediment, milk, fish, food crops, and vegetation, as well as direct radiation measurements have been analyzed, evaluated, and summarized. The results of the REMP are intended to supplement the results of the radiological effluent monitoring by verifying that any measurable concentration of radioactive materials and levels of radiation are not higher than expected on the basis of the effluent measurement and modeling of the environmental exposure pathways.

Radiation and radioactivity in the environment is monitored within a 10-mile radius of the site. Two types of samples are taken. The first type, control samples, is collected from areas that are beyond measurable influence of Seabrook Station. These samples are used as reference data. Normal background radiation levels, or radiation present due to causes other than Seabrook Station, can thus be compared to the environment surrounding the nuclear power station. Indicator samples are the second sample type obtained. These samples show how much measurable radiation or radioactivity (if any) is contributed to the environment by the site. Indicator samples are taken from areas close to the station where any plant contribution will be at the highest potential concentration. The ODCM minimum required plant operations REMP included the collection for 2025 of at least 576 samples, with a total of 2416 individual measurement analyses. In 2025, the total number of sample analysis sets (both required and non-required) equaled 827 taken from 97 locations around Seabrook Station. These were collected from aquatic, atmospheric, and terrestrial environments. An estimated 5094 individual measurement analyses were performed on these samples. The plant operations radiological environmental monitoring program is outlined in Table 2.0-1. Radiation environmental monitoring associated with Dry Fuel Storage (DFS) in 2025 included an additional 18 TLD direct radiation measurements beyond those listed as being part of the REMP. The DFS environmental monitoring program is shown on Table 4.0-1.

Prior to station operation, samples were collected and analyzed to determine the amount of radioactivity present in the area. The resulting values are used as a "pre-operational baseline." Current analysis results from the indicator samples are compared to both current control sample values and the pre-operational baseline to determine if changes in radioactivity levels are attributable to station operations.

A report is required to be submitted to the Nuclear Regulatory Commission when the level of radioactivity as a result of plant operations in an environmental sampling medium at a specified location exceeds the reporting level limits specified in the ODCM when averaged over any calendar quarter. Also, when more than one of the radionuclides is detected in the sampling medium, this report shall be submitted if:

$$\frac{\text{Concentration (1)}}{\text{Limit Level (1)}} + \frac{\text{Concentration (2)}}{\text{Limit Level (2)}} + \ldots \geq 1.0$$

Based on the analytical results of environmental samples during 2025, Seabrook Station reporting levels were not exceeded.

All off-site radioactivity detected was attributable to either naturally-occurring radionuclides, previous nuclear weapons tests, the Fukushima Daiichi nuclear accident in Japan on March 11, 2011, or other man-made sources.

In 2025, the maximum whole body dose to the hypothetically exposed individual due to Seabrook Station effluents and operations was estimated to be 0.164 mrem. This whole body dose is the sum of all the exposure pathways for liquid and gaseous effluents, plus the direct whole body dose from station sources. This total represents approximately 0.66% of the whole body dose limits for a member of the public as set forth in 40CFR190.

The average effective dose per individual in the U.S. population from ubiquitous or background radiation sources is about 3.11 mSv/yr (311 mrem/yr), with another 3.00 mSv/yr (300 mrem/yr) resulting from medical procedures and imaging (NCRP Report No. 160, "Ionizing Radiation Exposure of the Population of the United States" (2009)). The estimate for natural background includes radon gas which has always been present but has not always been included in previous estimates. In some regions of the country, the amount of natural radiation is significantly higher. Residents of Colorado, for example, receive an additional 60 mrem/yr due to the increase in cosmic and terrestrial radiation levels. In fact, for every 100 feet above sea level, a person will receive an additional 1 mrem/yr from cosmic radiation. In several regions of the world, naturally high concentrations of uranium and radium deposits result in doses of several thousand mrem/yr to their residents (CRC Handbook. "Radioecology: Nuclear Energy and the Environment", F. Ward Whicker and Vincent Schultz, Volume I, 1982).

Analytical results are divided into four categories based on exposure pathways: Airborne, direct radiation, ingestion, and waterborne. Each of these pathways is described below:

- The airborne exposure pathway includes airborne iodine and airborne particulate. The 2025 results were similar to previous years, excluding the Fukushima Daiichi event in 2011. There was no notable increase in natural products and no detectable fission products or other plant-related radionuclides in the airborne particulate media during the year.

- The direct exposure pathway measures environmental radiation exposures by use of thermoluminescent dosimeters (TLDs). TLD results have indicated a trend that compares with previous years which reflect the natural variability of background radiation from one location to another. The exposure rate response at some individual monitoring stations has exhibited step changes at some point in the past that appear to be related to changes in local conditions in the area of the dosimeter measurement. These step observations have been noted at various locations (both control and indicator stations) with no correlation with distance from Seabrook Station, leading to the conclusion that the changes in local TLD responses are not related to Seabrook operations. As a result, no detectable radiation contribution from Seabrook Station sources was identified via TLD environmental measurements off-site during the course of 2025 from either plant operations or from the spent fuel in the Dry Fuel Storage Facility.

- The ingestion exposure pathway includes milk, fish, shellfish, terrestrial food products and leafy vegetation samples. The gamma spectroscopy analyses indicated the most prominent positive results were for potassium-40 (K-40) at average environmental levels. Other naturally-occurring radionuclides were also periodically detected. However, past world-wide nuclear events such as atmospheric testing of nuclear weapons and the Fukushima Daiichi nuclear accident did result in detectable fallout of fission related radioactivity (Cs-137) in milk. Neither fish, shellfish, nor terrestrial food products (strawberries, apples, green beans, and tomatoes) had any detectable fission product related radioactivity. No radionuclides related to plant effluents were detected in any of these sample media during 2025. For the one fission product (Cs-137) detected in milk, the concentration falls within the range of past and pre-operational measurements and can be attributed to past weapons testing fallout.

- The waterborne exposure pathway includes surface (ocean) water, drinking water supply, shallow well water, sea algae (Irish Moss) and sediment. Water samples were analyzed for tritium, gross-beta and gamma-emitting radionuclides. Irish Moss was analyzed for gamma-emitting radionuclides. Tritium was not identified in the water samples analyzed. For groundwater, the gross beta activity detected at all locations is similar to what was detected in the pre-operational program and is consistent with results from previous years of commercial operations. Gamma analysis of samples indicated no plant-related gamma-emitting radionuclides above detection limits.

The results of the 2025 REMP continue to clearly demonstrate that there is no significant short term or chronic long-term radiological impact on the environment in the vicinity of Seabrook Station from plant operations and that there is no detectable impact to members of the public associated with the DFS facility. The REMP monitoring did detect local area fallout related to past global nuclear events, such as atmospheric weapons testing and the Japanese nuclear accident in March 2011, thereby demonstrating the sensitivity and capability of the REMP to detect low level radiological changes in the environment and the likely source. The

REMP confirmed that plant effluents in 2025 did not contribute measurable radiation exposure to the general public. This finding is consistent with previous years' monitoring conclusions. As a result, no increasing or changing trends in plant related radiological impacts on the environment are found.

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ANNUAL RADIOLOGICAL ENVIRONMENTAL
OPERATING REPORT

1.0 INTRODUCTION

NextEra Energy Seabrook, LLC's Radiological Environmental Monitoring Program (REMP) consists of two interconnected sample collection and measurement schedules that look for environmental influences from: (1) plant operations which release to the environment radioactive materials in liquid and gaseous effluents, and direct radiation from plant facilities inside the power block Protected Area, and (2) direct radiation from used fuel placed in the Dry Fuel Storage (DFS) facility located in the West Southwest sector approximately 0.38 miles from the Containment Building. Several monitoring locations provide data that are shared or used in the assessment of both plant and DFS operations.

The plant operations REMP at Seabrook Station has been designed and carried out to achieve the following specific objectives:

- To provide an indication of the appearance or accumulation of any radioactive material in the environment caused by the operation of the nuclear power station.
- To provide assurance to regulatory agencies and the public that the station's environmental impact is known and within anticipated limits.
- To verify the adequacy and proper functioning of station effluent controls and monitoring systems.
- To provide standby monitoring capability for rapid assessment of risk to the general public in the event of unanticipated or accidental releases of radioactive material.

In July 2008, the plant operations REMP was supplemented with the DFS environmental monitoring for gamma and neutron direct radiation when used nuclear fuel assemblies were for the first time transferred to the on-site DFS facility located WSW of the power block.

NextEra Energy Seabrook, LLC staff collected the terrestrial samples. Normandeau Associates, Inc. collected the marine and sediment samples. After initial sample preparation for shipment, the samples were sent to GEL Laboratories, Inc. of Charleston, SC for analysis. The Environmental Dosimetry Company located in Sterling, MA processed the environmental TLDs for the entire year.

This report is a summary of the findings of the REMP for 2025. It is being provided in compliance with Part A of Seabrook Station's ODCM and Technical Specification 6.8.1.3.

2.0 PLANT OPERATIONS ENVIRONMENTAL MONITORING PROGRAM

Table 2.0-1 outlines the plant operations monitoring program as specified in the Seabrook Station ODCM, Part B, Section 4. Table 2.0-2 lists the operational sampling stations and their specific locations (distances are measured from the center of the Unit 1 Containment Building). The sampling locations are shown on maps in Figures 2.1 through 2.6. The sampling and analysis program as described above fulfills the minimum requirements for environmental sample collection and analysis as contained in ODCM Table A.9.1-1 and includes additional sampling of various pathways and locations beyond the minimum requirements.

Below are listed the two-letter media codes and what they represent:

AP	Air Particulate
CF	Charcoal Filter
TM	Milk
WG	Ground Water
WS	Surface (Sea) Water
SE	Sediment
FH	Fish
HA	Lobsters
MU	Mussels (Shellfish – edible portion only)
MS	Mussels (Shellfish – shell portion only)
TL	Direct Radiation (TLD)
AL	Irish Moss (algae)
TF	Food Crop
TG	Vegetation (broad-leaf)

Table 2.0-1

Plant Operations Radiological Environmental Monitoring Program

Media	Sampling Frequency	Required Analyses
Air Particulate (AP)	-Bi-Weekly -Quarterly Composite	Gross Beta Gamma spectroscopy
Charcoal Filter (CF)	-Bi-Weekly	I-131
Milk (TM)*	-Monthly (Semimonthly when animals are on pasture)	Gamma spectroscopy I-131
Surface (Sea) Water (WS)	-Monthly -Quarterly Composite	Gamma spectroscopy H-3 (composite)
Sediment (SE)	-Semiannually	Gamma spectroscopy
Fish & Invertebrates (FH, HA, MU)	-Quarterly or -Semiannually	Gamma spectroscopy
Direct Radiation (TL)	-Quarterly	Integrated gamma exposure and integrated neutron exposure for DFS locations
Irish Moss (AL)	-Semiannually	Gamma spectroscopy
Ground Water (WG)	-Quarterly	Gamma spectroscopy Gross Beta H-3
Food Crops (TF)	-Monthly/Growing Season	Gamma spectroscopy
Vegetation(TG)	-Monthly/Growing Season	Gamma spectroscopy I-131

* Note that broad leaf vegetation is substituted for milk due to insufficient number of required milk sampling locations in the site area.

Table 2.0-2

Plant Operations Radiological Environmental Monitoring Locations[a] [b]
2025

Station Code (Media - Sta. No.)	Station Description	Zone	Approx. Distance From Plant (km)	Direction From Plant
AP/CF-01+	PSNH Barge Landing Area	1	2.6	ESE
AP/CF-02+	Hampton Marina (Harbor Rd)	1	2.5	E
AP/CF-03+	Southwest Boundary (Rock Pile)	1	1.0	SW
AP/CF-04+	West Boundary (Plate Yard)	1	1.2	W
AP/CF-05	Winnacunnet High School	1	4.0	NNE
AP/CF-07+	PSNH Substation	1	5.7	NNW
AP/CF-08	E&H Substation	1	3.4	SSE
AP/CF-09+	Georgetown Electric Light Co.	2	21.4	SSW
TM-15	Hampton Falls, NH	1	6.9	NW
WG-01	Seabrook Town Wells	1	5.6	W
WG-13	Seabrook Station Well No.13	1	1.0	N
WG-14	Brimmer's Lane	1	1.3	NNW
WS-01+	Hampton-Discharge Area	1	5.1	E
WS-51+	Ipswich Bay	2	26.2	SSE
WS-10 *	Seabrook Marsh	1	0.18	SSE
SE-02	Hampton-Discharge Area	1	5.2	E
SE-07	Hampton Beach	1	3.3	E
SE-08+	Seabrook Beach	1	3.3	ESE
SE-52	Ipswich Bay	2	26.2	SSE
SE-57	Plum Island Beach	2	22.4	SSE
FH-03+	Hampton-Discharge Area	1	5.0	ESE
FH-53+	Ipswich Bay	2	23.3	SSE
FH-06	Hampton-Discharge Area	1	5.2	E
HA-04+	Hampton-Discharge Area	1	5.1	E
HA-54+	Ipswich Bay	2	27.9	SSE
MU-06+	Hampton-Discharge Area	1	5.2	E
MU-09	Hampton Harbor	1	2.5	E
MU-56+	Ipswich Bay	2	28.6	SSE
MU-59	Plum Island	2	22.0	SSE
MS-06	Hampton-Discharge Area	1	5.2	E
MS-56	Ipswich Bay	2	28.6	SSE
AL-05	Hampton-Discharge Area	1	5.2	E
AL-55	Ipswich Bay	2	28.7	SSE
TF-02	Hampton Falls, NH	1	5.0	WNW
TF-03	Salisbury, MA	1	5.1	SW
TF-06	Ipswich, MA	2	26.0	S

Table 2.0-2 (Cont'd)

Plant Operations Radiological Environmental Monitoring Locations[a] [b]
2025

Station Code (Media - Sta. No.)	Station Description	Zone	Approx. Distance From Plant (km)	Direction From Plant
TG-08+	North Access Rd, Site Boundary	1	1.05	W
TG-09+	General Office Bld. Site Boundary	1	0.97	SW
TG-10+	Georgetown Electric Light Co.	2	21.4	SSW
TL-01+	Brimmer's Lane, Hampton Falls	I	0.97	N
TL-02+	Landing Road, Hampton	I	3.0	NNE
TL-03+	Glade Path, Hampton Beach	I	2.9	NE
TL-04+	Island Path, Hampton Beach	I	2.3	ENE
TL-05+	Harbor Road, Hampton Beach	I	2.5	E
TL-06+	PSNH Barge Landing Area	I	2.7	ESE
TL-07+	Cross Road, Seabrook Beach	I	2.6	SE
TL-08+	Farm Lane, Seabrook	I	1.3	SSE
TL-09+	Farm Lane, Seabrook	I	1.3	S
TL-10+	Site Boundary Fence	I	1.1	SSW
TL-11+	Site Boundary Fence	I	1.0	SW
TL-12+	Site Boundary Fence	I	1.2	WSW
TL-13+	Inside Site Boundary	I	1.2	W
TL-14+	Trailer Park, Seabrook	I	1.3	WNW
TL-15+	Brimmer's Lane, Hampton Falls	I	1.4	NW
TL-16+	Brimmer's Lane Hampton Falls	I	1.2	NNW
TL-17+	South Road, North Hampton	0	7.8	N
TL-18+	Mill Road, North Hampton	0	7.6	NNE
TL-19+	Appledore Avenue, North Hampton	0	7.7	NE
TL-20+	Ashworth Avenue, Hampton Beach	0	3.2	ENE
TL-21+	Route 1A, Seabrook Beach	0	3.7	SE
TL-22+	Cable Avenue, Salisbury Beach	0	7.6	SSE
TL-23+	Ferry Road, Salisbury	0	8.1	S
TL-24+	Ferry Lots Lane, Salisbury	0	7.2	SSW
TL-25+	Elm Street, Amesbury	0	7.6	SW
TL-26+	Route 107A, Amesbury	0	8.1	WSW
TL-27+	Highland St. S. Hampton	0	7.5	W
TL-28+	Rte. 150, Kensington	0	7.5	WNW
TL-29+	Frying Pan Ln., Hampton Falls	0	7.2	NW
TL-30+	Route 27, Hampton	0	7.6	NNW

Table 2.0-2 (Cont'd)

Plant Operations Radiological Environmental Monitoring Locations[a] [b]
2025

Station Code (Media - Sta. No.)	Station Description	Zone	Approx. Distance From Plant (km)	Direction From Plant
TL-31+	Alumni Drive, Hampton	S	3.8	NNE
TL-32+	Seabrook Elementary School	S	2.0	S
TL-33+	Dock Area, Newburyport	S	9.8	S
TL-34+	Bow Street, Exeter	S	12.0	NW
TL-35+	Lincoln Ackerman School	S	2.3	NNW
TL-36+	Route 97, Georgetown	2	22.6	SSW
TL-37+	Post Office Plaistow, NH	2	21.5	WSW
TL-38+	Emerson St. Hampstead, NH	2	27.7	W
TL-39+	Fremont, NH	2	27.0	WNW
TL-40+	Newmarket, NH	2	21.6	NNW
TL-41	Portsmouth, NH	2	21.0	NNE
TL-42	Ipswich, MA	2	22.8	SSE
TL-44	Education (Science & Nature) Center	S	0.6	SW
TL-45	Hampton Fire Station	S	4.4	NE
TL-46	Seabrook Beach (near Police Station)	S	2.8	ESE
TL-47	Hampton Falls, NH	S	4.1	WNW

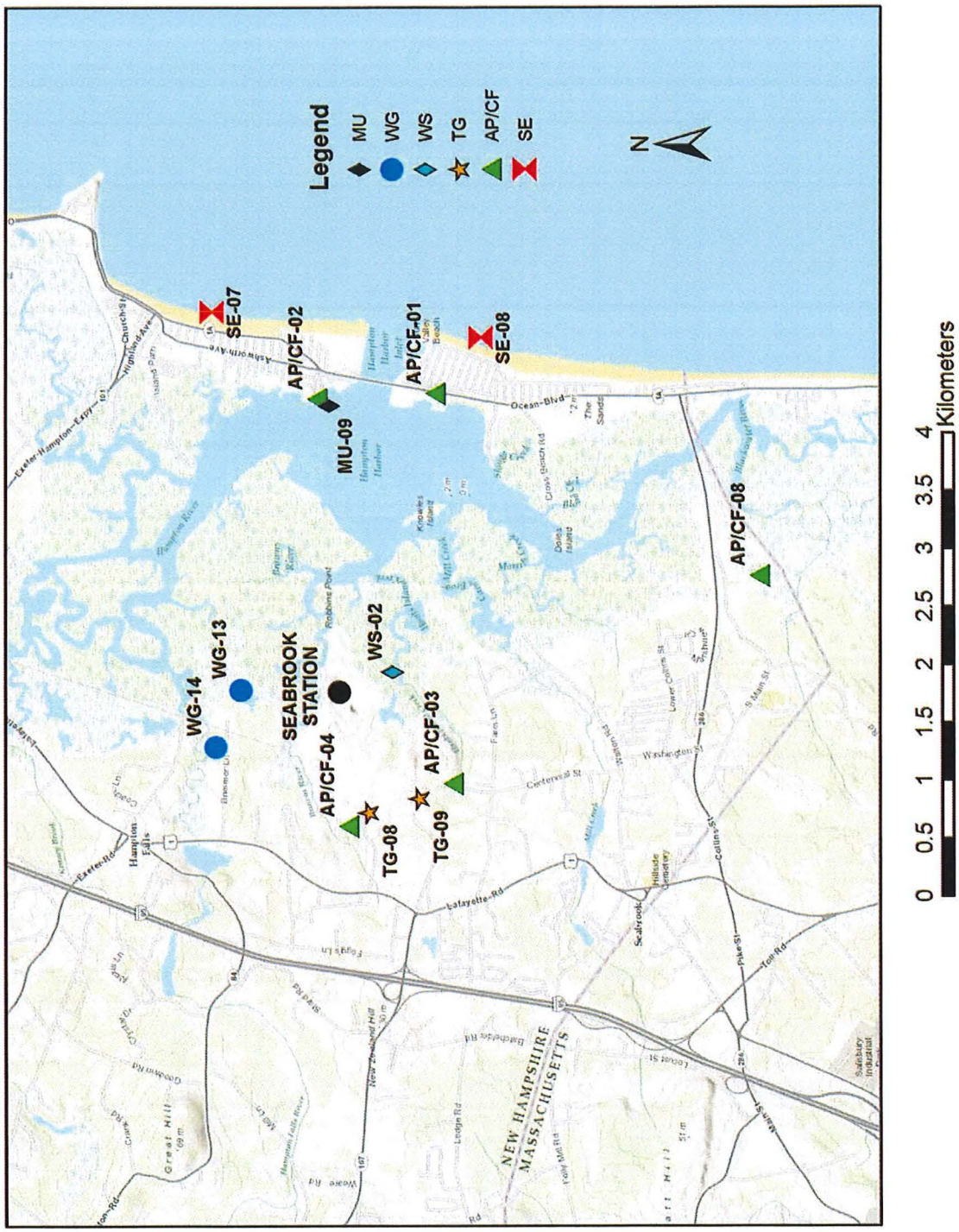
Zone indices are: 1 = Indicator Stations; 2 = Control Stations; 0 = Outer Ring TLD; I = Inner Ring TLD; S = Special Interest TLD

+ = Sample Locations required by the Off-Site Dose Calculation Manual (ODCM)
* Note that WS-10 is the same location as WS-02 reported in previous reports.

(a) Dry Fuel Storage (DFS) locations are listed on Table 4.0-1.

(b) Table reflects those locations included in the 2025 sample collection program.

Figure 2.1 Radiological Environmental Monitoring Locations Within 4 Km of Seabrook Station



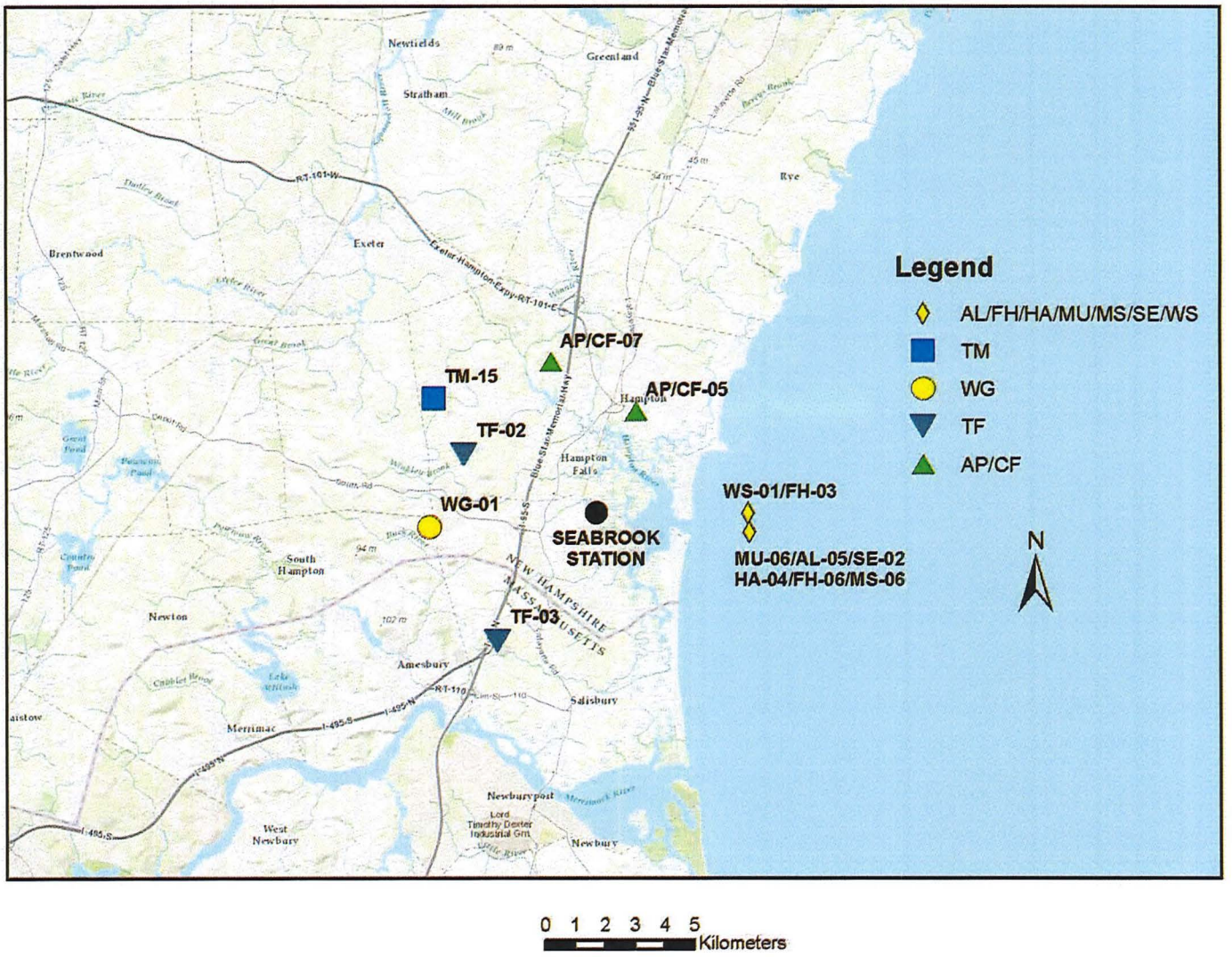


Figure 2.2 Radiological Environmental Monitoring Locations Between 4 & 12 Km of Seabrook Station

Figure 2.3 Radiological Environmental Monitoring Locations Outside 12 Km of Seabrook Station

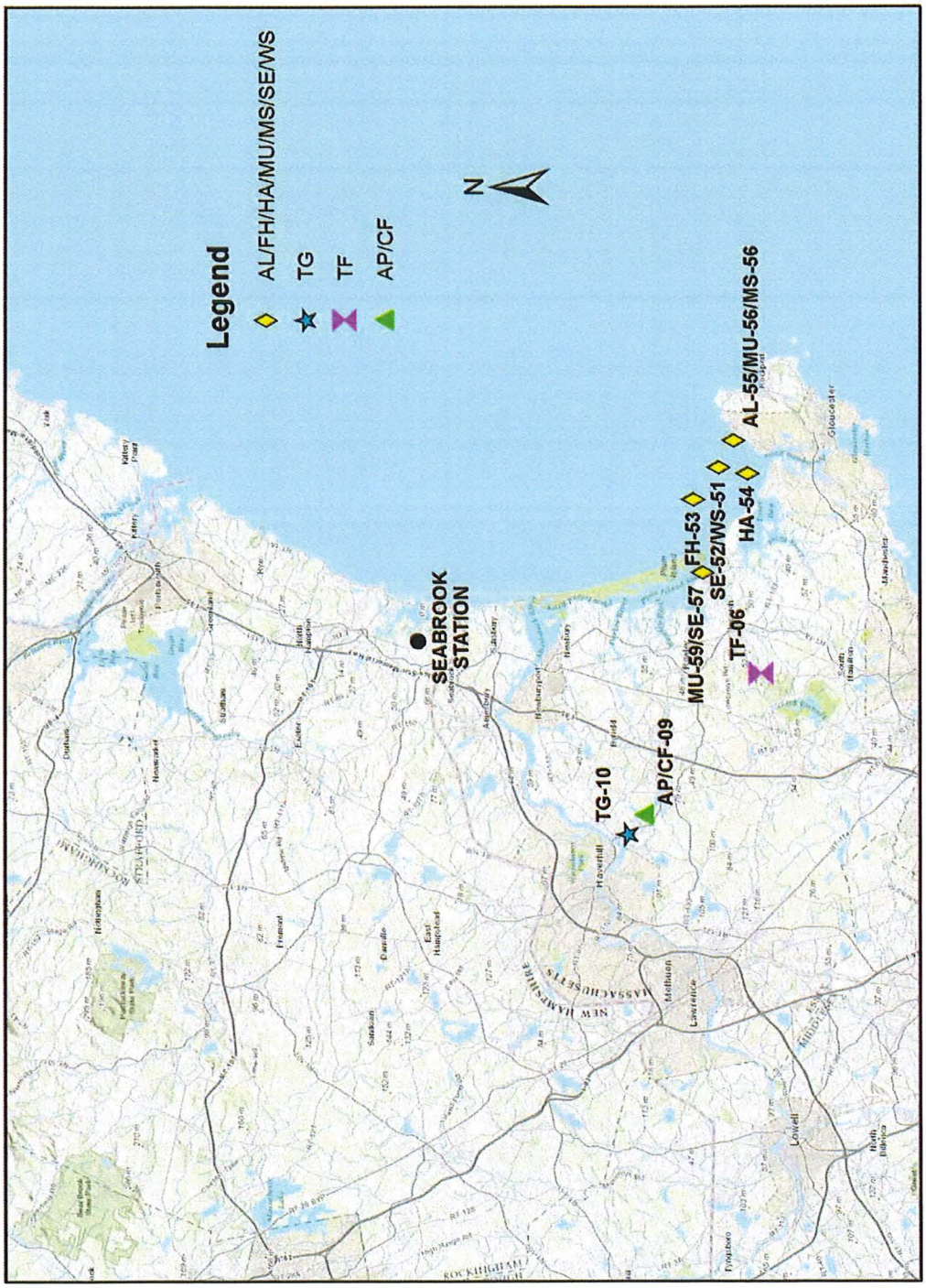


Figure 2.4 Direct Radiation Monitoring Locations Within 4 Km of Seabrook Station

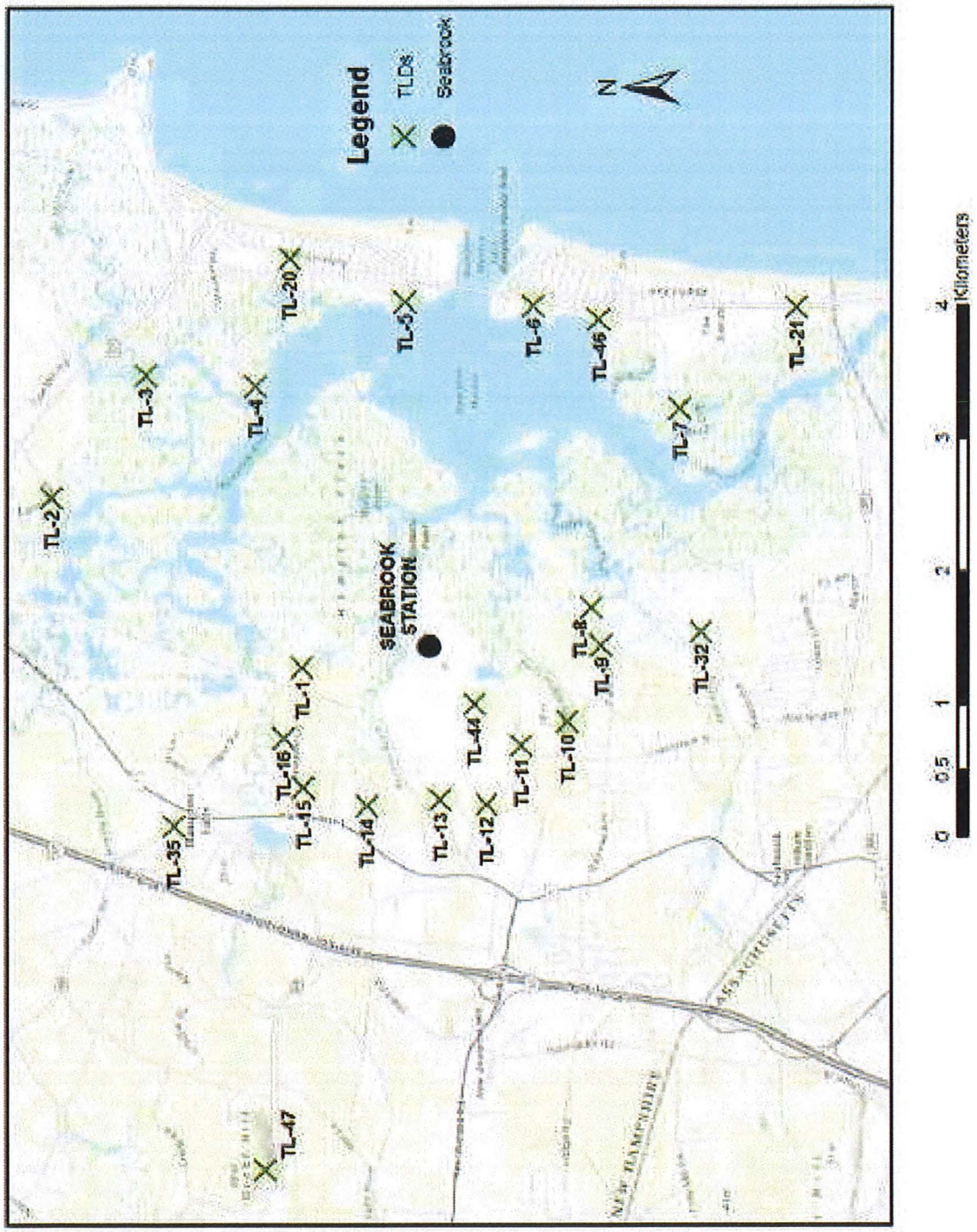


Figure 2.5 Direct Radiation Monitoring Locations Between 4 & 12 Km of Seabrook Station

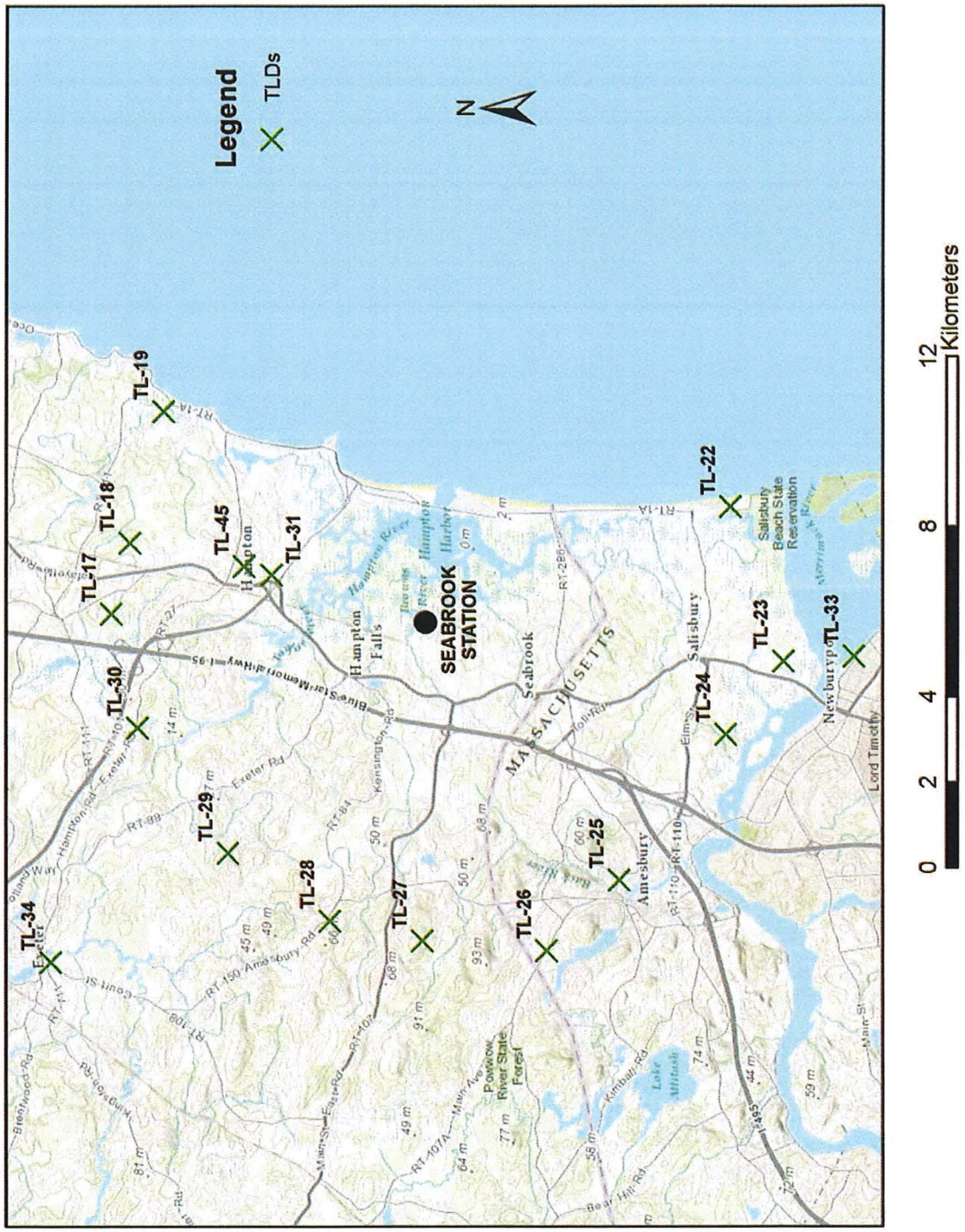
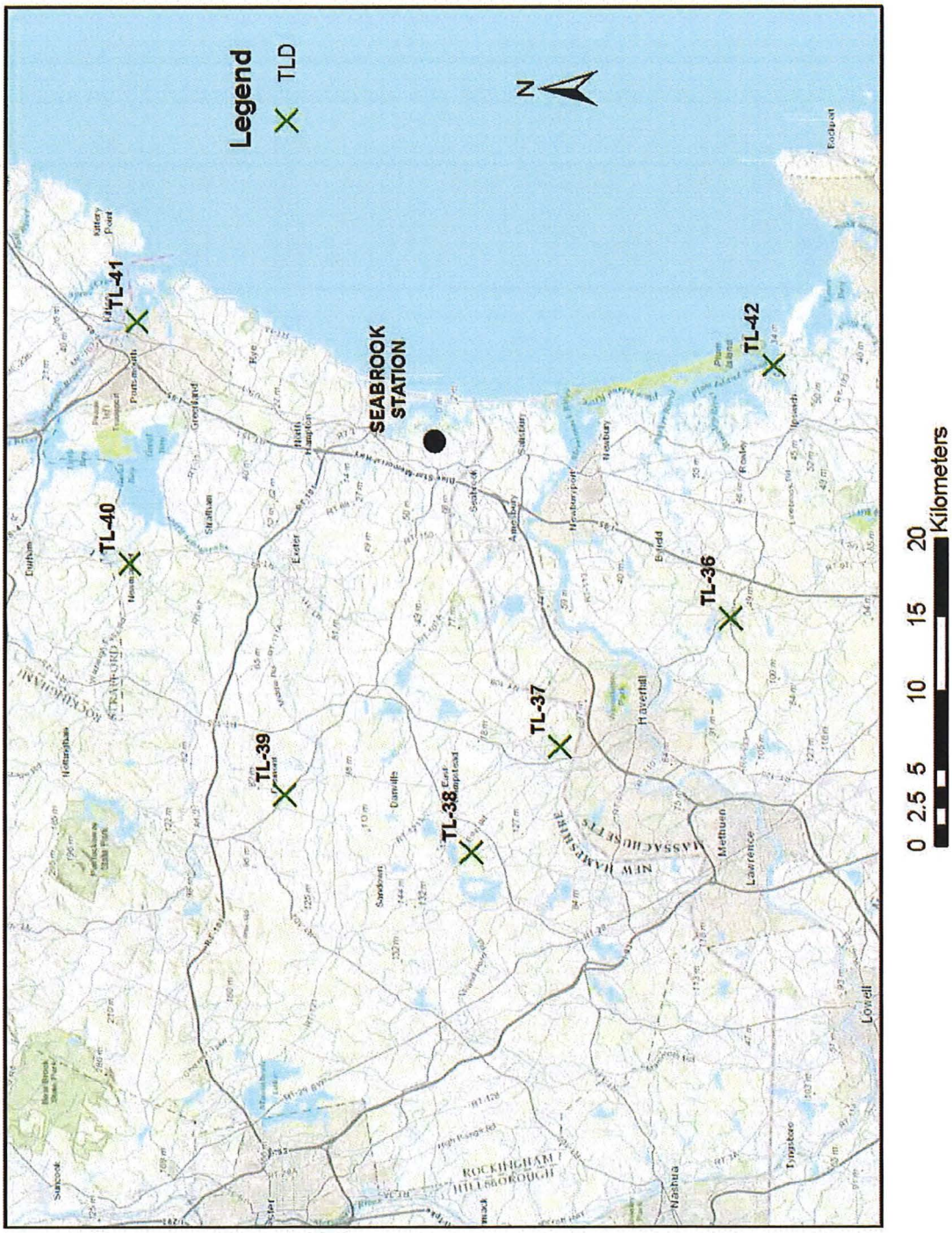


Figure 2.6 Direct Radiation Monitoring Locations Outside 12 Km of Seabrook Station



3.0 SUMMARY of PLANT OPERATIONS RADIOLOGICAL ENVIRONMENTAL MONITORING DATA

The following pages summarize the analytical results of the plant operations environmental samples collected in 2025. Each environmental media category is presented as a separate subsection. A table that summarizes the data follows a discussion of the sampling requirements and results for each media type. Listed at the top of each table are the units of measurement for each medium. The left-hand column contains the radionuclide which is being reported, total number of analyses of that radionuclide, and the number of measurements that exceed the required reporting level as documented in Table A.9.1-3 of the ODCM. The latter are classified as "non-routine" measurements. The next column lists the Lower Limit of Detection (LLD) for those radionuclides that have detection capability requirements specified in the ODCM.

Those sampling stations which are adjacent to the plant and which could conceivably be affected by the operation of Seabrook Station are called "Indicator" or "Zone 1" stations. Distant stations, which are beyond potential plant influences, are called "Control" or "Zone 2" stations.

A set of statistical parameters is calculated for each radionuclide. This set of statistical parameters includes separate analyses for (1) the indicator stations, (2) the station having the highest annual mean concentration for that radionuclide, and (3) control stations. For each of the three groups of data, these parameters are as follows:

- The mean value of all concentrations,
- The range of values and
- The number of positive measurements (a concentration which is greater than the MDC for the measurement) divided by the total number of measurements.

Each radioactivity measurement datum in this report is based on a single measurement and is reported as a concentration plus or minus a one standard deviation uncertainty. The quoted uncertainty term represents only the random uncertainty associated with the radioactive decay process (counting statistics), and not the propagation of all possible uncertainties in the analytical procedure.

Attachment 1 contains the data for the samples collected in 2025. The results are organized as follows: (1) by sample type; (2) within each sample type the data are alphabetical by nuclide; and (3) within each radionuclide listing the data are chronologically arranged by end date (date of sample collection).

The radionuclide value concentrations have been corrected for radioactive decay. For composite samples, such as air particulates and airborne iodine, the GEL laboratory uses the mid-point of the collection period as the reference for decay correction until time of analysis.

3.1 Air Particulate

Air monitoring stations were established at a total of eight locations, six locations required by the ODCM, Table A.9.1-1, and two additional sites included to supplement the program. Seven of the locations are indicators, while the remaining one is a control station located more than 21 km away from the plant.

Airborne particulates (AP) are collected by passing the air through a glass-fiber filter. In 2025, these filters were typically collected bi-weekly and held for a period (typically 100 hours or more) before being analyzed for gross-beta activity (indicated as BETA in Table 3.1-1) to allow for the decay of Radon and Thoron daughter products. Continuous automated and real-time remote monitoring of vital air sampling system parameters is performed with telemetry that detects power outages, pump failures, filter degradation, tubing failures and excessive filter loading. The telemetry communicates by cellular transmission to a web server that communicates to a shift technician's pager when set-point thresholds are reached, providing 24/7 alert notification. This capability provides for timely identification of problems and corrective actions that reduce the potential loss of air sampling. If periods of high dust loading during the collection period cause a higher than normal differential pressure drop across the collection filters, the collection period may be reduced to weekly cycles to reduce the dust loading. There were no recorded collection cycle reductions due to dust loading in 2025. For the year, 207 particulate filters were collected and analyzed for gross beta activity.

The 2025 gross beta activity analyses for the indicator locations were found to be statistically equivalent to that seen at the control station (positive activity for all samples). The gross beta results are also similar to what was seen in the pre-operational program and for the last thirty years of commercial operation, with the exception of the Fukushima Daiichi related spike in 2011. All filter samples from all stations showed similar trends lines (see Figure 3.1) over the course of the year and from previous years (see Figures 3.1.1, 3.1.2, and 3.1.3). Figure 3.1.4 compares the quarterly average gross beta response of all indicator air sampling stations to the control location over the last 30 years and shows no significant difference in the two data sets. It is also noted that no plant-related radionuclides (by gamma spectroscopy) were identified in any of the quarterly filter composite samples for 2025. The overall fluctuations at all stations seen in the gross beta activity throughout the year can be attributed to changes in environmental conditions unrelated to plant operations. Natural environmental processes such as wind direction, precipitation, snow cover, and soil temperature and moisture affect concentrations of naturally-occurring radionuclides in the atmosphere directly above land.

Gamma isotopic analyses of particulate filters are summarized on Table 3.1-1. The only radionuclides detected were naturally-occurring Be-7, which indicated positive in all air particulate samples, and Ac-228, which was positive in one sample. Be-7 is of cosmogenic origin, and its presence is consistent with previous years in both the pre-operational and operational periods. Ac-228 is part of the Thorium-232 decay chain and is naturally-occurring.

Near the end of 2010, analysis of environmental samples was changed from the AREVA Environmental Laboratory to GEL Laboratory after the AREVA lab discontinued operations. In comparing long term trends in gross beta activity, the results since 2011 appear to reflect a step increase at the time of the transition between labs. The reason for the step increase is related to the change in the gross beta counting equipment configurations and reference calibration standards used by the AREVA lab and GEL. Both labs use(d) gas proportional counting of the filter element. However, AREVA applied a Cs-137 calibration source while the GEL lab uses a Tc-99 calibration source. In the case of the AREVA data record, the Cs-137 detection efficiency (typically 34%) was applied to the "gross" counts to determine the apparent activity. This inherently presumes that the radioactivity in a field sample is all Cs-137. In the case of the GEL data record, the Tc-99 efficiency (20.6%), is applied to the same "gross" counts as if all the radioactivity in this case is Tc-99. The end result is two different gross beta radioactivity determinations for the same level of environmental activity. In application, this is not an adverse condition in that the gross beta counting is used as a qualitative indicator of changes in environmental conditions, not as a quantitative measure of the actual radioactivity. Since the comparison of the response curves for each monitoring station, including the control station, are similar over time, the curves indicate that there is no detectable influence from a single nearby point source such as Seabrook Station.

The air particulate sampling program demonstrated no off-site dose to the public or impact to the environment from this pathway as the result of plant operations. This is consistent with previous years

and the pre-operational program. The REMP Summary Table 3.1-1 lists the range of analysis results by radionuclide for Indicator and Control Stations for the air particulate environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of air particulates under the Sample Type code AP.

Air particulate sample collection and analysis deviations from the ODCM required program (if any) are described in Section 5.

FIGURE 3.1

GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS
SEABROOK STATION

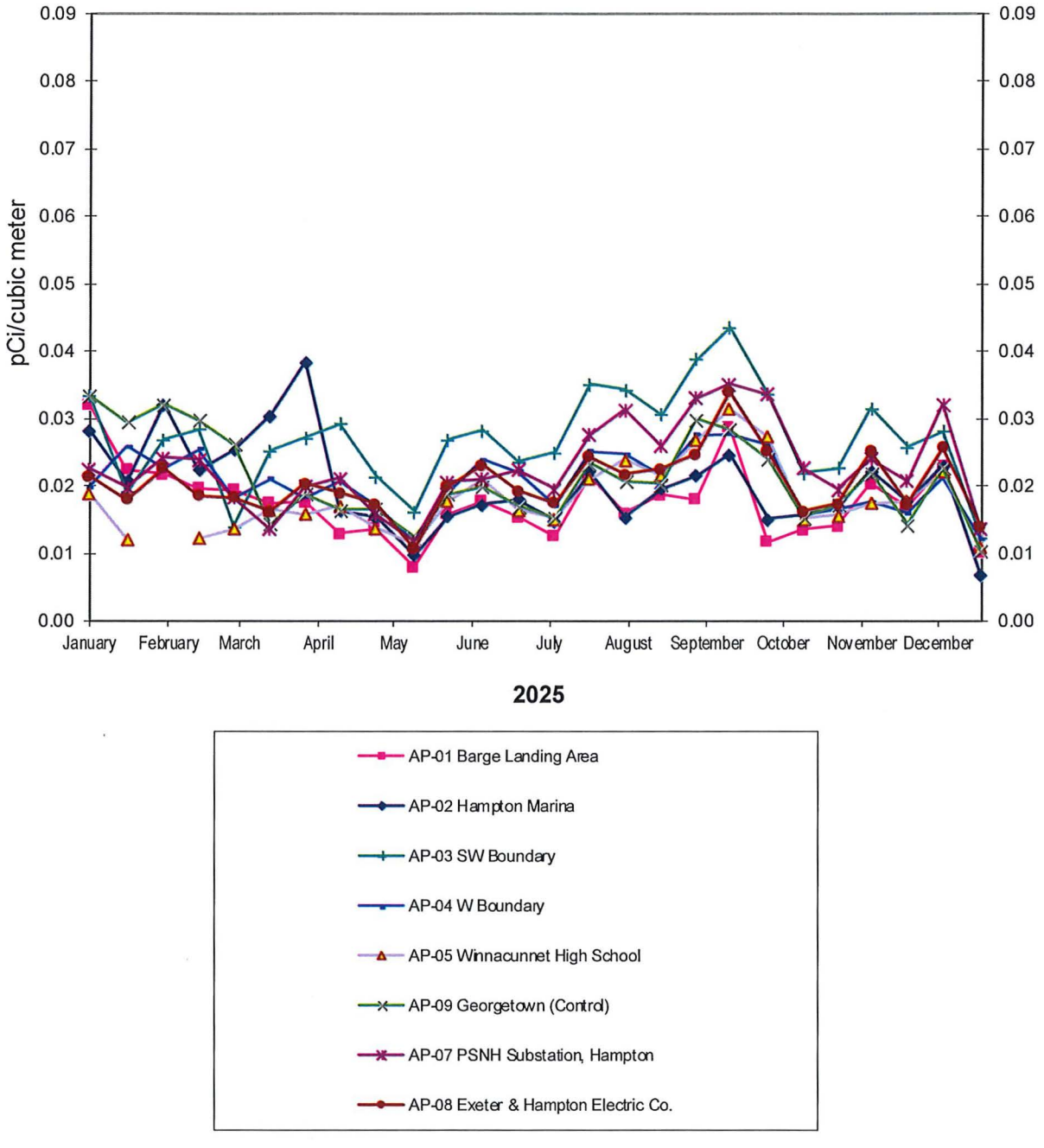


FIGURE 3.1.1

GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS QUARTERLY AVERAGES
SEABROOK STATION

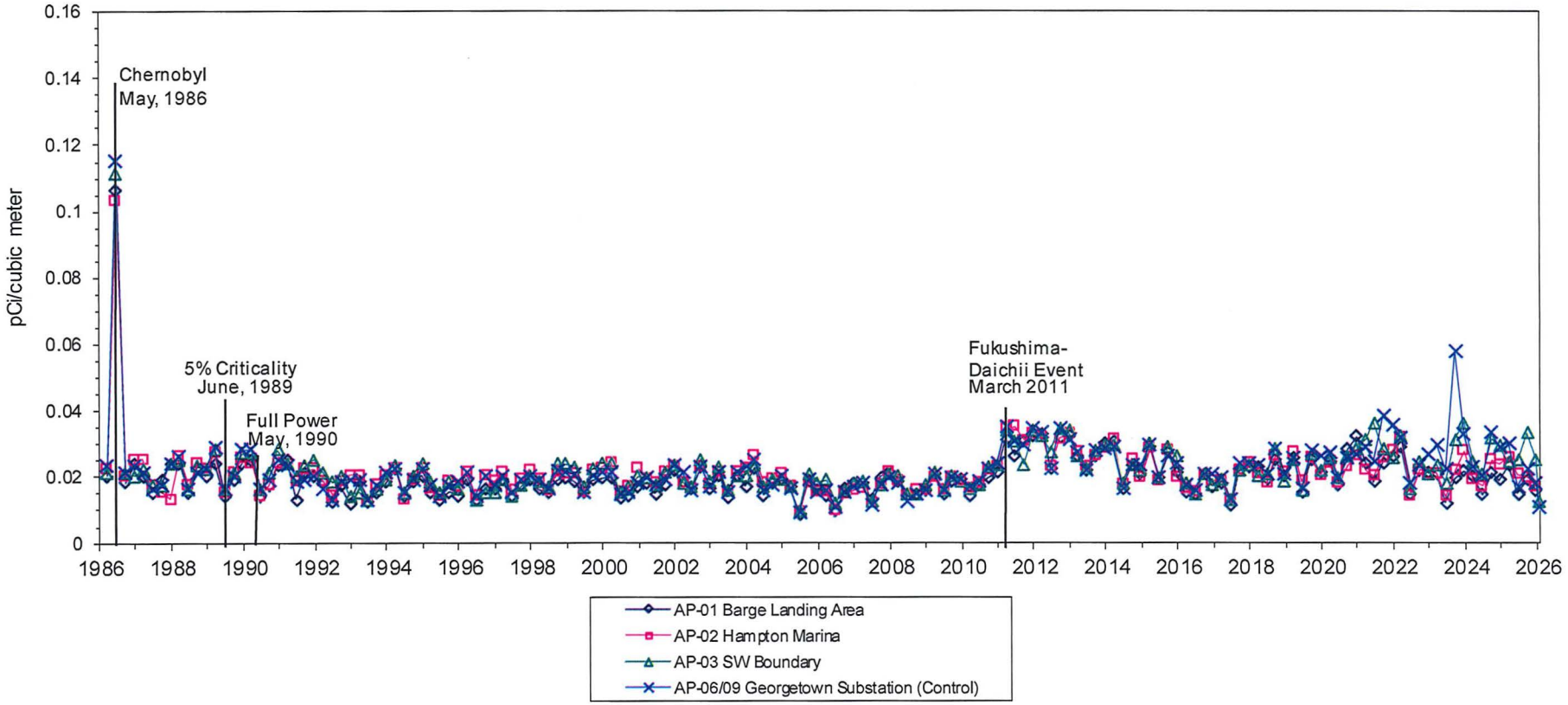


FIGURE 3.1.2

GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS QUARTERLY AVERAGES
SEABROOK STATION

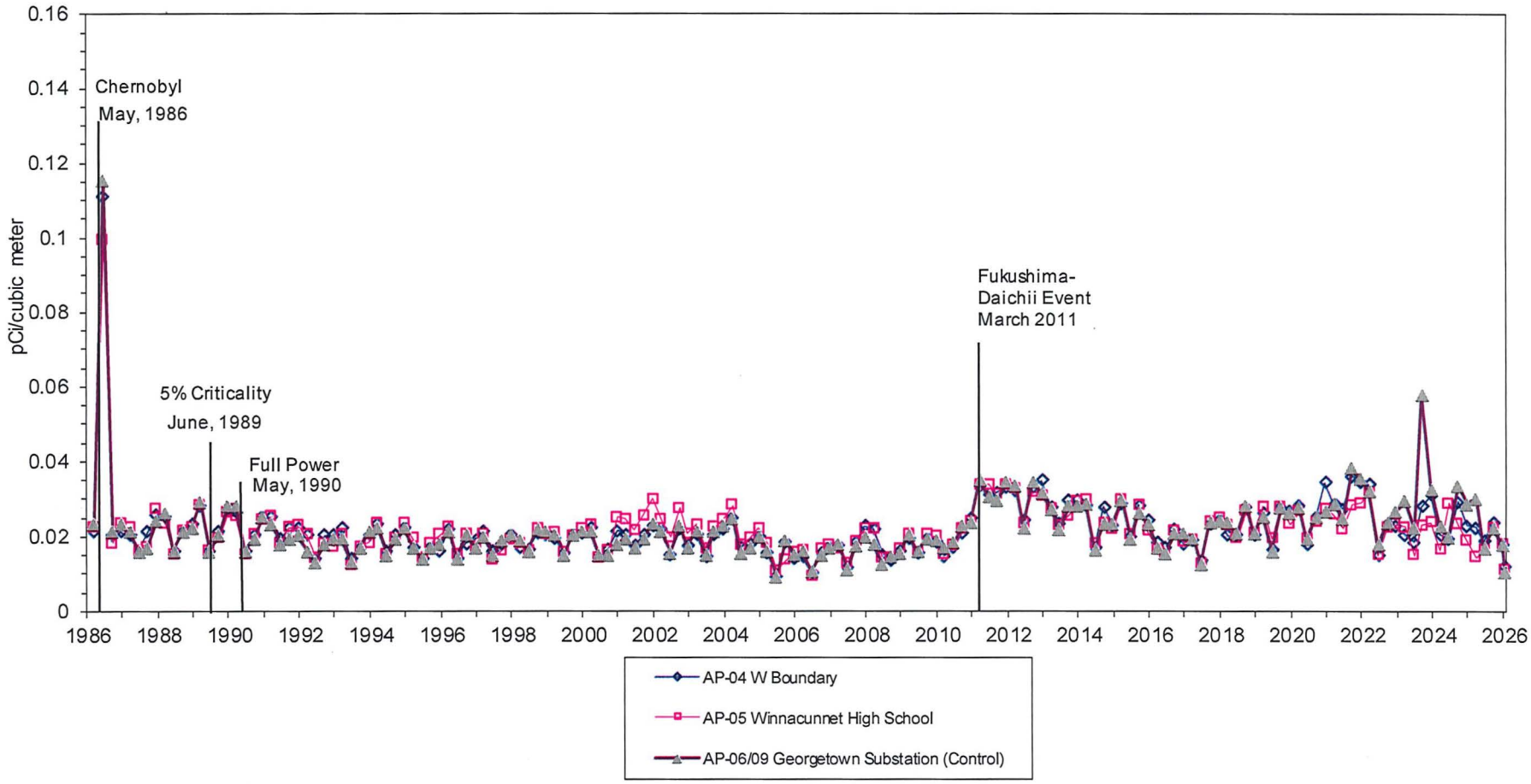


FIGURE 3.1.3

GROSS-BETA MEASUREMENTS OF AIR PARTICULATE FILTERS QUARTERLY AVERAGES
SEABROOK STATION

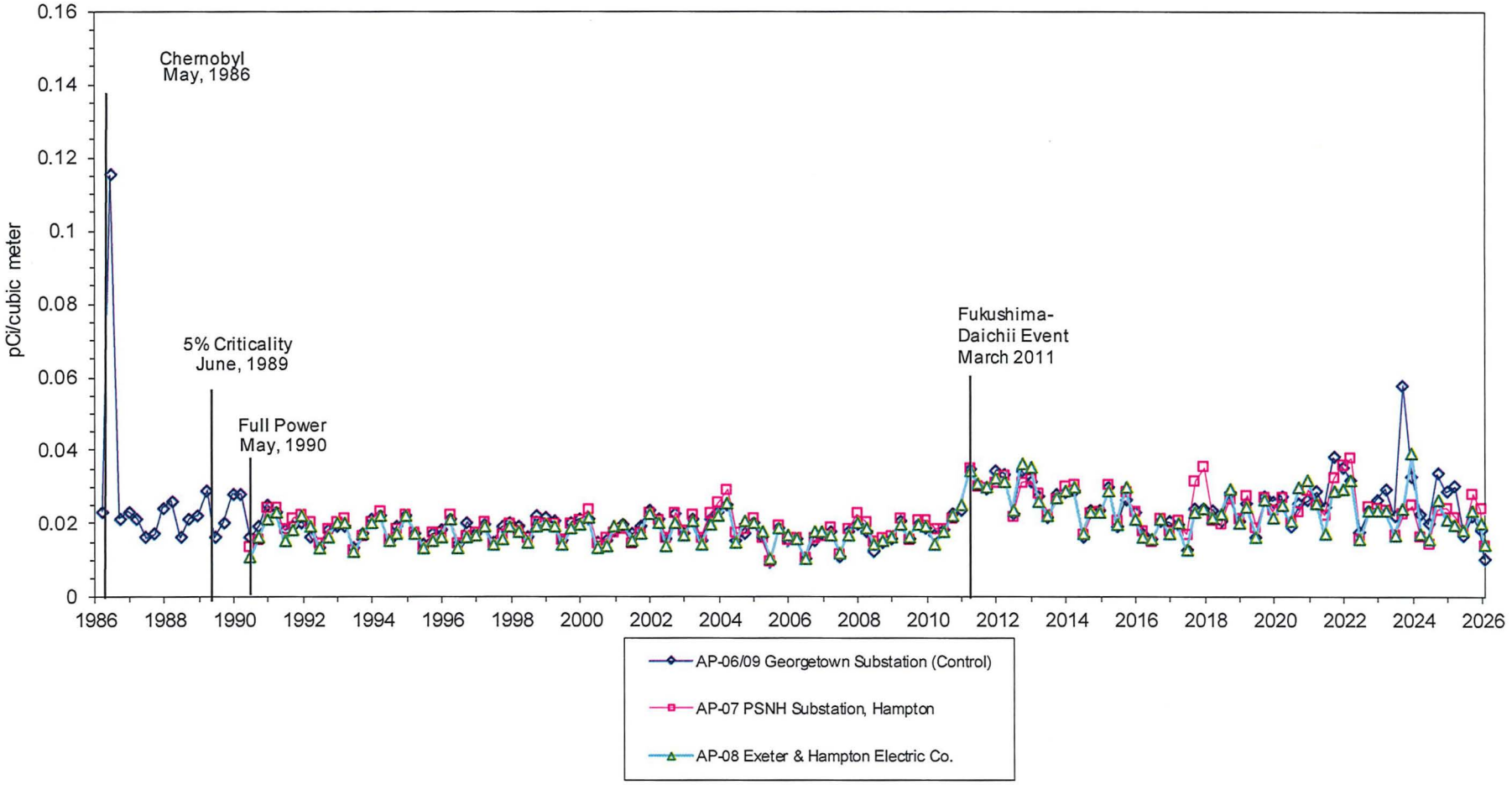


FIGURE 3.1.4

GROSS-BETA ON AIR PARTICULATE FILTERS
QUARTERLY AVERAGES
SEABROOK STATION

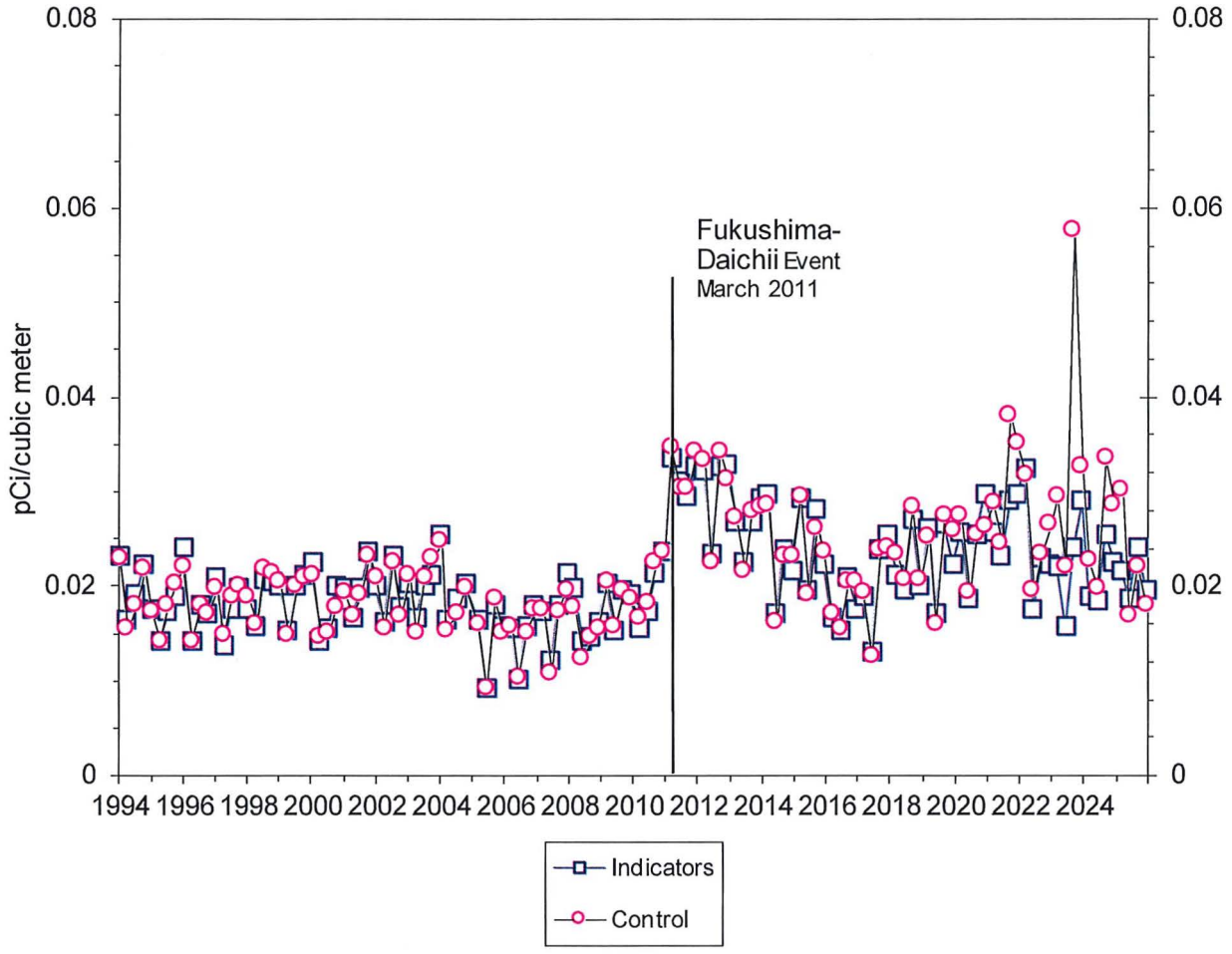


Table 3.1-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Air Particulates (AP) UNITS: pCi/cubic meter

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
BETA	(207)	0.01	2.1E -2	03	2.7E -2	2.1E -2
	(0)		(6.7 - 43.5)E -3 (181/ 181)		(1.2 - 4.4)E -2 (26/ 26)	(1.0 - 3.3)E -2 (26/ 26)
Be-7	(32)		6.0E -2	03	8.0E -2	5.5E -2
	(0)		(3.8 - 9.3)E -2 (28/ 28)		(5.0 - 9.3)E -2 (4/ 4)	(5.2 - 6.0)E -2 (4/ 4)
K-40	(32)		2.8E -4	03	8.9E -4	8.7E -4
	(0)		(-1.7 - 2.6)E -3 (0/ 28)		(-4.5 - 23.3)E -4 (0/ 4)	(0.0 - 2.1)E -3 (0/ 4)
Cr-51	(32)		-4.2E -4	09	1.5E -3	1.5E -3
	(0)		(-7.1 - 4.2)E -3 (0/ 28)		(2.2 - 40.9)E -4 (0/ 4)	(2.2 - 40.9)E -4 (0/ 4)
Mn-54	(32)		1.4E -5	02	1.1E -4	2.2E -5
	(0)		(-1.4 - 4.9)E -4 (0/ 28)		(-3.5 - 49.2)E -5 (0/ 4)	(-5.3 - 12.5)E -5 (0/ 4)
Co-57	(32)		0.0E 0	07	3.9E -5	-2.0E -5
	(0)		(-5.6 - 5.3)E -5 (0/ 28)		(2.1 - 5.3)E -5 (0/ 4)	(-9.9 - 5.4)E -5 (0/ 4)
Co-58	(32)		-1.7E -5	09	2.2E -4	2.2E -4
	(0)		(-2.3 - 6.0)E -4 (0/ 28)		(-6.1 - 420.0)E -6 (0/ 4)	(-6.1 - 420.0)E -6 (0/ 4)
Fe-59	(32)		3.7E -5	09	3.0E -4	3.0E -4
	(0)		(-1.2 - 1.2)E -3 (0/ 28)		(-3.0 - 10.2)E -4 (0/ 4)	(-3.0 - 10.2)E -4 (0/ 4)
Co-60	(32)		0.0E 0	08	3.2E -5	-4.6E -5
	(0)		(-1.3 - 1.8)E -4 (0/ 28)		(-7.7 - 17.5)E -5 (0/ 4)	(-2.1 - 0.8)E -4 (0/ 4)
Zn-65	(32)		1.9E -5	01	1.3E -4	1.2E -5
	(0)		(-4.2 - 3.1)E -4 (0/ 28)		(-8.4 - 24.4)E -5 (0/ 4)	(-1.8 - 1.2)E -4 (0/ 4)
Se-75	(32)		3.6E -5	08	9.7E -5	-1.5E -5
	(0)		(-1.3 - 4.1)E -4 (0/ 28)		(2.3 - 292.0)E -6 (0/ 4)	(-1.1 - 1.9)E -4 (0/ 4)
Nb-95	(32)		0.0E 0	09	1.5E -4	1.5E -4
	(0)		(-4.5 - 3.6)E -4 (0/ 28)		(5.5 - 32.3)E -5 (0/ 4)	(5.5 - 32.3)E -5 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Air Particulates (AP) UNITS: pCi/cubic meter

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Zr-95	(32)		3.9E -5	04	1.8E -4	1.2E -4
	(0)		(-4.6 - 3.5)E -4 (0/ 28)		(2.5 - 32.0)E -5 (0/ 4)	(7.4 - 294.0)E -6 (0/ 4)
Ru-103	(32)		-2.8E -5	05	1.5E -4	1.5E -4
	(0)		(-1.0 - 0.4)E -3 (0/ 28)		(2.0 - 38.4)E -5 (0/ 4)	(-1.9 - 4.1)E -4 (0/ 4)
Ru-106	(32)		-8.3E -5	09	3.2E -4	3.2E -4
	(0)		(-1.3 - 0.7)E -3 (0/ 28)		(-9.2 - 14.5)E -4 (0/ 4)	(-9.2 - 14.5)E -4 (0/ 4)
Ag-108m	(32)		0.0E 0	01	2.0E -5	1.5E -5
	(0)		(-8.5 - 11.1)E -5 (0/ 28)		(-4.5 - 8.1)E -5 (0/ 4)	(-7.7 - 5.4)E -5 (0/ 4)
Ag-110m	(32)		0.0E 0	09	1.1E -4	1.1E -4
	(0)		(-2.1 - 2.5)E -4 (0/ 28)		(-5.3 - 28.2)E -5 (0/ 4)	(-5.3 - 28.2)E -5 (0/ 4)
Sb-124	(32)		9.5E -5	08	2.7E -4	-5.6E -5
	(0)		(-1.2 - 1.1)E -3 (0/ 28)		(-2.6 - 10.6)E -4 (0/ 4)	(-2.6 - 0.4)E -4 (0/ 4)
Sb-125	(32)		0.0E 0	09	1.7E -4	1.7E -4
	(0)		(-3.5 - 2.3)E -4 (0/ 28)		(-1.7 - 474.0)E -6 (0/ 4)	(-1.7 - 474.0)E -6 (0/ 4)
I-131	(32)		-5.4E -2	09	-1.7E -3	-1.7E -3
	(0)		(-2.7 - 0.0)E -1 (0/ 28)		(-4.2 - 1.1)E -3 (0/ 4)	(-4.2 - 1.1)E -3 (0/ 4)
Cs-134	(32)	0.05	1.9E -5	01	7.1E -5	2.1E -5
	(0)		(-1.3 - 2.3)E -4 (0/ 28)		(-5.0 - 23.3)E -5 (0/ 4)	(-1.6 - 1.0)E -4 (0/ 4)
Cs-137	(32)	0.06	0.0E 0	05	6.7E -5	0.0E 0
	(0)		(-1.8 - 1.9)E -4 (0/ 28)		(2.7 - 9.7)E -5 (0/ 4)	(-2.9 - 1.5)E -5 (0/ 4)
Ba-140	(32)		-1.9E -3	04	1.6E -2	8.3E -3
	(0)		(-7.4 - 4.4)E -2 (0/ 28)		(7.3 - 437.0)E -4 (0/ 4)	(-4.0 - 26.2)E -3 (0/ 4)
La-140	(32)		-2.9E -3	04	-7.9E -5	-8.2E -3
	(0)		(-3.0 - 1.3)E -2 (0/ 28)		(-9.1 - 12.9)E -3 (0/ 4)	(-2.8 - 0.0)E -2 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Air Particulates (AP) UNITS: pCi/cubic meter

Radionuclides (No. Analyses) (Non-Routine*)	Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-141 (32)		-1.1E -4	03	1.7E -4	-1.5E -4
(0)		(-1.6 - 0.8)E -3		(-7.7 - 32.6)E -5	(-8.0 - 3.1)E -4
		(0/ 28)		(0/ 4)	(0/ 4)
Ce-144 (32)		3.4E -5	03	2.3E -4	8.3E -5
(0)		(-4.4 - 5.4)E -4		(-8.7 - 54.2)E -5	(-1.2 - 3.2)E -4
		(0/ 28)		(0/ 4)	(0/ 4)
Ac-228 (32)		2.6E -4	03	7.3E -4	-2.7E -5
(0)		(-4.8 - 16.5)E -4		(1.4 - 16.5)E -4	(-1.5 - 0.4)E -4
		(1/ 28)		(0/ 4)	(0/ 4)
Th-228 (32)		1.5E -4	05	3.1E -4	1.3E -4
(0)		(-1.6 - 5.1)E -4		(0.0 - 5.1)E -4	(2.8 - 28.6)E -5
		(0/ 28)		(0/ 4)	(0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of sample analyses yielding detectable measurements (i.e. >3 standard deviations) is shown in parentheses.

3.2 Charcoal Filters

Charcoal filter (CF) cartridges are placed in series behind the air particulate glass-fiber filters at each of the air sampling locations. Monitoring stations were established at a total of eight locations. Seven of these are indicators and one is a control. Charcoal filters from the air sampling stations were collected and analyzed for I-131 activity to a lower limit of detection (LLD) of 0.07 pCi/m^3 or lower.

During 2025, a total of 207 charcoal cartridges from eight locations were analyzed. As described for the air particulate samplers (see Section 3.1), the collection cycles for the charcoal filters were biweekly during 2025. Off-normal conditions, such as observed high differential pressure across the associated particulate filter (none detected in 2025) which might be indicative of excessive dust loading, could prompt switching to a temporary weekly cycle (see Section 3.1).

No sample analyses indicated a detectable level for I-131 that was statistically relevant (positive) at any of the air sampling locations during the year. Figure 3.2 shows the I-131 measurement responses in 2025 for all air sampling stations. All analyses were below their respective measurement minimum detectable concentrations (MDC).

From initial criticality in June 1989 to the Fukushima Daiichi accident in March 2011, the Seabrook REMP program had not detected I-131 at any offsite air sample locations. Following the March – April 2011 air concentration spikes of I-131 related to the Fukushima Daiichi accident releases, no detectable I-131 has been observed. The pre-operational data for I-131 are consistent with present (2025) data. Therefore, there are no increasing or decreasing trends related to Seabrook Station operations for airborne I-131. The potential organ doses from I-131 in gaseous effluents, if assumed to be released at the MDA, are well below the 10CFR50, Appendix I dose criteria.

The REMP Summary Table 3.2-1 list the range of analysis results for iodine (I-131) at both Indicator and Control Stations. Attachment 1 to this report lists the individual analysis results for each air sample measurement under the Sample Type code CF.

Charcoal filter sample collection and analysis deviations from the ODCM required program (if any) are described in Section 5.

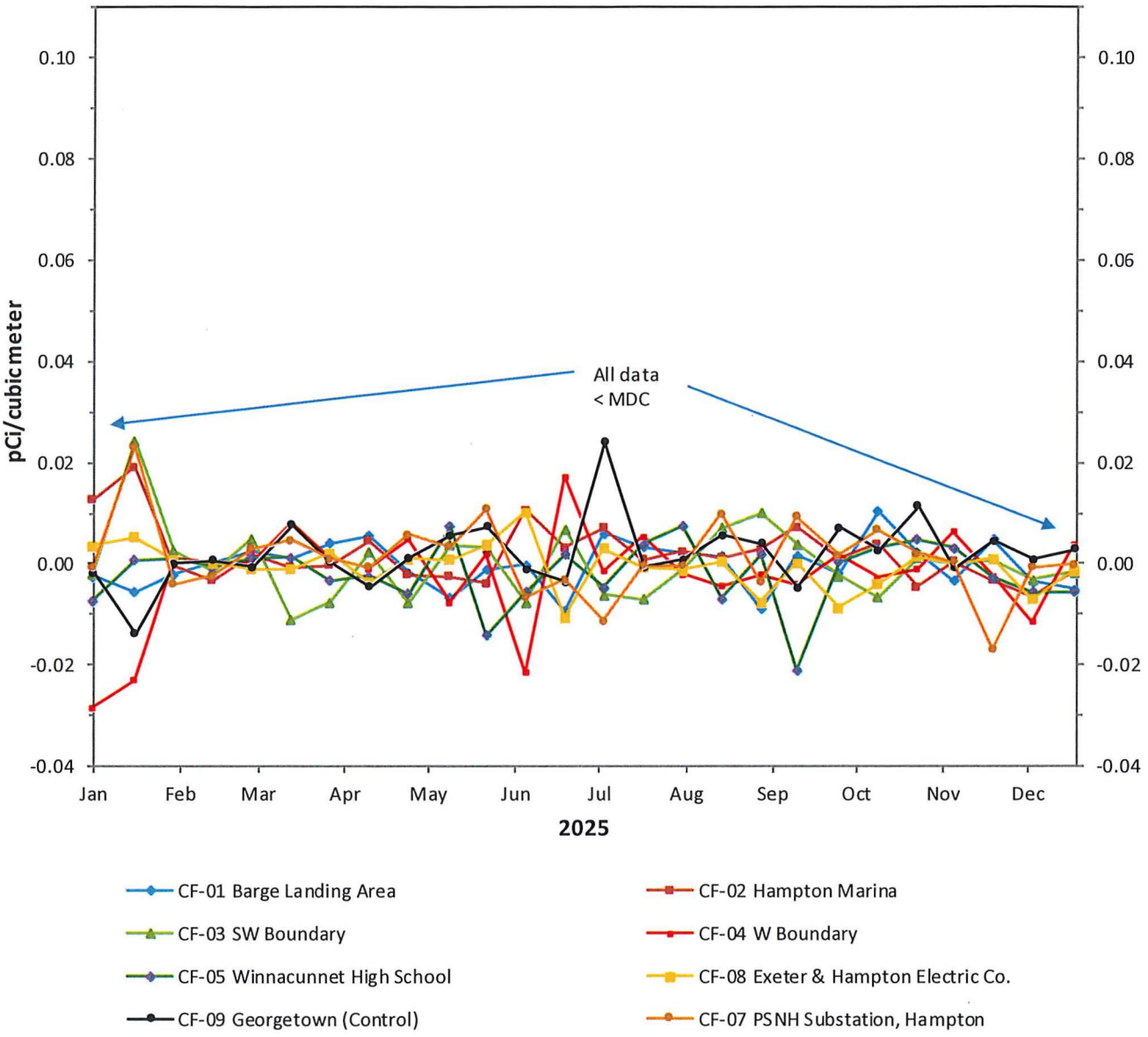
Table 3.2-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Charcoal Cartridge (CF) UNITS: pCi/cubic meter

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
I-131	(207)	0.07	-3.3E -4	09	2.1E -3	2.1E -3
	(0)		(-2.9 - 2.4)E -2 (0/ 181)		(-1.4 - 2.4)E -2 (0/ 26)	(-1.4 - 2.4)E -2 (0/ 26)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

FIGURE 3.2
I-131 MEASUREMENTS OF AIR CHARCOAL CARTRIDGES
SEABROOK STATION



3.3 Milk

Milk samples (TM) were collected semi-monthly during the pasture season and monthly at other times. Samples are analyzed for low level I-131 and gamma-emitting radionuclides.

The ODCM (Table A.9.1-1) requires that milk samples be collected from three locations within 5 km of the plant having the highest dose potential. If there are none, then one sample is required from milking animals in each of three areas between 5 to 8 km from the plant where the doses are calculated to be greater than 1 mrem/yr. Due to the limited inventory of milk animals in the site area, as reconfirmed by the 2025 Land Use Census, the number of available sample locations required by the ODCM sampling program could not be met (insufficient numbers of milk animals within 5 km, and only one milk location [goat milk designated TM-15] between 5 and 8 km). The ODCM allows for broad leaf vegetation samples to be collected if milk sampling cannot be performed in accordance with the REMP requirements. As a result, two site boundary locations and one control location are sampled for vegetation to compensate for the limited milk availability (see Section 3.12).

A total of 18 goat milk samples were collected during the year from one available location. Each sample was analyzed for gamma emitting radionuclides. In addition, all samples were evaluated for low levels of I-131 through an iodine extraction process. The gamma analyses on samples indicated that naturally-occurring K-40 was detectable in all 18 milk samples. Also detected in three milk samples was Cs-137 at an average concentration of 4.0 pCi/kg, which falls in the range of past and pre-operational measurements. Though the Fukushima Daiichi event in March 2011 may have contributed to the Cs-137 levels observed in milk in 2025, Cs-137 has historically been detected at similar levels in milk before the nuclear accident in Japan. The presence of Cs-137 in goat milk may be partly attributable to the diet of goats, which can include acorns and tree bark. Trees tend to concentrate Cs-137 from weapons testing as discussed in Section 3.12. Residual Cs-137 from past weapons testing fallout has been the major contributor attributed to the currently observed values in milk. Figures 3.3, 3.3.1 and 3.3.2 illustrate the analysis results (without regard to whether individual analysis indicated detectable or statistically not detectable concentrations) for Cs-137 in milk over the current period (2025) and previous years.

Iodine-131 was not positively identified at any sample location for the year. This is consistent with previous years for both the pre-operational and operational phases of the program. No increasing or decreasing trends in the radioactivity content of milk were observed.

The REMP Summary Table 3.3-1 lists the range of analysis results by radionuclide for the Indicator station (Historical Control Stations for the milk have ceased operations). Attachment 1 to this report lists the individual analysis results for each measurement of milk under the Sample Type code TM. Section 5 identifies deviations in the sample measurement program (if any), such as missed lower limits of detection (LLD) requirements.

FIGURE 3.3

CESIUM-137 IN MILK
SEABROOK STATION

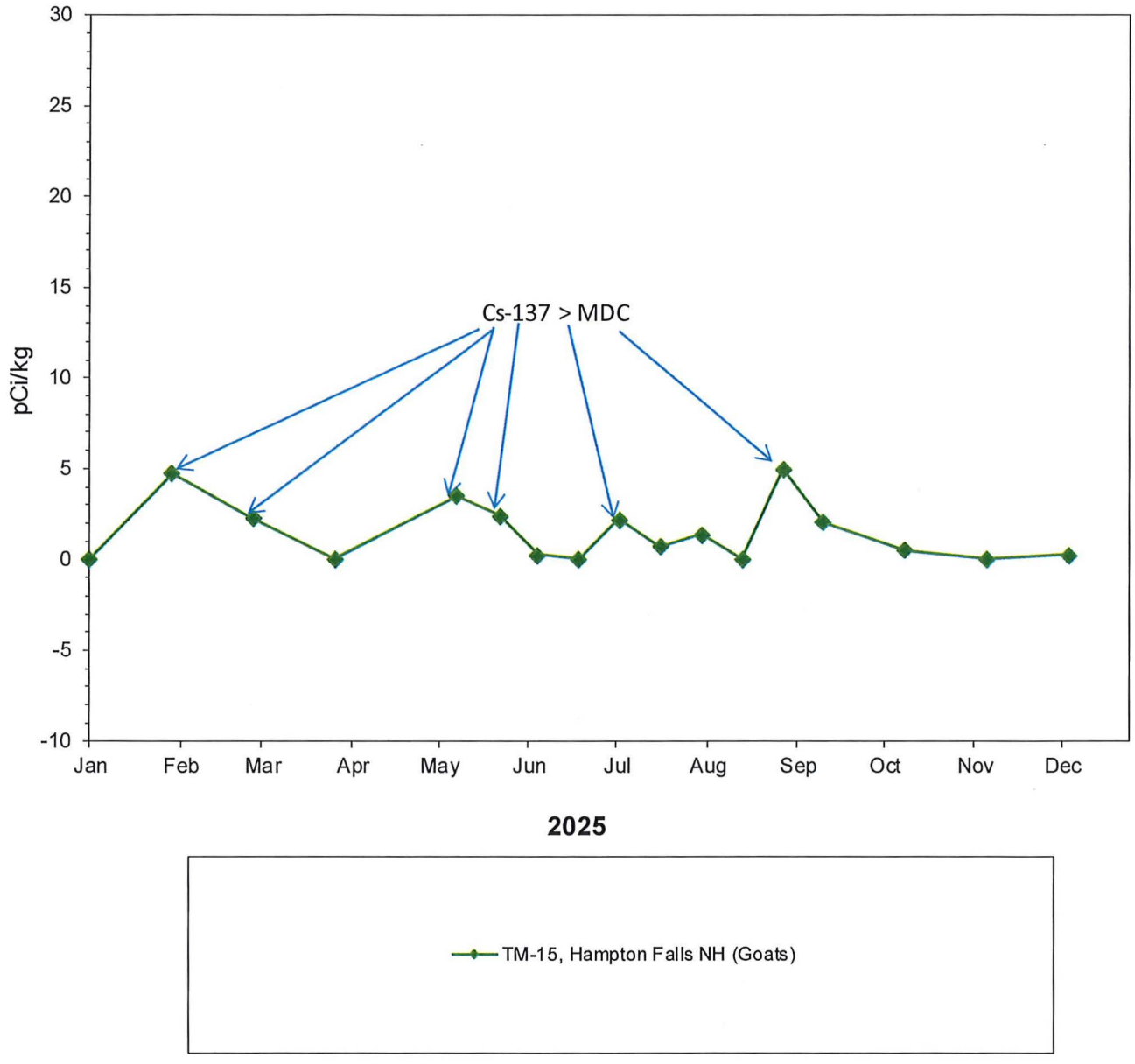


FIGURE 3.3.1

CESIUM-137 IN MILK
ANNUAL AVERAGE CONCENTRATIONS

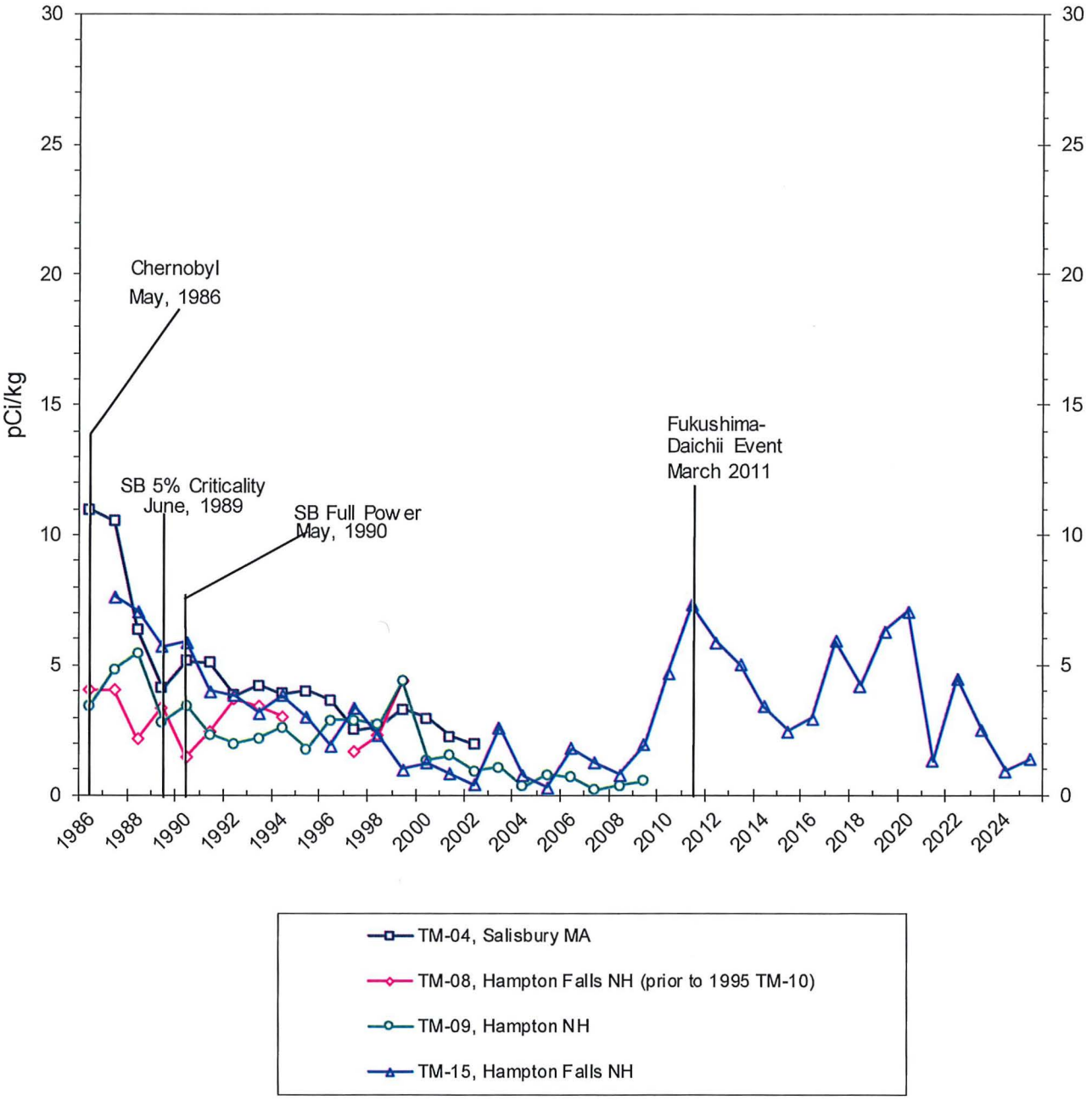


FIGURE 3.3.2

CESIUM-137 IN MILK
ANNUAL AVERAGE CONCENTRATIONS

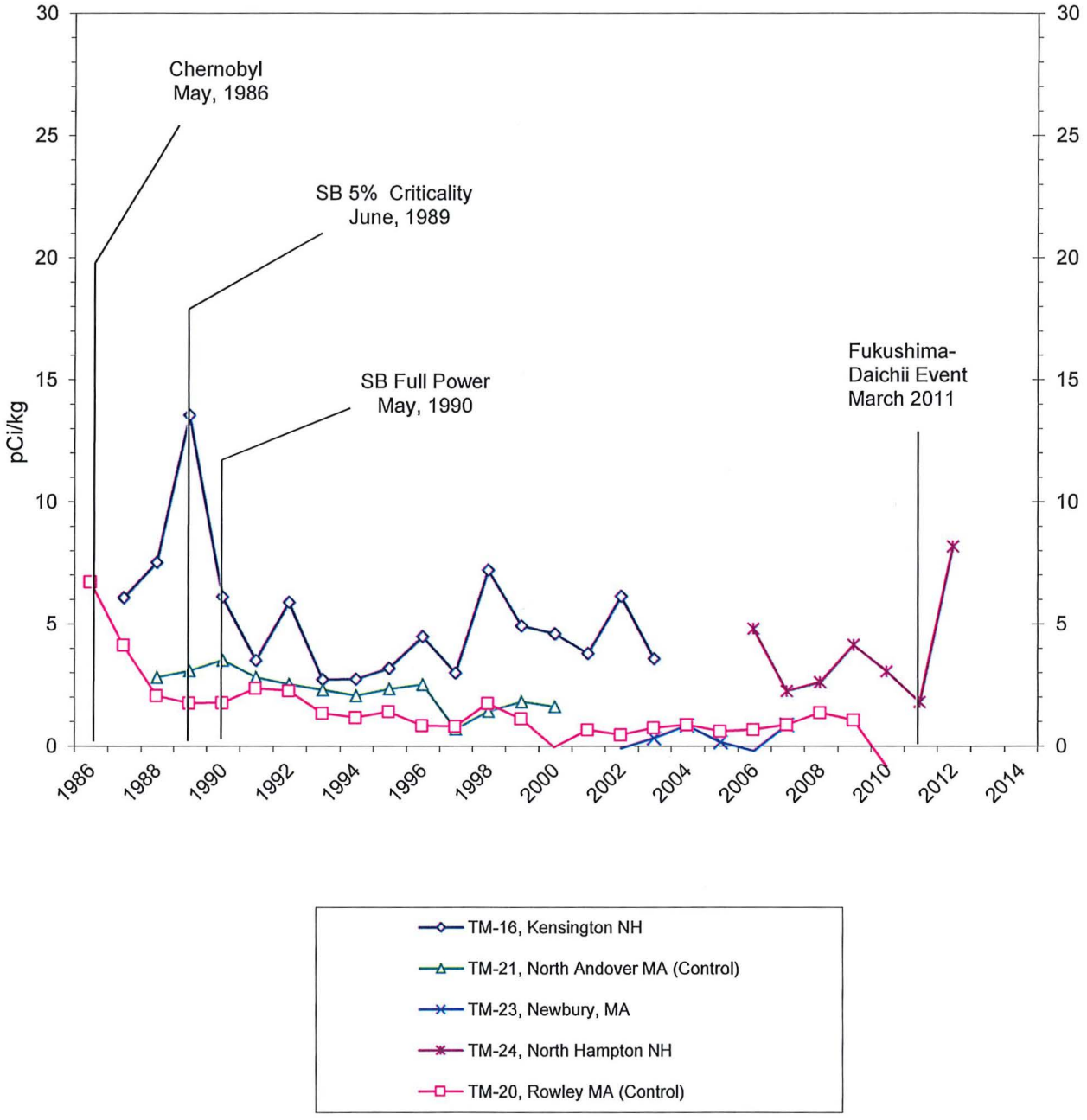


Table 3.3-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Milk (TM) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(18)		1.2E -1	15	1.2E -1	NO DATA
	(0)		(-9.4 - 14.0)E 0		(-9.4 - 14.0)E 0	
			(0/ 18)		(0/ 18)	
K-40	(18)		1.8E 3	15	1.8E 3	NO DATA
	(0)		(1.6 - 2.1)E 3		(1.6 - 2.1)E 3	
			(18/ 18)		(18/ 18)	
Cr-51	(18)		1.1E 0	15	1.1E 0	NO DATA
	(0)		(-4.8 - 7.3)E 0		(-4.8 - 7.3)E 0	
			(0/ 18)		(0/ 18)	
Mn-54	(18)		8.8E -4	15	8.8E -4	NO DATA
	(0)		(-1.0 - 0.8)E 0		(-1.0 - 0.8)E 0	
			(0/ 18)		(0/ 18)	
Co-57	(18)		1.4E -1	15	1.4E -1	NO DATA
	(0)		(-5.1 - 16.4)E -1		(-5.1 - 16.4)E -1	
			(0/ 18)		(0/ 18)	
Co-58	(18)		9.8E -2	15	9.8E -2	NO DATA
	(0)		(-8.7 - 15.7)E -1		(-8.7 - 15.7)E -1	
			(0/ 18)		(0/ 18)	
Fe-59	(18)		-6.7E -1	15	-6.7E -1	NO DATA
	(0)		(-2.6 - 0.8)E 0		(-2.6 - 0.8)E 0	
			(0/ 18)		(0/ 18)	
Co-60	(18)		1.6E -1	15	1.6E -1	NO DATA
	(0)		(-2.0 - 1.4)E 0		(-2.0 - 1.4)E 0	
			(0/ 18)		(0/ 18)	
Zn-65	(18)		-2.8E -1	15	-2.8E -1	NO DATA
	(0)		(-2.7 - 2.4)E 0		(-2.7 - 2.4)E 0	
			(0/ 18)		(0/ 18)	
Se-75	(18)		8.2E -2	15	8.2E -2	NO DATA
	(0)		(-1.9 - 1.1)E 0		(-1.9 - 1.1)E 0	
			(0/ 18)		(0/ 18)	
Nb-95	(18)		1.5E -1	15	1.5E -1	NO DATA
	(0)		(-7.1 - 10.8)E -1		(-7.1 - 10.8)E -1	
			(0/ 18)		(0/ 18)	
Zr-95	(18)		-1.6E -1	15	-1.6E -1	NO DATA
	(0)		(-5.1 - 2.3)E 0		(-5.1 - 2.3)E 0	
			(0/ 18)		(0/ 18)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Milk (TM) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(18)		-4.3E -1	15	-4.3E -1	NO DATA
	(0)		(-1.6 - 0.2)E 0		(-1.6 - 0.2)E 0	
			(0/ 18)		(0/ 18)	
Ru-106	(18)		4.0E -2	15	4.0E -2	NO DATA
	(0)		(-7.1 - 14.7)E 0		(-7.1 - 14.7)E 0	
			(0/ 18)		(0/ 18)	
Ag-108m	(18)		-1.8E -1	15	-1.8E -1	NO DATA
	(0)		(-2.7 - 1.3)E 0		(-2.7 - 1.3)E 0	
			(0/ 18)		(0/ 18)	
Ag-110m	(18)		-1.1E -1	15	-1.1E -1	NO DATA
	(0)		(-2.5 - 2.3)E 0		(-2.5 - 2.3)E 0	
			(0/ 18)		(0/ 18)	
Sb-124	(18)		-1.3E -1	15	-1.3E -1	NO DATA
	(0)		(-1.8 - 1.2)E 0		(-1.8 - 1.2)E 0	
			(0/ 18)		(0/ 18)	
Sb-125	(18)		2.9E -1	15	2.9E -1	NO DATA
	(0)		(-1.3 - 2.3)E 0		(-1.3 - 2.3)E 0	
			(0/ 18)		(0/ 18)	
I-131	(19)	1	-4.0E -2	15	-4.0E -2	NO DATA
	(0)		(-7.6 - 6.3)E -1		(-7.6 - 6.3)E -1	
			(0/ 19)		(0/ 19)	
Cs-134	(18)	15	9.6E -2	15	9.6E -2	NO DATA
	(0)		(-2.7 - 1.5)E 0		(-2.7 - 1.5)E 0	
			(0/ 18)		(0/ 18)	
Cs-137	(18)	18	1.4E 0	15	1.4E 0	NO DATA
	(0)		(0.0 - 4.9)E 0		(0.0 - 4.9)E 0	
			(3/ 18)		(3/ 18)	
Ba-140	(18)	15	1.5E 0	15	1.5E 0	NO DATA
	(0)		(-2.8 - 6.8)E 0		(-2.8 - 6.8)E 0	
			(0/ 18)		(0/ 18)	
La-140	(18)	15	-8.4E -1	15	-8.4E -1	NO DATA
	(0)		(-1.2 - 0.2)E 1		(-1.2 - 0.2)E 1	
			(0/ 18)		(0/ 18)	
Ce-141	(18)		-2.3E -1	15	-2.3E -1	NO DATA
	(0)		(-2.9 - 2.3)E 0		(-2.9 - 2.3)E 0	
			(0/ 18)		(0/ 18)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Milk (TM) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-144	(18)		-1.1E 0	15	-1.1E 0	NO DATA
	(0)		(-4.9 - 2.7)E 0 (0/ 18)		(-4.9 - 2.7)E 0 (0/ 18)	
Pb-212	(18)		7.2E -1	15	7.2E -1	NO DATA
	(0)		(-2.1 - 3.6)E 0 (0/ 18)		(-2.1 - 3.6)E 0 (0/ 18)	
Pb-214	(18)		-5.2E -1	15	-5.2E -1	NO DATA
	(0)		(-6.6 - 3.7)E 0 (0/ 18)		(-6.6 - 3.7)E 0 (0/ 18)	
Bi-214	(18)		4.9E -1	15	4.9E -1	NO DATA
	(0)		(-3.5 - 3.8)E 0 (0/ 18)		(-3.5 - 3.8)E 0 (0/ 18)	
Ac-228	(18)		-5.4E -1	15	-5.4E -1	NO DATA
	(0)		(-1.1 - 0.9)E 1 (0/ 18)		(-1.1 - 0.9)E 1 (0/ 18)	
Th-228	(18)		7.2E -1	15	7.2E -1	NO DATA
	(0)		(-2.1 - 3.6)E 0 (0/ 18)		(-2.1 - 3.6)E 0 (0/ 18)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.4 Surface Water

Surface water (seawater - WS) grab samples are required at two locations (control and indicator) monthly. The indicator (WS-01) is over the vicinity of the plant's submerged discharge structure. The control location (WS-51) is situated in Ipswich Bay, MA, approximately 26.2 km from the plant. A gamma analysis is performed on each sample. A tritium analysis is performed on the quarterly composite of samples from each ODCM required location. Additional samples were collected from the Seabrook Marsh (WS-10) which borders the immediate plant property. The marsh samples are intended to provide indication of any ground water movement across the site area that might carry contamination into the surface waters of the marsh. Each of these samples is analyzed for both gamma emitters and tritium.

For 2025, a total of 26 gamma analyses were performed on surface water samples. The only radionuclide detected was naturally-occurring K-40, which was detected in 25 of 26 samples. No plant-related nuclides were detected. The present data for gamma emitters in seawater is consistent with that of the pre-operational program and previous years of operations. Therefore, no increasing or decreasing trends were observed.

Quarterly composites for the required off-shore locations (Stations WS-01 and WS-51) were analyzed for tritium. A total of 8 off-shore samples (composites) were analyzed in 2025, plus two additional samples from the non-ODCM required location (WS-10) situated approximately 600 feet SSE from the Containment Building in Seabrook Marsh. The quarterly composite samples showed no indication of tritium. All samples met the required minimum LLD (3000 pCi/kg) for tritium in seawater. These results are consistent with pre-operational tritium data. The achieved tritium Minimum Detectable Concentration (MDC) for the quarterly off-shore composite samples averaged 562.0 pCi/kg.

The calculated dose as the result of plant effluents is not evaluated due to the fact that no plant-related radionuclides were or have been detected in the past. Therefore, no increasing or decreasing trends in dose were observed. This sampling program demonstrates that there is no impact to the public or environment, through this pathway from plant operations.

The REMP Summary Table 3.4-1 lists the range of analysis results by radionuclide for Indicator and Control Stations for the sea water environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of sea water under the Sample Type code WS.

Any sample collection and analysis deviations from the ODCM required program or reportable concentrations that may have occurred during the year are described in Section 5.

Table 3.4-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Sea Water (WS) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
H-3	(10)	3000	6.4E 1	10	2.3E 2	-7.3E 1
	(0)		(-1.8 - 4.4)E 2 (0/ 6)		(2.5 - 44.3)E 1 (0/ 2)	(-1.7 - 0.7)E 2 (0/ 4)
Be-7	(26)		-1.3E 0	51	1.1E 0	1.1E 0
	(0)		(-8.7 - 4.3)E 0 (0/ 14)		(-6.4 - 6.7)E 0 (0/ 12)	(-6.4 - 6.7)E 0 (0/ 12)
K-40	(26)		3.1E 2	01	3.3E 2	2.9E 2
	(0)		(1.3 - 3.6)E 2 (14/ 14)		(3.0 - 3.6)E 2 (12/ 12)	(0.0 - 3.6)E 2 (11/ 12)
Cr-51	(26)		-1.1E 0	10	4.6E 0	9.3E -1
	(0)		(-2.0 - 0.7)E 1 (0/ 14)		(4.4 - 4.8)E 0 (0/ 2)	(-5.5 - 6.9)E 0 (0/ 12)
Mn-54	(26)	15	8.2E -2	10	1.9E -1	-3.0E -1
	(0)		(-6.1 - 6.2)E -1 (0/ 14)		(7.0 - 31.8)E -2 (0/ 2)	(-9.7 - 2.0)E -1 (0/ 12)
Co-57	(26)		3.1E -2	01	7.0E -2	-1.9E -2
	(0)		(-5.3 - 10.4)E -1 (0/ 14)		(-5.3 - 10.4)E -1 (0/ 12)	(-8.1 - 6.9)E -1 (0/ 12)
Co-58	(26)	15	-1.6E -1	01	-1.1E -1	-2.5E -1
	(0)		(-1.2 - 0.6)E 0 (0/ 14)		(-1.2 - 0.6)E 0 (0/ 12)	(-9.1 - 2.7)E -1 (0/ 12)
Fe-59	(26)	30	-4.9E -1	10	-1.9E -1	-3.5E -1
	(0)		(-2.2 - 0.9)E 0 (0/ 14)		(-9.5 - 5.6)E -1 (0/ 2)	(-3.8 - 2.0)E 0 (0/ 12)
Co-60	(26)	15	1.9E -1	01	2.1E -1	-8.2E -3
	(0)		(-8.1 - 10.6)E -1 (0/ 14)		(-8.1 - 10.6)E -1 (0/ 12)	(-1.7 - 1.1)E 0 (0/ 12)
Zn-65	(26)	30	-5.7E -2	10	4.1E -1	1.9E -2
	(0)		(-1.5 - 1.9)E 0 (0/ 14)		(1.5 - 6.8)E -1 (0/ 2)	(-2.5 - 1.9)E 0 (0/ 12)
Se-75	(26)		-2.7E -1	51	5.1E -1	5.1E -1
	(0)		(-1.4 - 0.7)E 0 (0/ 14)		(-6.3 - 19.2)E -1 (0/ 12)	(-6.3 - 19.2)E -1 (0/ 12)
Nb-95	(26)	15	2.5E -1	01	2.7E -1	4.8E -2
	(0)		(-5.2 - 19.8)E -1 (0/ 14)		(-5.2 - 19.8)E -1 (0/ 12)	(-1.9 - 1.3)E 0 (0/ 12)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Sea Water (WS) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Zr-95	(26) (0)	15	-1.8E -1 (-1.9 - 1.4)E 0 (0/ 14)	10	2.5E -1 (-3.6 - 53.0)E -2 (0/ 2)	5.8E -2 (-1.2 - 1.3)E 0 (0/ 12)
Ru-103	(26) (0)		-1.3E -1 (-1.8 - 1.0)E 0 (0/ 14)	10	9.4E -2 (-2.2 - 1880.0)E -4 (0/ 2)	-1.8E -1 (-8.3 - 4.8)E -1 (0/ 12)
Ru-106	(26) (0)		-1.2E 0 (-7.5 - 3.2)E 0 (0/ 14)	51	6.9E -1 (-6.4 - 11.9)E 0 (0/ 12)	6.9E -1 (-6.4 - 11.9)E 0 (0/ 12)
Ag-108m	(26) (0)		-2.0E -1 (-2.0 - 0.4)E 0 (0/ 14)	10	1.5E -1 (9.4 - 20.5)E -2 (0/ 2)	1.0E -1 (-6.2 - 6.2)E -1 (0/ 12)
Ag-110m	(26) (0)		-5.2E -1 (-2.3 - 0.9)E 0 (0/ 14)	10	3.9E -1 (-8.6 - 85.9)E -2 (0/ 2)	-2.9E -1 (-2.7 - 0.9)E 0 (0/ 12)
Sb-124	(26) (0)		-1.5E -1 (-1.5 - 1.6)E 0 (0/ 14)	01	-1.2E -1 (-1.5 - 1.6)E 0 (0/ 12)	-6.9E -1 (-4.1 - 1.4)E 0 (0/ 12)
Sb-125	(26) (0)		-4.3E -1 (-2.5 - 1.5)E 0 (0/ 14)	51	-1.5E -1 (-1.7 - 1.1)E 0 (0/ 12)	-1.5E -1 (-1.7 - 1.1)E 0 (0/ 12)
I-131	(26) (0)	15	-3.1E -1 (-2.7 - 2.6)E 0 (0/ 14)	10	-3.0E -1 (-2.3 - 1.7)E 0 (0/ 2)	-7.0E -1 (-3.2 - 1.1)E 0 (0/ 12)
Cs-134	(26) (0)	15	3.0E -1 (-1.6 - 1.8)E 0 (0/ 14)	10	7.4E -1 (5.4 - 9.3)E -1 (0/ 2)	1.5E -1 (-8.2 - 12.2)E -1 (0/ 12)
Cs-137	(26) (0)	18	3.0E -1 (-1.9 - 10.2)E -1 (0/ 14)	10	3.3E -1 (1.0 - 5.7)E -1 (0/ 2)	1.9E -1 (-7.6 - 10.6)E -1 (0/ 12)
Ba-140	(26) (0)	15	-5.0E -1 (-9.5 - 6.0)E 0 (0/ 14)	10	2.5E 0 (-1.0 - 6.0)E 0 (0/ 2)	1.1E 0 (-5.2 - 9.6)E 0 (0/ 12)
La-140	(26) (0)	15	-3.9E -1 (-4.6 - 2.9)E 0 (0/ 14)	10	-7.2E -2 (-6.5 - 5.1)E -1 (0/ 2)	-3.2E -1 (-2.0 - 2.6)E 0 (0/ 12)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Sea Water (WS) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-141	(26)		-1.7E 0	51	-1.5E 0	-1.5E 0
	(0)		(-5.1 - 1.4)E 0 (0/ 14)		(-4.0 - 1.1)E 0 (0/ 12)	(-4.0 - 1.1)E 0 (0/ 12)
Ce-144	(26)		1.1E 0	01	1.2E 0	1.2E 0
	(0)		(-2.2 - 5.8)E 0 (0/ 14)		(-2.2 - 5.8)E 0 (0/ 12)	(-3.5 - 6.0)E 0 (0/ 12)
Pb-212	(26)		4.5E -1	10	1.1E 0	4.3E -1
	(0)		(-1.6 - 3.1)E 0 (0/ 14)		(9.5 - 12.1)E -1 (0/ 2)	(-4.1 - 2.1)E 0 (0/ 12)
Pb-214	(26)		-3.9E -1	01	-1.8E -1	-1.4E 0
	(0)		(-3.6 - 3.5)E 0 (0/ 14)		(-3.6 - 3.5)E 0 (0/ 12)	(-8.3 - 2.1)E 0 (0/ 12)
Bi-214	(26)		2.5E -3	01	3.5E -1	-5.9E -2
	(0)		(-2.7 - 2.3)E 0 (0/ 14)		(-2.5 - 2.3)E 0 (0/ 12)	(-2.5 - 3.5)E 0 (0/ 12)
Ac-228	(26)		1.5E 0	01	1.6E 0	-6.3E -1
	(0)		(-4.3 - 8.4)E 0 (0/ 14)		(-4.3 - 8.4)E 0 (0/ 12)	(-6.3 - 7.6)E 0 (0/ 12)
Th-228	(26)		4.5E -1	10	1.1E 0	4.3E -1
	(0)		(-1.6 - 3.1)E 0 (0/ 14)		(9.5 - 12.1)E -1 (0/ 2)	(-4.1 - 2.1)E 0 (0/ 12)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.5 Ground Water

There is no requirement in the ODCM to collect ground water (WG) samples. For the year, quarterly ground water samples were collected when available from three locations. These samples were collected from the town water line (WG-01) supplied to the Site (by the Town of Seabrook), from an inactive well (WG-13) located approximately 1 km north of the plant, and from a private well 1.3 km NNW (WG-14). For 2025, a total of 12 samples were collected. All samples were analyzed for gross-beta activity, gamma-emitters and tritium.

Gross beta activity was detected in ten of the twelve samples due to naturally-occurring radium and its daughter products. The gross beta activity is consistent with results from previous years of commercial operations. Figures 3.5 and 3.5.1 indicate the current year (2025) and the long-term measurement history for gross beta in well waters. No tritium or plant-related gamma emitters were detected in any of the ground water samples collected during the year. Table 3.5-1 identifies the results of the search for radionuclides of which only naturally-occurring Pb-214 was detected in eight of 12 samples, and Bi-214 in eight of 12 samples.

The dose potential to the public from drinking ground water is not evaluated due to the fact that plant-related radionuclides have not been detected. Therefore, no increasing or decreasing trends were observed. There is no impact to the public, through this pathway, from plant operations.

The REMP Summary Table 3.5-1 lists the range of analysis results by radionuclide for all ground water environmental samples. Attachment 1 to this report lists the individual analysis results for each measurement of ground water under the Sample Type code WG.

Any sample collection and analysis deviations from the ODCM required program or reportable sample concentrations that may have occurred during the year are described in Section 5.

FIGURE 3.5

GROSS-BETA MEASUREMENTS OF GROUND WATER
SEABROOK STATION

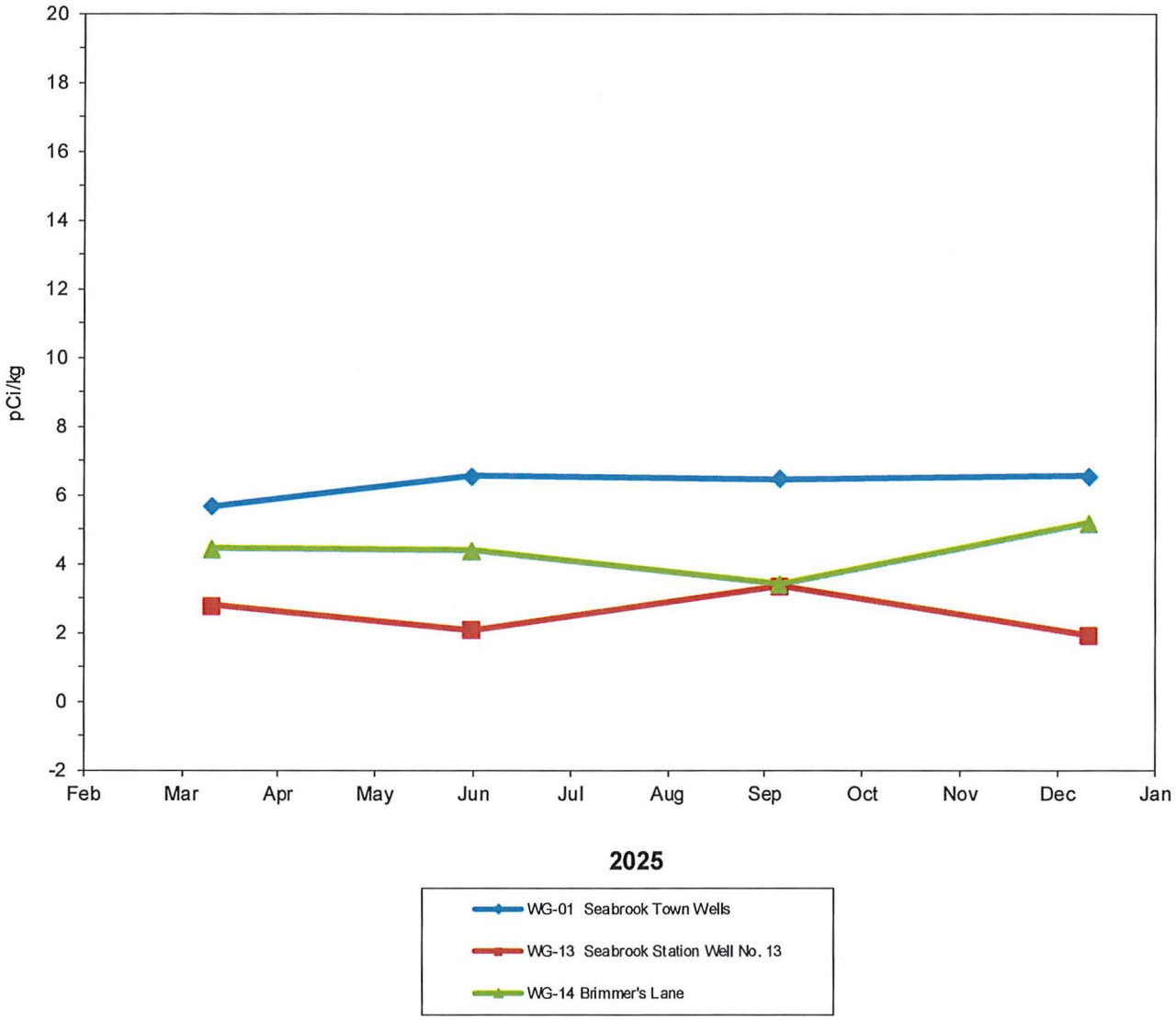


FIGURE 3.5.1

GROSS-BETA MEASUREMENTS OF GROUND WATER
SEMI-ANNUAL AVERAGES
SEABROOK STATION

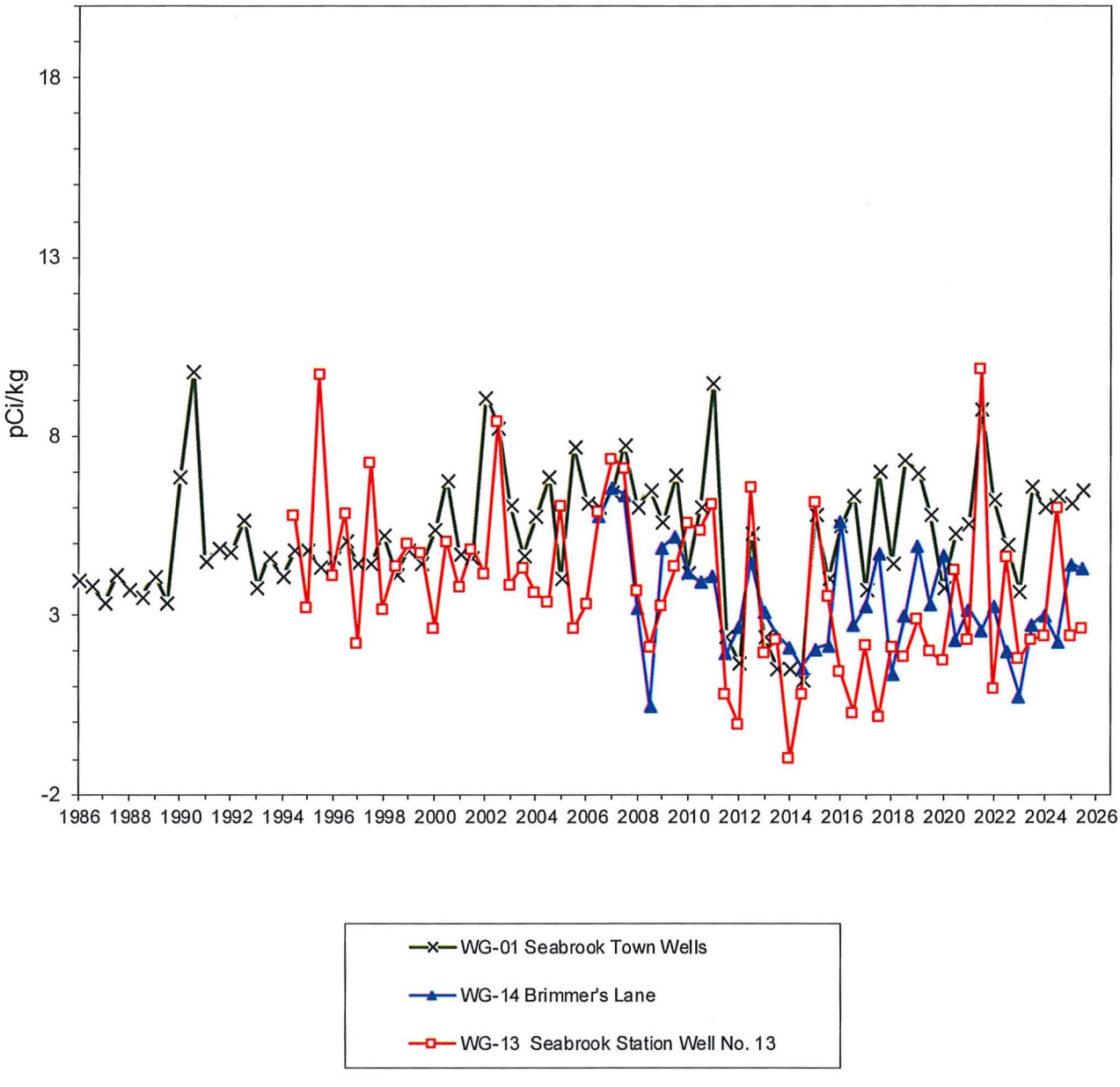


Table 3.5-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Ground Water (WG) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
BETA	(12)	4	4.4E 0	01	6.3E 0	NO DATA
	(0)		(1.9 - 6.6)E 0 (10/ 12)		(5.7 - 6.6)E 0 (4/ 4)	
H-3	(12)	3000	2.2E 1	14	1.4E 2	NO DATA
	(0)		(-3.4 - 3.6)E 2 (0/ 12)		(-3.4 - 362.0)E 0 (0/ 4)	
Be-7	(12)		-2.9E -1	13	7.4E -1	NO DATA
	(0)		(-1.4 - 1.0)E 1 (0/ 12)		(-6.8 - 5.2)E 0 (0/ 4)	
K-40	(12)		-5.8E 0	14	-7.6E -1	NO DATA
	(0)		(-3.0 - 1.3)E 1 (0/ 12)		(-2.0 - 1.3)E 1 (0/ 4)	
Cr-51	(12)		1.8E -1	14	2.3E 0	NO DATA
	(0)		(-6.8 - 7.3)E 0 (0/ 12)		(-1.3 - 7.3)E 0 (0/ 4)	
Mn-54	(12)	15	-2.2E -1	14	1.1E -2	NO DATA
	(0)		(-1.0 - 0.8)E 0 (0/ 12)		(-3.8 - 7.7)E -1 (0/ 4)	
Co-57	(12)		1.4E -1	13	2.1E -1	NO DATA
	(0)		(-7.1 - 7.7)E -1 (0/ 12)		(-7.1 - 7.7)E -1 (0/ 4)	
Co-58	(12)	15	-1.9E -1	01	9.8E -3	NO DATA
	(0)		(-9.6 - 3.6)E -1 (0/ 12)		(-4.2 - 3.5)E -1 (0/ 4)	
Fe-59	(12)	30	2.1E -1	01	1.6E 0	NO DATA
	(0)		(-1.7 - 4.5)E 0 (0/ 12)		(-6.2 - 44.6)E -1 (0/ 4)	
Co-60	(12)	15	4.6E -1	01	8.6E -1	NO DATA
	(0)		(-3.5 - 17.7)E -1 (0/ 12)		(2.1 - 17.7)E -1 (0/ 4)	
Zn-65	(12)	30	-2.1E -1	14	2.1E -1	NO DATA
	(0)		(-2.7 - 1.4)E 0 (0/ 12)		(-4.1 - 14.1)E -1 (0/ 4)	
Se-75	(12)		-4.0E -2	01	2.4E -1	NO DATA
	(0)		(-1.1 - 1.1)E 0 (0/ 12)		(1.6 - 3.4)E -1 (0/ 4)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Ground Water (WG) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Nb-95	(12)	15	-2.6E -1	13	1.3E -1	NO DATA
	(0)		(-1.2 - 0.2)E 0 (0/ 12)		(7.8 - 18.3)E -2 (0/ 4)	
Zr-95	(12)	15	2.5E -1	01	3.5E -1	NO DATA
	(0)		(-3.2 - 13.9)E -1 (0/ 12)		(-2.0 - 13.9)E -1 (0/ 4)	
Ru-103	(12)		-3.5E -1	01	-3.0E -1	NO DATA
	(0)		(-1.2 - 0.5)E 0 (0/ 12)		(-9.8 - -0.1)E -1 (0/ 4)	
Ru-106	(12)		-1.2E 0	14	4.9E -1	NO DATA
	(0)		(-4.6 - 2.5)E 0 (0/ 12)		(-2.0 - 2.5)E 0 (0/ 4)	
Ag-108m	(12)		-1.2E -1	13	2.6E -2	NO DATA
	(0)		(-1.1 - 1.0)E 0 (0/ 12)		(-3.9 - 3.7)E -1 (0/ 4)	
Ag-110m	(12)		5.3E -2	14	7.4E -1	NO DATA
	(0)		(-1.5 - 2.4)E 0 (0/ 12)		(-5.6 - 235.0)E -2 (0/ 4)	
Sb-124	(12)		3.5E -1	01	8.8E -1	NO DATA
	(0)		(-1.2 - 3.0)E 0 (0/ 12)		(3.7 - 29700.0)E -4 (0/ 4)	
Sb-125	(12)		-2.0E -1	13	2.5E -1	NO DATA
	(0)		(-2.0 - 2.0)E 0 (0/ 12)		(-1.1 - 1.7)E 0 (0/ 4)	
I-131	(12)	15	-1.9E -1	01	4.6E -1	NO DATA
	(0)		(-2.2 - 1.9)E 0 (0/ 12)		(-2.3 - 84.7)E -2 (0/ 4)	
Cs-134	(12)	15	-2.0E -1	13	1.1E -2	NO DATA
	(0)		(-1.3 - 0.8)E 0 (0/ 12)		(-3.8 - 4.1)E -1 (0/ 4)	
Cs-137	(12)	18	-9.7E -2	01	6.2E -1	NO DATA
	(0)		(-1.4 - 0.9)E 0 (0/ 12)		(1.9 - 8.8)E -1 (0/ 4)	
Ba-140	(12)	15	7.6E -1	14	1.8E 0	NO DATA
	(0)		(-6.4 - 5.5)E 0 (0/ 12)		(-5.4 - 5.5)E 0 (0/ 4)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Ground Water (WG) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
La-140	(12)	15	-2.9E -1	01	5.6E -3	NO DATA
	(0)		(-1.3 - 0.8)E 0		(-2.3 - 5.0)E -1	
			(0/ 12)		(0/ 4)	
Ce-141	(12)		-1.5E 0	14	-7.2E -1	NO DATA
	(0)		(-7.5 - 1.4)E 0		(-2.3 - 1.4)E 0	
			(0/ 12)		(0/ 4)	
Ce-144	(12)		3.1E -1	13	2.2E 0	NO DATA
	(0)		(-5.1 - 3.5)E 0		(5.8 - 30.2)E -1	
			(0/ 12)		(0/ 4)	
Pb-212	(12)		1.0E 0	14	2.0E 0	NO DATA
	(0)		(-3.6 - 4.4)E 0		(0.0 - 3.8)E 0	
			(0/ 12)		(0/ 4)	
Pb-214	(12)		3.8E 1	14	8.9E 1	NO DATA
	(0)		(0.0 - 2.7)E 2		(1.9 - 27.1)E 1	
			(8/ 12)		(4/ 4)	
Bi-214	(12)		3.0E 1	14	6.5E 1	NO DATA
	(0)		(0.0 - 1.8)E 2		(1.5 - 18.4)E 1	
			(8/ 12)		(4/ 4)	
Ac-228	(12)		-1.3E 0	13	-4.7E -1	NO DATA
	(0)		(-8.1 - 4.1)E 0		(-2.8 - 0.9)E 0	
			(0/ 12)		(0/ 4)	
Th-228	(12)		1.0E 0	14	2.0E 0	NO DATA
	(0)		(-3.6 - 4.4)E 0		(0.0 - 3.8)E 0	
			(0/ 12)		(0/ 4)	

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.6 Sediment

Semiannual sediment sampling is required at one indicator location, although a total of five locations, three indicators and two controls, are collected. The indicator stations are comprised of two sets of beach sediment cores from Hampton Beach (SE-07) and Seabrook Beach (SE-08), plus two sub-tidal sediment cores taken from near the discharge structure (SE-02). The control locations, Plum Island Beach (SE-57) and sub-tidal Ipswich Bay (SE-52), are both located within Ipswich Bay. A total of 10 samples were collected for the year from all locations. All cores were analyzed as single or whole samples without segmenting. A gamma analysis was performed on each core.

Table 3.6-1 identifies the results of the search for radionuclides of which several naturally-occurring were detected. The naturally-occurring radionuclides include K-40 and nuclides of the Uranium-238 decay chain (Th-230, Ra-226, Pb-214 and Bi-214) and the Thorium-232 decay chain (Ac-228, Th-228, Pb-212, and Tl-208). No plant-related radionuclides were detected in any core. No increasing or decreasing trends were observed. This is consistent with the pre-operational program and with previous years of plant operations. There is no plant related dose to the public or impact to the environment from any pathways associated with this media.

The REMP Summary Table 3.6-1 lists the range of analysis results by radionuclide for Indicator and Control Stations for the sediment environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of sediment under the Sample Type code SE.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 5.

Table 3.6-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Sediment (SE) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(10)		-2.6E 1	57	1.0E 2	5.2E 1
	(0)		(-2.7 - 3.0)E 2 (0/ 6)		(9.2 - 11.5)E 1 (0/ 2)	(-1.8 - 1.9)E 2 (0/ 4)
K-40	(10)		1.7E 4	57	1.9E 4	1.6E 4
	(0)		(1.5 - 2.0)E 4 (6/ 6)		(1.7 - 2.0)E 4 (2/ 2)	(1.1 - 2.0)E 4 (4/ 4)
Cr-51	(10)		-5.9E 1	52	1.3E 2	1.5E 1
	(0)		(-2.5 - 0.8)E 2 (0/ 6)		(-5.2 - 31.7)E 1 (0/ 2)	(-1.5 - 3.2)E 2 (0/ 4)
Mn-54	(10)		5.3E 0	52	4.3E 1	3.2E 1
	(0)		(-2.8 - 26.4)E 0 (0/ 6)		(1.9 - 6.7)E 1 (0/ 2)	(1.5 - 6.7)E 1 (0/ 4)
Co-57	(10)		-3.6E -1	02	8.0E 0	-4.6E 0
	(0)		(-1.5 - 1.5)E 1 (0/ 6)		(8.4 - 151.0)E -1 (0/ 2)	(-8.3 - 1.2)E 0 (0/ 4)
Co-58	(10)		7.0E 0	02	2.5E 1	-1.1E 0
	(0)		(-8.2 - 25.1)E 0 (0/ 6)		(2.5 - 2.5)E 1 (0/ 2)	(-2.6 - 2.9)E 1 (0/ 4)
Fe-59	(10)		-1.1E 1	07	2.0E 1	-1.7E 1
	(0)		(-5.6 - 4.3)E 1 (0/ 6)		(-3.4 - 42.7)E 0 (0/ 2)	(-8.4 - 2.1)E 1 (0/ 4)
Co-60	(10)		6.0E 0	08	2.0E 1	-2.5E 0
	(0)		(-7.7 - 35.7)E 0 (0/ 6)		(4.8 - 35.7)E 0 (0/ 2)	(-2.4 - 2.2)E 1 (0/ 4)
Zn-65	(10)		-6.0E 0	02	-1.7E 0	-3.5E 1
	(0)		(-7.9 - 7.6)E 1 (0/ 6)		(-7.9 - 7.6)E 1 (0/ 2)	(-9.6 - 2.1)E 1 (0/ 4)
Se-75	(10)		-5.5E 0	52	2.2E 1	1.1E 1
	(0)		(-2.7 - 0.5)E 1 (0/ 6)		(6.2 - 38.3)E 0 (0/ 2)	(-1.5 - 3.8)E 1 (0/ 4)
Nb-95	(10)		1.3E 0	07	1.4E 1	-1.0E 1
	(0)		(-2.3 - 2.4)E 1 (0/ 6)		(4.2 - 24.1)E 0 (0/ 2)	(-2.1 - 0.1)E 1 (0/ 4)
Zr-95	(10)		-7.9E 0	52	6.6E 1	4.9E 1
	(0)		(-6.7 - 3.0)E 1 (0/ 6)		(0.0 - 1.3)E 2 (0/ 2)	(0.0 - 1.3)E 2 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Sediment (SE) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(10)		2.4E 0	07	1.4E 1	8.7E 0
	(0)		(-1.4 - 2.0)E 1 (0/ 6)		(8.7 - 20.0)E 0 (0/ 2)	(-9.4 - 28.6)E 0 (0/ 4)
Ru-106	(10)		3.6E 1	07	1.4E 2	-1.6E 1
	(0)		(-5.6 - 16.4)E 1 (0/ 6)		(1.1 - 1.6)E 2 (0/ 2)	(-3.1 - 1.3)E 2 (0/ 4)
Ag-108m	(10)		4.9E 0	02	8.1E 0	2.0E 0
	(0)		(-7.6 - 10.3)E 0 (0/ 6)		(6.0 - 10.3)E 0 (0/ 2)	(-4.0 - 11.8)E 0 (0/ 4)
Ag-110m	(10)		-6.9E 0	07	3.8E 0	-1.3E 0
	(0)		(-3.0 - 0.8)E 1 (0/ 6)		(3.7 - 3.9)E 0 (0/ 2)	(-1.4 - 1.2)E 1 (0/ 4)
Sb-124	(10)		-4.1E 0	52	3.8E 1	4.4E 0
	(0)		(-5.3 - 2.7)E 1 (0/ 6)		(-2.7 - 10.4)E 1 (0/ 2)	(-7.6 - 10.4)E 1 (0/ 4)
Sb-125	(10)		4.0E 0	08	3.3E 1	6.9E 0
	(0)		(-2.0 - 5.4)E 1 (0/ 6)		(1.3 - 5.4)E 1 (0/ 2)	(-2.1 - 4.0)E 1 (0/ 4)
I-131	(10)		1.3E 2	02	2.1E 2	1.1E 2
	(0)		(-8.6 - 34.7)E 1 (0/ 6)		(9.3 - 32.9)E 1 (0/ 2)	(-2.5 - 33.5)E 1 (0/ 4)
Cs-134	(10)	150	9.4E 0	08	1.9E 1	5.1E 0
	(0)		(0.0 - 3.0)E 1 (0/ 6)		(7.8 - 29.8)E 0 (0/ 2)	(-6.8 - 27.3)E 0 (0/ 4)
Cs-137	(10)	180	-9.3E 0	08	9.5E 0	8.7E -1
	(0)		(-2.7 - 1.4)E 1 (0/ 6)		(4.7 - 14.4)E 0 (0/ 2)	(-4.7 - 5.5)E 1 (0/ 4)
Ba-140	(10)		6.5E 1	02	1.3E 2	-2.0E 1
	(0)		(-9.6 - 36.5)E 1 (0/ 6)		(-9.6 - 36.5)E 1 (0/ 2)	(-1.4 - 0.9)E 2 (0/ 4)
La-140	(10)		-6.1E 1	52	1.1E 2	-9.9E 0
	(0)		(-1.7 - 1.2)E 2 (0/ 6)		(9.0 - 13.2)E 1 (0/ 2)	(-1.8 - 1.3)E 2 (0/ 4)
Ce-141	(10)		-2.7E 1	57	1.2E 1	3.7E 0
	(0)		(-7.0 - -0.5)E 1 (0/ 6)		(3.5 - 21.4)E 0 (0/ 2)	(-2.9 - 2.1)E 1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Sediment (SE) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-144	(10)		5.2E 1	02	9.1E 1	-2.4E 1
	(0)		(9.3 - 156.0)E 0 (0/ 6)		(2.7 - 15.6)E 1 (0/ 2)	(-7.0 - 0.3)E 1 (0/ 4)
TL-208	(10)		1.8E 2	52	1.0E 3	5.6E 2
	(0)		(0.0 - 5.6)E 2 (4/ 6)		(7.8 - 12.6)E 2 (2/ 2)	(8.7 - 126.0)E 1 (4/ 4)
Pb-212	(10)		8.5E 2	52	3.6E 3	2.1E 3
	(0)		(2.8 - 20.3)E 2 (6/ 6)		(2.6 - 4.7)E 3 (2/ 2)	(4.5 - 46.7)E 2 (4/ 4)
Pb-214	(10)		7.1E 2	52	2.6E 3	1.4E 3
	(0)		(2.8 - 15.9)E 2 (6/ 6)		(1.7 - 3.4)E 3 (2/ 2)	(3.1 - 34.1)E 2 (4/ 4)
Bi-214	(10)		5.8E 2	52	1.9E 3	1.1E 3
	(0)		(2.0 - 14.0)E 2 (6/ 6)		(1.3 - 2.6)E 3 (2/ 2)	(2.5 - 25.9)E 2 (4/ 4)
Ra-226	(10)		7.1E 2	52	2.6E 3	1.4E 3
	(0)		(2.8 - 15.9)E 2 (6/ 6)		(1.7 - 3.4)E 3 (2/ 2)	(3.1 - 34.1)E 2 (4/ 4)
Ac-228	(10)		7.4E 2	52	3.1E 3	1.8E 3
	(0)		(0.0 - 2.1)E 3 (5/ 6)		(2.4 - 3.9)E 3 (2/ 2)	(4.1 - 38.8)E 2 (4/ 4)
Th-228	(10)		8.5E 2	52	3.6E 3	2.1E 3
	(0)		(2.8 - 20.3)E 2 (6/ 6)		(2.6 - 4.7)E 3 (2/ 2)	(4.5 - 46.7)E 2 (4/ 4)
Th-230	(10)		7.1E 2	52	2.6E 3	1.4E 3
	(0)		(2.8 - 15.9)E 2 (6/ 6)		(1.7 - 3.4)E 3 (2/ 2)	(3.1 - 34.1)E 2 (4/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.7 Fish

Semiannual fish (FH) and invertebrate samples are required by the ODCM REMP from two locations. Quarterly collections are attempted to ensure the sampling requirements are met. This section presents the results for fish sampling only. Invertebrate results may be found in Sections 3.8 and 3.9, entitled Lobsters and Shellfish, respectively.

During the year, a total of 9 fish samples were collected. The fish species available from Station FH-03 (indicator station) and Station FH-53 (control station) were dominated by Winter Flounder which are bottom dwelling species. One sample of Cunner was collected from FH-03 (indicator station in the area of the plant's discharge). One sample of Cod was also collected from sample location FH-53 (control station, Ipswich Bay). Also, one sample of Longhorn Sculpin was collected from FH-03 (Hampton Bay in the area of the plant's discharge).

A gamma analysis was performed on the edible portion of each sample collected. In 2025, the only radionuclide detected was naturally-occurring K-40 (9 of 9 samples). Table 3.7-1 summarizes the results for radionuclides in fish. Similar to past years, no plant-related radionuclides were detected in any samples. As a result, no increasing or decreasing trends were observed. Subsequently, there is no dose to the public or impact to the environment through this pathway due to plant operations. This is consistent with previous years of plant operations, as well as the pre-operational program.

In addition to the required program for fish as defined in the ODCM, sampling was attempted to collect a local fish species (Cunner fish) that resides in the upper regions of the water column using an alternate collection method from that used for the more prevalent bottom species (Flounder). For 2025, one Cunner sample was collected from Hampton Bay. The results are listed in Attachment 1 as laboratory number 750087001 (10/23/2025). No plant radionuclides were detected in the Cunner fish sample, with only naturally-occurring K-40 being found.

The REMP Summary Table 3.7-1 also lists the range of analysis results by radionuclide for Indicator and Control Stations for all fish environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of fish under the Sample Type code FH.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 5.

Table 3.7-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(9)		-2.5E 1	53	3.5E 1	3.5E 1
	(0)		(-1.1 - 0.2)E 2 (0/ 5)		(-2.1 - 13.4)E 1 (0/ 4)	(-2.1 - 13.4)E 1 (0/ 4)
K-40	(9)		3.3E 3	53	3.6E 3	3.6E 3
	(0)		(2.6 - 3.7)E 3 (5/ 5)		(3.2 - 4.0)E 3 (4/ 4)	(3.2 - 4.0)E 3 (4/ 4)
Cr-51	(9)		-3.0E 1	53	2.2E 1	2.2E 1
	(0)		(-1.3 - 0.1)E 2 (0/ 5)		(-2.0 - 11.1)E 1 (0/ 4)	(-2.0 - 11.1)E 1 (0/ 4)
Mn-54	(9)	130	-8.4E -1	53	1.6E 0	1.6E 0
	(0)		(-1.8 - 0.8)E 0 (0/ 5)		(-7.9 - 376.0)E -2 (0/ 4)	(-7.9 - 376.0)E -2 (0/ 4)
Co-57	(9)		2.9E -1	53	2.7E 0	2.7E 0
	(0)		(-2.7 - 1.7)E 0 (0/ 5)		(-2.9 - 18.4)E 0 (0/ 4)	(-2.9 - 18.4)E 0 (0/ 4)
Co-58	(9)	130	-4.5E 0	53	3.8E 0	3.8E 0
	(0)		(-1.4 - 0.2)E 1 (0/ 5)		(-2.4 - 11.5)E 0 (0/ 4)	(-2.4 - 11.5)E 0 (0/ 4)
Fe-59	(9)	260	-4.3E -1	53	4.7E -1	4.7E -1
	(0)		(-7.8 - 12.9)E 0 (0/ 5)		(-1.8 - 1.4)E 1 (0/ 4)	(-1.8 - 1.4)E 1 (0/ 4)
Co-60	(9)	130	-8.0E -1	53	7.3E 0	7.3E 0
	(0)		(-3.2 - 1.0)E 0 (0/ 5)		(-6.9 - 2060.0)E -2 (0/ 4)	(-6.9 - 2060.0)E -2 (0/ 4)
Zn-65	(9)	260	3.2E 0	03	3.2E 0	-1.0E -1
	(0)		(1.5 - 5.3)E 0 (0/ 5)		(1.5 - 5.3)E 0 (0/ 5)	(-1.3 - 1.7)E 1 (0/ 4)
Se-75	(9)		1.5E 0	03	1.5E 0	-2.4E 0
	(0)		(-4.6 - 4.9)E 0 (0/ 5)		(-4.6 - 4.9)E 0 (0/ 5)	(-6.7 - 0.3)E 0 (0/ 4)
Nb-95	(9)		-9.5E -1	53	-7.4E -2	-7.4E -2
	(0)		(-2.8 - 0.3)E 0 (0/ 5)		(-1.7 - 0.8)E 0 (0/ 4)	(-1.7 - 0.8)E 0 (0/ 4)
Zr-95	(9)		-1.8E 0	03	-1.8E 0	-7.9E 0
	(0)		(-5.8 - 3.9)E 0 (0/ 5)		(-5.8 - 3.9)E 0 (0/ 5)	(-2.8 - 0.1)E 1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(9)		-4.0E 0	53	5.7E -2	5.7E -2
	(0)		(-1.3 - -0.1)E 1 (0/ 5)		(-1.1 - 0.9)E 0 (0/ 4)	(-1.1 - 0.9)E 0 (0/ 4)
Ru-106	(9)		8.7E 0	03	8.7E 0	-1.2E 1
	(0)		(-2.8 - 3.4)E 1 (0/ 5)		(-2.8 - 3.4)E 1 (0/ 5)	(-3.3 - 1.2)E 1 (0/ 4)
Ag-108m	(9)		1.3E 0	03	1.3E 0	-1.5E -1
	(0)		(3.5 - 21.0)E -1 (0/ 5)		(3.5 - 21.0)E -1 (0/ 5)	(-6.8 - 3.2)E 0 (0/ 4)
Ag-110m	(9)		-2.7E 0	53	1.0E 1	1.0E 1
	(0)		(-1.3 - 0.2)E 1 (0/ 5)		(1.6 - 23.1)E 0 (0/ 4)	(1.6 - 23.1)E 0 (0/ 4)
Sb-124	(9)		-1.8E 1	53	-3.6E 0	-3.6E 0
	(0)		(-5.9 - 0.2)E 1 (0/ 5)		(-7.8 - 0.8)E 0 (0/ 4)	(-7.8 - 0.8)E 0 (0/ 4)
Sb-125	(9)		4.6E 0	53	8.5E 0	8.5E 0
	(0)		(-7.3 - 19.0)E 0 (0/ 5)		(-2.3 - 270.0)E -1 (0/ 4)	(-2.3 - 270.0)E -1 (0/ 4)
I-131	(9)		-3.2E 0	53	6.4E 1	6.4E 1
	(0)		(-8.3 - 4.3)E 1 (0/ 5)		(-3.1 - 223.0)E 0 (0/ 4)	(-3.1 - 223.0)E 0 (0/ 4)
Cs-134	(9)	130	-4.1E 0	53	4.5E 0	4.5E 0
	(0)		(-8.5 - -0.1)E 0 (0/ 5)		(1.3 - 7.9)E 0 (0/ 4)	(1.3 - 7.9)E 0 (0/ 4)
Cs-137	(9)	150	2.2E -1	53	2.0E 0	2.0E 0
	(0)		(-4.1 - 3.3)E 0 (0/ 5)		(-3.1 - 12.4)E 0 (0/ 4)	(-3.1 - 12.4)E 0 (0/ 4)
Ba-140	(9)		1.7E 1	03	1.7E 1	7.5E 0
	(0)		(-6.7 - 12.5)E 1 (0/ 5)		(-6.7 - 12.5)E 1 (0/ 5)	(-1.5 - 2.5)E 1 (0/ 4)
La-140	(9)		-2.7E 1	53	2.6E 1	2.6E 1
	(0)		(-1.1 - 0.0)E 2 (0/ 5)		(-1.3 - 12.3)E 1 (0/ 4)	(-1.3 - 12.3)E 1 (0/ 4)
Ce-141	(9)		-5.5E 0	53	1.5E -1	1.5E -1
	(0)		(-1.4 - -0.1)E 1 (0/ 5)		(-1.1 - 1.0)E 1 (0/ 4)	(-1.1 - 1.0)E 1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-144	(9)		-1.2E 1	53	-6.8E 0	-6.8E 0
	(0)		(-2.9 - 1.6)E 1 (0/ 5)		(-2.5 - 1.0)E 1 (0/ 4)	(-2.5 - 1.0)E 1 (0/ 4)
TL-208	(9)		-3.5E 0	53	1.7E 0	1.7E 0
	(0)		(-7.0 - 0.3)E 0 (0/ 5)		(-6.7 - 9.7)E 0 (0/ 4)	(-6.7 - 9.7)E 0 (0/ 4)
Pb-212	(9)		5.8E 0	03	5.8E 0	-4.5E 0
	(0)		(-9.9 - 15.7)E 0 (0/ 5)		(-9.9 - 15.7)E 0 (0/ 5)	(-9.4 - 0.8)E 0 (0/ 4)
Pb-214	(9)		3.7E 0	53	1.0E 1	1.0E 1
	(0)		(-9.7 - 19.3)E 0 (0/ 5)		(0.0 - 3.9)E 1 (0/ 4)	(0.0 - 3.9)E 1 (0/ 4)
Bi-214	(9)		-8.1E -1	03	-8.1E -1	-1.1E 1
	(0)		(-1.5 - 1.8)E 1 (0/ 5)		(-1.5 - 1.8)E 1 (0/ 5)	(-5.3 - 1.2)E 1 (0/ 4)
Ra-226	(9)		3.7E 0	53	1.0E 1	1.0E 1
	(0)		(-9.7 - 19.3)E 0 (0/ 5)		(0.0 - 3.9)E 1 (0/ 4)	(0.0 - 3.9)E 1 (0/ 4)
Ac-228	(9)		-2.5E 0	53	-1.2E -1	-1.2E -1
	(0)		(-2.0 - 2.2)E 1 (0/ 5)		(-1.8 - 1.5)E 1 (0/ 4)	(-1.8 - 1.5)E 1 (0/ 4)
Th-228	(9)		5.8E 0	03	5.8E 0	-4.5E 0
	(0)		(-9.9 - 15.7)E 0 (0/ 5)		(-9.9 - 15.7)E 0 (0/ 5)	(-9.4 - 0.8)E 0 (0/ 4)
Th-230	(9)		3.7E 0	53	1.0E 1	1.0E 1
	(0)		(-9.7 - 19.3)E 0 (0/ 5)		(0.0 - 3.9)E 1 (0/ 4)	(0.0 - 3.9)E 1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.8 Lobsters

Semiannual fish and invertebrate samples were required from two locations. This section provides the results for one type of invertebrate – *Homarus americanus (*American lobsters) which is an important commercial food species from local waters. Lobsters (HA) were collected from an indicator location near the discharge (HA-04) and from a control location (HA-54) within Ipswich Bay. A total of four samples were collected for the year. Fish and shellfish results may be found in Sections 3.7 and 3.9, respectively.

A gamma analysis was performed on each sample. The only radionuclide detected in lobster samples in 2025 was naturally-occurring K-40 (all samples). Similar to past years, no plant-related radionuclides were detected in any sample. Therefore, no increasing or decreasing trends were observed. Consequently, there is no dose to the public or impact to the environment from this pathway due to plant operations. This is consistent with previous years as well as the pre-operational program.

The REMP Summary Table 3.8-1 also lists the range of analysis results by radionuclide for Indicator and Control Stations for all lobster samples. Attachment 1 to this report lists the individual analysis results for each measurement of lobsters under the Sample Type code HA.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 5.

Table 3.8-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: American Lobster (HA) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(4)		4.8E 0	04	4.8E 0	-3.6E 0
	(0)		(3.5 - 6.0)E 0 (0/ 2)		(3.5 - 6.0)E 0 (0/ 2)	(-1.1 - 0.4)E 1 (0/ 2)
K-40	(4)		2.4E 3	04	2.4E 3	2.3E 3
	(0)		(2.0 - 2.9)E 3 (2/ 2)		(2.0 - 2.9)E 3 (2/ 2)	(2.2 - 2.4)E 3 (2/ 2)
Cr-51	(4)		-1.7E 1	04	-1.7E 1	-2.2E 1
	(0)		(-1.7 - -1.7)E 1 (0/ 2)		(-1.7 - -1.7)E 1 (0/ 2)	(-3.4 - -1.0)E 1 (0/ 2)
Mn-54	(4)	130	-2.1E 0	54	-9.1E -1	-9.1E -1
	(0)		(-5.1 - 0.8)E 0 (0/ 2)		(-2.5 - 0.7)E 0 (0/ 2)	(-2.5 - 0.7)E 0 (0/ 2)
Co-57	(4)		-1.3E 0	04	-1.3E 0	-1.3E 0
	(0)		(-1.9 - -0.8)E 0 (0/ 2)		(-1.9 - -0.8)E 0 (0/ 2)	(-3.1 - 0.4)E 0 (0/ 2)
Co-58	(4)	130	3.8E -1	54	1.4E 0	1.4E 0
	(0)		(-1.4 - 8.9)E -1 (0/ 2)		(5.1 - 23.0)E -1 (0/ 2)	(5.1 - 23.0)E -1 (0/ 2)
Fe-59	(4)	260	-1.3E 0	54	-4.0E -1	-4.0E -1
	(0)		(-4.4 - 1.8)E 0 (0/ 2)		(-6.9 - -1.1)E -1 (0/ 2)	(-6.9 - -1.1)E -1 (0/ 2)
Co-60	(4)	130	3.0E 0	04	3.0E 0	1.2E 0
	(0)		(1.7 - 4.2)E 0 (0/ 2)		(1.7 - 4.2)E 0 (0/ 2)	(-4.7 - 28.4)E -1 (0/ 2)
Zn-65	(4)	260	-2.9E 0	54	4.8E -1	4.8E -1
	(0)		(-3.8 - -2.1)E 0 (0/ 2)		(-7.6 - 17.2)E -1 (0/ 2)	(-7.6 - 17.2)E -1 (0/ 2)
Se-75	(4)		4.9E 0	04	4.9E 0	1.8E 0
	(0)		(1.6 - 8.3)E 0 (0/ 2)		(1.6 - 8.3)E 0 (0/ 2)	(7.1 - 29.4)E -1 (0/ 2)
Nb-95	(4)		-2.2E 0	54	2.2E -1	2.2E -1
	(0)		(-3.3 - -1.0)E 0 (0/ 2)		(-3.7 - 8.2)E -1 (0/ 2)	(-3.7 - 8.2)E -1 (0/ 2)
Zr-95	(4)		1.2E 0	54	1.8E 0	1.8E 0
	(0)		(1.8 - 23.0)E -1 (0/ 2)		(-2.1 - 5.8)E 0 (0/ 2)	(-2.1 - 5.8)E 0 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: American Lobster (HA) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(4)		3.6E 0	04	3.6E 0	1.1E 0
	(0)		(1.6 - 5.6)E 0 (0/ 2)		(1.6 - 5.6)E 0 (0/ 2)	(-9.1 - 220.0)E -2 (0/ 2)
Ru-106	(4)		-2.1E 1	54	2.6E 1	2.6E 1
	(0)		(-3.1 - -1.2)E 1 (0/ 2)		(2.0 - 3.1)E 1 (0/ 2)	(2.0 - 3.1)E 1 (0/ 2)
Ag-108m	(4)		2.8E 0	04	2.8E 0	-2.0E -1
	(0)		(1.1 - 4.4)E 0 (0/ 2)		(1.1 - 4.4)E 0 (0/ 2)	(-1.3 - 0.9)E 0 (0/ 2)
Ag-110m	(4)		-4.6E 0	54	1.0E 0	1.0E 0
	(0)		(-7.6 - -1.6)E 0 (0/ 2)		(-9.3 - 29.3)E -1 (0/ 2)	(-9.3 - 29.3)E -1 (0/ 2)
Sb-124	(4)		2.5E 0	04	2.5E 0	2.4E 0
	(0)		(1.4 - 3.6)E 0 (0/ 2)		(1.4 - 3.6)E 0 (0/ 2)	(1.7 - 3.2)E 0 (0/ 2)
Sb-125	(4)		-3.8E 0	54	3.3E 0	3.3E 0
	(0)		(-7.4 - -0.2)E 0 (0/ 2)		(2.7 - 3.9)E 0 (0/ 2)	(2.7 - 3.9)E 0 (0/ 2)
I-131	(4)		-4.8E 0	04	-4.8E 0	-5.0E 0
	(0)		(-5.3 - -4.4)E 0 (0/ 2)		(-5.3 - -4.4)E 0 (0/ 2)	(-1.0 - 0.0)E 1 (0/ 2)
Cs-134	(4)	130	-2.9E 0	54	9.9E -1	9.9E -1
	(0)		(-4.4 - -1.3)E 0 (0/ 2)		(6.9 - 192.0)E -2 (0/ 2)	(6.9 - 192.0)E -2 (0/ 2)
Cs-137	(4)	150	1.7E 0	04	1.7E 0	3.1E -1
	(0)		(-4.1 - 37.5)E -1 (0/ 2)		(-4.1 - 37.5)E -1 (0/ 2)	(-1.5 - 7.8)E -1 (0/ 2)
Ba-140	(4)		-4.0E 0	54	-1.5E 0	-1.5E 0
	(0)		(-2.3 - 1.5)E 1 (0/ 2)		(-8.0 - 5.0)E 0 (0/ 2)	(-8.0 - 5.0)E 0 (0/ 2)
La-140	(4)		-7.5E -1	54	2.0E 0	2.0E 0
	(0)		(-6.0 - 4.5)E 0 (0/ 2)		(-2.0 - 6.1)E 0 (0/ 2)	(-2.0 - 6.1)E 0 (0/ 2)
Ce-141	(4)		-4.6E 0	54	-1.7E 0	-1.7E 0
	(0)		(-4.9 - -4.3)E 0 (0/ 2)		(-2.4 - -0.9)E 0 (0/ 2)	(-2.4 - -0.9)E 0 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: American Lobster (HA) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-144	(4)		1.0E 1	04	1.0E 1	-3.5E -2
	(0)		(-6.7 - 27.6)E 0 (0/ 2)		(-6.7 - 27.6)E 0 (0/ 2)	(-3.5 - 3.4)E 0 (0/ 2)
TL-208	(4)		5.9E -1	54	2.8E 0	2.8E 0
	(0)		(3.0 - 8.8)E -1 (0/ 2)		(2.0 - 3.7)E 0 (0/ 2)	(2.0 - 3.7)E 0 (0/ 2)
Pb-212	(4)		-8.9E -1	04	-8.9E -1	-3.4E 0
	(0)		(-2.7 - 0.9)E 0 (0/ 2)		(-2.7 - 0.9)E 0 (0/ 2)	(-8.8 - 2.1)E 0 (0/ 2)
Pb-214	(4)		8.0E 0	04	8.0E 0	5.5E -1
	(0)		(7.8 - 152.0)E -1 (0/ 2)		(7.8 - 152.0)E -1 (0/ 2)	(-5.0 - 6.1)E 0 (0/ 2)
Bi-214	(4)		1.1E 1	04	1.1E 1	5.4E 0
	(0)		(7.1 - 15.1)E 0 (0/ 2)		(7.1 - 15.1)E 0 (0/ 2)	(-8.8 - 116.0)E -1 (0/ 2)
Ra-226	(4)		8.0E 0	04	8.0E 0	5.5E -1
	(0)		(7.8 - 152.0)E -1 (0/ 2)		(7.8 - 152.0)E -1 (0/ 2)	(-5.0 - 6.1)E 0 (0/ 2)
Ac-228	(4)		-1.5E 1	54	-9.0E -1	-9.0E -1
	(0)		(-1.7 - -1.3)E 1 (0/ 2)		(-2.0 - 1.8)E 1 (0/ 2)	(-2.0 - 1.8)E 1 (0/ 2)
Th-228	(4)		-8.9E -1	04	-8.9E -1	-3.4E 0
	(0)		(-2.7 - 0.9)E 0 (0/ 2)		(-2.7 - 0.9)E 0 (0/ 2)	(-8.8 - 2.1)E 0 (0/ 2)
Th-230	(4)		8.0E 0	04	8.0E 0	5.5E -1
	(0)		(7.8 - 152.0)E -1 (0/ 2)		(7.8 - 152.0)E -1 (0/ 2)	(-5.0 - 6.1)E 0 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.9 Shellfish

Semiannual fish and invertebrate samples are required by the ODCM from two locations. This section provides the results for shellfish (MU) samples only. In 2025, four locations (two indicators and two controls) were included in the sample collections. Fish and lobster results may be found in the Sections 3.7 and 3.8, entitled Fish and Lobsters, respectively.

During the year there were two species of mussels (MU) harvested for analysis. *Modiolus (horse mussels)* was collected by divers from near the discharge outfall (indicator station MU-06) and from Ipswich Bay (control MU-56). *Mytilus* (blue mussels) were collected from the intertidal areas of Hampton Harbor (indicator MU-09) and Plum Island (control MU-59). A total of eight samples were collected in 2025 and analyzed for radioactivity in the edible portion or meat of the shellfish.

The only radionuclides detected in edible shellfish body samples in 2025 were naturally-occurring Be-7 (2 of 8 samples), K-40 (8 of 8 samples), Ac-228 (1 of 8 samples), Pb-212 (1 of 8 samples), Pb-214 (1 of 8 samples), Th-228 (1 of 8 samples), Th-230 (1 of 8 samples), and Ra-226 (1 of 8 samples). Similar to past years, no plant-related gamma emitting radionuclides were detected in any sample. Therefore, no increasing or decreasing trends were observed. Consequently, there is no dose to the public or impact to the environment from this pathway due to plant operations. This is consistent with the pre-operational program and with previous years of plant operations.

Additional analyses were conducted on the May and November shellfish collections from both indicator (MS-06) and control (MS-56) locations. Mussel shells (MS) were analyzed for Strontium 89 and 90 (four samples) to see if there was any indication of strontium uptake into the shell. For 2025, no Sr-89/90 was detected in any sample. No shell analyses are required by the REMP as defined in the ODCM.

The REMP Summary Table 3.9-1 (mussel bodies) and Table 3.9-2 (mussel shells) list the range of analysis results by radionuclide for Indicator and Control Stations for all shellfish samples. Attachment 1 to this report lists the individual analysis results for each measurement of shellfish under the Sample Type code MU for the edible portions and MS for shells only.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year, are described in Section 5.

Table 3.9-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Mussel Body (MU) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(8)		4.6E 1	59	1.1E 2	7.6E 1
	(0)		(-3.0 - 139.0)E 0 (1/ 4)		(5.3 - 17.1)E 1 (1/ 2)	(3.9 - 17.1)E 1 (1/ 4)
K-40	(8)		1.4E 3	59	1.6E 3	1.5E 3
	(0)		(1.2 - 1.7)E 3 (4/ 4)		(1.5 - 1.6)E 3 (2/ 2)	(1.3 - 1.6)E 3 (4/ 4)
Cr-51	(8)		-1.0E 1	56	2.3E 1	1.5E 1
	(0)		(-6.0 - 1.9)E 1 (0/ 4)		(-2.7 - 47.8)E 0 (0/ 2)	(-3.2 - 4.8)E 1 (0/ 4)
Mn-54	(8)	130	-7.8E -1	56	7.2E -2	-2.9E -1
	(0)		(-1.8 - -0.1)E 0 (0/ 4)		(-3.2 - 4.7)E -1 (0/ 2)	(-2.2 - 0.9)E 0 (0/ 4)
Co-57	(8)		4.7E -1	09	1.0E 0	3.8E -1
	(0)		(-1.6 - 3.6)E 0 (0/ 4)		(-1.6 - 3.6)E 0 (0/ 2)	(-8.5 - 9.0)E -1 (0/ 4)
Co-58	(8)	130	1.1E 0	09	1.4E 0	-1.8E 0
	(0)		(-2.3 - 5.2)E 0 (0/ 4)		(-2.3 - 5.2)E 0 (0/ 2)	(-3.9 - 0.2)E 0 (0/ 4)
Fe-59	(8)	260	-6.0E 0	56	2.9E 0	1.2E 0
	(0)		(-9.7 - -2.3)E 0 (0/ 4)		(1.2 - 4.6)E 0 (0/ 2)	(-1.1 - 4.6)E 0 (0/ 4)
Co-60	(8)	130	-7.2E -1	09	6.7E -1	-1.2E 0
	(0)		(-3.3 - 2.2)E 0 (0/ 4)		(-8.2 - 21.6)E -1 (0/ 2)	(-2.3 - 0.5)E 0 (0/ 4)
Zn-65	(8)	260	2.4E -1	56	4.1E 0	2.2E -1
	(0)		(-8.6 - 12.3)E -1 (0/ 4)		(2.0 - 6.3)E 0 (0/ 2)	(-8.0 - 6.3)E 0 (0/ 4)
Se-75	(8)		2.3E -1	09	1.1E 0	-3.7E -2
	(0)		(-8.5 - 29.0)E -1 (0/ 4)		(-6.6 - 29.0)E -1 (0/ 2)	(-1.2 - 2.0)E 0 (0/ 4)
Nb-95	(8)		-2.8E -1	56	3.5E 0	2.4E 0
	(0)		(-6.1 - 3.9)E 0 (0/ 4)		(-3.1 - 10.2)E 0 (0/ 2)	(-3.1 - 10.2)E 0 (0/ 4)
Zr-95	(8)		8.3E -1	56	6.9E 0	4.8E 0
	(0)		(-2.9 - 4.9)E 0 (0/ 4)		(9.5 - 129.0)E -1 (0/ 2)	(6.9 - 129.0)E -1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Mussel Body (MU) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(8)		-4.4E -1	09	5.8E -1	-2.5E 0
	(0)		(-2.2 - 2.0)E 0 (0/ 4)		(-8.4 - 20.0)E -1 (0/ 2)	(-8.7 - 3.3)E 0 (0/ 4)
Ru-106	(8)		-1.0E 1	56	1.4E 1	-2.9E 0
	(0)		(-2.3 - 0.3)E 1 (0/ 4)		(-1.7 - 4.5)E 1 (0/ 2)	(-3.1 - 4.5)E 1 (0/ 4)
Ag-108m	(8)		-1.6E -1	06	1.5E 0	-3.7E -1
	(0)		(-2.4 - 1.6)E 0 (0/ 4)		(1.3 - 1.6)E 0 (0/ 2)	(-1.4 - 0.4)E 0 (0/ 4)
Ag-110m	(8)		-4.9E -1	56	5.0E 0	2.0E 0
	(0)		(-2.8 - 2.3)E 0 (0/ 4)		(6.7 - 92.6)E -1 (0/ 2)	(-1.4 - 9.3)E 0 (0/ 4)
Sb-124	(8)		-3.0E 0	06	-9.0E -2	-3.5E 0
	(0)		(-1.5 - 0.3)E 1 (0/ 4)		(-3.6 - 3.5)E 0 (0/ 2)	(-9.6 - 1.1)E 0 (0/ 4)
Sb-125	(8)		-1.6E 0	56	7.3E 0	3.9E 0
	(0)		(-6.5 - 4.2)E 0 (0/ 4)		(5.2 - 9.5)E 0 (0/ 2)	(-2.7 - 9.5)E 0 (0/ 4)
I-131	(8)		-8.1E 0	56	5.2E 0	-5.3E 0
	(0)		(-3.8 - 0.6)E 1 (0/ 4)		(3.5 - 7.0)E 0 (0/ 2)	(-2.5 - 0.7)E 1 (0/ 4)
Cs-134	(8)	130	1.4E 0	09	2.0E 0	-6.8E -1
	(0)		(-1.8 - 42.6)E -1 (0/ 4)		(-1.8 - 42.6)E -1 (0/ 2)	(-3.3 - 2.6)E 0 (0/ 4)
Cs-137	(8)	150	1.2E 0	09	1.3E 0	1.6E -2
	(0)		(-1.6 - 4.2)E 0 (0/ 4)		(-1.6 - 4.2)E 0 (0/ 2)	(-8.8 - 9.4)E -1 (0/ 4)
Ba-140	(8)		-2.7E 0	56	9.7E 0	7.4E 0
	(0)		(-3.7 - 1.6)E 1 (0/ 4)		(8.8 - 10.6)E 0 (0/ 2)	(-3.7 - 14.0)E 0 (0/ 4)
La-140	(8)		3.0E -1	06	1.6E 0	-5.5E 0
	(0)		(-2.1 - 2.1)E 0 (0/ 4)		(1.2 - 2.1)E 0 (0/ 2)	(-2.0 - 0.3)E 1 (0/ 4)
Ce-141	(8)		-5.5E 0	59	-2.8E 0	-4.3E 0
	(0)		(-9.9 - -2.6)E 0 (0/ 4)		(-5.4 - -0.2)E 0 (0/ 2)	(-1.1 - 0.0)E 1 (0/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Mussel Body (MU) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-144	(8)		-2.6E -1	09	4.4E 0	-1.0E 0
	(0)		(-2.1 - 1.1)E 1 (0/ 4)		(4.1 - 4.8)E 0 (0/ 2)	(-2.6 - 2.6)E 0 (0/ 4)
TL-208	(8)		-8.3E -1	56	2.8E 0	1.8E 0
	(0)		(-3.5 - 0.2)E 0 (0/ 4)		(4.9 - 50.2)E -1 (0/ 2)	(1.3 - 50.2)E -1 (0/ 4)
Pb-212	(8)		4.6E 0	59	1.0E 1	6.7E 0
	(0)		(0.0 - 1.1)E 1 (0/ 4)		(6.8 - 13.2)E 0 (1/ 2)	(2.3 - 13.2)E 0 (1/ 4)
Pb-214	(8)		1.3E 0	59	6.9E 0	4.9E -1
	(0)		(-2.3 - 7.3)E 0 (0/ 4)		(0.0 - 1.4)E 1 (1/ 2)	(-7.5 - 13.7)E 0 (1/ 4)
Bi-214	(8)		0.0E 0	06	0.0E 0	-1.4E -1
	(0)		(0.0 - 0.0)E 0 (0/ 4)		(0.0 - 0.0)E 0 (0/ 2)	(-5.6 - 0.0)E -1 (0/ 4)
Ra-226	(8)		1.3E 0	59	6.9E 0	4.9E -1
	(0)		(-2.3 - 7.3)E 0 (0/ 4)		(0.0 - 1.4)E 1 (1/ 2)	(-7.5 - 13.7)E 0 (1/ 4)
Ac-228	(8)		6.2E 0	56	1.1E 1	7.0E 0
	(0)		(-1.2 - 2.1)E 1 (0/ 4)		(-1.2 - 3.5)E 1 (1/ 2)	(-1.2 - 3.5)E 1 (1/ 4)
Th-228	(8)		4.6E 0	59	1.0E 1	6.7E 0
	(0)		(0.0 - 1.1)E 1 (0/ 4)		(6.8 - 13.2)E 0 (1/ 2)	(2.3 - 13.2)E 0 (1/ 4)
Th-230	(8)		1.3E 0	59	6.9E 0	4.9E -1
	(0)		(-2.3 - 7.3)E 0 (0/ 4)		(0.0 - 1.4)E 1 (1/ 2)	(-7.5 - 13.7)E 0 (1/ 4)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Table 3.9-2
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Mussel Shell (MS) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Sr-89	**(4)**		-8.9E 1	56	3.3E 1	3.3E 1
	(0)		(-1.4 - -0.4)E 2 (0/ 2)		(-1.1 - 1.7)E 2 (0/ 2)	(-1.1 - 1.7)E 2 (0/ 2)
Sr-90	**(4)**		-7.8E 1	06	-7.8E 1	-1.0E 2
	(0)		(-1.3 - -0.2)E 2 (0/ 2)		(-1.3 - -0.2)E 2 (0/ 2)	(-1.4 - -0.7)E 2 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.10 Irish Moss

There is no REMP technical requirement defined in the ODCM to collect Irish Moss (algae) samples. As a supplement to the required REMP, semiannual Chondrus (Irish Moss) samples were collected from an indicator area (AL-05) near the plant discharge and a control location (AL-55) within Ipswich Bay. If plant-related radionuclides were re-concentrating in the aquatic environment, an early indication of this might be shown in this type of environmental species. Four routine samples (two indicators and two controls) were collected for the year.

A gamma analysis was performed on each sample. Although not required by Table 5.2-1, the LLDs associated with food products were applied to ensure adequate counting statistics. Naturally-occurring K-40 was detected in both indicator and control samples. Moreover, Be-7 was detected in one indicator and two control samples. No plant-related radionuclides were detected in any of the samples. Therefore, no plant-related increasing or decreasing trends were observed. Subsequently, there is no dose or impact to the environment from plant operations. This is consistent with the pre-operational program and previous years of plant operations.

The REMP Summary Table 3.10-1 lists the range of analysis results by radionuclide for Indicator and Control Stations for Irish Moss samples. Attachment 1 lists the individual analysis results for each measurement of Irish moss under the Sample Type code AL.

Any sample collection and analysis deviations from the ODCM defined program, or reportable concentrations that may have occurred during the year, are described in Section 5.

Table 3.10-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Irish Moss (AL) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(4)		1.1E 2	55	1.5E 2	1.5E 2
	(0)		(8.4 - 14.5)E 1 (1/ 2)		(1.5 - 1.6)E 2 (2/ 2)	(1.5 - 1.6)E 2 (2/ 2)
K-40	(4)		8.6E 3	05	8.6E 3	7.3E 3
	(0)		(8.6 - 8.7)E 3 (2/ 2)		(8.6 - 8.7)E 3 (2/ 2)	(6.1 - 8.5)E 3 (2/ 2)
Cr-51	(4)		-2.9E 0	05	-2.9E 0	-3.0E 1
	(0)		(-2.3 - 1.7)E 1 (0/ 2)		(-2.3 - 1.7)E 1 (0/ 2)	(-5.1 - -0.9)E 1 (0/ 2)
Mn-54	(4)		3.3E 0	05	3.3E 0	1.6E 0
	(0)		(1.7 - 4.8)E 0 (0/ 2)		(1.7 - 4.8)E 0 (0/ 2)	(-1.5 - 4.7)E 0 (0/ 2)
Co-57	(4)		9.7E -1	05	9.7E -1	-1.3E 0
	(0)		(-1.2 - 3.2)E 0 (0/ 2)		(-1.2 - 3.2)E 0 (0/ 2)	(-2.0 - -0.7)E 0 (0/ 2)
Co-58	(4)		-2.6E 0	55	7.2E -1	7.2E -1
	(0)		(-4.3 - -0.8)E 0 (0/ 2)		(-3.6 - 147.0)E -2 (0/ 2)	(-3.6 - 147.0)E -2 (0/ 2)
Fe-59	(4)		-7.6E 0	55	-4.7E 0	-4.7E 0
	(0)		(-9.7 - -5.4)E 0 (0/ 2)		(-9.1 - -0.4)E 0 (0/ 2)	(-9.1 - -0.4)E 0 (0/ 2)
Co-60	(4)		-1.3E -1	05	-1.3E -1	-3.1E 0
	(0)		(-2.2 - 1.9)E 0 (0/ 2)		(-2.2 - 1.9)E 0 (0/ 2)	(-7.4 - 1.3)E 0 (0/ 2)
Zn-65	(4)		1.0E 0	05	1.0E 0	-2.4E 0
	(0)		(-6.9 - 27.8)E -1 (0/ 2)		(-6.9 - 27.8)E -1 (0/ 2)	(-5.5 - 0.7)E 0 (0/ 2)
Se-75	(4)		4.1E 0	55	4.8E 0	4.8E 0
	(0)		(2.1 - 6.1)E 0 (0/ 2)		(8.8 - 86.7)E -1 (0/ 2)	(8.8 - 86.7)E -1 (0/ 2)
Nb-95	(4)		2.7E 0	05	2.7E 0	1.5E 0
	(0)		(3.4 - 49.6)E -1 (0/ 2)		(3.4 - 49.6)E -1 (0/ 2)	(1.3 - 1.7)E 0 (0/ 2)
Zr-95	(4)		7.1E 0	05	7.1E 0	-6.2E 0
	(0)		(5.8 - 8.4)E 0 (0/ 2)		(5.8 - 8.4)E 0 (0/ 2)	(-1.3 - 0.1)E 1 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Irish Moss (AL) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(4)		-1.6E 0	55	8.6E -1	8.6E -1
	(0)		(-2.2 - -1.0)E 0 (0/ 2)		(-9.6 - 26.9)E -1 (0/ 2)	(-9.6 - 26.9)E -1 (0/ 2)
Ru-106	(4)		4.1E 1	05	4.1E 1	1.3E 1
	(0)		(2.1 - 6.1)E 1 (0/ 2)		(2.1 - 6.1)E 1 (0/ 2)	(-8.0 - 274.0)E -1 (0/ 2)
Ag-108m	(4)		9.1E -1	55	1.9E 0	1.9E 0
	(0)		(-5.9 - 24.1)E -1 (0/ 2)		(1.1 - 2.7)E 0 (0/ 2)	(1.1 - 2.7)E 0 (0/ 2)
Ag-110m	(4)		-3.5E -3	05	-3.5E -3	-2.1E 0
	(0)		(-8.3 - 7.6)E -2 (0/ 2)		(-8.3 - 7.6)E -2 (0/ 2)	(-2.5 - -1.7)E 0 (0/ 2)
Sb-124	(4)		-2.8E 0	55	5.5E 0	5.5E 0
	(0)		(-8.7 - 3.2)E 0 (0/ 2)		(4.4 - 106.0)E -1 (0/ 2)	(4.4 - 106.0)E -1 (0/ 2)
Sb-125	(4)		2.9E 0	05	2.9E 0	-2.1E 0
	(0)		(2.1 - 3.7)E 0 (0/ 2)		(2.1 - 3.7)E 0 (0/ 2)	(-4.9 - 0.7)E 0 (0/ 2)
I-131	(4)	60	-8.7E 0	55	-3.6E 0	-3.6E 0
	(0)		(-1.7 - 0.0)E 1 (0/ 2)		(-7.2 - 0.0)E 0 (0/ 2)	(-7.2 - 0.0)E 0 (0/ 2)
Cs-134	(4)	60	2.5E 0	05	2.5E 0	-3.1E -1
	(0)		(7.5 - 41.7)E -1 (0/ 2)		(7.5 - 41.7)E -1 (0/ 2)	(-1.2 - 0.6)E 0 (0/ 2)
Cs-137	(4)	80	2.2E 0	05	2.2E 0	1.5E 0
	(0)		(2.1 - 2.4)E 0 (0/ 2)		(2.1 - 2.4)E 0 (0/ 2)	(0.0 - 2.9)E 0 (0/ 2)
Ba-140	(4)		1.5E 1	05	1.5E 1	-3.8E 0
	(0)		(-4.4 - 303.0)E -1 (0/ 2)		(-4.4 - 303.0)E -1 (0/ 2)	(-1.5 - 0.8)E 1 (0/ 2)
La-140	(4)		-2.6E 0	55	2.2E 0	2.2E 0
	(0)		(-6.4 - 1.1)E 0 (0/ 2)		(1.8 - 2.6)E 0 (0/ 2)	(1.8 - 2.6)E 0 (0/ 2)
Ce-141	(4)		-5.1E 0	05	-5.1E 0	-5.7E 0
	(0)		(-5.2 - -5.0)E 0 (0/ 2)		(-5.2 - -5.0)E 0 (0/ 2)	(-1.2 - 0.1)E 1 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Irish Moss (AL) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-144	(4)		2.7E -1	05	2.7E -1	-4.7E 0
	(0)		(-1.8 - 2.3)E 0 (0/ 2)		(-1.8 - 2.3)E 0 (0/ 2)	(-6.9 - -2.5)E 0 (0/ 2)
Ac-228	(4)		-3.7E 0	55	2.0E 1	2.0E 1
	(0)		(-1.2 - 0.5)E 1 (0/ 2)		(1.4 - 2.5)E 1 (0/ 2)	(1.4 - 2.5)E 1 (0/ 2)
Th-228	(4)		2.8E 0	55	7.3E 0	7.3E 0
	(0)		(0.0 - 5.6)E 0 (0/ 2)		(2.9 - 11.8)E 0 (0/ 2)	(2.9 - 11.8)E 0 (0/ 2)
Th-230	(4)		7.9E 0	55	8.7E 0	8.7E 0
	(0)		(0.0 - 1.6)E 1 (0/ 2)		(0.0 - 1.7)E 1 (0/ 2)	(0.0 - 1.7)E 1 (0/ 2)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.11 Food Crop

There is no requirement for food crop or vegetation samples as long as the required milk locations are available. As noted in Section 3.3, milk sampling at the minimum required number of locations in 2025 was not possible due to the limited inventory of milk animal sites in the plant vicinity. To compensate for this, vegetation samples were collected as part of the REMP. Section 3.12 describes the alternate broad leafy vegetation (TG) collections.

In addition to the broad leafy vegetation sampling, nine food crop (TF) samples were collected from three locations listed on Table 2.0-2 (two indicator stations, TF-02 and TF-03, and one control station, TF-06) during the growing season months (June, July, and August). These included strawberries and cored apples in June (Lab numbers 731534004, 5 and 6), tomatoes in July (Lab numbers 735387004, 5 and 6), and green beans in August (Lab numbers 739269001, 2 and 3).

A gamma analysis was performed on each sample. Naturally-occurring K-40 was detected in all nine samples. Similar to past years, no plant-related radionuclides were detected in any samples. Therefore, no increasing or decreasing trends are identified. Subsequently, there is no dose to the public or impact on the environment through this pathway due to plant operations. This is consistent with the pre-operational program and with previous years of plant operations.

The following REMP Summary (Table 3.11-1) lists the range of analysis results by radionuclide for indicator and control stations for the Food Crop environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of Food Crops under the Sample Type code TF.

Any sample collection and analysis deviations from the ODCM defined program, or reportable concentrations that may have occurred during the year, are described in Section 5.

Table 3.11-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Food Crop (TF) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(9)		7.2E 0	06	3.6E 1	3.6E 1
	(0)		(-1.3 - 3.9)E 1 (0/ 6)		(1.2 - 8.3)E 1 (0/ 3)	(1.2 - 8.3)E 1 (0/ 3)
K-40	(9)		2.1E 3	02	2.1E 3	2.1E 3
	(0)		(8.8 - 30.3)E 2 (6/ 6)		(1.7 - 2.6)E 3 (3/ 3)	(1.5 - 2.9)E 3 (3/ 3)
Cr-51	(9)		-5.3E 0	06	1.4E 1	1.4E 1
	(0)		(-1.5 - 0.2)E 1 (0/ 6)		(-7.9 - 29.1)E 0 (0/ 3)	(-7.9 - 29.1)E 0 (0/ 3)
Mn-54	(9)		6.8E -1	03	1.7E 0	-2.8E -1
	(0)		(-2.0 - 3.8)E 0 (0/ 6)		(-4.9 - 37.6)E -1 (0/ 3)	(-9.6 - 1.3)E -1 (0/ 3)
Co-57	(9)		4.0E -2	03	3.2E -1	-7.1E -1
	(0)		(-9.5 - 24.1)E -1 (0/ 6)		(-9.5 - 24.1)E -1 (0/ 3)	(-1.0 - -0.5)E 0 (0/ 3)
Co-58	(9)		1.5E -1	06	1.3E 0	1.3E 0
	(0)		(-9.7 - 10.4)E -1 (0/ 6)		(-2.6 - 4.2)E 0 (0/ 3)	(-2.6 - 4.2)E 0 (0/ 3)
Fe-59	(9)		8.4E -1	06	9.9E 0	9.9E 0
	(0)		(-6.2 - 7.0)E 0 (0/ 6)		(-7.8 - 30.7)E 0 (0/ 3)	(-7.8 - 30.7)E 0 (0/ 3)
Co-60	(9)		1.7E 0	03	3.5E 0	1.6E 0
	(0)		(-9.9 - 85.6)E -1 (0/ 6)		(-9.9 - 85.6)E -1 (0/ 3)	(-3.1 - 42.0)E -1 (0/ 3)
Zn-65	(9)		-3.4E 0	03	-2.2E 0	-4.4E 0
	(0)		(-1.2 - 0.1)E 1 (0/ 6)		(-6.0 - 1.2)E 0 (0/ 3)	(-8.4 - -2.0)E 0 (0/ 3)
Se-75	(9)		3.7E -2	03	7.3E -1	6.5E -1
	(0)		(-3.1 - 6.5)E 0 (0/ 6)		(-3.1 - 6.5)E 0 (0/ 3)	(-2.7 - 3.7)E 0 (0/ 3)
Nb-95	(9)		-1.4E 0	06	9.6E -1	9.6E -1
	(0)		(-5.7 - 1.0)E 0 (0/ 6)		(-3.4 - 21.7)E -1 (0/ 3)	(-3.4 - 21.7)E -1 (0/ 3)
Zr-95	(9)		1.9E 0	03	2.5E 0	2.1E 0
	(0)		(-1.8 - 8.6)E 0 (0/ 6)		(-1.8 - 8.6)E 0 (0/ 3)	(-9.2 - 72.6)E -1 (0/ 3)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Food Crop (TF) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(9)		-3.5E -1	06	3.7E -1	3.7E -1
	(0)		(-3.7 - 2.5)E 0 (0/ 6)		(-1.9 - 1.6)E 0 (0/ 3)	(-1.9 - 1.6)E 0 (0/ 3)
Ru-106	(9)		2.6E 0	06	2.2E 1	2.2E 1
	(0)		(-4.9 - 6.1)E 1 (0/ 6)		(-1.6 - 5.6)E 1 (0/ 3)	(-1.6 - 5.6)E 1 (0/ 3)
Ag-108m	(9)		6.3E -1	02	1.5E 0	-5.3E -2
	(0)		(-3.8 - 7.5)E 0 (0/ 6)		(-3.8 - 7.5)E 0 (0/ 3)	(-9.0 - 4.1)E -1 (0/ 3)
Ag-110m	(9)		-8.2E -1	06	1.2E 0	1.2E 0
	(0)		(-3.7 - 2.2)E 0 (0/ 6)		(-1.1 - 3.0)E 0 (0/ 3)	(-1.1 - 3.0)E 0 (0/ 3)
Sb-124	(9)		-1.9E 0	06	5.2E 0	5.2E 0
	(0)		(-6.6 - 4.5)E 0 (0/ 6)		(2.0 - 128.0)E -1 (0/ 3)	(2.0 - 128.0)E -1 (0/ 3)
Sb-125	(9)		1.1E -1	02	1.7E 0	1.1E 0
	(0)		(-6.8 - 3.8)E 0 (0/ 6)		(3.9 - 37.9)E -1 (0/ 3)	(-9.0 - 24.4)E -1 (0/ 3)
I-131	(9)	60	2.8E 0	02	6.4E 0	-1.8E 0
	(0)		(-8.5 - 11.3)E 0 (0/ 6)		(3.6 - 11.3)E 0 (0/ 3)	(-5.1 - 1.4)E 0 (0/ 3)
Cs-134	(9)	60	1.1E 0	02	1.1E 0	9.3E -1
	(0)		(-9.0 - 43.4)E -1 (0/ 6)		(-9.0 - 43.4)E -1 (0/ 3)	(-8.1 - 21.4)E -1 (0/ 3)
Cs-137	(9)	80	8.4E -1	02	3.4E 0	-6.4E -1
	(0)		(-6.2 - 9.1)E 0 (0/ 6)		(3.7 - 90.5)E -1 (0/ 3)	(-1.8 - 0.7)E 0 (0/ 3)
Ba-140	(9)		-9.9E 0	06	6.6E 0	6.6E 0
	(0)		(-3.6 - 0.6)E 1 (0/ 6)		(-8.9 - 15.8)E 0 (0/ 3)	(-8.9 - 15.8)E 0 (0/ 3)
La-140	(9)		-1.3E 0	03	-3.7E -1	-2.4E 0
	(0)		(-4.4 - 2.4)E 0 (0/ 6)		(-4.4 - 2.4)E 0 (0/ 3)	(-6.1 - 1.3)E 0 (0/ 3)
Ce-141	(9)		-2.3E 0	06	5.8E -1	5.8E -1
	(0)		(-9.0 - 3.9)E 0 (0/ 6)		(-2.5 - 5.8)E 0 (0/ 3)	(-2.5 - 5.8)E 0 (0/ 3)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Food Crop (TF) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-144	(9)		-4.4E 0	02	-3.4E 0	-5.1E 0
	(0)		(-1.3 - 0.5)E 1		(-1.3 - 0.5)E 1	(-1.9 - 0.3)E 1
			(0/ 6)		(0/ 3)	(0/ 3)
Ac-228	(9)		3.4E 0	03	9.9E 0	4.2E 0
	(0)		(-1.0 - 4.0)E 1		(-1.0 - 4.0)E 1	(-7.5 - 20.1)E 0
			(0/ 6)		(0/ 3)	(0/ 3)
Th-228	(9)		-8.0E -1	02	2.0E 0	-8.1E -1
	(0)		(-1.1 - 0.8)E 1		(-3.4 - 8.3)E 0	(-3.8 - 2.1)E 0
			(0/ 6)		(0/ 3)	(0/ 3)
Th-230	(9)		1.5E 0	02	3.1E 0	-5.9E 0
	(0)		(-6.8 - 9.7)E 0		(-2.5 - 6.7)E 0	(-1.2 - 0.0)E 1
			(0/ 6)		(0/ 3)	(0/ 3)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.12 Vegetation

In lieu of milk sampling, the ODCM, Table A.9.1-1, requires that broad leafy vegetation (TG) samples grown in the nearest of two different offsite locations with the highest D/Q, and from one control location 15-30 km distant in the least prevalent wind direction, be collected when available (growing season). Offsite locations are defined in the UFSAR as the land beyond a 3000-foot radius of the two Containment Building centerlines. The analysis of garden locations in the Land Use Census provides a ranking of potential sampling sites for use in determining sampling locations in the general population. Since sampling of broad leaf garden vegetables at high D/Q locations is not feasible due to uncertain availability, other types of broad leafy vegetation were utilized.

Two locations at the site boundary with a maximum D/Q (higher values than determined in the 2025 Land Use Census garden listing) were selected over ranked D/Q gardens in the general population. These two Indicator locations (TG-08 and TG-09) are on site property in areas with available sample media. A third far-field control location (TG-10) was selected in Georgetown, MA. Samples consisted of tree leaves, as broad leaf vegetation provides increased reliability for sample availability. For 2025, a total of 18 monthly (growing season) broad leaf vegetation samples were collected and analyzed by gamma spectroscopy.

A gamma analysis was performed on each sample. Naturally-occurring Be-7 and K-40 were detected in nearly all samples for both indicator and control stations (17/18 and 18/18, respectively). Naturally-occurring Ac-228 and Th-228 were detected in one control location sample. No Cesium-137 was detected although it has been in the past in broad leafy vegetation and evaluated as to the source. The conclusion of the assessment was that world-wide fallout from events un-related to Seabrook operations, such as the March 11, 2011 Fukushima Daiichi accident in Japan and past atmospheric nuclear weapons testing, have led to Cs-137 being deposited on the ground surface in the northeast United States with subsequent root uptake into leaves of long-lived vegetation. This conclusion continues to be supported by the fact that Seabrook Station had no detectable Cs-137 in any gaseous effluents in recent years, including 2025, and by the prevalence of detectable Cs-137 at the control location compared to in-close indicator sampling points. Utilizing the results of broad leaf vegetation sampling for broad leaf food products, it is concluded that there was no dose impact to the public or to the environment through this food ingestion pathway from Seabrook plant operations.

The following REMP Summary (Table 3.12-1) lists the range of analysis results by radionuclide for indicator and control stations for the broad leaf vegetation environmental media. Attachment 1 to this report lists the individual analysis results for each measurement of broad leaf vegetation under the Sample Type code TG.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year, are described in Section 5.

Table 3.12-1
Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Vegetation (TG) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Be-7	(18)		8.8E 2	10	1.3E 3	1.3E 3
	(0)		(3.9 - 23.5)E 2 (12/ 12)		(1.6 - 39.0)E 2 (5/ 6)	(1.6 - 39.0)E 2 (5/ 6)
K-40	(18)		4.1E 3	08	4.1E 3	3.4E 3
	(0)		(2.6 - 6.2)E 3 (12/ 12)		(2.8 - 6.2)E 3 (6/ 6)	(3.1 - 4.0)E 3 (6/ 6)
Cr-51	(18)		-1.0E 1	09	-6.9E 0	-9.6E 0
	(0)		(-9.6 - 9.8)E 1 (0/ 12)		(-9.6 - 9.8)E 1 (0/ 6)	(-6.1 - 4.5)E 1 (0/ 6)
Mn-54	(18)		-6.5E -1	09	3.0E 0	-5.0E -1
	(0)		(-1.6 - 0.8)E 1 (0/ 12)		(-7.8 - 8.2)E 0 (0/ 6)	(-7.6 - 4.9)E 0 (0/ 6)
Co-57	(18)		2.7E 0	09	3.4E 0	1.2E 0
	(0)		(-1.1 - 11.9)E 0 (0/ 12)		(-1.1 - 11.9)E 0 (0/ 6)	(-2.4 - 4.9)E 0 (0/ 6)
Co-58	(18)		-1.3E 0	10	2.1E 0	2.1E 0
	(0)		(-1.2 - 1.2)E 1 (0/ 12)		(-4.8 - 7.9)E 0 (0/ 6)	(-4.8 - 7.9)E 0 (0/ 6)
Fe-59	(18)		-2.7E 0	10	-4.3E -1	-4.3E -1
	(0)		(-3.4 - 1.0)E 1 (0/ 12)		(-2.1 - 1.7)E 1 (0/ 6)	(-2.1 - 1.7)E 1 (0/ 6)
Co-60	(18)		8.3E -2	10	3.0E 0	3.0E 0
	(0)		(-2.0 - 1.1)E 1 (0/ 12)		(-4.3 - 10.5)E 0 (0/ 6)	(-4.3 - 10.5)E 0 (0/ 6)
Zn-65	(18)		1.1E 0	09	7.8E 0	6.1E 0
	(0)		(-3.8 - 3.7)E 1 (0/ 12)		(-6.0 - 37.3)E 0 (0/ 6)	(-8.3 - 231.0)E -1 (0/ 6)
Se-75	(18)		-4.2E -1	10	1.8E 0	1.8E 0
	(0)		(-9.0 - 13.9)E 0 (0/ 12)		(-1.1 - 1.5)E 1 (0/ 6)	(-1.1 - 1.5)E 1 (0/ 6)
Nb-95	(18)		1.5E 0	08	2.9E 0	-2.4E 0
	(0)		(-1.1 - 1.0)E 1 (0/ 12)		(-1.1 - 1.0)E 1 (0/ 6)	(-4.8 - 0.7)E 0 (0/ 6)
Zr-95	(18)		-5.4E 0	08	1.6E -1	-2.5E 0
	(0)		(-4.2 - 1.7)E 1 (0/ 12)		(-1.4 - 1.7)E 1 (0/ 6)	(-1.7 - 0.5)E 1 (0/ 6)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Vegetation (TG) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	Station With Highest Mean Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ru-103	(18)		-1.5E 0	10	2.8E 0	2.8E 0
	(0)		(-9.5 - 13.3)E 0 (0/ 12)		(-5.0 - 88.0)E -1 (0/ 6)	(-5.0 - 88.0)E -1 (0/ 6)
Ru-106	(18)		2.9E 0	10	1.7E 1	1.7E 1
	(0)		(-8.1 - 8.0)E 1 (0/ 12)		(-3.9 - 8.7)E 1 (0/ 6)	(-3.9 - 8.7)E 1 (0/ 6)
Ag-108m	(18)		-2.1E 0	10	3.6E 0	3.6E 0
	(0)		(-1.1 - 0.3)E 1 (0/ 12)		(2.1 - 105.0)E -1 (0/ 6)	(2.1 - 105.0)E -1 (0/ 6)
Ag-110m	(18)		1.6E 0	09	3.5E 0	-4.4E -1
	(0)		(-8.9 - 14.2)E 0 (0/ 12)		(-6.7 - 14.2)E 0 (0/ 6)	(-8.3 - 18.1)E 0 (0/ 6)
Sb-124	(18)		5.1E 0	09	5.3E 0	-1.6E 1
	(0)		(-1.7 - 2.3)E 1 (0/ 12)		(-5.8 - 11.9)E 0 (0/ 6)	(-7.2 - 0.9)E 1 (0/ 6)
Sb-125	(18)		-2.2E 0	08	3.8E 0	-3.9E 0
	(0)		(-6.2 - 2.6)E 1 (0/ 12)		(-7.9 - 24.4)E 0 (0/ 6)	(-1.9 - 0.7)E 1 (0/ 6)
I-131	(18)	60	2.7E 0	08	4.5E 0	-5.8E 0
	(0)		(-5.4 - 22.9)E 0 (0/ 12)		(-5.4 - 22.9)E 0 (0/ 6)	(-2.0 - 1.2)E 1 (0/ 6)
Cs-134	(18)	60	1.1E 0	09	2.0E 0	1.7E 0
	(0)		(-8.6 - 7.7)E 0 (0/ 12)		(-3.0 - 7.7)E 0 (0/ 6)	(-3.8 - 8.9)E 0 (0/ 6)
Cs-137	(18)	80	1.8E 0	09	5.8E 0	3.3E 0
	(0)		(-1.1 - 2.2)E 1 (0/ 12)		(-5.6 - 21.7)E 0 (0/ 6)	(-8.3 - 20.9)E 0 (0/ 6)
Ba-140	(18)		1.7E 1	08	1.9E 1	-1.7E -2
	(0)		(-8.5 - 42.6)E 0 (0/ 12)		(-3.6 - 42.6)E 0 (0/ 6)	(-5.9 - 2.7)E 1 (0/ 6)
La-140	(18)		1.3E -1	09	5.8E 0	4.8E -1
	(0)		(-3.0 - 1.9)E 1 (0/ 12)		(-1.4 - 17.9)E 0 (0/ 6)	(-8.0 - 7.3)E 0 (0/ 6)
Ce-141	(18)		-3.9E 0	09	-2.0E 0	-1.1E 1
	(0)		(-2.3 - 0.9)E 1 (0/ 12)		(-7.1 - 1.0)E 0 (0/ 6)	(-2.3 - 0.3)E 1 (0/ 6)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

Radiological Environmental Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2025)

MEDIUM: Vegetation (TG) UNITS: pCi/kg

Radionuclides (No. Analyses) (Non-Routine*)		Required LLD	Indicator Stations Mean Range (No. Detected**)	Station With Highest Mean Station	 Mean Range (No. Detected**)	Control Stations Mean Range (No. Detected**)
Ce-144	(18)		-6.6E 0	09	-4.3E -1	-4.9E 0
	(0)		(-7.1 - 3.3)E 1		(-5.6 - 3.3)E 1	(-2.3 - 2.2)E 1
			(0/ 12)		(0/ 6)	(0/ 6)
Ac-228	(18)		9.7E 0	09	2.8E 1	2.5E 1
	(0)		(-4.9 - 7.0)E 1		(0.0 - 7.0)E 1	(-2.1 - 61.5)E 0
			(0/ 12)		(0/ 6)	(1/ 6)
Th-228	(18)		8.1E 0	08	1.2E 1	1.1E 1
	(0)		(-3.3 - 49.8)E 0		(0.0 - 5.0)E 1	(-6.5 - 50.0)E 0
			(0/ 12)		(0/ 6)	(1/ 6)
Th-230	(18)		7.7E 0	08	9.3E 0	4.4E 0
	(0)		(-3.2 - 6.1)E 1		(-1.4 - 6.1)E 1	(0.0 - 1.7)E 1
			(0/ 12)		(0/ 6)	(0/ 6)

* Non-Routine refers to those radionuclides that exceeded the Reporting Levels in ODCM Table A.9.1-3.
** The fraction of detectable measurements (i.e., > MDC with no uncertain identification) is shown in parentheses.

3.13 Direct Radiation

Direct gamma radiation exposure was measured with thermoluminescent dosimeters (TLDs). Two TLD badges are placed at each of the designated monitoring stations. Each TLD badge has three $CaSO_4$:Tm elements. The badges were collected and read on a quarterly schedule. A location result is an average of six independent readings per quarter. A total of forty-six stations are located offsite, forty of which are required by the ODCM.

The exposure rates were normalized to a standard 91-day quarter so that quarterly results from any monitoring location can be compared to another location based on an equivalent time period of exposure. A summary of the 2025 data for the plant operational REMP is shown in Table 3.13-1. Figures 3.6 through 3.14 provide a comparison of quarterly TLD location responses in 2025 and illustrate the naturally variation in exposure rates quarter to quarter. Figures 3.6.1 through 3.14.1 provide a long term trend line for each of the environmental TLD locations.

The exposure rate response at individual monitoring stations have occasionally exhibited step changes at some point in the past that are related to changes in local conditions in the area of the dosimeter measurement. As an example, the outer ring TL-33 (a parking lot located 9.8 km south of the plant) was observed for several quarters during 2011 through 2016 to approach or exceed the normal expected environmental fluctuations based on observed history. The average TLD exposure rate from the 2nd quarter 2011 through the 4th quarter of 2013 is reported as 21.8 mR/quarter. For the seven prior quarters (3rd quarter 2009 to the 1st quarter 2011), the average TLD response was 18.6 mR/quarter, or approximately 17% lower than the most recent trend history. Since no other TLDs in the same sector or closer to the plant showed an average increase in measured response above the expected, the change at TL-33 was attributed to a local change in the background radiation associated with parking lot modifications and not with Seabrook Station operations. Field investigations of TL-33 indicated that the parking lot appeared to be re-graded with new fill/gravel material which could have increased the natural concentration of background radiation that the TLD measures. The expected background exposure level for location TL-33 was re-indexed to 20.6 mR/quarter in 2013 to reflect the observed change in background radiation. Three other locations (TL-01, TL-69 and TL-18) also indicated changes in background exposure rates trends over time (un-related to Seabrook operations) and had their expected background exposure levels re-indexed to 17.4 mR/quarter, 13.7 mR/quarter, and 16.3 mR/quarter respectively, in 2013 (for TL-01 and TL-69) and 2019 (for TL-18). The background exposure for location TL-18 was again re-indexed to 18.0 mR/quarter during 2025.

Overall, the REMP direct radiation program showed no statistically significant indication of increased direct radiation above the variable background measured exposure rate in unrestricted areas. This is demonstrated by the fact that indicator location results (as a group) are statistically the same as control locations. The 2025 annual mean of all indicator locations was 16.9 mR/91-day quarter while the mean of all control locations was 18.1 mR/91-day quarter. This indicates that collectively there is no statistical difference in the annual direct dose as a function of distance from the plant. As a result, no direct radiation dose beyond the site boundary was attributed to station operation during 2025.

Starting in 2015, a supplemental analytical method was implemented to evaluate the TLD measurements. Using the method described in ANSI/HPS N13.37-2014, quarterly and annual baseline dose for each TLD location was determined using appropriate statistical analytical methods considering data from 2004 through 2014. Quarterly and annual dose for 2025 was compared to baseline values to determine if an Investigation Level had been exceeded for evaluation of potential dose to a member of the public. An Investigation Level is considered to be exceeded under the following conditions:

$$\text{Quarterly: If } M_Q > (B_Q + MDD_Q), \text{ then } F_Q = M_Q - B_Q$$

where:

M_Q is the normalized quarterly field measurement result,
B_Q is the quarterly baseline background dose,
MDD_Q is the quarterly minimum differential dose, and
F_Q is the quarterly facility related dose.

or:

$$\text{Annually: If } M_A > (B_A + MDD_A), \text{ then } F_A = M_A - B_A$$

where:

M_A is the sum of the four normalized quarterly measurement values,
B_A is the annual baseline background dose,
MDD_A is the annual minimum differential dose,
F_A is the annual facility related dose.

Table 3.13-3 summarizes the evaluation of the TLD measurements using the methodology described in ANSI/HPS N13.37-2014. As noted in Table 3.13-3, TLD locations TL-11 (Site Boundary), TL-12 (Site Boundary) and TL-44 (SB Education Center) were found to have calculated quarterly facility doses of 6.2 mrem, 6.4 mrem and 5.2 mrem, respectively, in the 3rd quarter when comparing the measured TLD value against the quarterly baseline values. The increase in dose is due to a delay in placement of the TLDs at their locations during which time the dosimeters were not shielded (see Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident). TLD location TL-18 (Mill Road, North Hampton) was found to have a calculated annual facility dose of 11.1 mrem when comparing the measured TLD value against the annual baseline value. However, this dose was determined not to be facility related due to the distance of this TLD location with respect to the plant (7.6 km) and the lack of any observed dose for TLD locations closer to the plant. The observed dose is likely a result of a change in the environment at the TLD location. Figure 3.9.1 shows a step increase in the quarterly TLD measurements for this location starting in 2018. For this reason, the quarterly and annual baseline values for this location have been adjusted to incorporate the latest eight years of data. Updating the quarterly and annual baseline calculations to utilize data from 2018 – 2025, results in a quarterly baseline value of 18.9 mrem and an annual baseline value of 75.6 mrem. Using these updated baseline values results in no detectable quarterly or annual dose. These updated baseline values for location TL-18 will continue to be used in future assessments. Similarly, TLD location TL-27 (Highland Street) was found to have a calculated annual facility dose of 12.2 mrem when comparing the measured TLD value against the annual baseline value. However, this dose was determined not to be facility related due to the distance of this TLD location with respect to the plant (7.5 km) and the lack of any observed dose for TLD locations closer to the plant. The observed dose is likely a result of a change in the environment at the TLD location. Figure 3.11.1 shows a step increase in the quarterly TLD measurements for this location starting in 2021. For this reason, the quarterly and annual baseline values for this location have been adjusted to incorporate the latest five years of data. Updating the quarterly and annual baseline calculations to utilize data from 2021 – 2025, results in a quarterly baseline value of 19.0 mrem and an annual baseline value of 75.8 mrem. Using these updated baseline values results in no detectable quarterly or annual dose. These updated baseline values for location TL-27 will continue to be used in future assessments.

The direct radiation-monitoring program demonstrated that no increasing or decreasing trends were detected. Therefore, there was no offsite dose to the public or impact to the environment from the operation of the plant.

Any TLD collection and analysis deviations from the ODCM required program that may have occurred during the year are described in Section 5.

Table 3.13-1

Environmental TLD Measurements
Net Exposure in mR/Standard Quarter (91 days)

2025

Sta. No.	Description	1st Quarter Exp.	S.D.	2nd Quarter Exp.	S.D.	3rd Quarter Exp.	S.D.	4th Quarter Exp.	S.D.	Qtr Ave. Exp.
TL-01	Brimmer's Lane	18.9	± 0.8	16.5	± 0.7	20.0	± 0.9	20.4	± 0.9	19.0
TL-02	Landing Road	15.1	± 0.6	12.6	± 0.7	15.4	± 0.7	15.9	± 0.6	14.8
TL-03	Glade Path	16.1	± 0.7	13.0	± 0.6	15.3	± 0.6	16.2	± 0.8	15.2
TL-04	Island Path	16.5	± 0.7	14.0	± 0.5	17.6	± 0.8	17.9	± 0.9	16.5
TL-05	Harbor Road	16.0	± 0.6	13.0	± 0.8	15.6	± 0.8	16.3	± 0.6	15.2
TL-06	Barge Landing	15.2	± 0.7	12.8	± 0.6	15.8	± 0.7	16.3	± 0.7	15.0
TL-07	Cross Road	14.7	± 0.8	(1)		12.5	± 0.6	13.7	± 0.7	13.6
TL-08	Farm Lane	16.8	± 0.7	12.9	± 0.6	16.0	± 0.6	17.2	± 0.9	15.7
TL-09	Farm Lane	17.3	± 0.7	15.2	± 0.8	18.0	± 0.8	18.2	± 0.9	17.2
TL-10	Site Boundary	15.4	± 1.2	14.9	± 1.3	20.4	± 1.3	15.9	± 0.7	16.7
TL-11	Site Boundary	17.4	± 0.6	16.4	± 0.7	23.4	± 0.9	18.5	± 0.6	18.9
TL-12	Site Boundary	18.5	± 0.8	16.0	± 0.6	24.3	± 1.0	18.9	± 0.7	19.4
TL-13	Inside Site Boundary	18.9	± 0.9	17.4	± 0.7	23.7	± 0.8	19.0	± 0.8	19.8
TL-14	Trailer Park	17.0	± 0.7	14.4	± 0.8	17.4	± 0.7	18.0	± 1.1	16.7
TL-15	Brimmer's Lane	18.9	± 0.7	16.8	± 0.8	21.1	± 0.8	20.4	± 1.0	19.3
TL-16	Brimmer's Lane	17.9	± 0.7	15.3	± 0.7	18.8	± 0.7	18.4	± 0.7	17.6
TL-17	South Road	15.2	± 0.6	13.6	± 0.7	17.4	± 0.9	17.4	± 0.7	15.9
TL-18	Mill Road	18.6	± 0.7	16.3	± 0.8	20.7	± 0.8	20.1	± 1.2	18.9
TL-19	Appledore Avenue	16.4	± 0.7	14.0	± 0.6	16.9	± 0.8	16.6	± 0.6	16.0
TL-20	Ashworth Avenue	17.9	± 0.9	(1)		17.3	± 0.9	19.3	± 0.7	18.2
TL-21	Route 1A	18.8	± 0.8	16.5	± 1.0	18.6	± 0.8	19.8	± 0.7	18.4
TL-22	Cable Avenue	16.1	± 0.7	14.0	± 0.9	15.5	± 0.6	16.9	± 0.7	15.6
TL-23	Ferry Road	16.3	± 0.7	13.3	± 0.6	16.9	± 0.8	17.6	± 0.9	16.0
TL-24	Ferry Lots Lane	17.7	± 0.7	15.5	± 0.7	19.7	± 0.7	19.1	± 0.9	18.0
TL-25	Elm Street	17.2	± 0.8	15.9	± 0.8	18.3	± 0.8	19.5	± 1.1	17.7
TL-26	Route 107A	15.0	± 0.7	13.3	± 0.7	16.5	± 0.7	16.9	± 0.7	15.4
TL-27	Highland Street	19.1	± 0.9	17.0	± 0.8	19.3	± 0.8	20.5	± 0.7	19.0
TL-28	Route 150	17.1	± 0.8	15.7	± 0.7	17.8	± 0.6	18.9	± 0.6	17.4
TL-29	Frying Pan Lane	16.1	± 0.6	14.6	± 0.8	16.8	± 0.8	16.7	± 0.9	16.1
TL-30	Route 27	16.8	± 0.8	15.6	± 0.7	18.4	± 0.8	19.3	± 0.8	17.5
TL-31	Alumni Drive	14.1	± 0.7	12.6	± 0.6	14.7	± 0.7	15.3	± 0.8	14.2
TL-32	SB Elementary School	18.7	± 0.8	16.7	± 0.7	19.0	± 0.8	18.9	± 1.3	18.3
TL-33	Dock Area	12.9	± 0.5	9.5	± 0.5	12.8	± 0.6	12.9	± 0.7	12.0
TL-34	Bow Street	21.2	± 0.8	18.3	± 0.8	23.3	± 0.9	20.7	± 1.0	20.9
TL-35	Lincoln Ack. School	16.7	± 0.8	14.8	± 0.9	18.4	± 1.0	18.0	± 0.7	17.0
TL-36	Route 97(Control)	16.7	± 0.6	12.7	± 0.6	17.5	± 1.0	16.7	± 0.8	15.9
TL-37	Plaistow, NH (Control)	19.3	± 0.9	15.2	± 0.7	19.8	± 0.8	18.9	± 0.7	18.3
TL-38	Hampstead, NH (Control)	19.9	± 0.8	15.8	± 0.8	20.3	± 1.1	20.5	± 0.8	19.1

Table 3.13-1 (Continued)

Environmental TLD Measurements
Net Exposure in mR/Standard Quarter (91 days)

2025

Sta. No.	Description	1st Quarter Exp.	S.D.	2nd Quarter Exp.	S.D.	3rd Quarter Exp.	S.D.	4th Quarter Exp.	S.D.	Qtr. Ave. Exp.
TL-39	Fremont, NH (Control)	21.8	± 0.8	18.3	± 0.7	23.6	± 1.2	22.7	± 0.8	21.6
TL-40	Newmarket, NH (Control)	17.5	± 0.6	14.8	± 0.7	19.4	± 0.9	18.5	± 0.7	17.6
TL-41	Portsmouth, NH (Control)	19.5	± 0.9	15.6	± 0.8	19.3	± 0.9	19.2	± 0.8	18.4
TL-42	Ipswich, MA (Control)	15.9	± 0.6	13.3	± 0.6	16.4	± 0.9	16.9	± 0.8	15.6
TL-44	SB Education Center	15.7	± 0.9	12.8	± 0.8	19.7	± 0.9	14.9	± 0.5	15.8
TL-45	Hampton Fire Station	17.3	± 0.9	15.0	± 0.6	17.8	± 0.8	18.2	± 0.6	17.1
TL-46	SB Police Station	19.0	± 1.0	15.8	± 0.7	18.6	± 0.7	19.1	± 0.8	18.1
TL-47	Route 84	17.0	± 0.7	14.6	± 0.7	17.9	± 1.1	17.7	± 0.7	16.8
	Mean of Indicators	17.0		14.8		18.1		17.8		16.9
	Mean of Controls	18.7		15.1		19.5		19.1		18.1

(1) TLD missing at time of collection.

Table 3.13-2

Pre-Operational Environmental TLD Measurements
Net Exposure in mR/Standard Quarter (91 days)

	1st Quarter Exp.	2nd Quarter Exp.	3rd Quarter Exp.	4th Quarter Exp.	Qtr Ave Over Yr Exp.
1982					
Mean of Indicators	--	17.1	18.1	17.5	17.6
Mean of Controls	--	16.9	18.1	17.9	16.8
1983					
Mean of Indicators	16.7	17.1	18.8	17.9	17.6
Mean of Controls	16.9	17.5	18.7	18.4	17.9
1984					
Mean of Indicators	16.1	17.1	16.9	17.5	17.0
Mean of Controls	17.6	17.4	15.8	18.7	17.4
1985					
Mean of Indicators	16.9	18.0	18.9	16.1	17.4
Mean of Controls	16.8	17.7	18.9	16.1	17.4
1986					
Mean of Indicators	14.0	15.5	15.3	15.0	15.0
Mean of Controls	13.9	18.0	16.8	15.1	16.0
1987					
Mean of Indicators	12.7	14.8	15.0	14.4	14.2
Mean of Controls	13.0	14.8	15.3	15.0	14.6
1988					
Mean of Indicators	13.5	14.1	14.7	14.9	14.3
Mean of Controls	13.3	14.4	18.1	14.6	15.1
1989					
Mean of Indicators	14.4	14.3	--	--	14.4
Mean of Controls	14.0	14.4	--	--	14.2
All Pre-Operational					
Mean of Indicators	14.9	16.0	16.8	16.2	15.9
Mean of Controls	15.1	16.4	17.4	16.5	16.2

Table 3.13-3

Facility Related Dose using ANSI/HPS N13.37-2014 Methodology

		Baseline, B_Q	Quarterly Ave. 2025 Quarterly Monitoring Data, M_Q (mrem/qtr)				Quarterly Facility Dose $F_Q = M_Q - B_Q$				Annual Baseline, B_A	2025 Annual TLD Data, M_A	Annual Facility Dose $F_A = M_A - B_A$
		mrem	1	2	3	4	1	2	3	4	mrem	mrem	
TL-01	Brimmer's Lane	19.6	19.9	17.3	21.0	21.5	ND	ND	ND	ND	78.3	79.7	ND
TL-02	Landing Road	14.5	15.9	13.2	16.2	16.8	ND	ND	ND	ND	57.9	62.1	ND
TL-03	Glade Path	15.7	16.9	13.7	16.0	17.0	ND	ND	ND	ND	62.5	63.6	ND
TL-04	Island Path	16.7	17.4	14.7	18.5	18.9	ND	ND	ND	ND	67.0	69.4	ND
TL-05	Harbor Road	15.3	16.8	13.6	16.4	17.1	ND	ND	ND	ND	61.0	64.0	ND
TL-06	Barge Landing	15.4	15.9	13.5	16.6	17.1	ND	ND	ND	ND	61.6	63.2	ND
TL-07	Cross Road	13.2	15.4	(1)	13.2	14.4	ND	ND	ND	ND	52.5	57.4	ND
TL-08	Farm Lane	16.6	17.7	13.6	16.8	18.0	ND	ND	ND	ND	66.3	66.1	ND
TL-09	Farm Lane	17.2	18.2	16.0	18.9	19.1	ND	ND	ND	ND	68.7	72.1	ND
TL-10*	Site Boundary	17.1	16.2	15.7	21.5	16.7	ND	ND	ND	ND	68.2	70.1	ND
TL-11	Site Boundary	18.4	18.3	17.3	24.6	19.5	ND	ND	(2)	ND	73.4	79.7	ND
TL-12	Site Boundary	19.1	19.5	16.8	25.5	19.9	ND	ND	(3)	ND	76.3	81.7	ND
TL-13	Inside Site Boundary	20.2	19.8	18.3	24.9	20.0	ND	ND	ND	ND	80.9	83.1	ND
TL-14	Trailer Park	16.7	17.8	15.1	18.3	18.9	ND	ND	ND	ND	66.8	70.1	ND
TL-15	Brimmer's Lane	19.7	19.9	17.6	22.2	21.5	ND	ND	ND	ND	78.9	81.2	ND
TL-16	Brimmer's Lane	17.0	18.8	16.1	19.8	19.4	ND	ND	ND	ND	68.2	74.0	ND
TL-17	South Road	17.1	15.9	14.3	18.3	18.3	ND	ND	ND	ND	68.5	66.9	ND
TL-18	Mill Road	18.9	19.5	17.1	21.7	21.1	ND	ND	ND	ND	75.6	79.4	(5)
TL-19	Appledore Avenue	16.3	17.2	14.7	17.8	17.5	ND	ND	ND	ND	65.3	67.2	ND
TL-20	Ashworth Avenue	18.4	18.8	(1)	18.2	20.3	ND	ND	ND	ND	73.8	76.3	ND
TL-21	Route 1A	17.4	19.7	17.3	19.6	20.8	ND	ND	ND	ND	69.6	77.5	ND
TL-22	Cable Avenue	17.2	16.9	14.7	16.3	17.8	ND	ND	ND	ND	68.7	65.8	ND
TL-23	Ferry Road	16.5	17.1	14.0	17.8	18.5	ND	ND	ND	ND	65.9	67.4	ND
TL-24	Ferry Lots Lane	16.8	18.6	16.2	20.7	20.1	ND	ND	ND	ND	67.2	75.7	ND
TL-25	Elm Street	16.4	18.1	16.7	19.2	20.5	ND	ND	ND	ND	65.5	74.5	ND
TL-26	Route 107A	16.2	15.7	14.0	17.4	17.8	ND	ND	ND	ND	64.9	64.9	ND
TL-27	Highland Street	19.0	20.1	17.9	20.3	21.5	ND	ND	ND	ND	75.8	79.8	(6)

Table 3.13-3 (Continued)

Facility Related Dose using ANSI/HPS N13.37-2014 Methodology

TL-28	Route 150	17.0	18.0	16.5	18.8	19.8	ND	ND	ND	ND	68.2	73.0	ND
TL-29	Frying Pan Lane	16.2	17.0	15.3	17.7	17.5	ND	ND	ND	ND	64.8	67.5	ND
TL-30	Route 27	16.5	17.6	16.4	19.4	20.3	ND	ND	ND	ND	66.1	73.8	ND
TL-31	Alumni Drive	15.0	14.8	13.2	15.5	16.1	ND	ND	ND	ND	59.9	59.5	ND
TL-32	SB Elementary School	18.7	19.6	17.5	20.0	19.8	ND	ND	ND	ND	74.8	76.9	ND
TL-33	Dock Area	12.0	13.5	10.0	13.4	13.6	ND	ND	ND	ND	48.1	50.5	ND
TL-34	Bow Street	20.5	22.3	19.2	24.5	21.7	ND	ND	ND	ND	82.2	87.8	ND
TL-35	Lincoln Ack. School	19.1	17.5	15.5	19.4	18.9	ND	ND	ND	ND	76.3	71.4	ND
TL-36	Route 97(Control)	16.2	17.6	13.4	18.4	17.6	ND	ND	ND	ND	65.1	66.9	ND
TL-37	Plaistow, NH (Control)	18.9	20.2	16.0	20.8	19.8	ND	ND	ND	ND	75.7	76.9	ND
TL-38	Hampstead, NH (Control)	20.8	20.9	16.6	21.4	21.6	ND	ND	ND	ND	83.3	80.4	ND
TL-39	Fremont, NH (Control)	22.4	22.9	19.2	24.8	23.9	ND	ND	ND	ND	89.6	90.9	ND
TL-40	Newmarket, NH (Control)	17.6	18.4	15.6	20.4	19.4	ND	ND	ND	ND	70.3	73.8	ND
TL-41	Portsmouth, NH (Control)	17.8	20.5	16.4	20.3	20.2	ND	ND	ND	ND	71.1	77.4	ND
TL-42	Ipswich, MA (Control)	15.1	16.7	13.9	17.2	17.7	ND	ND	ND	ND	60.1	65.6	ND
TL-44	SB Education Center	15.5	16.5	13.4	20.8	15.6	ND	ND	(4)	ND	62.0	66.3	ND
TL-45	Hampton Fire Station	17.7	18.2	15.7	18.7	19.2	ND	ND	ND	ND	71.1	71.8	ND
TL-46	SB Police Station	17.5	20.0	16.6	19.5	20.1	ND	ND	ND	ND	70.2	76.2	ND
TL-47	Route 84	16.4	17.9	15.4	18.8	18.6	ND	ND	ND	ND	65.6	70.6	ND

MDD_Q = 4.8 = minimum differential exposure, quarterly, 3 times 90th percentile S_Q determined from analysis in mrem.

MDD_A = 9.4 = minimum differential exposure, annual, 3 times 90th percentile S_A determined from analysis in mrem.

B_Q = Quarterly baseline exposure (mrem).

M_Q = location's 91 day standard quarterly exposure (mrem).

B_A = Quarterly baseline background average exposure (mrem).

M_A = Annual monitoring data , determined by summing the quarterly data over all four quarters (mrem).

ND = Facility contribution to exposure "Not Detected"

Notes for Table 3.13-3

* During the 3rd quarter of 2016, a new monitoring location for TL-10 was initiated due to the planned removal of a rock pile along the SSW boundary and the pole on which TL-10 was located. The new location was still located on the site boundary in the SSW sector, but on a new pole that would not be impacted by the debris removal. Therefore, the quarterly and annual baseline values for TL-10 were updated in 2023 using data associated with this new location taken from 2017 – 2022, resulting in updated quarterly and annual baseline values of 17.1 mrem and 68.2 mrem, respectively.

(1) TLD missing at time of collection.

(2) A quarterly dose of 6.2 mrem was calculated for TLD location TL-11 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(3) A quarterly dose of 6.4 mrem was calculated for TLD location TL-27 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(4) A quarterly dose of 5.2 mrem was calculated for TLD location TL-44 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(5) An annual dose of 11.1 mrem was calculated for location TL-18 using the ANSI/HPS N13.37-2014 methodology. However, this dose was determined not to be facility related due to the distance of this TLD location with respect to the plant (7.6 km) and the lack of any observed dose for TLD locations closer to the plant. The observed dose is likely a result of a change in the environment at the TLD location. Figure 3.9.1 shows a step increase in the quarterly TLD values for this location starting in 2018. For this reason, the quarterly and annual baseline values for this location have been adjusted to incorporate the most recent eight years of data. Updating the quarterly and annual baseline calculations to utilize data from 2018-2025, results in a quarterly baseline value of 18.9 mrem and an annual baseline value of 75.6 mrem. Using these updated values results in no detectable quarterly or annual dose when compared to the baseline values. These updated baseline values for location TL-18 will continue to be used in future assessments.

(6) An annual dose of 12.2 mrem was calculated for location TL-27 using the ANSI/HPS N13.37-2014 methodology. However, this dose was determined not to be facility related due to the distance of this TLD location with respect to the plant (7.5 km) and the lack of any observed dose for TLD locations closer to the plant. The observed dose is likely a result of a change in the environment at the TLD location. Figure 3.11.1 shows a step increase in the quarterly TLD values for this location starting in 2021. For this reason, the quarterly and annual baseline values for this location have been adjusted to incorporate the most recent five years of data. Updating the quarterly and annual baseline calculations to utilize data from 2021-2025, results in a quarterly baseline value of 19.0 mrem and an annual baseline value of 75.8 mrem. Using these updated values results in no detectable quarterly or annual dose when compared to the baseline values. These updated baseline values for location TL-27 will continue to be used in future assessments.

FIGURE 3.6

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

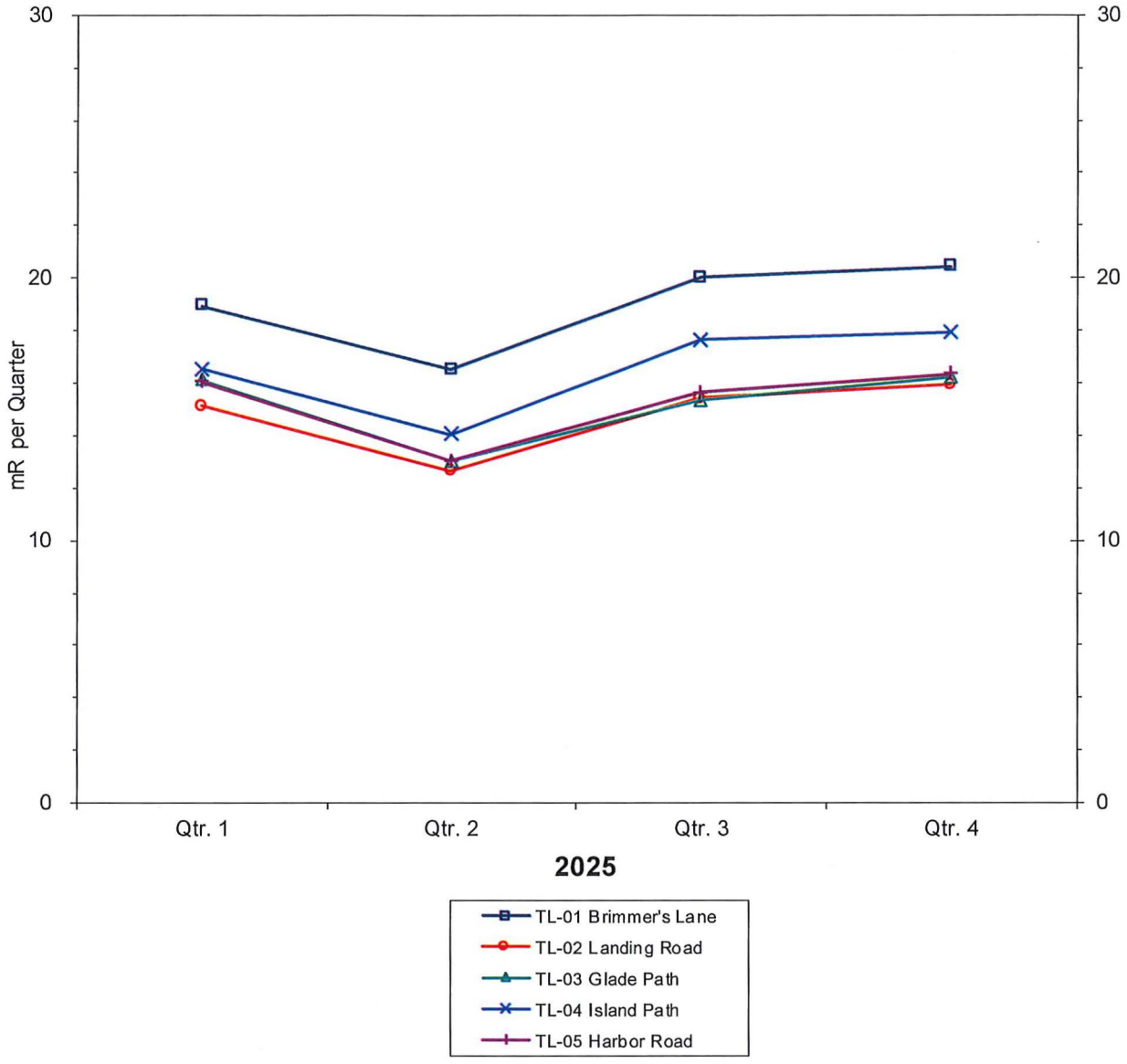


FIGURE 3.6.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

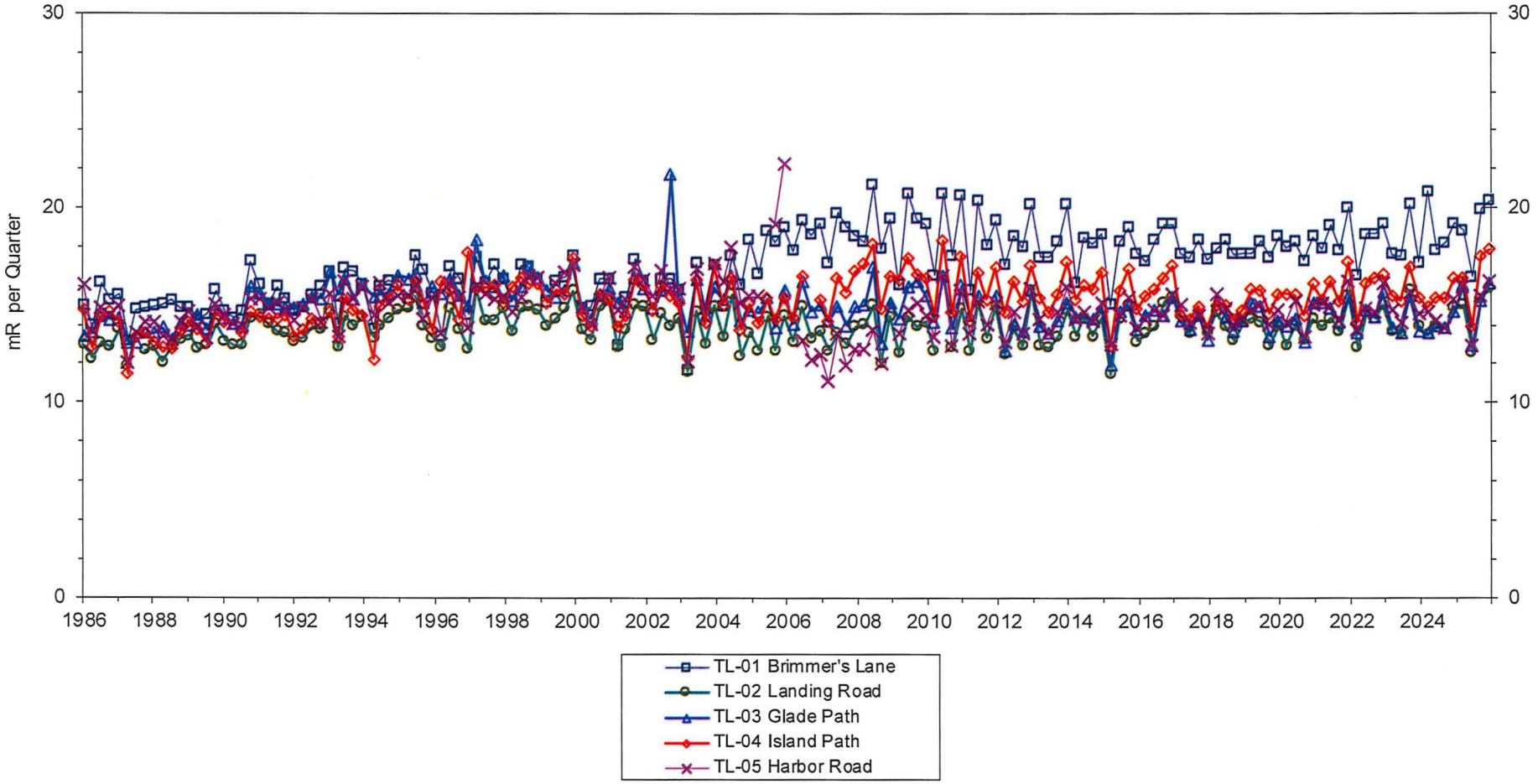


FIGURE 3.7

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

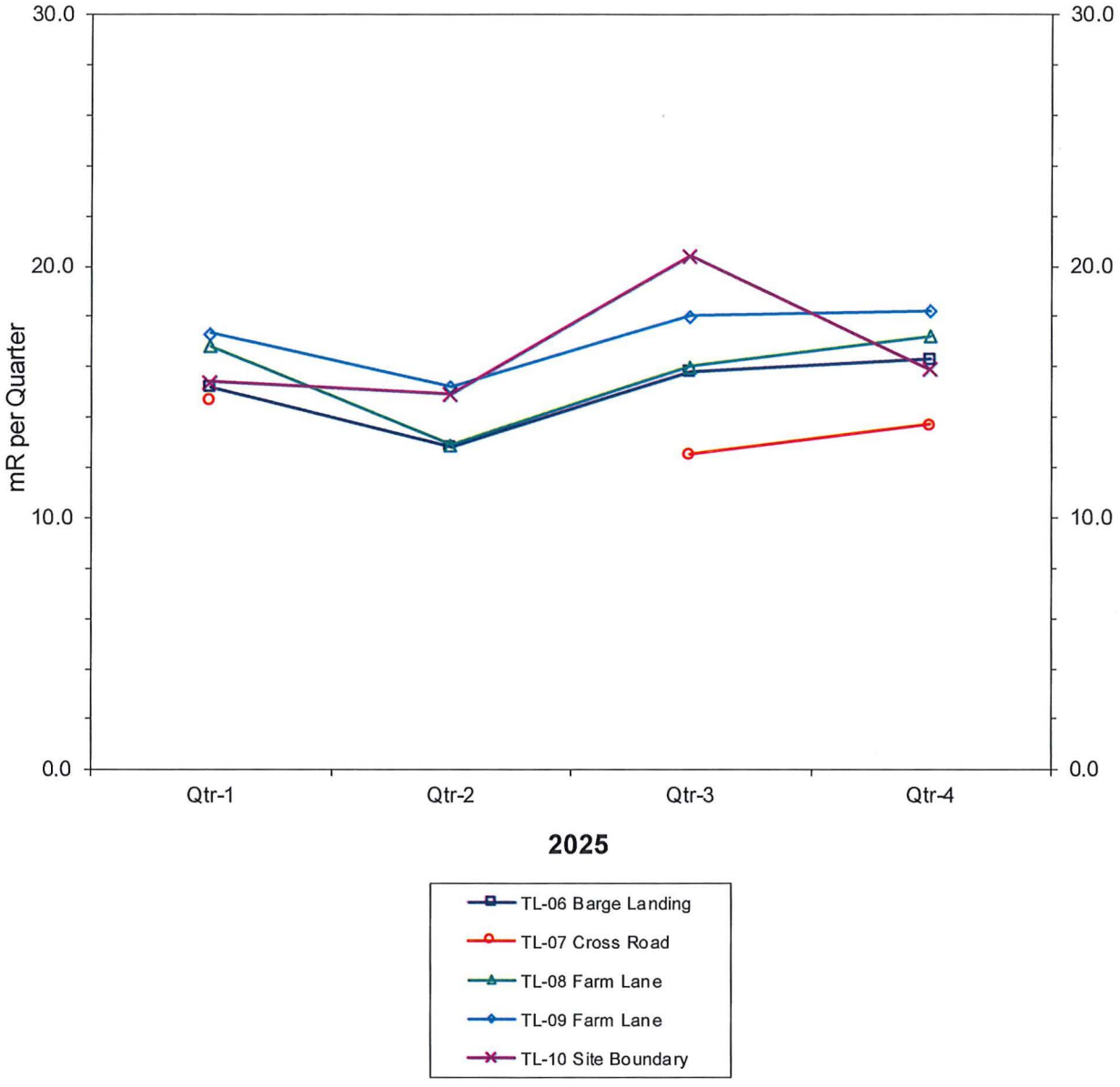


FIGURE 3.7.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

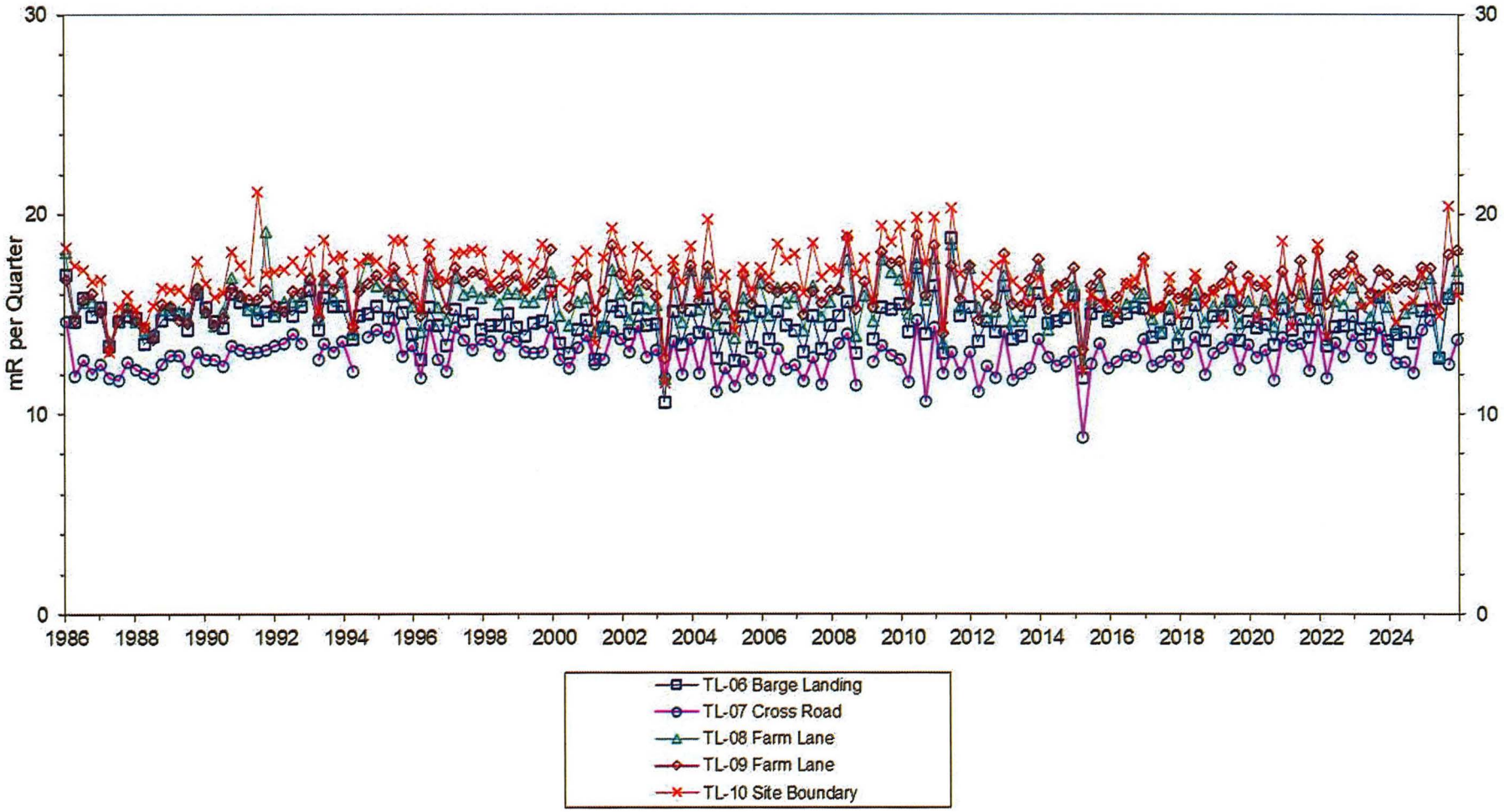


FIGURE 3.8

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

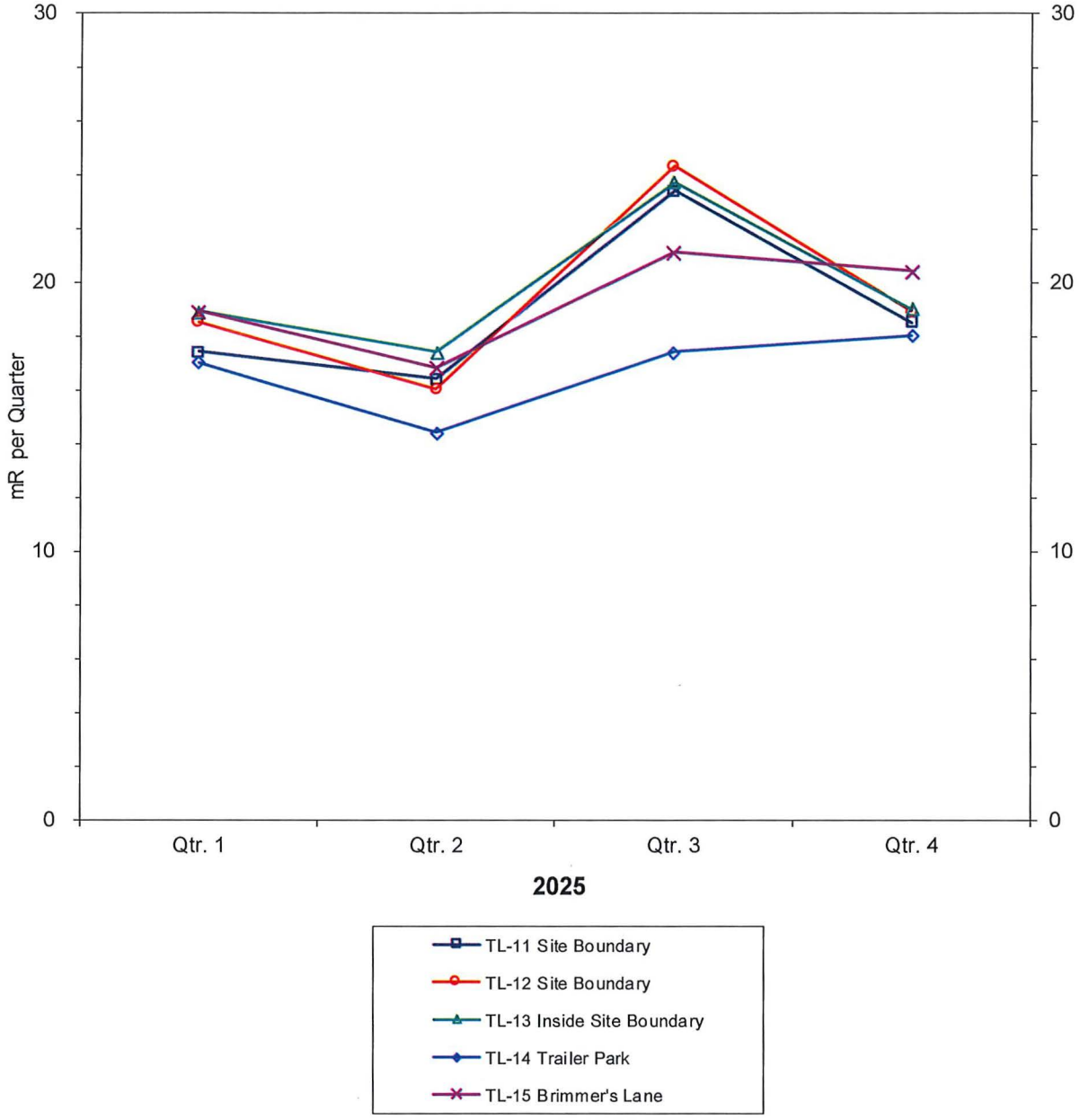


FIGURE 3.8.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

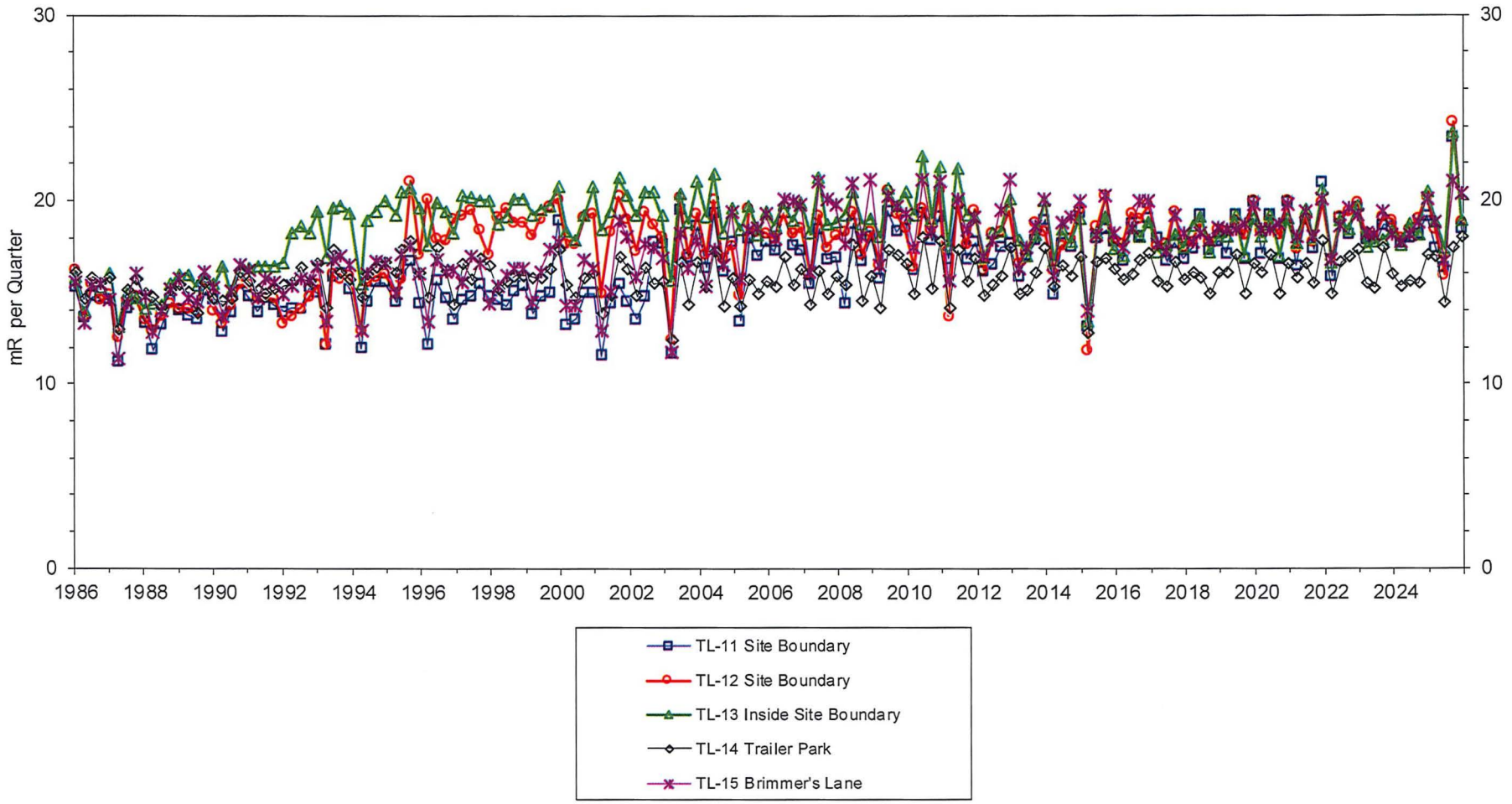


FIGURE 3.9

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

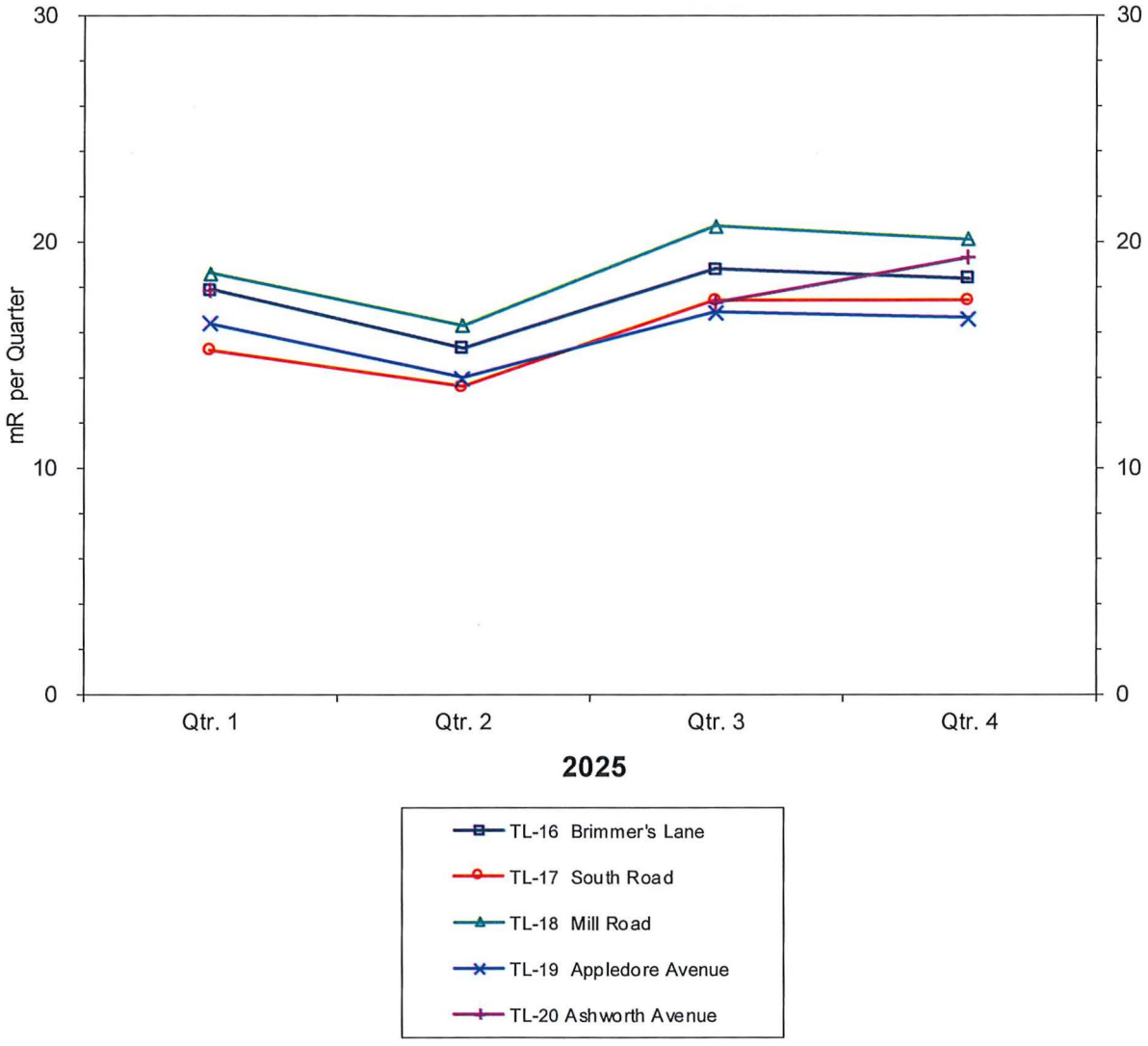


FIGURE 3.9.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

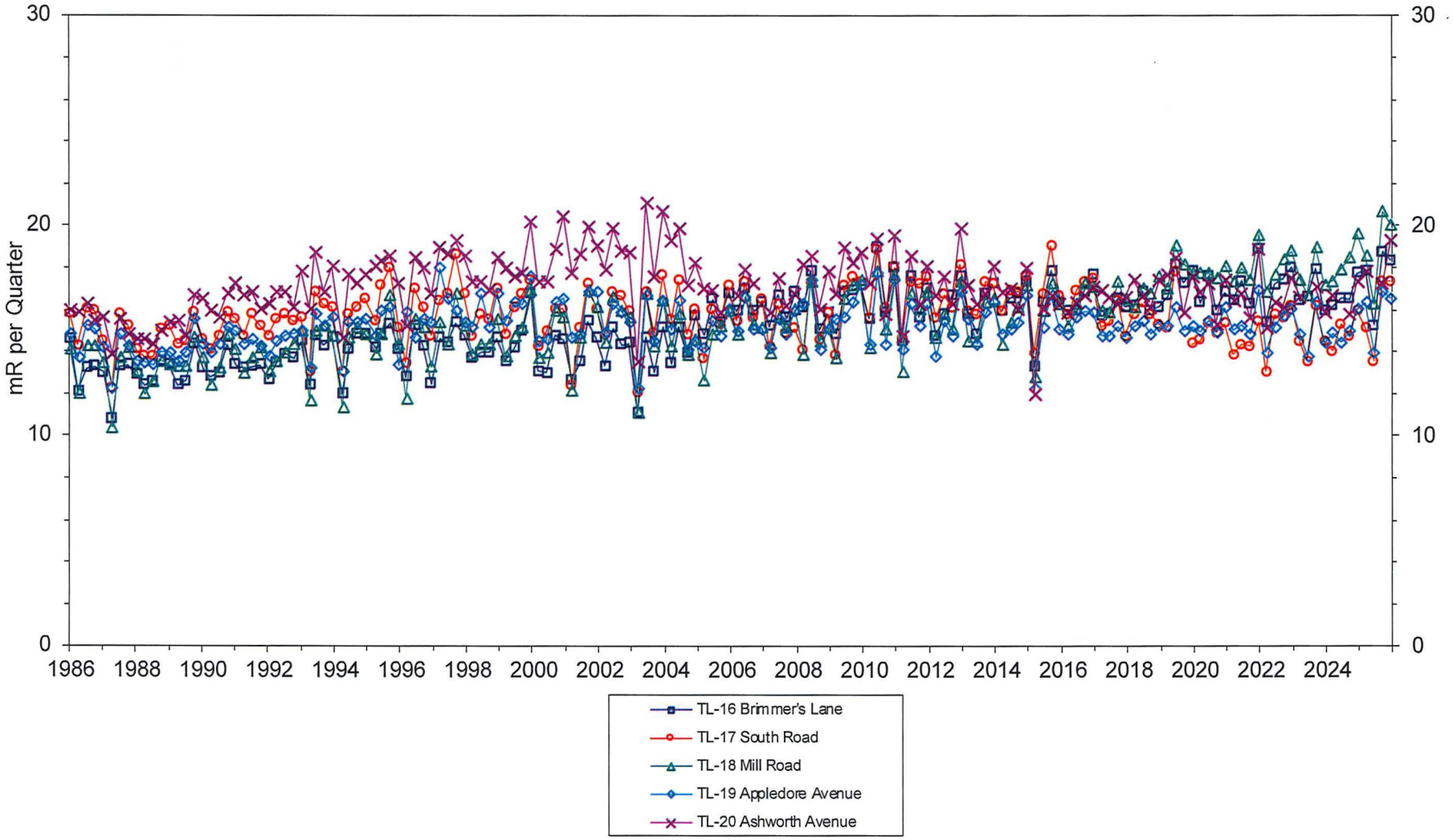


FIGURE 3.10

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

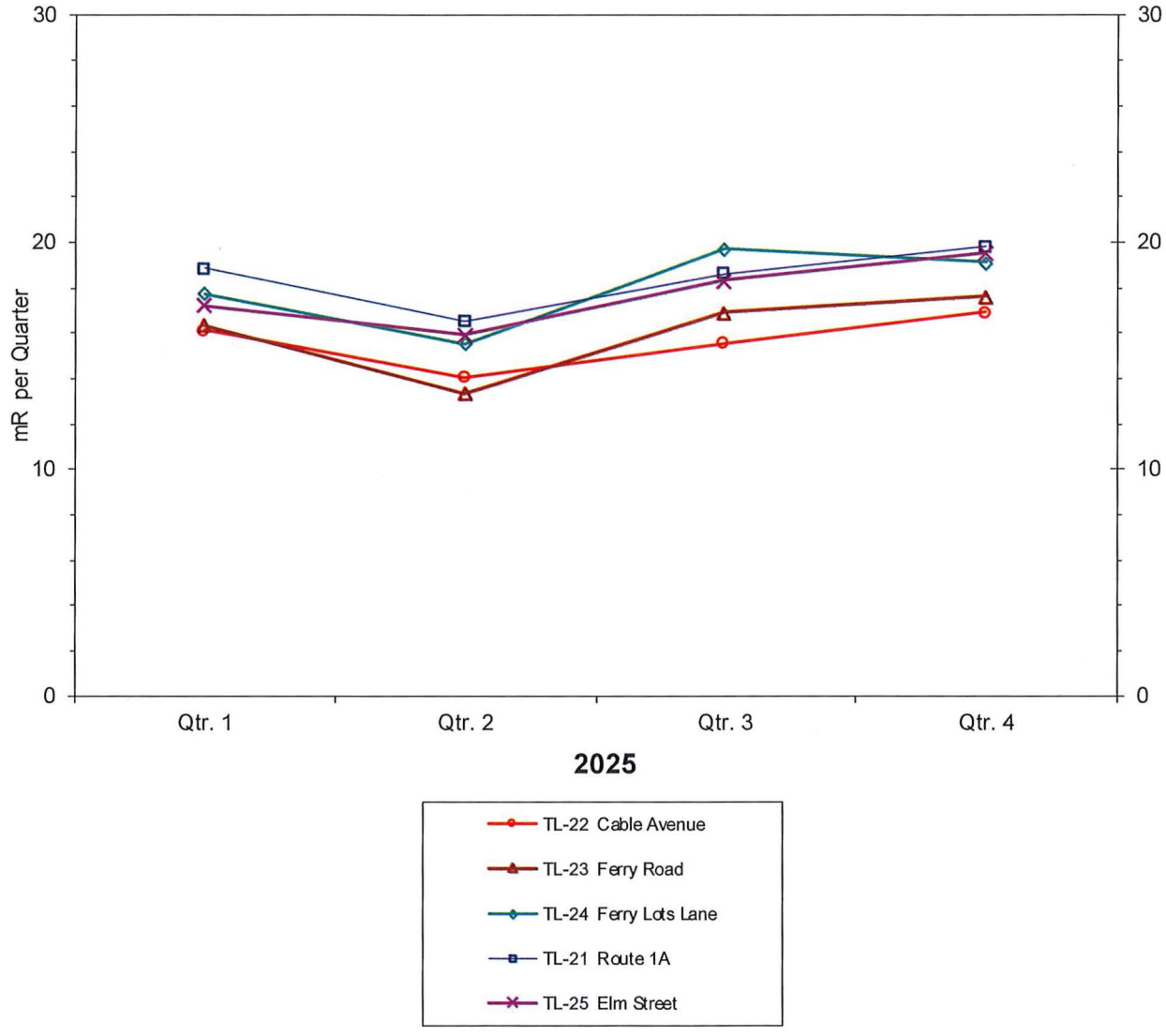


FIGURE 3.10.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

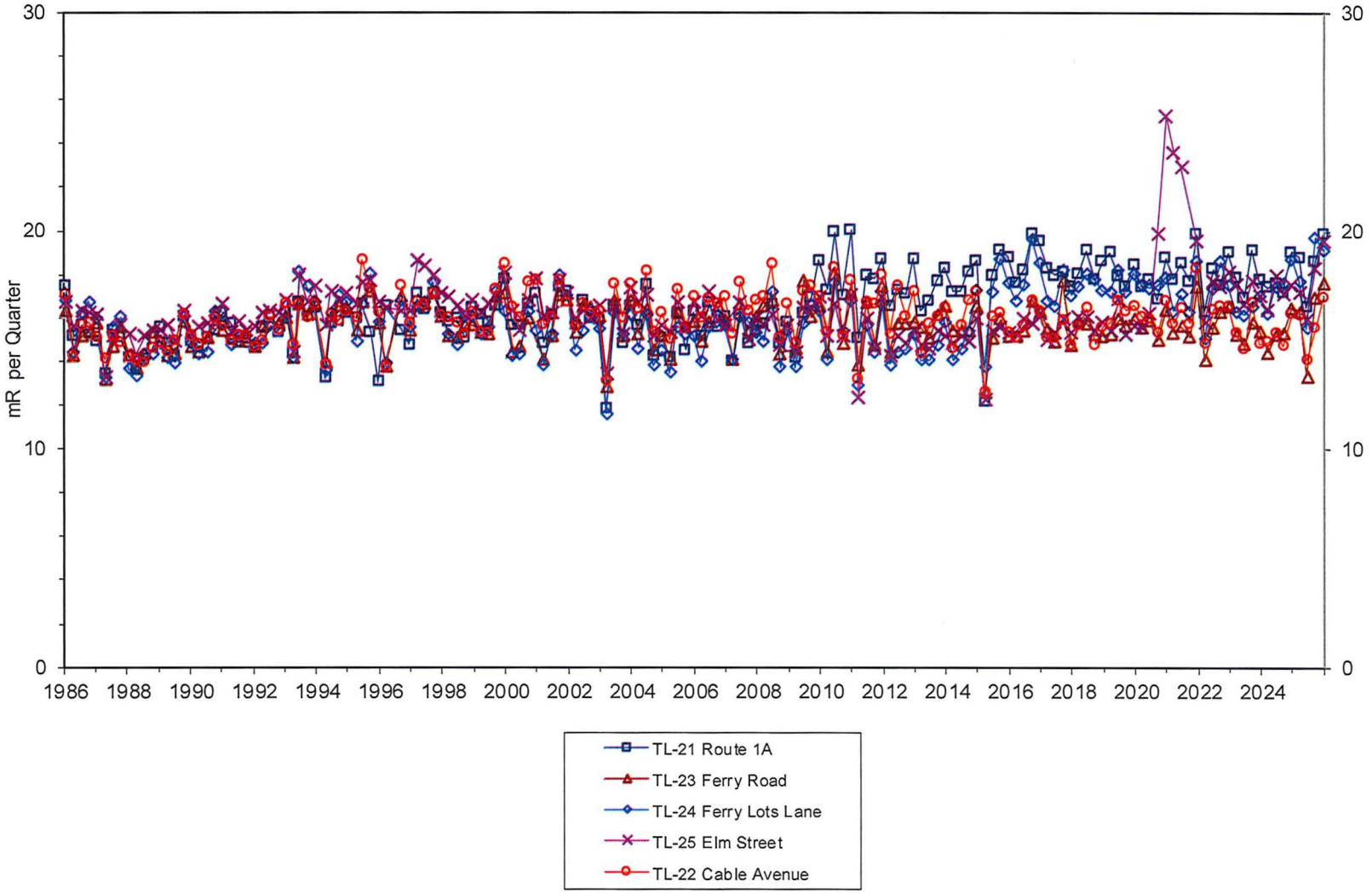


FIGURE 3.11

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

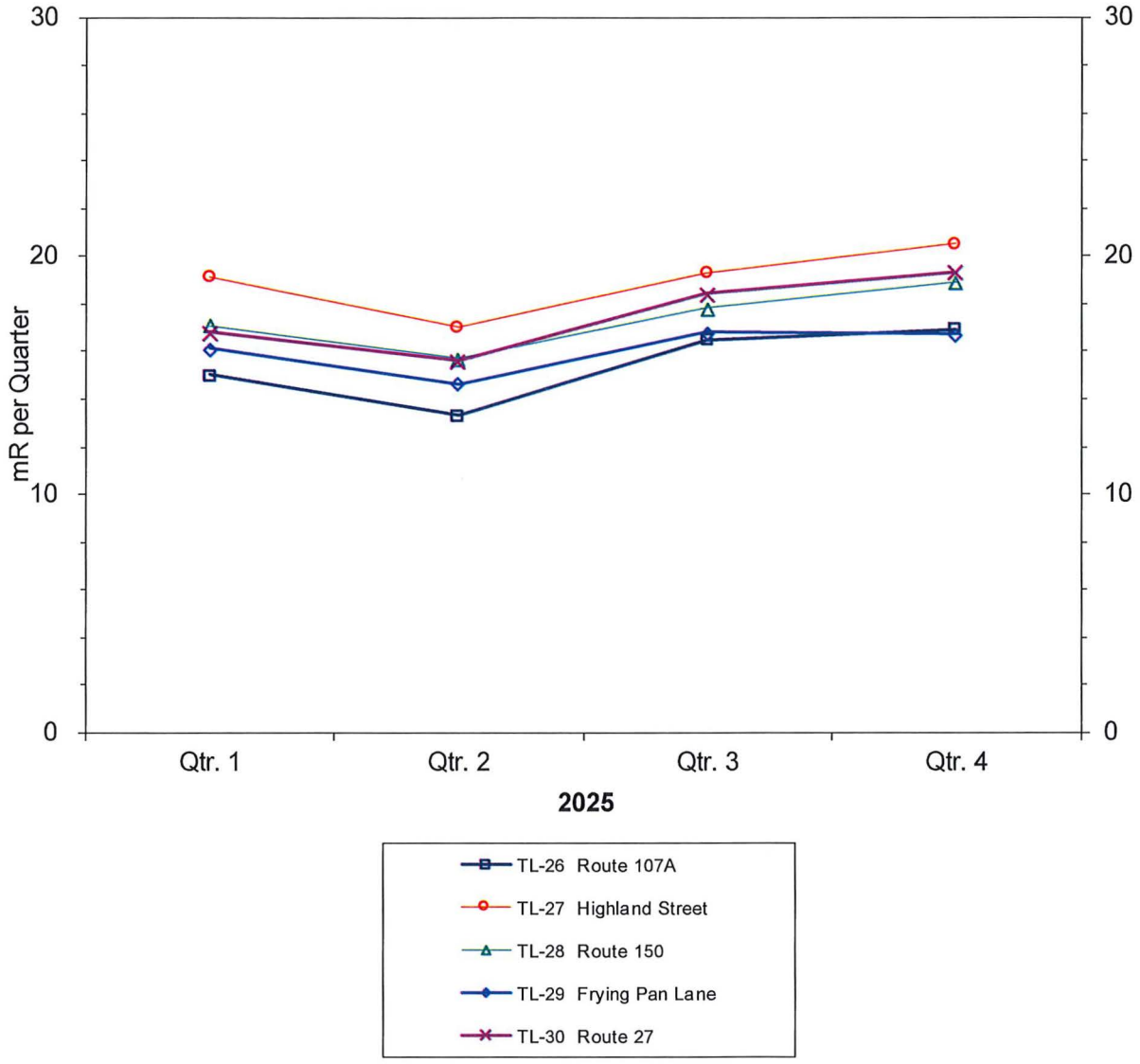


FIGURE 3.11.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

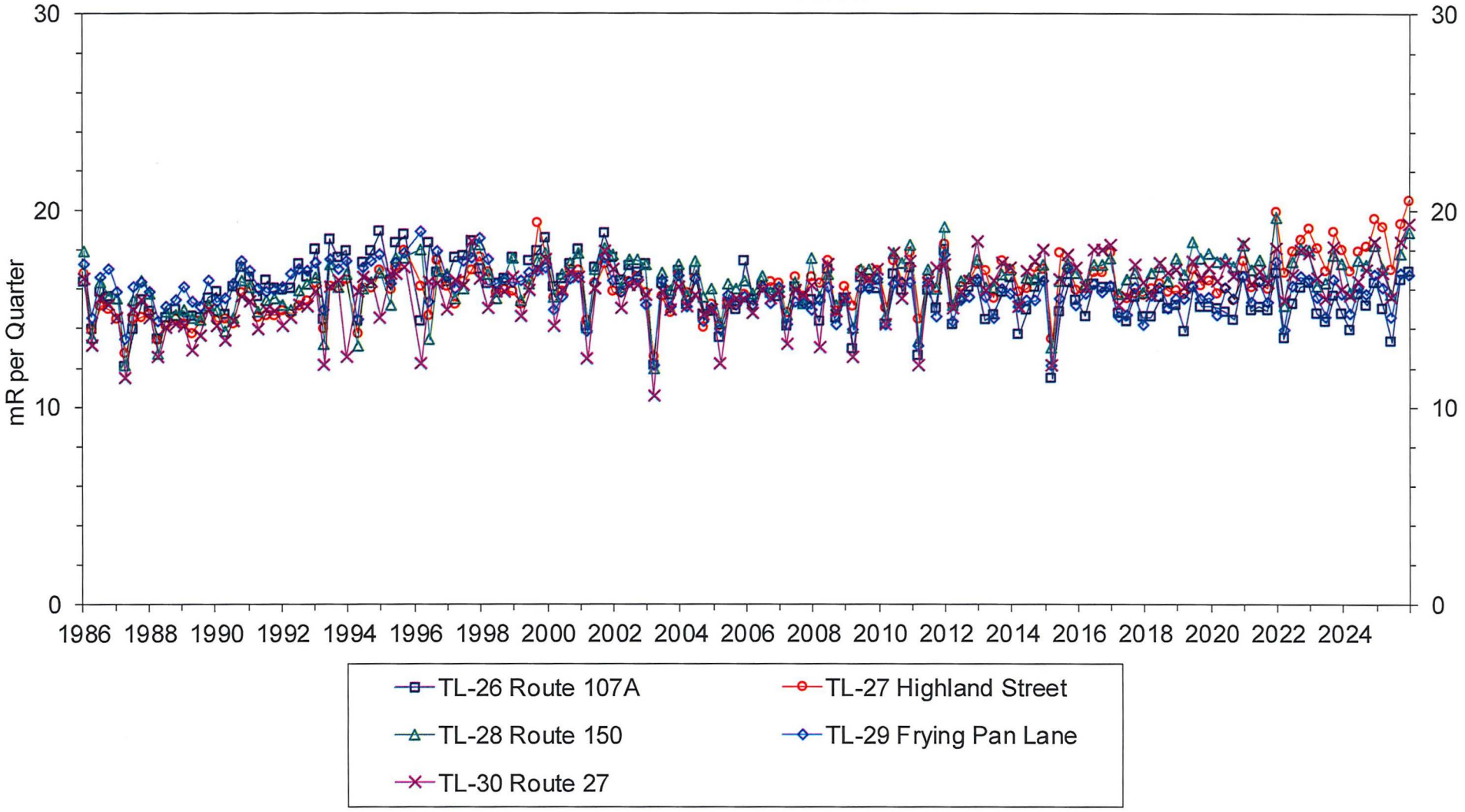


FIGURE 3.12

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

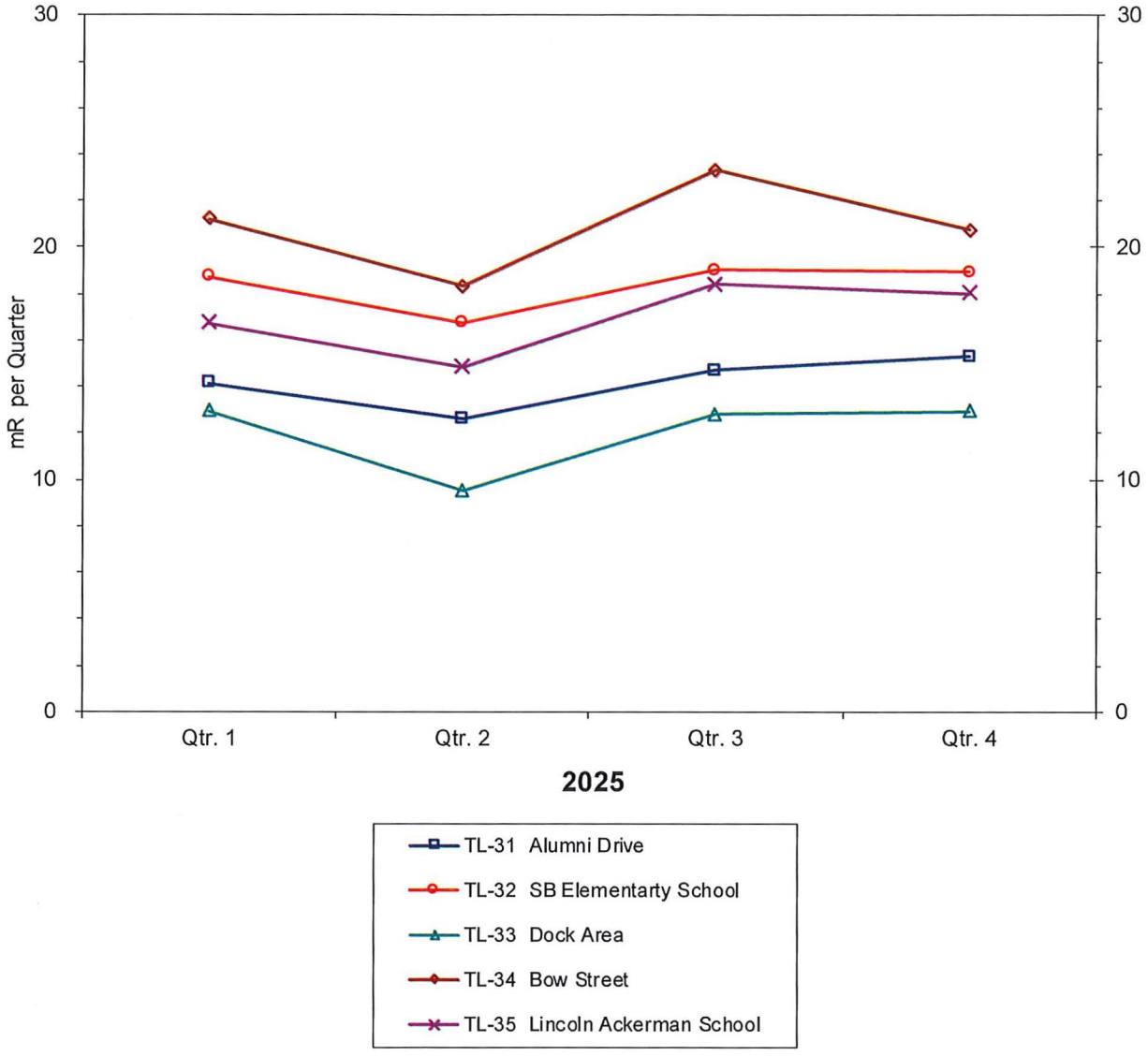


FIGURE 3.12.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

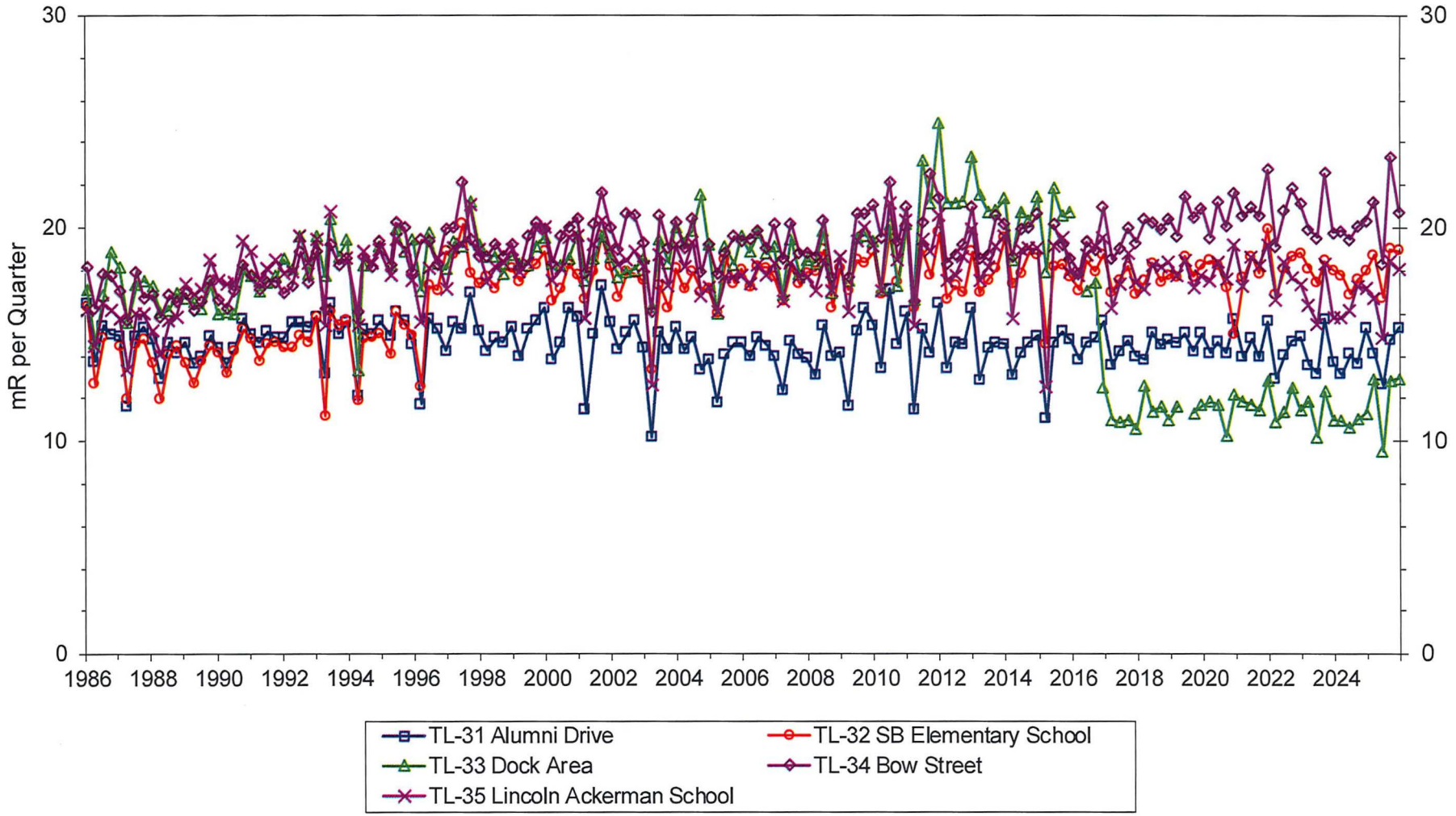


FIGURE 3.13

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

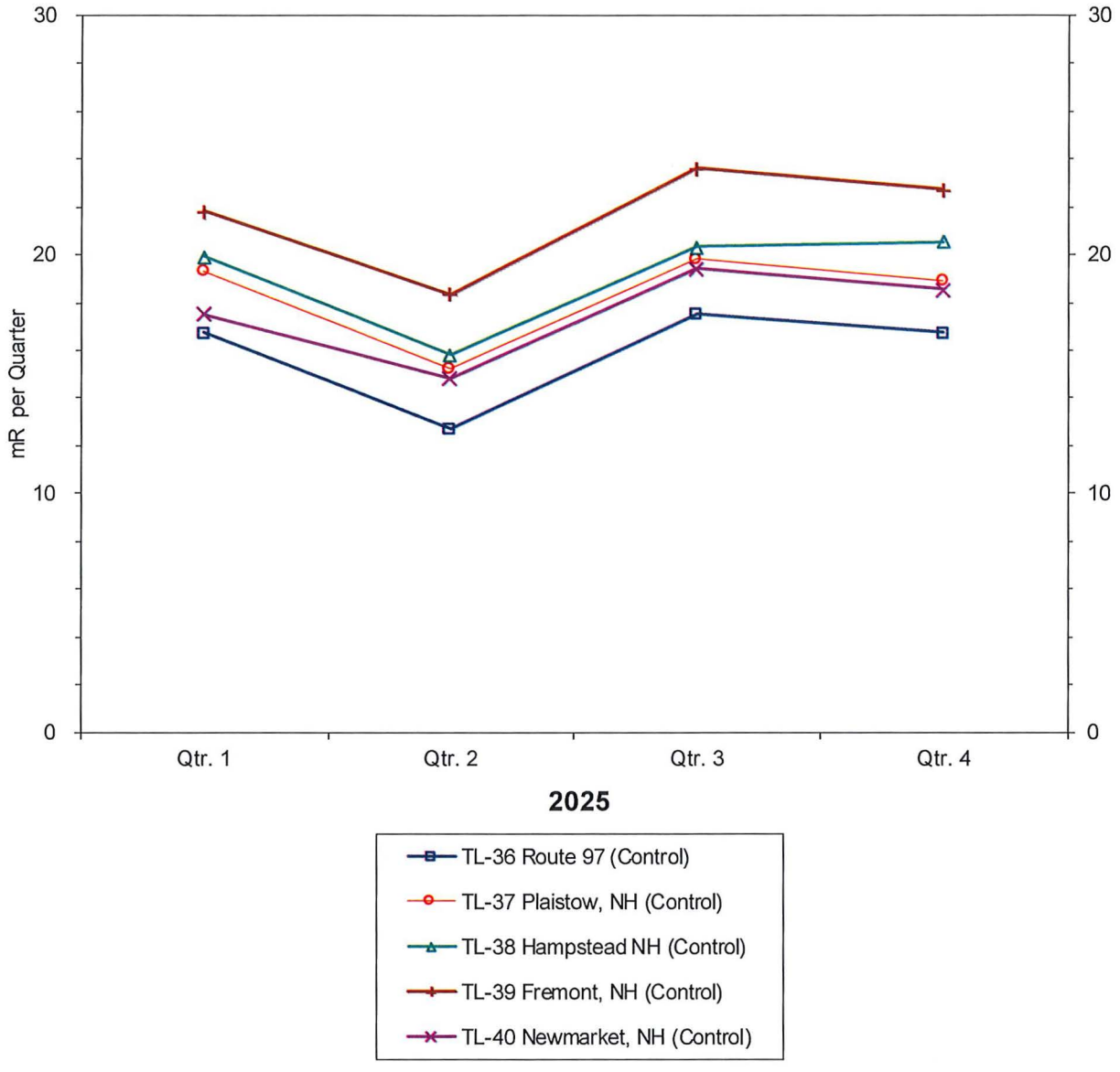


FIGURE 3.13.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

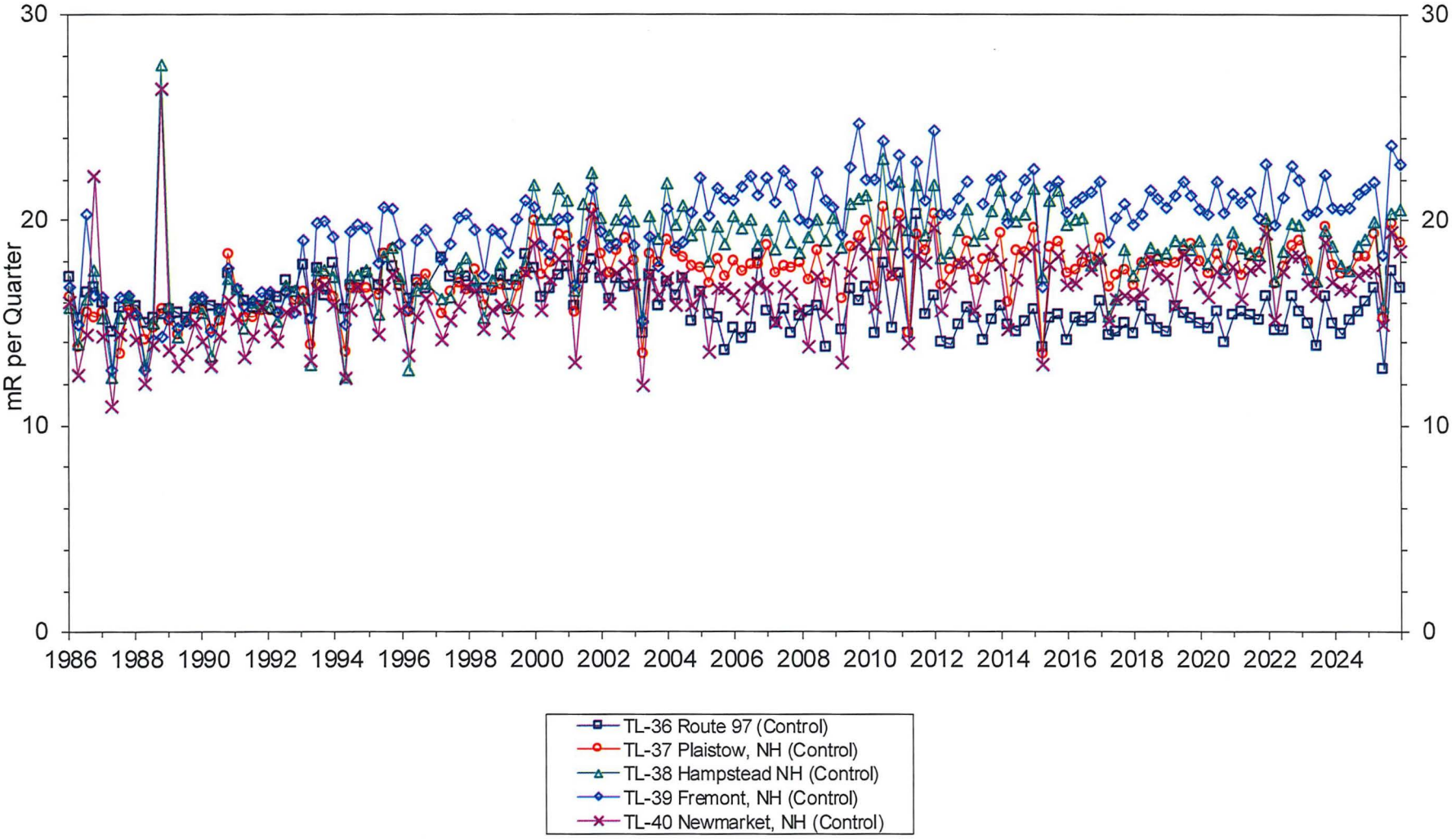


FIGURE 3.14

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

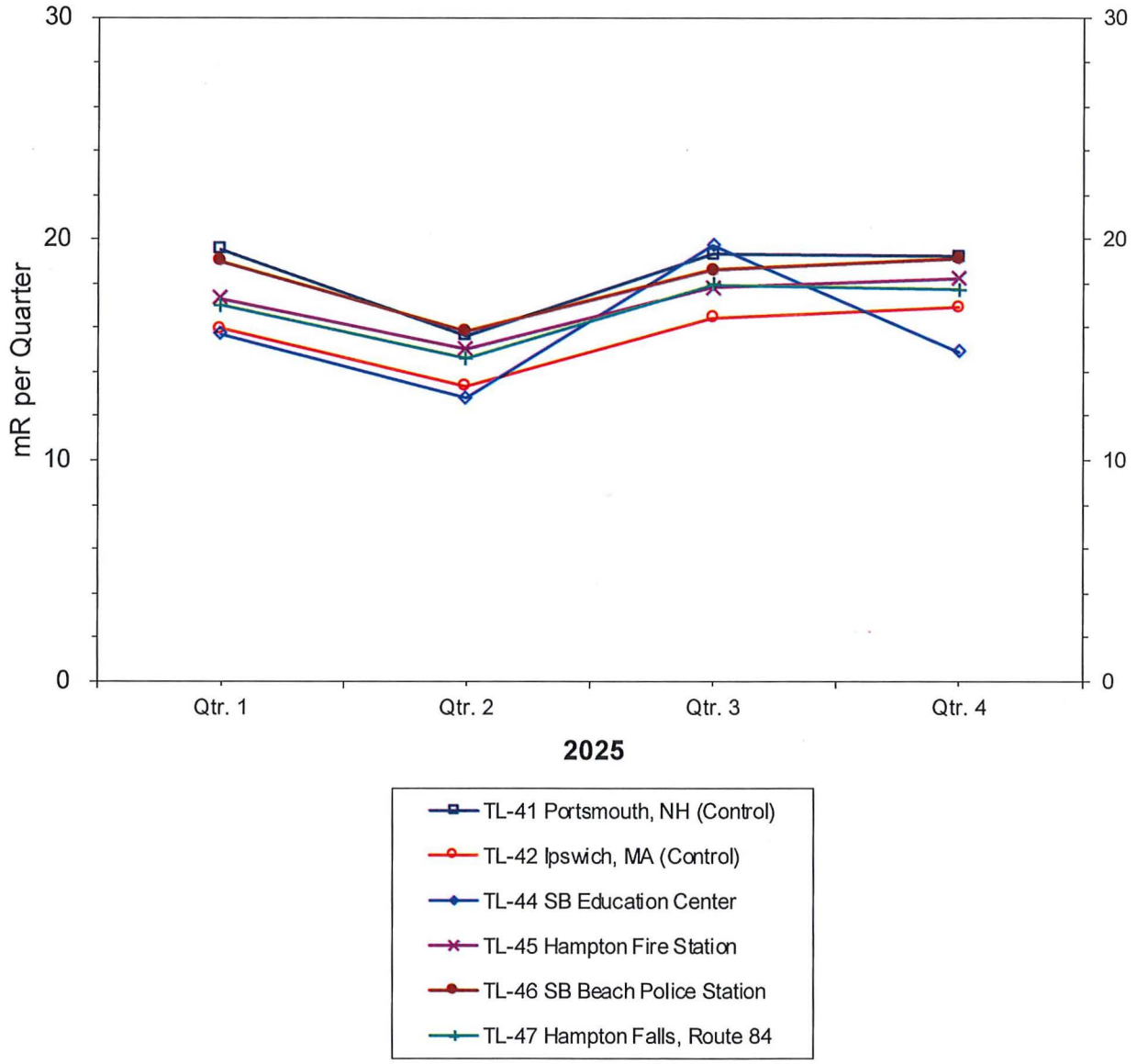
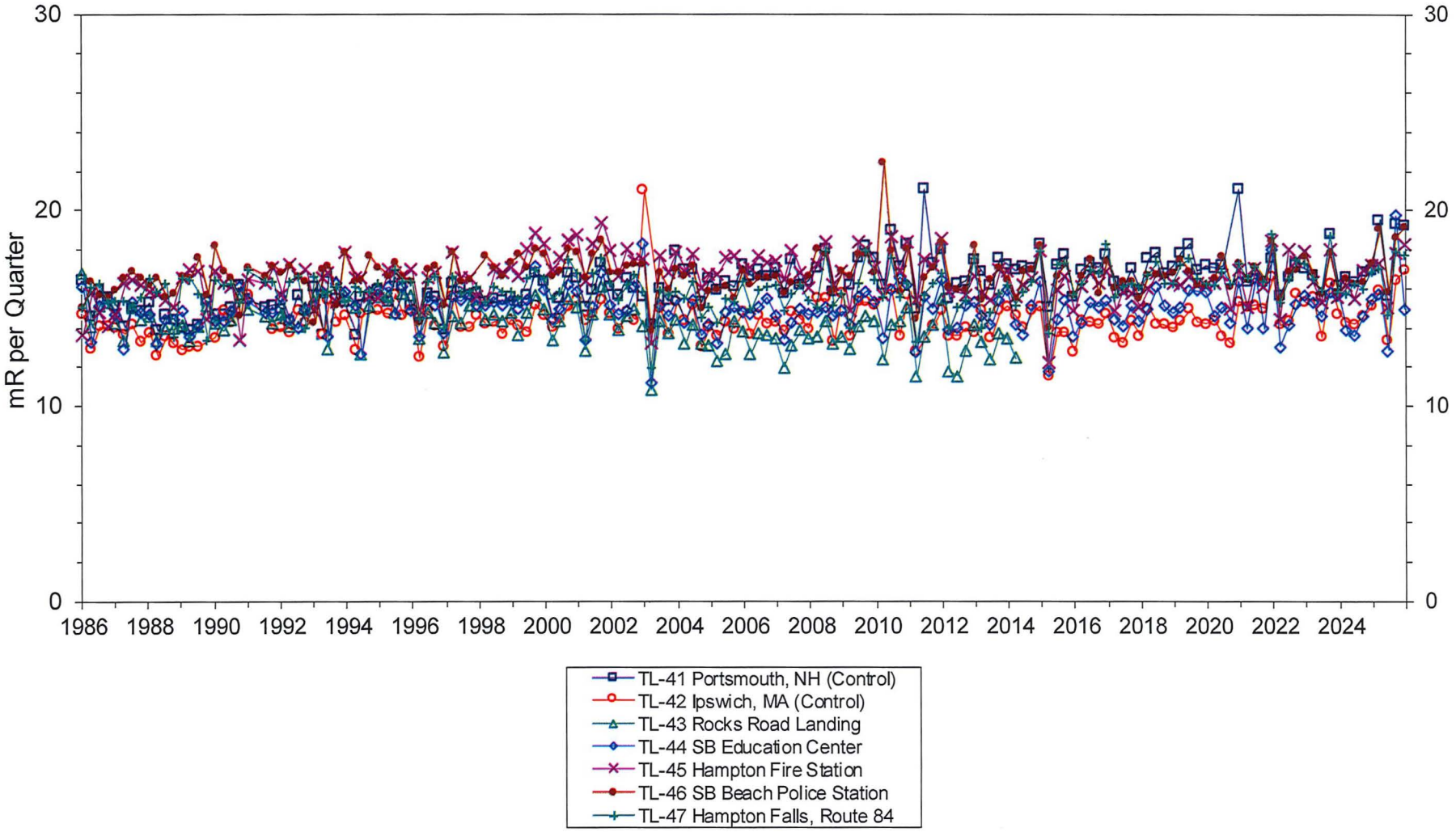


FIGURE 3.14.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION



4.0 DRY FUEL STORAGE REMP & DATA SUMMARY

The Dry Fuel Storage (DFS) radiological environmental monitoring program required by ODCM Control C.9.4.1 provides representative measurements of direct (including scattered) radiation exposure at those locations that have the highest potential for dose to members of the public resulting from dry fuel storage operations. The design of the storage facility is such that there are no liquid or gaseous effluents released to the environment from DFS and, therefore, no associated exposure pathways for liquids and gases requiring the collection and analysis of such sample media. As a result, only direct gamma and neutron (including scattered) radiation from the DFS modules need to be monitored for integrated exposures in areas where doses to members of the public need to be limited. The monitoring of direct gamma radiation is as described in Section 3.13. Direct neutron radiation is measured with a neutron dosimeter, consisting of a set of three natural $Li_2B_4O_7$:Mn elements that are sensitive to both neutron and gamma radiation and a second set of three depleted $Li_2B_4O_7$:Mn elements (depleted of ^6Li and ^{10}B isotopes) that are sensitive to only gamma radiation. The difference between these two sets of elements yields the neutron exposure for the location. The neutron dosimeters are read on a quarterly basis and the neutron exposure is normalized to a standard 91-day quarter. The DFS locations that include a neutron dosimeter are indicated in Table 4.0-1.

At locations near the DFS where members of the public might be present (off-site areas near the site boundary and on-site special use locations, i.e., the Science and Nature Center, the new Fitness Center located in the High Rise office building east of the DFS facility and the Firing Range located on the west site boundary), TLDs were placed at least 1 year (4 quarterly measurements) prior to used fuel being placed into storage. The DFS received its first load of fuel for storage on July 28, 2008. A total of 6 fuel canisters were placed in the NUHOMS© Horizontal Storage Modules (HSM) on the DFS pad during 2008 with the last one being loaded on September 4, 2008. A second fuel transfer campaign was conducted during August and September, 2013, with an additional 8 fuel canisters placed into storage, a third fuel transfer campaign during August – October, 2017, with an additional 8 fuel canisters, and a fourth fuel transfer campaign was conducted during August and September, 2022, with an additional 8 fuel canisters placed in storage, bringing the total to 30 canisters in storage.

The DFS radiological environmental monitoring stations are listed in Table 4.0-1. At the end of 2013, TLD location SB-35, which was located inside the old Fitness Center, and location TL-67 (first quarter of 2014), which was located outside the old Fitness Center west of the DFS, were removed from the program due to the relocation of the fitness center to the High Rise Office Building. TLD locations SB-32 and SB-33 now provide monitoring for the new Fitness Center located southeast of the Dry Fuel Storage Pad. The Science and Nature Center was closed to the general public in 2018 and the last visitors were allowed access in August 2019. The measurement locations with respect to the Seabrook site area are shown on Figure 4.0.1.

4.1 Direct Radiation from DFS

As with the plant operations TLD program described in Section 3.13, the DFS TLD exposure rates were normalized to a standard 91-day quarter. A summary of the 2025 data for the DFS REMP is shown in Table 4.1-1. Figures 4.1, 4.2 and 4.3 show the quarterly 2025 TLD trend lines for the control and indicator monitoring locations. Figures 4.4, 4.5 and 4.6 provide a comparison of long term trend lines (25 years) for the same control locations, site boundary and special use sites.

Overall, the direct radiation program showed no statistically significant indication of increased direct radiation above the variable background measured exposure rate in unrestricted areas. The 2025 annual mean of all indicator locations for the DFS was 17.7 mR/91-day quarter while the mean of all control locations was 18.1 mR/91-day quarter. There was no notable difference detected in the annual exposure rates in areas where members of the public could occupy (site boundary and inside special use locations) and the control locations. Starting in the 4th quarter of 2013, location TL-67 indicated a notable measurement increase in exposure rate following the expansion of fuel storage in the DFS facility in the third quarter of 2013. However, by late November 2013, the fitness center operations had been transferred from its original location south of the DFS to the High Rise Office Building east of the DFS, thereby ending use of the original fitness center facility and its parking lot by members of the public.

Starting in 2015, an additional analytical method was implemented to evaluate the TLD measurements. Using the method described in ANSI/HPS N13.37-2014, quarterly and annual baseline dose for each DFS TLD location was determined using appropriate statistical analytical methods considering data from 2004 through 2014. Quarterly and annual dose for 2025 was compared to baseline values to determine if an Investigation Level had been exceeded for evaluation of potential dose to a member of the public. An Investigation Level is considered to be exceeded under the following conditions:

$$\text{Quarterly: If } M_Q > (B_Q + MDD_Q), \text{ then } F_Q = M_Q - B_Q$$

where:

M_Q is the normalized quarterly field measurement result,
B_Q is the quarterly baseline background dose,
MDD_Q is the quarterly minimum differential dose and,
F_Q is the quarterly facility related dose.

or:

$$\text{Annually: If } M_A > (B_A + MDD_A), \text{ then } F_A = M_A - B_A$$

where:

M_A is the sum of the four normalized quarterly measurement values,
B_A is the annual baseline background dose,
MDD_A is the annual minimum differential dose,
F_A is the annual facility related dose.

Table 4.1-2 summarizes the evaluation of the TLD measurements using the methodology described in ANSI/HPS N13.37-2014. As noted in Table 4.1-2, TLD locations TL-44 (On site, outside Science and Nature Center), SB-36 (On site, outside Science and Nature Center), SB-32 (High-Rise Building, 3rd floor), TL-68 (Nearby site boundary (firing range), TL-69 (Nearby site boundary (Rocks Rd), TL-11 (Site Boundary), TL-12 (Site Boundary) and TL-13 (Inside Site Boundary) were found to have calculated quarterly facility doses of 5.2, 5.6, 4.9, 7.4, 5.6, 6.2, 6.4 and 4.7 mrem, respectively, in the 3rd quarter when comparing the measured TLD value against the quarterly baseline values. The increase in dose is due to a delay in placement of the TLDs at their locations during which time the dosimeters were not shielded (see Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident). Also, as noted to Table 4.1-2, Figure 4.6 shows a step increase in the quarterly TLD values for TLD location SB-33 starting in the 3rd quarter of 2015. Since this step increase does not correspond to a DFS fuel transfer campaign, and there is a lack of a similar step increase in nearby TLD location SB-32 (same building, but on the 3rd floor), this dose is unlikely DFS facility related. During an investigation in 2023, Seabrook Station identified that the observed step change in the 3rd quarter of 2015 was due to the TLD being repositioned into the new fitness center from its original location in a 1st floor office on the southeast corner of the building, and that the step change observed in 2021 was due to the TLD being repositioned in the 2nd quarter of 2021 onto a vertical beam that supports an exterior stairwell on the west side of the building. For this reason, the locations baseline quarterly and annual doses were updated in 2023 using measurement data from 2016 – 2020. Prior to the 1st quarter of 2024, TLD location SB-33 was moved to a utility closet inside of the Fitness Center, very close to its original location prior to the move in 2020. The resulting TLD measurements beginning in the 1st quarter of 2024, as shown in Figure 4.6, returned to levels observed prior to the movement of the TLD location in 2020. This will therefore require another re-baselining of the data for this location in the future once at least five years of data have been collected.

Any sample collection and analysis deviations from the ODCM required program, or reportable concentrations that may have occurred during the year are described in Section 5.

Figure 4.0.1
Dry Fuel Storage TLD Environmental Monitoring Locations

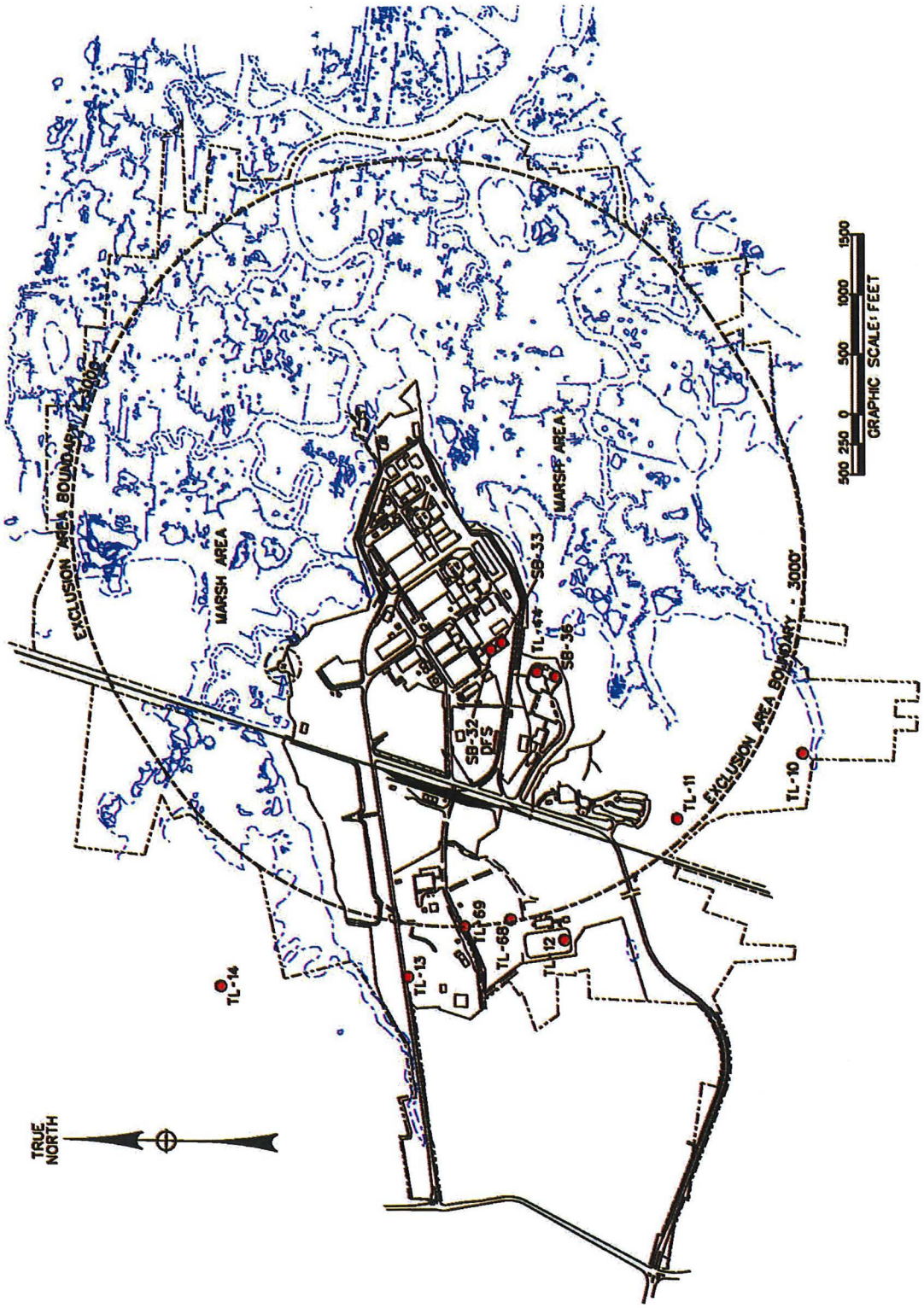


Table 4.0-1

Dry Fuel Storage (DFS) TLD Monitoring Locations

Site Designation Code	TLD Sample Location Description[3]	Distance From DFS Pad (km)	Direction From DFS Pad
TL-44[4]	On-site, outside Science & Nature Center [1][2]	0.21	ESE
SB-36[4]	On-site, inside Science & Nature Center	0.24	SE
SB-32[4]	High-Rise Building, 3rd Floor[1]	0.23	E
SB-33[4]	High-Rise Building, 1st Floor (new Fitness Center)[1]	0.23	E
TL-68[4]	Nearby site boundary (firing range) to DFS	0.45	W
TL-69[4]	Nearby site boundary (Rocks Rd) to DFS	0.47	W
TL-10[4]	Site Boundary Fence [2]	0.77	S
TL-11[4]	Site Boundary Fence [2]	0.52	SSW
TL-12[4]	Site Boundary fence [2]	0.53	WSW
TL-13[4]	Inside Site Boundary [2]	0.61	WNW
TL-14	Trailer Park, Seabrook [2]	0.94	NW
TL-36[4]	Rt 97, Georgetown (Control) [2]	22	SSW
TL-37	Plaistow, NH (Control) [2]	21	WSW
TL-38	Hampstead, NH (Control) [2]	27	W
TL-39	Fremont, NH (Control) [2]	27	WNW
TL-40	Newmarket, NH (Control) [2]	22	NNW
TL-41	Portsmouth, NH (Control) [1][2]	22	NNE
TL-42	Ipswich, MA (Control) [1][2]	22	SSE

(1) This location is not part of the required DFS radiological monitoring program as defined in Table A.9.4-1 of the Seabrook ODCM.

(2) Shared environmental monitoring locations for both Seabrook Station REMP and DFS monitoring.

(3) TL-67 and SB-35 locations were removed in 2014 due to relocation of the Fitness Center to the High Rise office building.

(4) Neutron dosimeter monitoring is included at this location.

Table 4.1-1

DFS Environmental TLD Measurements
Net Exposures in mR/Standard Quarter (91 days)

2025

No.	Description	1st Quarter Exp.	S.D.	2nd Quarter Exp.	S.D.	3rd Quarter Exp.	S.D.	4th Quarter Exp.	S.D.	Qtr Ave Exp.
TL-44	Outside Science & Nature C.(1)	15.7 ±	0.9	12.8 ±	0.8	19.7 ±	0.9	14.9 ±	0.5	15.8
SB-36	Inside Science & Nature C.	16.7 ±	0.6	13.8 ±	0.7	21.5 ±	1.0	15.0 ±	0.7	16.8
SB-32	High-Rise 3rd Floor (1)	15.6 ±	0.6	13.0 ±	0.9	18.6 ±	0.8	13.6 ±	0.7	15.2
SB-33	High-Rise 1st Fl.(Fitness Cntr)(1)	20.4 ±	0.7	17.7 ±	0.6	23.8 ±	1.0	18.9 ±	0.8	20.2
TL-68	Nearby Site Boundary to DFS	19.3 ±	1.0	15.7 ±	0.7	24.7 ±	1.4	18.4 ±	0.8	19.5
TL-69	Nearby Site Boundary to DFS	15.8 ±	1.1	12.6 ±	0.5	19.9 ±	0.8	14.9 ±	0.8	15.8
TL-10	Site Boundary Fence (2)	15.4 ±	1.2	14.9 ±	1.3	20.4 ±	1.3	15.9 ±	0.7	16.7
TL-11	Site Boundary Fence (2)	17.4 ±	0.6	16.4 ±	0.7	23.4 ±	0.9	18.5 ±	0.6	18.9
TL-12	Site Boundary Fence (2)	18.5 ±	0.8	16.0 ±	0.6	24.3 ±	1.0	18.9 ±	0.7	19.4
TL-13	Inside Site Boundary (2)	18.9 ±	0.9	17.4 ±	0.7	23.7 ±	0.8	19.0 ±	0.8	19.8
TL-14	Trailer Park Seabrook (2)	17.0 ±	0.7	14.4 ±	0.8	17.4 ±	0.7	18.0 ±	1.1	16.7
TL-36	Rt 97, Georgetown (control)(2)	16.7 ±	0.6	12.7 ±	0.6	17.5 ±	1.0	16.7 ±	0.8	15.9
TL-37	Plaistow, NH (Control)(2)	19.3 ±	0.9	15.2 ±	0.7	19.8 ±	0.8	18.9 ±	0.7	18.3
TL-38	Hampstead, NH (Control)(2)	19.9 ±	0.8	15.8 ±	0.8	20.3 ±	1.1	20.5 ±	0.8	19.1
TL-39	Fremont, NH (Control)(2)	21.8 ±	0.8	18.3 ±	0.7	23.6 ±	1.2	22.7 ±	0.8	21.6
TL-40	Newmarket, NH (Control)(2)	17.5 ±	0.6	14.8 ±	0.7	19.4 ±	0.9	18.5 ±	0.7	17.6
TL-41	Portsmouth, NH (Control)(1)(2)	19.5 ±	0.9	15.6 ±	0.8	19.3 ±	0.9	19.2 ±	0.8	18.4
TL-42	Ipswich, MA (Control)(1)(2)	15.9 ±	0.6	13.3 ±	0.6	16.4 ±	0.9	16.9 ±	0.8	15.6
	Mean of Indicators	17.3		15.0		21.6		16.9		17.7
	Mean of Controls	18.7		15.1		19.5		19.1		18.1

(1) This location is not part of the DFS required program defined by the ODCM.
(2) Shared environmental monitoring locations for both plant REMP and DFS monitoring.

Table 4.1-2

DFS Facility Related Dose using ANSI/HPS N13.37-2014 Methodology

		Quarterly Ave. Baseline, B_Q	2025 Quarterly Monitoring Data, M_Q (mrem/qtr)				Quarterly Facility Dose $F_Q = M_Q - B_Q$				Annual Baseline, B_A	2025 An. TLD Data, M_A	An. Facility Dose $F_A = M_A - B_A$
		mrem	1	2	3	4	1	2	3	4	mrem	mrem	
TL-44	On-site, outside Science & Nature Center	15.5	16.5	13.4	20.8	15.6	ND	ND	(1)	ND	62.0	66.3	ND
SB-36	On-site, inside Science & Nature Center	17.0	17.5	14.6	22.6	15.8	ND	ND	(2)	ND	68.0	70.4	ND
SB-32	High-Rise Building, 3rd floor	14.7	16.4	13.7	19.6	14.3	ND	ND	(3)	ND	58.5	64.0	ND
SB-33*	High-Rise Building 1st floor, Fitness Center	21.5	21.4	18.6	25.1	19.9	ND	ND	ND	ND	85.9	85.0	ND
TL-68	Nearby site boundary (firing Range)	18.6	20.3	16.5	26.0	19.3	ND	ND	(4)	ND	74.5	82.1	ND
TL-69	Nearby site boundary (Rocks Rd)	15.3	16.6	13.2	20.9	15.6	ND	ND	(5)	ND	61.2	66.4	ND
TL-10	Site Boundary	17.1	16.2	15.7	21.5	16.7	ND	ND	ND	ND	68.2	70.1	ND
TL-11	Site Boundary	18.4	18.3	17.3	24.6	19.5	ND	ND	(6)	ND	73.4	79.7	ND
TL-12	Site Boundary	19.1	19.5	16.8	25.5	19.9	ND	ND	(7)	ND	76.3	81.7	ND
TL-13	Inside Site Boundary	20.2	19.8	18.3	24.9	20.0	ND	ND	(8)	ND	80.9	83.1	ND
TL-14	Trailer Park	16.7	17.8	15.1	18.3	18.9	ND	ND	ND	ND	66.8	70.1	ND
TL-36	Route 97(Control)	16.2	17.6	13.4	18.4	17.6	ND	ND	ND	ND	65.1	66.9	ND
TL-37	Plaistow, NH (Control)	18.9	20.2	16.0	20.8	19.8	ND	ND	ND	ND	75.7	76.9	ND
TL-38	Hampstead, NH (Control)	20.8	20.9	16.6	21.4	21.6	ND	ND	ND	ND	83.3	80.4	ND
TL-39	Fremont, NH (Control)	22.4	22.9	19.2	24.8	23.9	ND	ND	ND	ND	89.6	90.9	ND
TL-40	Newmarket, NH (Control)	17.6	18.4	15.6	20.4	19.4	ND	ND	ND	ND	70.3	73.8	ND
TL-41	Portsmouth, NH (Control)	17.8	20.5	16.4	20.3	20.2	ND	ND	ND	ND	71.1	77.4	ND
TL-42	Ipswich, MA (Control)	15.1	16.7	13.9	17.2	17.7	ND	ND	ND	ND	60.1	65.6	ND

MDD_Q = 4.7 = minimum differential exposure, quarterly, 3 times 90th percentile S_Q determined from analysis in mrem.

MDD_A = 9.8 = minimum differential exposure, annual, 3 times 90th percentile S_A determined from analysis in mrem.

B_Q = Quarterly baseline exposure (mrem).

M_Q = location's 91 day standard quarterly exposure (mrem).

B_A = Quarterly baseline background average exposure (mrem).

M_A = Annual monitoring data , determined by summing the quarterly data over all four quarters (mrem).

ND = Facility contribution to exposure "Not Detected"

Table 4.1-2 (cont'd)

DFS Facility Related Dose using ANSI/HPS N13.37-2014 Methodology

Notes to Table 4.1-2:

* Figure 4.6 shows step increases in the quarterly TLD values for this location starting in the 3rd quarter of 2015 and again in the 2021 timeframe. Since these step increases do not correspond to DFS fuel transfer campaigns, and there is a lack of similar step increases in nearby TLD SB-32 (same building, but on the 3rd floor), this dose is unlikely DFS facility related. During 2023, Seabrook Station identified that the observed step change in the 3rd quarter of 2015 was due to the TLD being repositioned into the new fitness center from its original location in a first floor office in the southern corner of the building, and that the step change observed in 2021 was due to the TLD being repositioned in the 2nd quarter 2021 onto a vertical beam that supports an exterior stairwell on the west side of the building. For this reason, the quarterly and annual baseline values were re-calculated using measurement data from 2016 – 2020 resulting in an updated quarterly baseline dose of 21.5 mrem and an updated annual baseline dose of 85.9 mrem. Prior to the 1st quarter of 2024, TLD SB-33 was relocated to a utility closet very close to the location prior to the move outside the building in 2021. Figure 4.6 shows that the measurements returned to levels observed prior to its move in 2020.

(1) A quarterly dose of 5.2 mrem was calculated for TLD location TL-44 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(2) A quarterly dose of 5.6 mrem was calculated for TLD location SB-36 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(3) A quarterly dose of 4.9 mrem was calculated for TLD location SB-32 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(4) A quarterly dose of 7.4 mrem was calculated for TLD location TL-68 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(5) A quarterly dose of 5.6 mrem was calculated for TLD location TL-69 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(6) A quarterly dose of 6.2 mrem was calculated for TLD location TL-11 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(7) A quarterly dose of 6.4 mrem was calculated for TLD location TL-12 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

(8) A quarterly dose of 4.7 mrem was calculated for TLD location TL-13 during quarter 3 using the methodology described in ANS/HPS N13.37-2014. The increase in dose is due to a delay in placement of the TLD at its location during which time the dosimeter was not shielded. (See Section 5.1 which describes the AR that was written to record and determine corrective actions for the incident.)

FIGURE 4.1

DFS CONTROL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

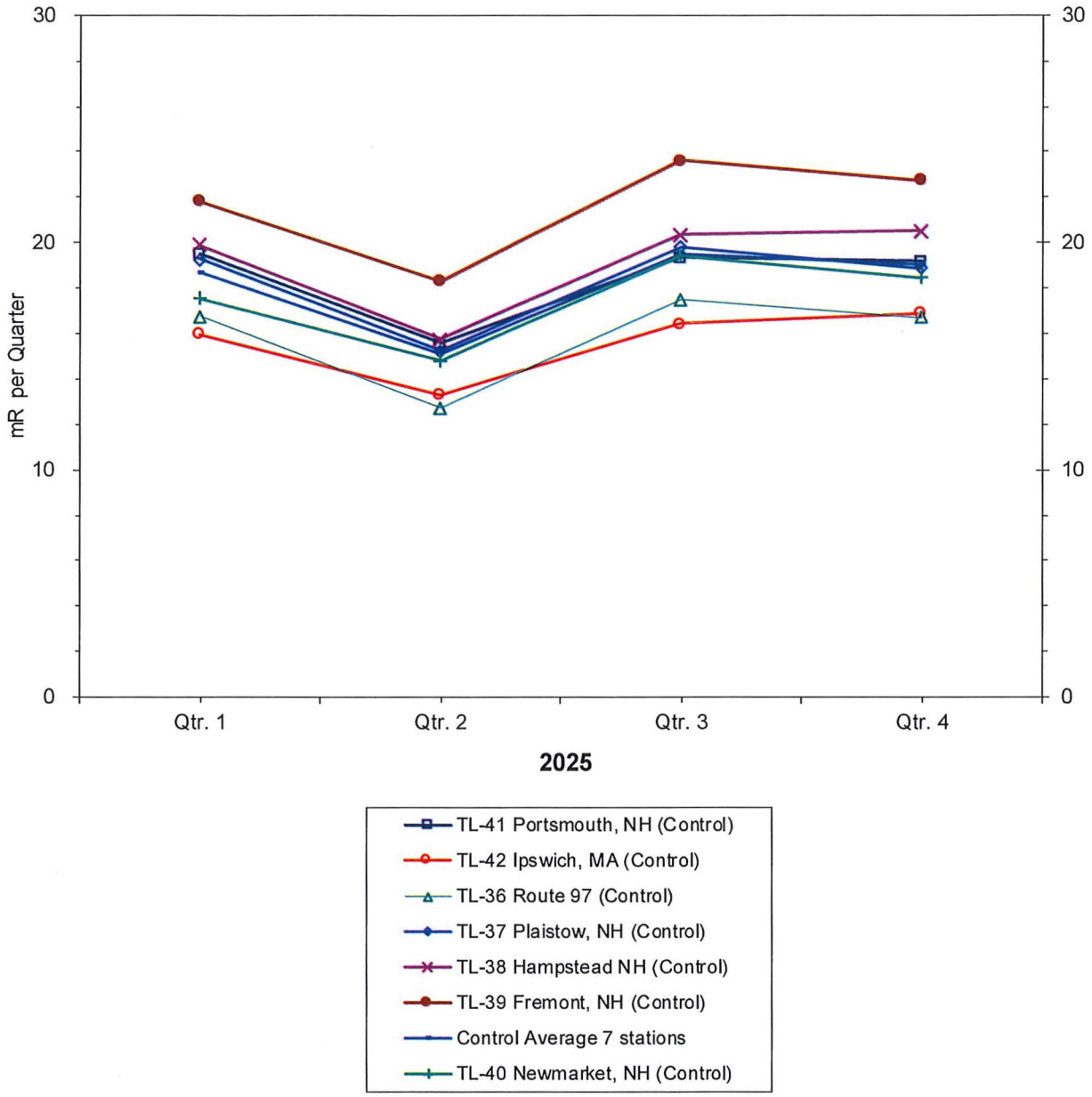


FIGURE 4.2

DFS ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

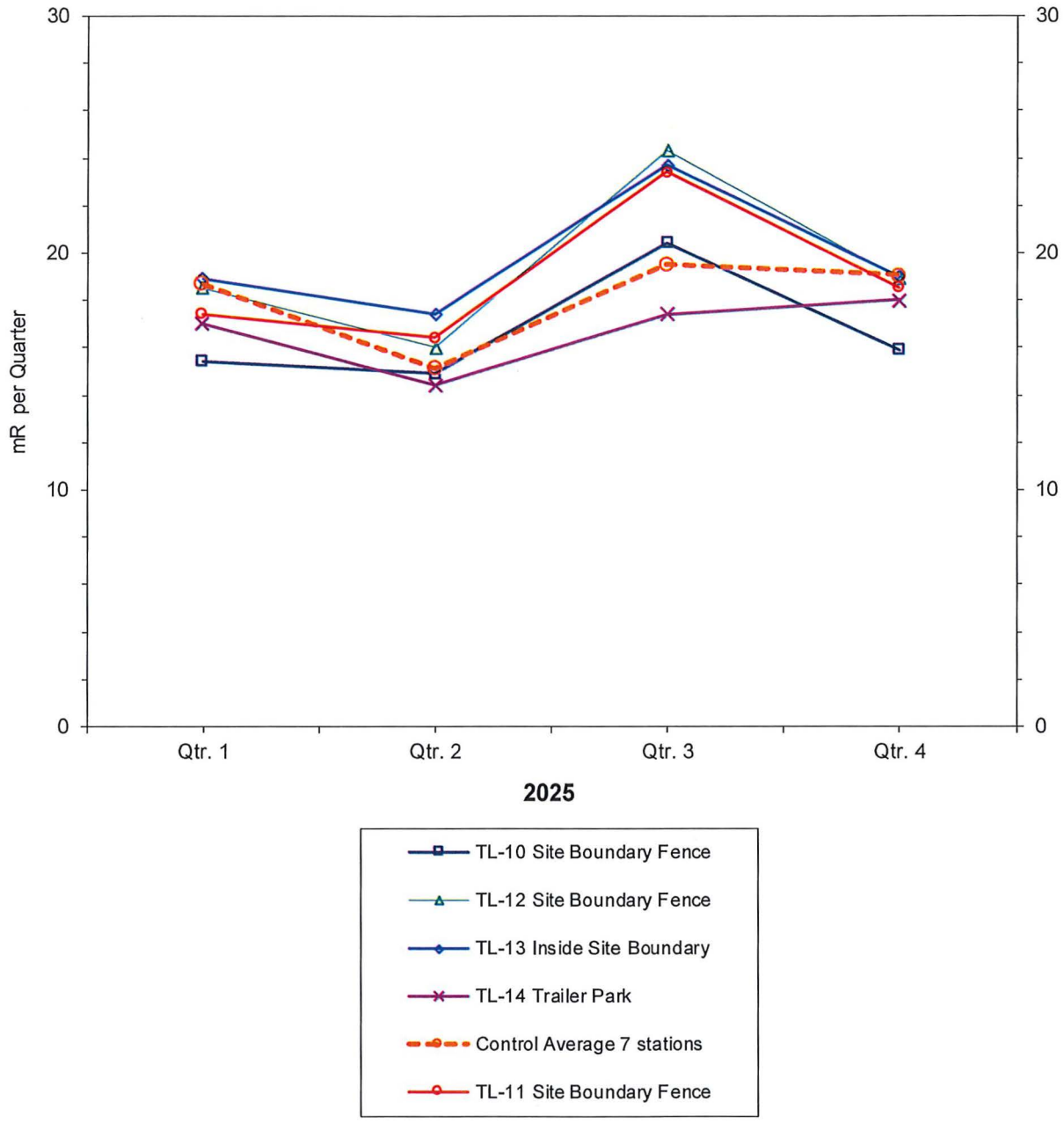


FIGURE 4.3

DFS ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

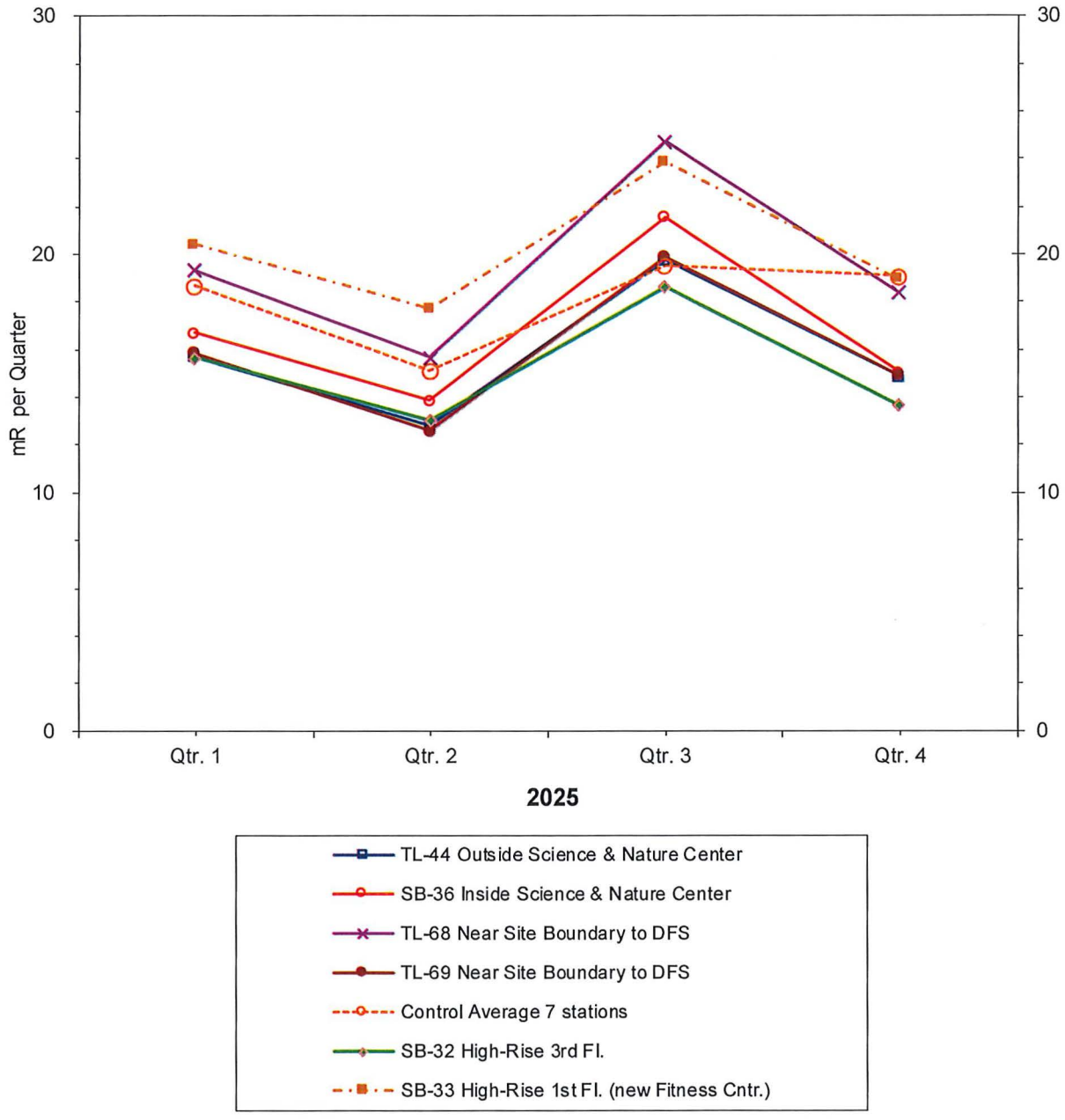


FIGURE 4.4

DFS CONTROL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

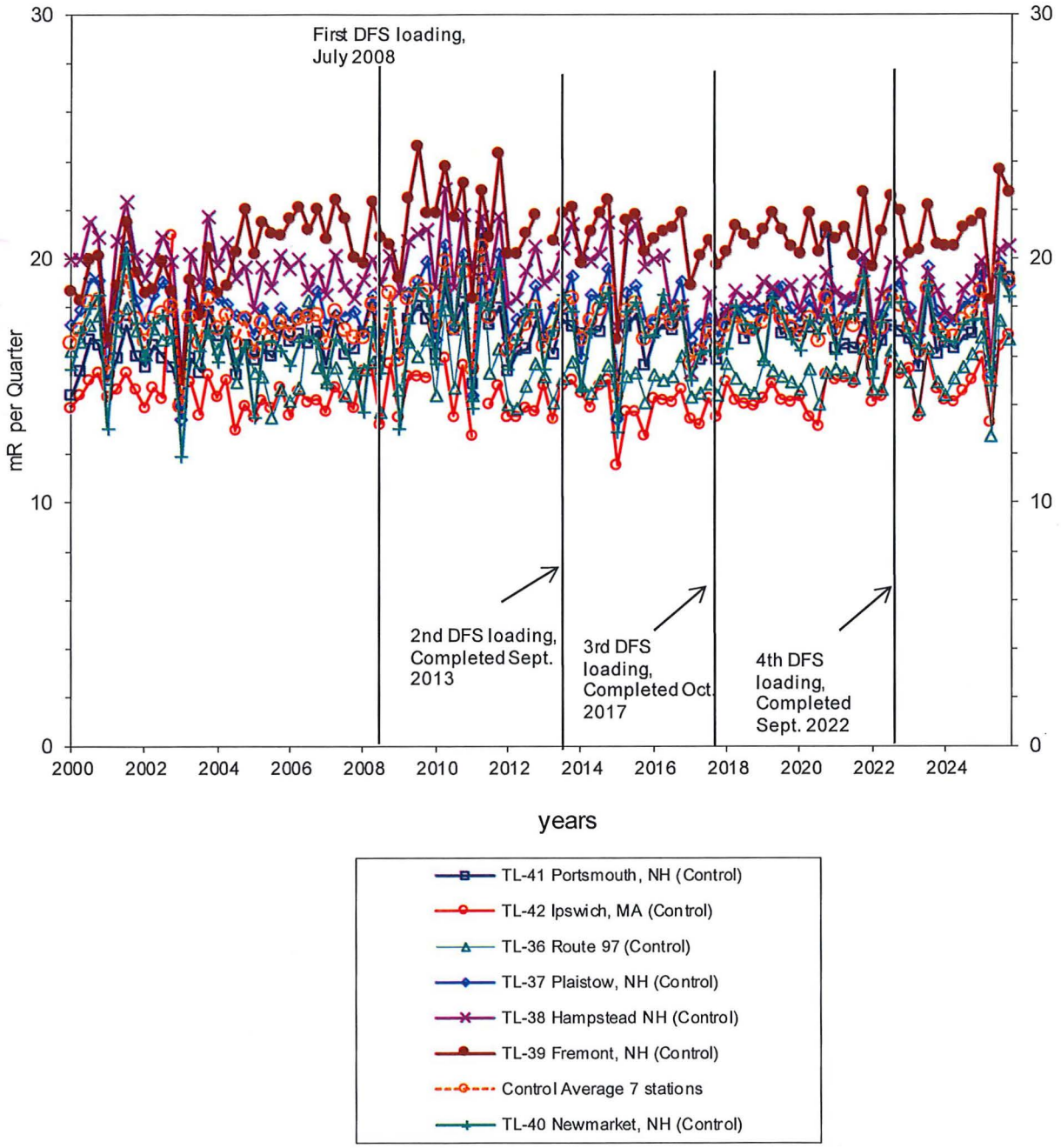


FIGURE 4.5

DFS RADIATION MEASUREMENTS TRENDS (USING TLDs)
SEABROOK STATION

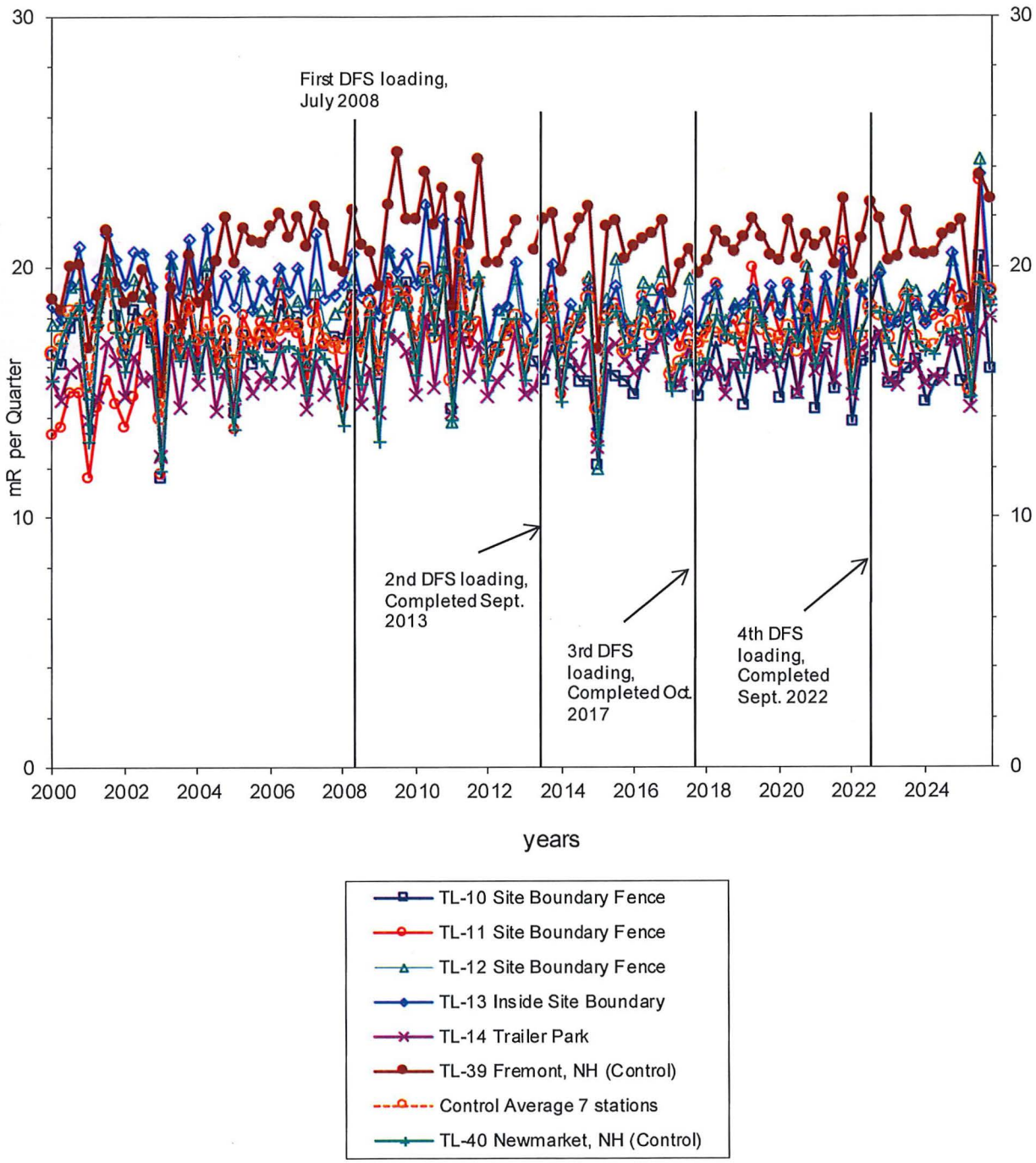
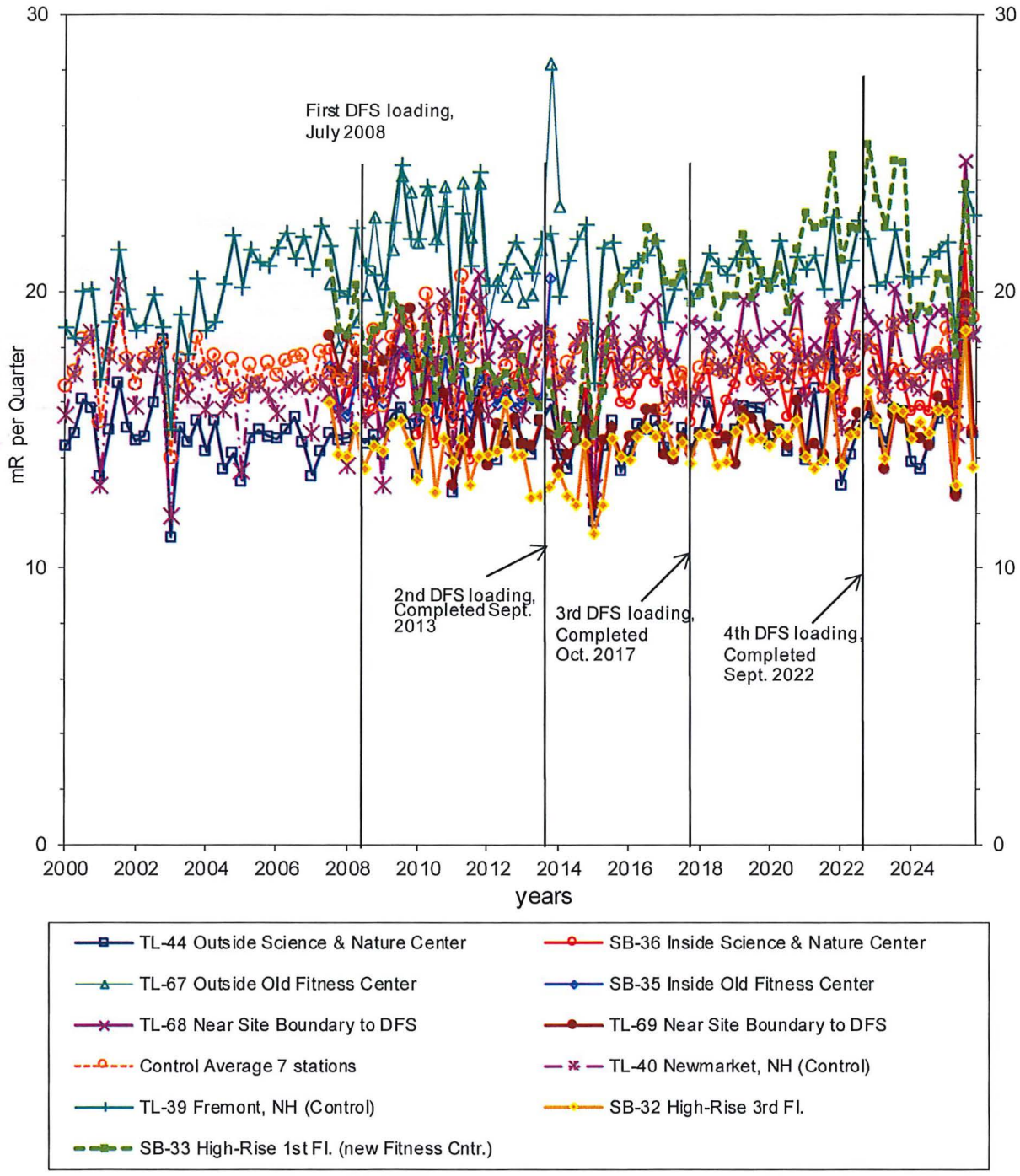


FIGURE 4.6

DFS RADIATION MEASUREMENTS TRENDS (USING TLDs)
SEABROOK STATION



5.0 PROGRAM DEVIATIONS and REPORTING

5.1 Sampling Program Deviations

Table A.9.1-1 of the Offsite Dose Calculation Manual (ODCM) allows for deviations in the REMP sampling schedule "if specimens are unobtainable due to circumstances such as hazardous conditions, seasonal unavailability and malfunction of automatic sampling equipment." All deviations from the sampling schedule shall be documented each year in the Radiological Environmental Operating Report. The deviations for 2025 are as follows:

- On February 19, 2025, air particulate and radioiodine samples were not obtained from sampling station AP-05/CF-05 due to snow, ice, and safety concerns. This sample location is not required by the ODCM. The incident was documented and tracked under AR 02508360.
- On July 10, 2025, air sampling station AP-01/CF-01 went out of service due to an AC power loss. Power was restored the same day. The out of service time did not impact the ability to collect sufficient sample volume over the collection cycle for this analysis. The incident was documented and tracked under AR 02519157.
- On August 6, 2025, air sampling station AP-04/CF-04 went out of service due to an AC power loss. The GFCI outlet tripped and would not reset because of loss of electrical power from the grid. Power was restored temporarily within 30 hours via a generator. Grid power was restored by Unitil the morning of August 8, 2025. The out of service time did not impact the ability to collect sufficient sample volume over the collection cycle for this analysis. The incident was documented and tracked under AR's 02520935 and 02521131.
- On August 7, 2025, TLD's TL-07 (Cross Rd.) and TL-20 (Ashworth Ave.) were found to be missing during the second quarter changeout. The missing housings were replaced and TLD's deployed to provide third quarter monitoring capability. The incident was documented and tracked under AR's 02521025 and 02521023, respectively.
- On September 16, 2025, ground water sample location WG-13 (Seabrook Well #13) was found to contain no retrievable sample for the third quarter. The incident was documented and tracked under AR 02523774.
- The third quarter environmental TLD's showed elevated results compared to previous quarters. The increase was attributed to delayed deployment to their locations during which time the dosimeters were not shielded. The incident was documented and tracked under AR 02538402.

5.2 Comparison of Achieved LLDs with Requirements

Table A.9.1-2 of the ODCM indicates the required Lower Limits of Detection (LLDs) for environmental sample analyses. (This table is duplicated in Table 5.2-1 of this report.) Occasionally an LLD for short-lived radionuclides is not achieved due to low sample volume or delays between sample collection and time of analysis. In such cases, ODCM Table A.9.1-2 requires a discussion of the event in the annual Radiological Environmental Operating Report.

For each analysis having an LLD requirement in ODCM Table A.9.1-2, the *a posteriori* (after the fact) Minimum Detectable Concentration (MDC) calculated for that analysis was compared with the required LLD. During 2025, 1315 analyses had an LLD requirement listed in Table 5.2-1, and in all cases except five (missed LLDs for Ba-140 in surface water, I-131 in milk, and I-131 in vegetation), the LLD requirements were met.

For the missed LLDs, the following explanations are provided:

- LSN 727250002 (missed LLD for Ba-140 in surface water) – Due to the short half-life of the isotope being analyzed.
- LSN 729008001 and 752817001 (missed LLD for I-131 in milk) – Due to the short half-life of the isotope being analyzed.

- LSN 735387001 and 735387003 (missed LLD for I-131 in vegetation) - Due to the short half-life of the isotope being analyzed.

5.3 Comparison of Results against Reporting Levels

Seabrook Station ODCM Section 10.1 requires the notification of the NRC by special report within 30 days of receipt from the environmental laboratory whenever a Reporting Level in Table 5.3-1 is exceeded. Reporting Levels are the environmental concentrations that relate to the ALARA design dose objectives of 10 CFR 50, Appendix I. It should be noted that environmental concentrations are averaged over calendar quarters for the purposes of this comparison, and that Reporting Levels apply only to measured levels of radioactivity due to plant effluents. During 2025, no Reporting Levels were exceeded.

Table 5.2-1

DETECTION CAPABILITIES FOR ENVIRONMENTAL SAMPLE ANALYSIS[a]

Lower Limit of Detection (LLD)

Analysis	Water (pCi/kg)	Airborne Particulate or Gas (pCi/m^3)	Fish and Invertebrates (pCi/kg, wet)	Milk (pCi/kg)	Food Products (pCi/kg, wet)	Sediment (pCi/kg, dry)
Gross Beta	4	0.01				
H-3	3,000					
Mn-54	15		130			
Fe-59	30		260			
Co-58, 60	15		130			
Zn-65	30		260			
Zr-Nb-95	15[c]					
I-131	15	0.07		1	60[b]	
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140	15[c]			15		

a. Reference Seabrook Station ODCM, Table A.9.1-2 for clarifications.
b. Broad leaf vegetation only.
c. Parent only.

Table 5.3-1

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES[a]

Analysis	Water (pCi/kg)	Airborne Particulate or Gas (pCi/m^3)	Fish and Invertebrates (pCi/kg, wet)	Milk (pCi/kg)	Food Products (pCi/kg, wet)
H-3	30,000				
Mn-54	1,000		30,000		
Fe-59	400		10,000		
Co-58	1,000		30,000		
Co-60	300		10,000		
Zn-65	300		20,000		
Zr-Nb-95	400				
I-131	100	0.9		3	100[b]
Cs-134	30	10	1,000	60	1,000
Cs-137	50	20	2,000	70	2,000
Ba-La-140	200			300	

a. Reference Seabrook Station ODCM Table A.9.1-3 for clarifications.
b. Broad leaf vegetation only.

6.0 QUALITY ASSURANCE PROGRAM

6.1 GEL Laboratories QA

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 their Quality Assurance Plan, GL-QS-B-001. The Quality Systems include all quality assurance (QA) policies and quality control (QC) procedures necessary to plan, implement, and assess the work that GEL performs. GEL's QA Program establishes a quality management system (QMS) that governs all of the activities of the organization.

The results of GEL's assessment of their laboratory activities listed in this section entails their quality assurance program for the proficiency testing (PT) and environmental monitoring aspects of GEL for 2025. 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 summary was extracted from GEL Laboratories report entitled "2025 Annual Quality Assurance Report for the Radiological Environmental Monitoring Program (REMP)", dated March 12, 2026, and includes:

- Intra-laboratory QC results analyzed during 2025.
- Inter-laboratory QC results analyzed during 2025 where known values were available.

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

In addition to internal and client audits, GEL's laboratory participates in annual performance evaluation studies conducted by independent providers. GEL routinely participates 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 statistical process control (SPC) data.

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

- US Environmental Protection Agency (EPA) Discharge Monitoring Report, Quality Assurance Program (DMR-QA) - An annual national program sponsored by the 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 (DOE) 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, which includes parameters for both organic and inorganic analytes.

- ERA's Water Supply (WS) biannual program for drinking water methodologies, which 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 program test (PT) provider, samples are managed and analyzed in the same manner as environmental samples from GEL's clients.

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 supplier, 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 (NELAP)
- 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 Environmental Services (SC DES)

The annual radiochemistry laboratory internal audit (25-RAD-001) was conducted in September of 2025. There were no findings, two observations, and no recommendations for improvements from this assessment.

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.

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.

GEL also evaluates its 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. GEL establishes 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. Current process control limits are maintained in GEL's Laboratory Information Management System (LIMS). GEL also measures 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 to 20%, for activity levels exceeding the contract required detection limit (CRDL).

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 samples 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 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.

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

Summary of Data Results

During 2025, forty-one (41) radioisotopes associated with six (6) 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 2025. Of the three hundred sixty-nine (369) total results, 97% (358 out of 369) 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
- Vegetation

A summary list of all Inter-laboratory radiological proficiency test results and their evaluation against their acceptance criteria is provided in Table 6.1-1. This list reflects GEL's participation in the MAPEP Monitoring Program, the ERA MRaD PT Program, the ERA PT Program, and the Eckert & Ziegler Analytics Environmental Cross-Check Program.

Summaries of GEL's Intra-laboratory test result for bias and precision by sample matrix are provided in Table 6.1-3 (REMP Related) and Table 6.1-4 (All Samples).

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

Eckert & Ziegler Analytics provided samples for forty-six (46) 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. Of the 46 analyses reported, 95.7% (44 out of 46) fell within the acceptance criteria. Two isotope failures occurred: Strontium-89 and Strontium-90.

Table 6.1-2 list the results specific to the Eckert & Ziegler Analytics sample provided in 2025. For the corrective actions associated with the isotope failure, refer to the corrective actions in Table 6.1-5.

Summary of Participation in the MAPEP Monitoring Program

MAPEP Series 52 and Series 53 were analyzed by the laboratory. Of the one hundred thirty-nine (139) analyses reported, 97.1% (135 out of 139) of all results fell within the PT provider's acceptance criteria.

For the corrective actions associated with MAPEP Series 52 and 53, refer to the corrective actions in Table 6.1-5.

Summary of Participation in the ERA MRaD PT Program

The ERA MRad program provided samples (MRAD-42 and MRAD-43) for one hundred forty-eight (148) individual environmental analyses. One hundred forty-six (146) of the 148 analyses fell within the PT provider's acceptance criteria (98.6%).

For the corrective actions associated with MRAD-42 and MRAD-43, refer to the corrective actions in Table 6.1-5.

Summary of Participation in the ERA PT Program

The ERA program provided samples (RAD-140, RAD-142,and RAD-143) for thirty-six (36) individual environmental analyses. Of the 36 analyses, 91.7% (33 of 36) of all results fell within the PT provider's acceptance criteria.

For the corrective actions associated with RAD-140, RAD-142, and RAD-143, refer to the corrective actions in Table 6.1-5.

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 standard operating procedures (SOP). The other is formal corrective action documented by the Quality Systems Team in accordance with GEL's standard operating procedure 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 GEL's standard operating procedure GL-QS-E-002 for Conducting Corrective/Preventive Action and Identifying Opportunities for Improvement. Recording and documentation is performed following guidelines stated in GEL's standard operating procedure 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 GEL's standard operating

procedure 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 6.1-5 provides the status of CARRs for radiological performance testing during 2025. GEL has determined that causes of the failures did not impact any data reported to its clients.

TABLE 6.1-1

2025 INTER-LAB RADIOLOGICAL PROFICIENCY TESTING RESULTS AND ACCEPTANCE CRITERIA

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Barium-133	103	89.7	71.5 - 108	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Cesium-134	39.9	38.4	25.4 - 51.4	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Cesium-137	162	157	123 - 191	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Cobalt-60	75.8	66.8	50.9 - 82.7	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Zinc-65	78.7	74.3	39.3 - 109	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Gross Alpha	77.3	72.2	55.3 - 89.1	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Gross Beta	54.9	59.2	44.1 - 74.3	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Uranium (Nat)	63.1	63.6	56.6 - 70.6	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	µg/L	Uranium (mass)	85.7	92.7	82.5 - 103	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Tritium	9760	11400	9340 - 13500	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Strontium-89	65	57.4	42.5 - 72.3	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Strontium-90	36.8	42.6	36.5 - 48.7	Acceptable
ERA	1st/2025	3/3/2025	RAD-140	Water	pCi/L	Iodine-131	31.8	28.1	24.4 - 31.8	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Actinium-228	1140	1150	759-1450	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Americium-241	986	1060	572-1710	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Bismuth-212	1160	1150	329-1710	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Bismuth-214	514	634	304-943	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Cesium-134	5860	6520	4460-7790	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Cesium-137	4170	4420	3340-5590	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Cobalt-60	3160	3260	2570-4020	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Lead-212	1200	1150	802-1450	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Lead-214	661	634	266-997	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Manganese-54	<37.1	<555	0-555	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Plutonium-238	1000	1070	534-1630	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Plutonium-239	1070	1150	627-1650	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Potassium-40	33600	34100	23500-40700	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Strontium-90	3990	5710	1780-8890	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Thorium-234	3640	3470	1310-5940	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Uranium-234	3320	3500	1640-4590	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Uranium-238	3190	3470	1900-4660	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Uranium-Total	6650	7120	3950-9210	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Soil	µg/kg	Uranium (mass)	9540	10400	4690-14000	Acceptable

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ERA	2nd/2025	5/20/2025	MRAD-42	Soil	pCi/kg	Zinc-65	1330	1240	990-1690	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Americium-241	72.6	67.7	48.3-90.3	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Cesium-134	224	232	151-284	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Cesium-137	468	451	370-592	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Cobalt-60	278	250	212-318	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Iron-55	216	181	66.1-289	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Manganese-54	<3.45	<35.0	0-35	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Plutonium-238	39	40.2	30.4-49.4	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Plutonium-239	64.6	62.3	46.6-75.2	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Strontium-90	19.7	24.6	15.6-33.5	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Uranium-234	32.7	34.2	25.4-40.1	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Uranium-238	32.8	33.9	25.6-40.4	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Uranium-Total	67.2	69.7	50.9-82.7	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	µg/Filter	Uranium (mass)	98.4	102	81.9-119	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Zinc-65	702	632	518-966	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Gross Alpha	43.8	39.5	20.6-65.1	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Filter	pCi/Filter	Gross Beta	57.5	55.2	33.5-83.4	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Tritium	6450	9420	7100-11500	Not Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Americium-241	45.5	39.5	27.1-50.5	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Cesium-134	1530	1600	1210-1760	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Cesium-137	1130	1080	925-1230	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Cobalt-60	276	255	220-293	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Iron-55	1740	1460	858-2120	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Manganese-54	<3.16	<71.0	0-71	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Plutonium-238	69.4	77.2	46.4-100	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Plutonium-239	54.8	58.4	36.1-72.0	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Strontium-90	556	626	451-774	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Uranium-234	90.8	98.2	74.8-112	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Uranium-238	97.6	97.4	75.5-115	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Uranium-Total	193	200	156-228	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	µg/L	Uranium (mass)	292	292	237-331	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Zinc-65	258	231	206-292	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Gross Alpha	71.8	77.3	28.2-107	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Water	pCi/L	Gross Beta	103	99.4	49.7-137	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Americium-241	1640	1800	1110-2540	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Cesium-134	1700	1880	1250-2500	Acceptable

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ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Cesium-137	627	572	440-700	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Cobalt-60	1800	1720	1350-2250	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Curium-244	719	860	485-1070	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Manganese-54	<34.7	<207	0-207	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Plutonium-238	3210	3750	2600-4840	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Plutonium-239	4170	4590	3170-5810	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Potassium-40	31200	28500	21400-36100	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Strontium-90	2000	2360	1330-3080	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Uranium-234	3580	3960	2780-5050	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Uranium-238	3700	3930	2780-4920	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Uranium-Total	7510	8080	5160-10900	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	µg/kg	Uranium (mass)	11100	11800	9060-14600	Acceptable
ERA	2nd/2025	5/20/2025	MRAD-42	Veg	pCi/kg	Zinc-65	825	741	553-1100	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Barium-133	36.1	30.1	17.9-42.3	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Cesium-134	60.9	65.6	49.8-81.4	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Cesium-137	166	152	118-186	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Cobalt-60	133	113	92.5-134	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Zinc-65	83.5	80.6	44.9-116	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Gross Alpha	28.8	33.8	24.6-43.0	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Gross Alpha	27.6	33.8	24.6-43.0	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Gross Beta	45.7	41.7	24.6-43.0	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Radium-226	14	14.4	12.0-16.8	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Radium-228	4.4	4.76	2.99-6.53	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Radium-228	5.33	4.76	2.99-6.53	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Uranium (Nat)	65.9	68.1	60.8-75.6	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	µg/L	Uranium (mass)	91.76	99.5	88.6-110	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Tritium	14500	15800	13300-18300	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Tritium	15000	15800	13300-18300	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Strontium-89	51.2	45.3	31.6-59.0	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Strontium-89	47.3	45.3	31.6-59.0	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Strontium-90	30.5	34.3	29.0-39.6	Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Strontium-90	26.5	34.3	29.0-39.6	Not Acceptable
ERA	3rd/2025	08/25/25	RAD-142	Water	pCi/L	Iodine-131	22.8	28.3	24.5-32.1	Not Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Actinium-228	112	1150	759-1450	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Americium-241	1400	1550	837-2190	Acceptable

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ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Bismuth-212	1260	1150	329-1710	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Bismuth-214	2010	2880	1380-4290	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Cesium-134	2900	3340	2280-3990	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Cesium-137	6950	7190	5440-9090	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Cobalt-60	1170	1190	937-1470	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Lead-212	1350	1150	802-1450	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Lead-214	2530	3020	1270-4750	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Manganese-54	<20.4	<555	0.0-555	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Plutonium-238	831	845	421-1280	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Plutonium-239	1550	1300	708-1870	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Potassium-40	32500	34100	23500-40700	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Strontium-90	6510	9490	2950--14800	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Thorium-234	3850	4200	1590-7190	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Uranium-234	4350	4240	1990-5560	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Uranium-234	3890	4240	1990-5560	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Uranium-238	4380	4200	2300-5640	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Uranium-238	4050	4200	2300-5640	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Uranium-Total	8942	8630	4790-11200	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Uranium-Total	8160	8630	4790-11200	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	µg/kg	Uranium (mass)	13100	12600	5690-17000	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	µg/kg	Uranium (mass)	12200	12600	5690-17000	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Soil	pCi/kg	Zinc-65	3680	3820	3050-5210	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Americium-241	3290	3510	2170-4960	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Cesium-134	1700	2040	1350-2720	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Cesium-137	2010	2190	1680-2950	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Cobalt-60	1990	1940	1520-2540	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Curium-244	2040	2130	1200-2650	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Manganese-54	<30.7	<207	0.0-207	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Plutonium-238	1140	1120	776-1440	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Plutonium-239	3880	3550	2450-4490	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Potassium-40	27800	28500	21400-36100	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Strontium-90	4200	5330	3000-6950	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Uranium-234	3070	3230	2270-4120	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Uranium-238	3290	3210	2270-4010	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Uranium-Total	6580	6590	4210-8880	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	µg/kg	Uranium (mass)	9880	9610	7380-11900	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Veg	pCi/kg	Zinc-65	2070	1940	1450-2880	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Americium-241	38.7	39.8	28.4-53.1	Acceptable

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ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Cesium-134	304	341	221-418	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Cesium-137	383	379	311-497	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Cobalt-60	349	322	274-409	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Iron-55	189	166	60.6-265	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Manganese-54	<2.5	<35.0	0.0-35.0	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Plutonium-238	20	18.4	13.9-22.6	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Plutonium-239	35.6	31.3	23.4-37.8	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Strontium-90	161	158	99.9-215	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Uranium-234	60.2	63.4	47.0-74.3	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Uranium-234	59.6	63.4	47.0-74.3	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Uranium-238	67.8	62.9	47.5-75.0	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Uranium-238	63.1	62.9	47.5-75.0	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Uranium-Total	131	129	94.2-153	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Uranium-Total	127	129	94.2-153	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	µg/Filter	Uranium (mass)	203	188	151-220	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	µg/Filter	Uranium (mass)	189	188	151-220	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Zinc-65	219	193	158-295	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Gross Alpha	37.5	22	11.5-36.2	Not Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Filter	pCi/Filter	Gross Beta	42.3	40.5	24.6-61.2	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Americium-241	73.9	68.6	47.1-87.7	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Cesium-134	720	765	578-842	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Cesium-137	1690	1670	1790-2390	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Cobalt-60	2170	2080	1790-2390	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Iron-55	455	399	234-580	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Manganese-54	<5.37	<71.0	0.0-71.0	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Plutonium-238	106	115	69.1-149	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Plutonium-239	40.4	39.8	24.6-49.0	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Strontium-90	790	699	503-864	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Uranium-234	129	133	101-152	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Uranium-234	140	133	101-152	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Uranium-238	132	132	102-155	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Uranium-238	132	132	102-155	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Uranium-Total	270	271	211-309	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Uranium-Total	278	271	211-309	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	µg/L	Uranium (mass)	395	395	320-448	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	µg/L	Uranium (mass)	397	395	320-448	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Zinc-65	512	463	412-584	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Gross Alpha	99.8	136	49.6-188	Acceptable

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ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Gross Beta	194	188	94.0-259	Acceptable
ERA	4th/2025	12/31/25	MRAD-43	Water	pCi/L	Tritium	27500	28300	21300-34400	Acceptable
ERA	4th/2025	12/12/25	RAD-143	Water	pCi/L	Iodine-131	22.9	24.3	20.9-27.7	Acceptable
ERA	4th/2025	12/12/25	RAD-143	Water	pCi/L	Strontium-89	63	64.2	48.6-79.8	Acceptable
ERA	4th/2025	12/12/25	RAD-143	Water	pCi/L	Strontium-90	35.7	43.8	37.6-50.0	Not Acceptable
EZA	1st/2025	5/14/25	E14302	Cartridge	pCi	Iodine-131	6.64E+01	6.61E+01	1	Acceptable
EZA	1st/2025	5/14/25	E14303	Milk	pCi/L	Strontium-89	9.67E+01	9.19E+01	1.05	Acceptable
EZA	1st/2025	5/14/25	E14303	Milk	pCi/L	Strontium-90	9.00E+00	1.56E+01	0.58	Not Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Cerium-141	7.85E+01	7.58E+01	1.04	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Cobalt-58	1.06E+02	1.05E+02	1.01	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Cobalt-60	1.99E+02	1.93E+02	1.03	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Chromium-51	2.83E+02	2.91E+02	0.97	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Cesium-134	1.28E+02	1.42E+02	0.90	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Cesium-137	1.72E+02	1.68E+02	1.03	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Iron-59	1.53E+02	1.35E+02	1.14	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Iodine-131	1.02E+02	9.47E+01	1.08	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Manganese-54	2.09E+02	1.89E+02	1.11	Acceptable
EZA	1st/2025	5/14/25	E14304	Milk	pCi/L	Zinc-65	2.87E+02	2.51E+02	1.15	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Cerium-141	8.94E+01	7.57E+01	1.18	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Cobalt-58	1.09E+02	1.05E+02	1.04	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Cobalt-60	2.00E+02	1.93E+02	1.04	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Chromium-51	3.07E+02	2.91E+02	1.06	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Cesium-134	1.26E+02	1.42E+02	0.89	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Cesium-137	1.76E+02	1.68E+02	1.05	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Iron-59	1.58E+02	1.35E+02	1.17	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Iodine-131	7.86E+01	7.60E+01	1.03	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Manganese-54	2.07E+02	1.89E+02	1.10	Acceptable
EZA	1st/2025	5/14/25	E14305	Water	pCi/L	Zinc-65	2.77E+02	2.50E+02	1.11	Acceptable
EZA	4th/2025	2/6/26	E14410	Cartridge	pCi	Iodine-131	8.28E+01	8.88E+01	0.93	Acceptable
EZA	4th/2025	2/6/26	E14411	Milk	pCi/L	Strontium-89	1.19E+02	8.49E+01	1.40	Not Acceptable
EZA	4th/2025	2/6/26	E14411	Milk	pCi/L	Strontium-90	1.53E+01	1.56E+01	0.98	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Cerium-141	1.50E+02	1.43E+02	1.05	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Cobalt-58	1.75E+02	1.69E+02	1.03	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Cobalt-60	2.24E+02	2.17E+02	1.03	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Chromium-51	3.36E+02	2.99E+02	1.12	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Cesium-134	1.28E+02	1.39E+02	0.92	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Cesium-137	1.75E+02	1.68E+02	1.04	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Iron-59	1.57E+02	1.34E+02	1.17	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Iodine-131	9.80E+01	8.60E+01	1.14	Acceptable

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Manganese-54	1.98E+02	1.87E+02	1.06	Acceptable
EZA	4th/2025	2/6/26	E14412	Milk	pCi/L	Zinc-65	2.94E+02	2.44E+02	1.2	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Cerium-141	1.53E+02	1.43E+02	1.06	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Cobalt-58	1.74E+02	1.69E+02	1.03	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Cobalt-60	2.40E+02	2.17E+02	1.11	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Chromium-51	3.04E+02	2.98E+02	1.02	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Cesium-134	1.29E+02	1.39E+02	0.93	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Cesium-137	1.72E+02	1.68E+02	1.02	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Iron-59	1.58E+02	1.33E+02	1.18	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Iodine-131	4.73E+01	4.52E+01	1.05	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Manganese-54	2.05E+02	1.87E+02	1.10	Acceptable
EZA	4th/2025	2/6/26	E14413	Water	pCi/L	Zinc-65	2.84E+02	2.44E+02	1.17	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-GrF52	Filter	Bq/smpl	Gross Alpha	0.179	0.255	0.077-0.434	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-GrF52	Filter	Bq/smpl	Gross Beta	0.844	0.894	0.447-1.341	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-GrW52	Water	Bq/L	Gross Alpha	0.365	0.411	0.123-0.699	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-GrW52	Water	Bq/L	Gross Beta	2.98	3.03	1.52-4.55	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Americium-241	38.2	39.8	27.9-51.7	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Cesium-134	465	519	363-675	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Cesium-137	464	442	309-575	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Cobalt-57	1160	1000	700-1300	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Cobalt-60	605	626	438-814	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Iron-55	1310	1090	763-1417	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Manganese-54	1120	1080	756-1404	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Nickel-63	1380	1560	1092-2028	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Plutonium-238	33.7	33.3	23.3-43.3	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Plutonium-239/240	36.1	40.1	28.1-52.1	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Potassium-40	505	511	358-664	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Strontium-90	597	727	509-945	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Technetium-99	734	725	508-943	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Thorium 228	49	44.4	31.1-57.7	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Thorium 230	49	47	32.9-61.1	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Thorium 232	42.3	41.4	29.0-53.8	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Uranium-234/233	34.7	35.9	25.1-46.7	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Uranium-238	62	69	48-90	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaS52	Soil	Bq/Kg	Zinc-65	833	776	543-1009	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Americium-241	0.555	0.559	0.391-0.727	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Cesium-134	0.0271	NA	False Pos. Test	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Cesium-137	6.67	6.9	4.8-9.0	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Cobalt-57	30	30.9	21.6-40.2	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Cobalt-58	37.5	37.7	26.4-49.0	Acceptable

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Cobalt-60	0.322	0.29	Sens. Eval.	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Hydrogen-3	164	191	134-248	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Iron-55	35.2	25.5	17.9-33.2	Not Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Manganese-54	-0.0059	NA	False Pos. Test	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Nickel-63	30.8	38.9	27.2-50.6	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Plutonium-238	0.00764	0.0081	Sens. Eval.	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Plutonium-239/240	0.536	0.569	0.398-0.740	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Potassium-40	35.1	30.3	21.2-39.4	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Radium-226	0.386	0.437	0.306-0.568	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Strontium-90	2.46	2.82	1.97-3.67	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Technetium-99	7.4	6.34	4.44-8.24	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Uranium-234/233	0.526	0.535	0.375-0.696	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Uranium-238	0.528	0.548	0.384-0.712	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-MaW52	Water	Bq/L	Zinc-65	29	26.7	18.7-34.7	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	ug/smpl	Uranium-235	0.0361	0.039	0.027-0.051	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	ug/smpl	Uranium-238	5.45	5.36	3.75-6.97	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	ug/smpl	Uranium-Total	5.486	5.4	3.78-7.02	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Americium-241	0.045	0.0437	0.0306-0.0568	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Cesium-134	0.408	0.34	0.238-0.442	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Cesium-137	0.803	0.678	0.475-0.881	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Cobalt-57	0.001	NA	False Pos.Test	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Cobalt-60	0.522	0.486	0.340-0.632	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Manganese-54	0.0108	NA	False Pos.Test	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Plutonium-238	0.0272	0.0216	0.0151-0.0281	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Plutonium-239/240	0.0164	0.0141	0.0099-0.0183	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Strontium-90	0.455	0.502	0.351-0.653	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Uranium-234/233	0.0641	0.064	0.045-0.083	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Uranium-238	0.0661	0.067	0.047-0.087	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdF52	Filter	Bq/smpl	Zinc-65	0.0464	NA	False Pos.Test	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Americium-241	0.0787	0.0728	0.0510-0.0946	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Cesium-134	-0.0168	NA	False Pos.Test	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Cesium-137	0.593	0.707	0.495-0.919	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Cobalt-57	3.41	3.4	2.38-4.42	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Cobalt-60	0.000769	NA	False Pos.Test	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Manganese-54	2.79	2.72	1.90-3.54	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Plutonium-238	0.0714	0.0734	0.0514-0.0954	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Plutonium-239/240	0.0011	0.00026	Sens. Eval.	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Strontium-90	0.266	0.37	0.259-0.481	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Uranium-234/233	0.214	0.208	0.146-0.270	Acceptable

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MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Uranium-238	0.218	0.214	0.150-0.278	Acceptable
MAPEP	2nd/2025	6/6/2025	MAPEP-25-RdV52	Veg	Bq/smpl	Zinc-65	2.05	1.87	1.31-2.43	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-GrF53	Filter	Bq/smpl	Gross Alpha	1.07	1.24	0.36-2.11	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-GrF53	Filter	Bq/smpl	Gross Beta	1.79	1.75	0.88-2.63	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-GrW53	Water	Bq/L	Gross Alpha	0.831	0.96	0.29-1.63	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-GrW53	Water	Bq/L	Gross Beta	1.75	1.9	0.95-2.85	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Americium-241	0.449	NA	False Pos. Test	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Cesium-134	523	613	429-797	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Cesium-137	676	686	480-892	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Cobalt-57	1.61	NA	False Pos. Test	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Cobalt-60	1090	1144	801-1487	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Iron-55	1240	518	363-673	Not Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Manganese-54	769	771	540-1002	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Neptunium-237	0.465	18.35	12.85-23.86	Not Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Nickel-63	1130	1474	1032-1916	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Plutonium-238	0.0987	0.48	Sens. Eval.	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Plutonium-239/240	0.831	0.33	Sens. Eval.	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Potassium-40	514	492	516-958	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Strontium-90	552	737	516-958	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Technetium-99	433	370	259-481	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Thorium 228	42.8	41.7	29.2-54.2	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Thorium 230	51.6	45.6	31.9-59.3	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Thorium 232	42.4	38.7	27.1-50.3	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Uranium-234/233	33.8	35.9	25.1-46.7	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Uranium-238	62	68	48-88	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaS53	Soil	Bq/Kg	Zinc-65	-1.2	NA	False Pos. Test	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Americium-241	0.368	0.361	0.253-0.469	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Cerium-139	27.3	26.4	18.5-34.3	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Cesium-134	6.57	7.34	5.14-9.54	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Cesium-137	6.69	6.7	4.7-8.7	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Cobalt-57	0.0111	NA	False Pos. Test	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Cobalt-60	7.17	7.24	5.07-9.41	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Hydrogen-3	252	276	193-359	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Iron-55	31.7	33	23.1-42.9	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Manganese-54	7.93	7.95	5.57-10.34	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Nickel-63	21.2	25	17.5-32.5	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Plutonium-238	-0.00369	0.0019	Sens. Eval.	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Plutonium-239/240	0.00805	0.0037	Sens. Eval.	Acceptable

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Potassium-40	-1.1	NA	False Pos. Test	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Radium-226	0.343	0.407	0.285-0.529	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Strontium-90	2.62	3.02	2.11-3.93	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Technetium-99	-0.363	NA	False Pos. Test	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Uranium-234/233	0.399	0.426	0.298-0.554	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Uranium-238	0.373	0.404	0.283-0.525	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-MaW53	Water	Bq/L	Zinc-65	24.7	23.1	16.2-30.0	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	ug/smpl	Uranium-235	0.0228	0.023	0.0161-0.0299	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	ug/smpl	Uranium-238	2.72	3.18	2.23-4.13	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	ug/smpl	Uranium-Total	2.743	3.21	2.25-4.17	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Americium-241	0.0377	0.0364	0.0255-0.0473	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Cesium-134	0.761	0.802	0.561-1.043	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Cesium-137	0.569	0.512	0.358-0.666	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Cobalt-57	1.18	1.13	0.79-1.47	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Cobalt-60	0.0219	NA	False Pos. Test	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Manganese-54	1.12	1.07	0.75-1.39	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Plutonium-238	0.0545	0.0538	0.0377-0.0699	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Plutonium-239/240	0.0541	0.0527	0.0369-0.0685	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Strontium-90	1.05	1.15	0.81-1.50	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Uranium-234/233	0.0393	0.0381	0.0267-0.0495	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Uranium-238	0.0409	0.0396	0.0277-0.0515	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdF53	Filter	Bq/smpl	Zinc-65	8.84	1.51	1.06-1.96	Not Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Americium-241	-0.000308	0.00038	Sens. Eval.	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Cesium-134	0.00315	NA	False Pos. Test	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Cesium-137	1.12	0.986	0.690-1.282	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Cobalt-57	4.91	4.47	3.13-5.81	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Cobalt-60	2.42	2.3	1.61-2.99	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Manganese-54	3.3	3.1	2.17-4.03	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Plutonium-238	0.04	0.0366	0.0256-0.0476	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Plutonium-239/240	0.0377	0.371	0.0260-0.0482	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Strontium-90	1.42	1.43	1.00-1.86	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Uranium-234/233	0.111	0.115	0.081-0.150	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Uranium-238	0.117	0.119	0.083-0.155	Acceptable
MAPEP	4th/2025	12/19/25	MAPEP-25-RdV53	Veg	Bq/smpl	Zinc-65	10.4	9.29	6.5-12.08	Acceptable

Table 6.1-2
2025 ECKERT & ZIEGLER ANALYTICS PERFORMANCE EVALUATION RESULTS

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
5/14/25	E14302	Cartridge	pCi	Iodine-131	6.64E+01	6.61E+01	1	Acceptable
5/14/25	E14303	Milk	pCi/L	Strontium-89	9.67E+01	9.19E+01	1.05	Acceptable
5/14/25	E14303	Milk	pCi/L	Strontium-90	9.00E+00	1.56E+01	0.58	Not Acceptable
5/14/25	E14304	Milk	pCi/L	Cerium-141	7.85E+01	7.58E+01	1.04	Acceptable
5/14/25	E14304	Milk	pCi/L	Cobalt-58	1.06E+02	1.05E+02	1.01	Acceptable
5/14/25	E14304	Milk	pCi/L	Cobalt-60	1.99E+02	1.93E+02	1.03	Acceptable
5/14/25	E14304	Milk	pCi/L	Chromium-51	2.83E+02	2.91E+02	0.97	Acceptable
5/14/25	E14304	Milk	pCi/L	Cesium-134	1.28E+02	1.42E+02	0.90	Acceptable
5/14/25	E14304	Milk	pCi/L	Cesium-137	1.72E+02	1.68E+02	1.03	Acceptable
5/14/25	E14304	Milk	pCi/L	Iron-59	1.53E+02	1.35E+02	1.14	Acceptable
5/14/25	E14304	Milk	pCi/L	Iodine-131	1.02E+02	9.47E+01	1.08	Acceptable
5/14/25	E14304	Milk	pCi/L	Manganese-54	2.09E+02	1.89E+02	1.11	Acceptable
5/14/25	E14304	Milk	pCi/L	Zinc-65	2.87E+02	2.51E+02	1.15	Acceptable
5/14/25	E14305	Water	pCi/L	Cerium-141	8.94E+01	7.57E+01	1.18	Acceptable
5/14/25	E14305	Water	pCi/L	Cobalt-58	1.09E+02	1.05E+02	1.04	Acceptable
5/14/25	E14305	Water	pCi/L	Cobalt-60	2.00E+02	1.93E+02	1.04	Acceptable
5/14/25	E14305	Water	pCi/L	Chromium-51	3.07E+02	2.91E+02	1.06	Acceptable
5/14/25	E14305	Water	pCi/L	Cesium-134	1.26E+02	1.42E+02	0.89	Acceptable
5/14/25	E14305	Water	pCi/L	Cesium-137	1.76E+02	1.68E+02	1.05	Acceptable
5/14/25	E14305	Water	pCi/L	Iron-59	1.58E+02	1.35E+02	1.17	Acceptable
5/14/25	E14305	Water	pCi/L	Iodine-131	7.86E+01	7.60E+01	1.03	Acceptable
5/14/25	E14305	Water	pCi/L	Manganese-54	2.07E+02	1.89E+02	1.10	Acceptable
5/14/25	E14305	Water	pCi/L	Zinc-65	2.77E+02	2.50E+02	1.11	Acceptable
2/6/26	E14410	Cartridge	pCi	Iodine-131	8.28E+01	8.88E+01	0.93	Acceptable
2/6/26	E14411	Milk	pCi/L	Strontium-89	1.19E+02	8.49E+01	1.40	Not Acceptable
2/6/26	E14411	Milk	pCi/L	Strontium-90	1.53E+01	1.56E+01	0.98	Acceptable
2/6/26	E14412	Milk	pCi/L	Cerium-141	1.50E+02	1.43E+02	1.05	Acceptable
2/6/26	E14412	Milk	pCi/L	Cobalt-58	1.75E+02	1.69E+02	1.03	Acceptable
2/6/26	E14412	Milk	pCi/L	Cobalt-60	2.24E+02	2.17E+02	1.03	Acceptable
2/6/26	E14412	Milk	pCi/L	Chromium-51	3.36E+02	2.99E+02	1.12	Acceptable

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
2/6/26	E14412	Milk	pCi/L	Cesium-134	1.28E+02	1.39E+02	0.92	Acceptable
2/6/26	E14412	Milk	pCi/L	Cesium-137	1.75E+02	1.68E+02	1.04	Acceptable
2/6/26	E14412	Milk	pCi/L	Iron-59	1.57E+02	1.34E+02	1.17	Acceptable
2/6/26	E14412	Milk	pCi/L	Iodine-131	9.80E+01	8.60E+01	1.14	Acceptable
2/6/26	E14412	Milk	pCi/L	Manganese-54	1.98E+02	1.87E+02	1.06	Acceptable
2/6/26	E14412	Milk	pCi/L	Zinc-65	2.94E+02	2.44E+02	1.2	Acceptable
2/6/26	E14413	Water	pCi/L	Cerium-141	1.53E+02	1.43E+02	1.06	Acceptable
2/6/26	E14413	Water	pCi/L	Cobalt-58	1.74E+02	1.69E+02	1.03	Acceptable
2/6/26	E14413	Water	pCi/L	Cobalt-60	2.40E+02	2.17E+02	1.11	Acceptable
2/6/26	E14413	Water	pCi/L	Chromium-51	3.04E+02	2.98E+02	1.02	Acceptable
2/6/26	E14413	Water	pCi/L	Cesium-134	1.29E+02	1.39E+02	0.93	Acceptable
2/6/26	E14413	Water	pCi/L	Cesium-137	1.72E+02	1.68E+02	1.02	Acceptable
2/6/26	E14413	Water	pCi/L	Iron-59	1.58E+02	1.33E+02	1.18	Acceptable
2/6/26	E14413	Water	pCi/L	Iodine-131	4.73E+01	4.52E+01	1.05	Acceptable
2/6/26	E14413	Water	pCi/L	Manganese-54	2.05E+02	1.87E+02	1.10	Acceptable
2/6/26	E14413	Water	pCi/L	Zinc-65	2.84E+02	2.44E+02	1.17	Acceptable
5/14/25	E14302	Cartridge	pCi	Iodine-131	6.64E+01	6.61E+01	1	Acceptable
5/14/25	E14303	Milk	pCi/L	Strontium-89	9.67E+01	9.19E+01	1.05	Acceptable
5/14/25	E14303	Milk	pCi/L	Strontium-90	9.00E+00	1.56E+01	0.58	Not Acceptable
5/14/25	E14304	Milk	pCi/L	Cerium-141	7.85E+01	7.58E+01	1.04	Acceptable
5/14/25	E14304	Milk	pCi/L	Cobalt-58	1.06E+02	1.05E+02	1.01	Acceptable
5/14/25	E14304	Milk	pCi/L	Cobalt-60	1.99E+02	1.93E+02	1.03	Acceptable
5/14/25	E14304	Milk	pCi/L	Chromium-51	2.83E+02	2.91E+02	0.97	Acceptable
5/14/25	E14304	Milk	pCi/L	Cesium-134	1.28E+02	1.42E+02	0.90	Acceptable
5/14/25	E14304	Milk	pCi/L	Cesium-137	1.72E+02	1.68E+02	1.03	Acceptable
5/14/25	E14304	Milk	pCi/L	Iron-59	1.53E+02	1.35E+02	1.14	Acceptable
5/14/25	E14304	Milk	pCi/L	Iodine-131	1.02E+02	9.47E+01	1.08	Acceptable
5/14/25	E14304	Milk	pCi/L	Manganese-54	2.09E+02	1.89E+02	1.11	Acceptable
5/14/25	E14304	Milk	pCi/L	Zinc-65	2.87E+02	2.51E+02	1.15	Acceptable
5/14/25	E14305	Water	pCi/L	Cerium-141	8.94E+01	7.57E+01	1.18	Acceptable
5/14/25	E14305	Water	pCi/L	Cobalt-58	1.09E+02	1.05E+02	1.04	Acceptable
5/14/25	E14305	Water	pCi/L	Cobalt-60	2.00E+02	1.93E+02	1.04	Acceptable
5/14/25	E14305	Water	pCi/L	Chromium-51	3.07E+02	2.91E+02	1.06	Acceptable
5/14/25	E14305	Water	pCi/L	Cesium-134	1.26E+02	1.42E+02	0.89	Acceptable

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
5/14/25	E14305	Water	pCi/L	Cesium-137	1.76E+02	1.68E+02	1.05	Acceptable
5/14/25	E14305	Water	pCi/L	Iron-59	1.58E+02	1.35E+02	1.17	Acceptable
5/14/25	E14305	Water	pCi/L	Iodine-131	7.86E+01	7.60E+01	1.03	Acceptable
5/14/25	E14305	Water	pCi/L	Manganese-54	2.07E+02	1.89E+02	1.10	Acceptable
5/14/25	E14305	Water	pCi/L	Zinc-65	2.77E+02	2.50E+02	1.11	Acceptable
2/6/26	E14410	Cartridge	pCi	Iodine-131	8.28E+01	8.88E+01	0.93	Acceptable
2/6/26	E14411	Milk	pCi/L	Strontium-89	1.19E+02	8.49E+01	1.40	Not Acceptable
2/6/26	E14411	Milk	pCi/L	Strontium-90	1.53E+01	1.56E+01	0.98	Acceptable
2/6/26	E14412	Milk	pCi/L	Cerium-141	1.50E+02	1.43E+02	1.05	Acceptable
2/6/26	E14412	Milk	pCi/L	Cobalt-58	1.75E+02	1.69E+02	1.03	Acceptable
2/6/26	E14412	Milk	pCi/L	Cobalt-60	2.24E+02	2.17E+02	1.03	Acceptable
2/6/26	E14412	Milk	pCi/L	Chromium-51	3.36E+02	2.99E+02	1.12	Acceptable
2/6/26	E14412	Milk	pCi/L	Cesium-134	1.28E+02	1.39E+02	0.92	Acceptable
2/6/26	E14412	Milk	pCi/L	Cesium-137	1.75E+02	1.68E+02	1.04	Acceptable
2/6/26	E14412	Milk	pCi/L	Iron-59	1.57E+02	1.34E+02	1.17	Acceptable
2/6/26	E14412	Milk	pCi/L	Iodine-131	9.80E+01	8.60E+01	1.14	Acceptable
2/6/26	E14412	Milk	pCi/L	Manganese-54	1.98E+02	1.87E+02	1.06	Acceptable
2/6/26	E14412	Milk	pCi/L	Zinc-65	2.94E+02	2.44E+02	1.2	Acceptable
2/6/26	E14413	Water	pCi/L	Cerium-141	1.53E+02	1.43E+02	1.06	Acceptable
2/6/26	E14413	Water	pCi/L	Cobalt-58	1.74E+02	1.69E+02	1.03	Acceptable
2/6/26	E14413	Water	pCi/L	Cobalt-60	2.40E+02	2.17E+02	1.11	Acceptable
2/6/26	E14413	Water	pCi/L	Chromium-51	3.04E+02	2.98E+02	1.02	Acceptable
2/6/26	E14413	Water	pCi/L	Cesium-134	1.29E+02	1.39E+02	0.93	Acceptable
2/6/26	E14413	Water	pCi/L	Cesium-137	1.72E+02	1.68E+02	1.02	Acceptable
2/6/26	E14413	Water	pCi/L	Iron-59	1.58E+02	1.33E+02	1.18	Acceptable
2/6/26	E14413	Water	pCi/L	Iodine-131	4.73E+01	4.52E+01	1.05	Acceptable
2/6/26	E14413	Water	pCi/L	Manganese-54	2.05E+02	1.87E+02	1.10	Acceptable
2/6/26	E14413	Water	pCi/L	Zinc-65	2.84E+02	2.44E+02	1.17	Acceptable

TABLE 6.1-3
REMP INTRA-LABORATORY DATA SUMMARY: BiAS AND PRECISION BY MATRIX

2025 REMP	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
TISSUE				
Gamma Spec Solid RAD A-013	85	2	94	0
SOLID				
Gamma Spec Solid RAD A-013 with Iodine	46	6	81	0
VEGETATION				
Gamma Spec Solid RAD A-013	14	0	21	0
LIQUID				
Iodine-131	0	0	253	0
Gross Alpha Non Vol Beta	77	1	220	0
MILK				
Gamma Iodine-131	29	0	205	0
Gamma Spec Liquid RAD A-013 with Ba, La	73	0	202	0
LIQUID				
Gamma Spec Liquid RAD A-013 with Ba, La	206	4	441	0
FILTER				
Gross A & B	1223	2	797	0
LIQUID				
Tritium	624	0	885	0
FILTER				
Gamma Spec Filter	67	2	148	0
SOLID				
Gamma Spec Solid RAD A-013	20	1	21	0
VEGETATION				
Gamma Spec Solid RAD A-013 with Iodine	191	3	220	0
DRINKING WATER				
Gross Alpha Non Vol Beta	193	1	205	0
MILK				
Gas Flow Sr 2nd count	98	0	113	0
LIQUID				
Gas Flow Sr 2nd count	43	0	43	0
Gamma Spec Liquid RAD A-013 with Iodine	50	0	245	0
MILK				
Gamma Spec Liquid RAD A-013 with Iodine	0	0	4	0

2025 REMP	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
TISSUE				
Gas Flow Total Strontium	13	0	13	0
LIQUID				
Gas Flow Total Strontium	50	0	57	0
SOLID				
Gas Flow Sr 2nd count	6	0	20	1
DRINKING WATER				
Tritium	115	0	106	0
Gamma Spec Liquid RAD A-013 with Ba, La	92	0	123	0
LIQUID				
LSC Iron-55	72	0	84	0
LSC Nickel 63	74	0	88	0
DRINKING WATER				
Gas Flow Sr 2nd count	10	0	2	0
SOLID				
Gas Flow Total Strontium	11	0	11	0
MILK				
Gas Flow Total Strontium	30	0	30	0
DRINKING WATER				
LSC Iron-55	61	0	57	0
LSC Nickel 63	65	0	57	0
LIQUID				
Gamma Iodine-131	0	0	4	0
VEGETATION				
Gas Flow Sr 2nd count	17	0	19	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	641	0	956	0
DRINKING WATER				
Gas Flow Total Strontium	56	0	49	0
Gamma Iodine-131	63	0	59	0
SOLID				
LSC Iron-55	15	0	15	0
LSC Nickel 63	15	0	19	0
TISSUE				
Gamma Spec Solid RAD A-013 with Iodine	18	0	22	0
LSC Iron-55	0	0	4	0
LSC Nickel 63	0	0	8	0
AIR CHARCOAL				

2025 REMP	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	75	0	75	0
DRINKING WATER				
Gamma Spec Liquid RAD A-013	19	0	19	0
Iodine-131	0	0	49	0
Gamma Spec Liquid RAD A-013 with Iodine	0	0	27	0
TISSUE				
Gas Flow Sr 2nd count	27	0	23	0
FILTER				
Gas Flow Sr 2nd Count	11	0	11	0
TISSUE				
Tritium	2	0	2	0
LIQUID				
Gamma Spec Liquid RAD A-013	10	0	10	0
SOLID				
Gamma Spec Solid RAD A-013 with Ba, La	2	0	2	0
FILTER				
Carbon-14 (Soda Lime)	0	0	8	0
Alpha Spec Plutonium	0	0	2	0
SOLID				
Tritium	3	0	3	0
VEGETATION				
Carbon-14	3	0	3	0
TOTAL	**4615**		**6235**	

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 6.1-4
ALL RADIOLOGICAL INTRA-LABORATORY DATA SUMMARY:
BiAS AND PRECISION BY MATRIX

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
LIQUID				
ICP-MS Uranium-233, 234 Prep in Liquid	84	0	146	0
Plutonium	600	0	722	2
VEGETATION				
Gas Flow Strontium 90	214	2	205	0
FILTER				
Gross A & B (Americium Calibration) Liquid	383	2	504	0
Alpha Spec Am243	62	3	174	0
SOLID				
LSC Promethium 147	105	0	117	0
TISSUE				
Alpha Spec Plutonium	133	0	163	0
SOLID				
Technetium-99	2478	5	2868	3
FILTER				
Gas Flow Sr-90	3	0	184	0
LSC Plutonium 241 Filter per Liter	0	0	101	0
ICP-MS Uranium-235, 236, 238 in Filter	36	0	164	0
Alpha Spec Polonium	3	0	82	0
LIQUID				
ICP-MS Technetium-99 in Water	65	0	94	0
TISSUE				
Gross Alpha/Beta	22	1	26	0
FILTER				
Carbon-14 (Soda Lime)	0	0	12	0
TISSUE				
Gas Flow Total Strontium	17	0	17	0
DRINKING WATER				
Gas Flow Sr 2nd count	14	0	3	0
LIQUID				
LSC Sulfur 35	42	0	54	0
DRINKING WATER				
Iodine-131	0	0	55	5
MILK				
Alpha Spec Uranium	1	0	4	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
LIQUID				
Iodine-131	8	0	13	1
SOLID				
Alpha Spec Neptunium (pCi/Sample)	18	0	18	0
MILK				
Alpha Spec Neptunium	1	0	1	0
VEGETATION				
Gas Flow Strontium 90	18	0	9	0
DRINKING WATER				
Gas Flow Strontium 90	8	0	4	0
MILK				
Technetium-99	1	0	1	0
FILTER				
Gas Flow Total Radium	0	0	11	0
AIR CHARCOAL				
Gas Flow Strontium 90	0	0	3	0
Alpha Spec Thorium	3	0	3	0
LIQUID				
Alpha Spec Plutonium	1625	8	2068	1
SOLID				
Alpha Spec Plutonium	2347	12	2541	0
LIQUID				
Gamma Nickel 59 RAD A-022	196	1	313	0
SOLID				
Alpha Spec Am241 Curium	2148	5	2294	0
DRINKING WATER				
Tritium in Drinking Water by EPA 906.0	467	0	515	0
FILTER				
Gas Flow Sr 2nd Count	41	1	177	0
MILK				
Gas Flow Sr 2nd count	133	0	153	0
SOLID				
LSC Selenium 79	131	0	248	1
FILTER				
Alpha Spec Plutonium	269	5	532	0
Tritium	556	0	1222	0
Gamma Iodine-129	0	0	342	0
SOLID				

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
ICP-MS Uranium-234, 235, 236, 238 Prep in Solid	427	0	424	0
VEGETATION				
Alpha Spec Plutonium	150	0	143	0
FILTER				
Gamma Spec Filter	440	9	533	0
SOLID				
ICP-MS Uranium-235, 236, 238 in Solid	775	2	846	1
LIQUID				
Gas Flow Strontium 89 & 90	6	0	58	0
SOLID				
Tritium	209	0	282	1
Gross Alpha Beta Soil Leach	193	0	199	0
TISSUE				
Alpha Spec Uranium	70	0	117	0
AIR CHARCOAL				
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	101	0	101	0
FILTER				
Alpha Spec Thorium	4	0	175	0
DRINKING WATER				
Alpha Spec Uranium	6	1	13	0
LIQUID				
Alpha Spec Radium 226	136	0	161	0
Alpha Spec Actinium	9	0	81	0
MILK				
Carbon-14	22	0	22	0
FILTER				
ICP-MS Tc-99 Prep in Filter	0	0	11	0
Alpha Spec Radium 226	22	0	28	0
LSC Iron-55	11	0	34	0
SOLID				
Technetium-99	15	0	15	0
FILTER				
GFC Chlorine-36 in Filters	3	0	31	0
LIQUID				
Gamma Iodine-131	0	0	5	0
TISSUE				
Alpha Spec Total Uranium	4	0	4	0
Gamma Iodine-129	15	0	15	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Carbon-14	12	0	12	0
DRINKING WATER				
Gamma Nickel 59 RAD A-022	5	0	5	0
LIQUID				
Alpha Spec Am241 Curium	1552	5	1967	0
SOLID				
Alpha Spec Thorium	3358	78	3351	1
FILTER				
Direct Count-Gross Alpha/Beta	837	16	287	0
SOLID				
Gas Flow Strontium 90	2056	10	2221	0
LIQUID				
Alpha Spec Total U RAD A-011	252	3	193	0
SOLID				
Alpha Spec Total Uranium	181	8	145	0
DRINKING WATER				
Gamma Spec Liquid RAD A-013 with Ba, La	125	0	170	0
LIQUID				
Gamma Spec Liquid RAD A-013 with Iodine	249	2	543	0
FILTER				
Alphaspec Pu Filter per Liter	0	0	175	0
DRINKING WATER				
Gas Flow Total Radium	5	0	5	0
SOLID				
Gamma Nickel 59 RAD A-022	1092	5	1161	0
FILTER				
Alpha Spec Neptunium	273	0	588	0
VEGETATION				
Alpha Spec Thorium	33	2	35	0
TISSUE				
Alpha Spec Plutonium	8	0	11	0
SOLID				
ICP-MS Uranium-234, 235, 236, 238 in Solid	788	12	785	0
DRINKING WATER				
Gamma Spec Drinking Water RAD A-013	122	1	295	33
AIR CHARCOAL				
Gamma Spec Filter RAD A-013	108	18	126	0
FILTER				
Nickel-63	0	0	115	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
VEGETATION				
Gamma Spec Solid RAD A-013 with Iodine	264	3	302	0
FILTER				
Gross Alpha/Beta	113	3	373	0
SOLID				
ICP-MS Uranium-235, 236, 238 Prep in Solid	422	0	461	0
DRINKING WATER				
Gas Flow Strontium 89 & 90	22	0	63	14
LSC Nickel 63	92	0	82	0
FILTER				
ICP-MS Uranium-233, 234 Prep in Filter	19	0	71	0
ICP-MS Uranium-235, 236, 238 Prep in Filter	26	0	85	0
Alpha Spec Polonium,(Filter/Liter)	0	0	63	0
TISSUE				
Gas Flow Strontium 90	167	0	166	0
LIQUID				
LSC, Rapid Strontium 89 and 90	74	0	128	1
TISSUE				
LSC Iron-55	0	0	5	0
FILTER				
Carbon-14	18	1	106	1
Gas Flow Pb-210	0	0	98	0
Tritium	487	0	589	0
SOLID				
Gross Alpha/Beta (Americium Calibration) Solid	16	0	20	0
LIQUID				
LSC Radon 222	93	0	98	0
SOLID				
Alpha Spec Uranium	112	5	159	0
FILTER				
LSC Promethium 147	8	0	35	0
TISSUE				
Alpha Spec Am241 Curium	60	0	112	0
LIQUID				
Gross Alpha Co-precipitation	6	0	138	1
TISSUE				
Alpha Spec Neptunium	29	0	29	0
AIR CHARCOAL				
Carbon-14	11	0	23	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
SOLID				
Gamma Spec Solid with Ra226, Ra228	13	0	13	0
AIR CHARCOAL				
Gamma Spec Charcoal	25	0	25	0
LIQUID				
LSC Phosphorus-32	3	0	3	0
DRINKING WATER				
Gas Flow Total Alpha Radium	122	1	123	0
VEGETATION				
Alpha Spec Uranium	0	0	3	0
SOLID				
Alpha Spec Plutonium	15	0	15	0
VEGETATION				
Alpha Spec Neptunium	7	0	7	0
LIQUID				
Chlorine-36 in Liquids	28	0	44	0
FILTER				
GFC Chlorine-36 in Filters PL	0	0	17	2
SOLID				
ICP-MS Technetium-99 Prep in Soil	18	0	9	0
ICP-MS Technetium-99 in Soil	18	0	9	0
VEGETATION				
Alpha Spec Plutonium	0	0	9	0
AIR CHARCOAL				
Alpha Spec Uranium	3	0	3	0
DRINKING WATER				
Gamma Iodine-129	3	0	8	0
LIQUID				
Gamma Iodine-129	814	1	987	0
SOLID				
Alpha Spec Uranium	3137	106	3245	0
Alpha Spec Neptunium	1894	1	2105	1
Gamma Spec Solid RAD A-013	7538	347	7612	0
Gas Flow Radium 228	634	5	671	1
Gross Alpha/Beta	2270	65	2539	4
Alpha Spec Plutonium	1076	12	1128	1
LSC Iron-55	808	3	821	0
LIQUID				
Chlorine-36 in Liquids	89	1	166	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
ICP-MS Uranium-234, 235, 236, 238 Prep in Liquid	211	0	287	0
ICP-MS Uranium-234, 235, 236, 238 in Liquid	428	0	541	0
Gamma Spec Liquid RAD A-013	3136	21	3282	0
FILTER				
Alphaspec Am241 Curium Filter per Liter	4	0	213	0
Lucas Cell Ra-226	31	0	119	0
LIQUID				
Alpha Spec Am243	110	1	162	0
FILTER				
LSC Iron-55	184	1	345	0
LSC Nickel 63	19	0	97	0
Alpha Spec Thorium	160	0	507	1
Gamma Nickel 59 RAD A-022	193	2	427	0
Alpha Spec Plutonium	136	1	716	0
LIQUID				
Alpha/Beta (Americium Calibration) Drinking Water	130	0	129	1
FILTER				
LSC, Rapid Strontium 89 and 90	229	1	378	1
Alpha Spec Am241Curium	310	4	949	0
Alpha Spec Uranium	43	1	123	0
SOLID				
ICP-MS Uranium-233, 234 in Solid	390	0	426	0
MILK				
Tritium	6	0	20	0
TISSUE				
LSC Nickel 63	0	0	10	0
VEGETATION				
Gas Flow Total Radium	11	1	12	0
Technetium-99	12	0	12	0
TISSUE				
Tritium	101	0	104	0
FILTER				
Technetium-99	0	0	106	0
SOLID				
Alpha Spec Radium 226	195	2	211	0
FILTER				
Alpha Spec Californium FPL	0	0	37	0
TISSUE				

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Technetium-99	92	0	88	0
MILK				
Gamma Spec Liquid RAD A-013 with Iodine	7	0	12	0
SOLID				
GFC Chlorine-36 in Solids	154	0	172	0
VEGETATION				
Carbon-14	23	0	26	0
DRINKING WATER				
ECLS-R-GA NJ 48 Hr Rapid Gross Alpha	70	0	51	0
MILK				
Alpha Spec Am241 Curium	1	0	4	0
DRINKING WATER				
Lucas Cell Radium 226	10	0	5	0
MILK				
Gamma Iodine-129	20	0	29	0
SOLID				
Alpha Spec Am241 (pCi/Sample)	15	0	15	0
Alpha Spec Thorium	15	0	15	0
Gross Alpha/Beta	4	0	4	0
LIQUID				
Alpha Spec Uranium	4	0	4	0
SOLID				
LSC Sulfur 35	6	0	6	0
Organically Bound Tritium	3	0	3	0
FILTER				
Gamma Spec Liquid RAD A-013	0	0	5	0
LIQUID				
Alpha Spec Neptunium	991	0	1233	0
Alpha Spec Plutonium	272	8	390	1
Tritium	6505	8	7440	5
SOLID				
Tritium	2076	5	2536	1
FILTER				
Gross A & B	1806	2	1424	0
LIQUID				
Gas Flow Total Radium	1352	5	1473	0
Gross Alpha Non Vol Beta	4683	50	6237	7
DRINKING WATER				
Gas Flow Total Strontium	77	0	68	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
LIQUID				
Gamma Spec Liquid RAD A-013 with Ba, La	277	4	597	0
Gas Flow Strontium 90	2496	16	3113	1
SOLID				
Alpha Spec Am243	728	14	818	0
LIQUID				
LSC Promethium 147	224	1	324	0
Gas Flow Sr 2nd count	316	0	618	1
FILTER				
LSC Plutonium Filter	327	1	620	1
VEGETATION				
Alpha Spec Uranium	145	2	164	0
TISSUE				
Alpha Spec Uranium	8	0	8	0
FILTER				
LSC Nickel 63	217	0	439	1
Gamma Spec Charcoal	59	1	60	0
Gamma Iodine 129	64	0	56	0
SOLID				
Gas Flow Lead 210	569	2	604	2
LIQUID				
Gas Flow Strontium 90	63	0	107	0
MILK				
Gamma Spec Liquid RAD A-013	26	0	213	0
LIQUID				
Gross Alpha Beta (Americium Calibration) Liquid	180	3	424	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	874	0	1305	0
VEGETATION				
Alpha Spec Total Uranium	64	1	32	0
DRINKING WATER				
LSC Radon 222	282	0	282	0
VEGETATION				
Gamma Spec Solid RAD A-013	286	2	244	0
SOLID				
Alpha Spec Polonium Solid	34	0	34	0
VEGETATION				
Gas Flow Lead 210	12	0	12	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gamma Iodine 131 RAD A-013	0	0	192	0
FILTER				
Alpha Spec Radium,Filter/Liter	0	0	45	0
LSC Selenium 79	0	0	50	0
LIQUID				
ICP-MS Technetium-99 Prep in Water	79	0	101	0
FILTER				
Lucas Cell Radium-226	0	0	75	0
LIQUID				
Lucas Cell Radium-226	36	0	56	0
FILTER				
Alphaspec Np Filter per Liter	4	0	55	0
Gross Alpha Beta (Flame, Unflame)	0	0	24	0
MILK				
Alpha Spec Plutonium	1	0	4	0
SOLID				
LSC Phosphorus-32	3	0	6	0
Alpha Spec Polonium Solid	99	3	106	0
LIQUID				
Gas Flow Strontium 90	9	0	9	0
DRINKING WATER				
Gas Flow Lead 210	4	0	4	0
LIQUID				
Pyrolysis Oil Liquid units	0	0	3	0
DRINKING WATER				
Gross Alpha Co-precipitation	0	0	5	0
LIQUID				
Alpha Spec Thorium	1079	3	1638	0
LSC Iron-55	538	0	906	0
DRINKING WATER				
Gross Alpha Non Vol Beta	1274	5	1368	17
SOLID				
Lucas Cell Radium 226	844	20	936	1
TISSUE				
Gamma Spec Solid RAD A-013	366	7	366	0
SOLID				
Gamma Spec Ra226 RAD A-013	546	6	522	0
LIQUID				

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Gas Flow Lead 210	279	1	421	0
SOLID				
Gas Flow Total Strontium	586	6	673	0
DRINKING WATER				
Alpha/Beta (Americium Calibration) Drinking Water	49	0	52	1
SOLID				
Carbon-14	1787	10	2219	5
Gamma Iodine-129	735	0	1087	0
LIQUID				
LSC Selenium 79	342	0	407	0
VEGETATION				
Alpha Spec Am241 Curium	76	0	100	0
SOLID				
Gas Flow Sr 2nd count	105	0	134	1
DRINKING WATER				
LSC Iron-55	87	0	82	0
FILTER				
ICP-MS Uranium-233, 234 in Filter	19	0	72	0
VEGETATION				
Gross Alpha/Beta	66	0	66	0
SOLID				
ICP-MS Uranium-233, 234 Prep in Solid	408	0	444	0
LIQUID				
Tritium in Drinking Water by EPA 906.0	74	0	111	3
DRINKING WATER				
Gamma Iodine-131	86	0	81	0
SOLID				
Gamma Spec Solid RAD A-013 with Iodine	63	6	107	0
LIQUID				
ECLS-R-GA NJ 48 Hr Rapid Gross Alpha	0	0	59	1
DRINKING WATER				
Iodine-131	0	0	67	0
Gas Flow Radium 228	10	0	5	0
VEGETATION				
Tritium	25	0	25	0
TISSUE				
Alpha Spec Thorium	8	0	8	0
FILTER				

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Total Activity in Filter,	15	0	36	0
TISSUE				
Gamma Spec Solid RAD A-013 with Iodine	24	0	30	0
SOLID				
Gamma Spec Liquid RAD A-013	25	0	21	0
FILTER				
Gas Flow Radium 228	6	0	24	0
SOLID				
Gamma Spec Solid RAD A-013 with Ba, La	3	0	3	0
FILTER				
ICP-MS Uranium-234, 235, 236, 238 Prep in Filter	12	0	62	0
LIQUID				
Alpha Spec Polonium	43	0	42	1
VEGETATION				
Alpha Spec Am241 (pCi/Sample)	0	0	9	0
SOLID				
Gross Alpha Beta (F,U)	19	0	19	0
DRINKING WATER				
Carbon-14	0	0	5	0
LIQUID				
ICP-MS Uranium-233, 234 in Liquid	74	0	127	0
ICP-MS Uranium-235, 236, 238 Prep in Liquid	96	0	155	0
ICP-MS Uranium-235, 236, 238 in Liquid	160	0	267	2
Carbon-14	1193	4	1510	2
DRINKING WATER				
Gas Flow Radium 228	681	1	754	6
LIQUID				
Gas Flow Radium 228	3257	26	4041	2
Gas Flow Radium 228	63	0	99	0
DRINKING WATER				
Tritium	164	0	155	0
Gas Flow Strontium 90	261	0	272	18
Lucas Cell Radium-226	614	0	739	1
LIQUID				
Iodine-131	0	0	345	0
SOLID				
LSC Nickel 63	1497	1	1678	6
LIQUID				

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Radium 226 + 228 Sum (Result and TPU only)	89	0	217	0
FILTER				
Gas Flow Ra-228	0	0	79	0
LIQUID				
Gross Alpha Beta (Flame, Unflame)	1458	4	1487	1
VEGETATION				
Gas Flow Sr 2nd count	23	0	26	0
FILTER				
Technetium-99	29	0	897	0
Gas Flow Strontium 90	64	3	485	0
SOLID				
Total Activity,	89	0	96	0
VEGETATION				
Tritium	135	1	140	0
MILK				
Gas Flow Total Strontium	41	0	41	0
SOLID				
LSC, Rapid Strontium 89 and 90	239	3	268	0
LIQUID				
Alpha Spec Polonium	92	0	132	0
Gamma Iodine 131 RAD A-013	3	0	8	0
FILTER				
Gas Flow Lead 210	16	1	55	0
AIR CHARCOAL				
Gamma Iodine-129	100	0	100	0
Gamma Iodine 129	26	0	26	0
FILTER				
ICP-MS Uranium-234, 235, 236, 238 in Filter	24	0	124	0
SOLID				
Gas Flow Strontium 90	15	0	15	0
FILTER				
Filter Prep	9	0	0	0
Gas Flow Total Strontium	13	0	16	0
SOLID				
Gamma Spec Solid RAD A-013 (pCi/Sample)	17	0	17	0
LIQUID				
Gamma Spec Drinking Water RAD A-013	17	0	17	0
AIR CHARCOAL				
Alpha Spec Am241Curium	3	0	3	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
DRINKING WATER				
Alpha Spec Thorium	8	0	8	0
LIQUID				
Alpha Spec Uranium	2843	77	3700	0
LSC Nickel 63	754	3	1135	1
Technetium-99	4005	2	3956	1
Lucas Cell Radium 226	1860	19	2438	0
Gas Flow Total Strontium	652	5	747	0
Gas Flow Total Alpha Radium	73	0	133	0
SOLID				
LSC Plutonium	1486	1	1658	3
MILK				
Gamma Spec Liquid RAD A-013 with Ba, La	100	0	276	0
Gamma Iodine-131	40	0	280	0
FILTER				
Gamma Spec Filter RAD A-013 Direct Count	12	0	35	0
Alpha Spec U	8	1	270	0
Alpha Spec Uranium	327	6	826	0
Carbon-14	25	1	452	1
Gamma Spec Filter RAD A-013	1266	63	1429	0
Carbon-14 Direct Count	0	0	59	0
DRINKING WATER				
Gamma Spec Liquid RAD A-013	35	0	35	0
SOLID				
Tritium	203	0	190	0
VEGETATION				
Alpha Spec Plutonium	18	0	21	0
TISSUE				
Gas Flow Sr 2nd count	37	0	31	0
DRINKING WATER				
Gamma Spec Liquid RAD A-013 with Iodine	0	0	36	0
LIQUID				
Total Activity,	26	0	67	0
MILK				
Gas Flow Strontium 90	25	0	46	0
DRINKING WATER				
Alpha Spec Polonium	9	0	9	0
LIQUID				
LSC Calcium 45	42	0	54	0

Total Radiological 2025	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
FILTER				
Alpha Spec Plutonium	41	1	42	0
ICP-MS Tc-99 in Filter	0	0	11	0
SOLID				
ICP-MS U-234, 235, 236, 238 Prep per sample	9	0	9	0
VEGETATION				
Alpha Spec Uranium	0	0	9	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	8	1	9	0
FILTER				
Gamma I-131, filter	7	0	7	0
VEGETATION				
Gamma Iodine-129	3	0	3	0
AIR CHARCOAL				
Alpha Spec Plutonium	3	0	3	0
DRINKING WATER				
Technetium-99	5	0	5	0
TOTAL	**112259**		**140084**	

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 6.1-5
2025 CORRECTIVE ACTION REPORT SUMMARY

CORRECTIVE ACTION & PE FAILURE

DISPOSITION

Summary of MRAD-42 Drinking Water Study Unacceptable Ratings

Sample ID	Parm	Reported Value	Reference Value	Acceptance Range
MRAD Water	Uranium-234 (by ICP-MS)	114 pCi/L	98.2 pCi/L	74.8-112 pCi/L
MRAD Air Filter	Uranium-234 (by ICP-MS)	44.5 pCi/F	34.2 pCi/F	25.4-40.1 pCi/F
MRAD Water H3	Tritium	6450 pCi/L	9420 pCi/L	7100-11500 pCi/L

Containment Actions, if any:

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 laboratories. The sample preparation and chemical separation processes were reviewed. This included review of reagents and standards used in the sample preparation steps, calibration records, process control samples, and data review.

The investigation determined that the laboratory met all quality control criteria specified in each method.

Root Cause(s):

Uranium-234: The laboratory reviewed the data and noted that the reference values were less than the Lc for the analysis. Both matrices were duplicated during analysis. The duplicates results were within limits and met replication criteria with RER <2. Both samples were run at a 10x dilution due to over range concentration of other isotopes.

Tritium: The laboratory reviewed the data and counting process for this sample and no errors were noted. It was noted that the duplicate meet acceptance criteria in the original preparation. The sample was prepared again in duplicate, and the results were within the acceptance criteria of the PT.

Summary of MAPEP-52 Study Unacceptable Ratings

Sample ID	Parm	Reported Value	Reference Value	Acceptance Range
MAPEP-24-MaW52	Iron-55	35.2 Bq/L	25.5 Bq/L	17.9-33.2 Bq/L
MAPEP-24-MaW52	Copper Lead Nickel Zinc	51.1 mg/L 3.05 mg/L 0.305 mg/L 44.7 mg/L	0.510 mg/L 0.192 mg/L 0.193 mg/L 0.592 mg/L	0.357-0.663 mg/L 0.134-0.250 mg/L 0.135-0.251 mg/L 0.414-0.770
MAPEP-24-MaS52	Cadmium Thallium	0.408 mg/kg -0.926 mg/kg	0.696 mg/kg 1.10 mg/kg	0.0487-0.905 mg/kg 0.77-1.43 mg/kg

Containment Actions, if any:
Following receipt of the Proficiency Testing (PT) report, the Quality Department initiated an investigation and formed a Corrective Action (CARR) team with representatives from the affected laboratories. The team reviewed sample preparation, reagents, calibration records, and conducted analyst interviews.

The findings of the investigation confirmed that the laboratory adhered to all quality control criteria and followed internal procedures and policies as required. These failures were documented and tracked through GEL's internal non-conformance system, ensuring a systematic approach to addressing and resolving issues.

Root Cause(s):

MAPEP-24-MaW52 (Fe-55): During the review of the analysis data, it was noted that the soil results for this study, while within limits, also had a high bias. The laboratory determined that the Fe-59 tracer contained trace amounts of impurities that were having an impact in older standard solutions. As the Fe-59 decays, the cross-talk subtraction does not account for the tracer activity added from the impurity.

MAPEP-24-MaW52 (metals): All instrument and batch QC were within limits at the time of analysis. The laboratory reanalyzed the sample and results were within the acceptance limits of the PT study. The laboratory has concluded that an unidentified error occurred at the time of the original analysis.

MAPEP-24-MaS52 (metals): The laboratory reviewed the analysis data and noted that there were no calibration or instrument QC issues. For cadmium, the assigned value was 0.696 mg/kg. Method 6010 reported an estimated result of 0.408 mg/kg with an MDL of 0.097 and a PQL of 0.489. Method 6020 reported 0.656 mg/kg. The low 6010 result fell below the PQL, triggering an estimated value flag which should have been further scrutinized when compared to the other method. For Thallium, the reference value was 1.10 mg/kg, below the laboratory's PQL of 2 mg/kg which can be challenging to interpret due to the uncertainty of method 6010. The Thallium results by method 6020 were within range and this is the more frequent method of analysis for Thallium.

Summary of ANA1Q25 Study Unacceptable Ratings

Sample ID	Parameter	Reported Value	Reference Value	Acceptance Range
E13890 Milk	Sr-90	9.00 pCi/L	15.6 pCi/L	9.36-19.5 pCi/L

Containment Actions, if any:

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 laboratory. The sample preparation and analytical processes were reviewed. This included review of reagents and standards used in the sample preparation steps, calibration records, process contrd samples, and interviews with the analysts.

The investigation determined that the laboratory met all quality control criteria specified in the method. Additionally, all internal procedures and policies were performed as required. These failures were tracked through GEL's internal non-conformance system.

Root Cause(s):

The laboratory reviewed the data for this analysis and no errors were found. It was noted that the Yttrium carrier recovery was greater than is typically seen for this method which could cause a potential low bias in the results. Due to the Sr-89 result recovering greater than 100% in the acceptance limits, it is also suspected that an undetermined error occurred during the second separation resulting in a low Y-90 recovery. The duplicate sample in the analysis batch exhibited the same low bias but was within the acceptance range.

Summary of RAD-142 Drinking Water Study Unacceptable Ratings

Sample ID	Parameter	Reported Value	Reference Value	Acceptance Range
Strontium 89/90	Sr-90 (905.0 Mod)	26.5 pCI/L	34.3 pCI/L	29.0-39.6 pCI/L
Iodine-131	I-131	22.8 pCI/L	28.3 pCI/L	24.5-32.1 pCI/L

Containment Actions, if any:

Following receipt of the PT report, the Quality Department initiated an investigation and formed a Corrective Action (CARR) team with representatives from the affected laboratories. The team reviewed sample preparation, reagents, calibration records, and conducted analyst interviews.

The findings of the investigation confirmed that the laboratory adhered to all quality control criteria and followed internal procedures and policies as required. These failures were documented and tracked through GEL's internal non-conformance system, ensuring a systematic approach to addressing and resolving issues.

Root Cause(s):

Sr-90: The laboratory conducted a review of the Sr-90 batch in response to the failure. No anomalies were found during the assessment, and all sample yields exceeded 96%, suggesting that sample loss is unlikely. It was noted that the Sr-90 Laboratory Control Sample (LCS) yielded a result of 75%, indicating a low bias in the batch results.

I-131: The laboratory has reviewed the data and found no errors. The sample preparations were reweighed, and it was determined that the originally reported net weight was biased high, resulting in a negatively biased final result. After reweighing the filter, the corrected result fell within the established acceptance limits.

Summary of MRAD-43 Study Unacceptable Ratings

Sample ID	Parameter	Reported Value	Reference Value	Acceptance Range
MRAD GAB filter	Gross Alpha	37.3 pCi/Filter	22.0 pCi/Filter	11.5-36.2 pCi/Filter

Containment Actions, if any:

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 laboratories. The counting process was reviewed for this direct count filter. This included review of instrument run logs, calibration records, process control samples, and data review.

The investigation determined that the laboratory met all quality control criteria.

Root Cause(s):

A recount of the sample batch was performed to verify the initial results. The recount values were approximately two times higher than the original counts and failed to meet RPD and RER acceptance criteria, indicating variability between counts. The recount results were reported. The original analysis demonstrated a recovery of 107%, suggesting that the variability was due to analyst error during the counting process.

CORRECTIVE ACTION & PE FAILURE

Summary of MAPEP-53 Study Unacceptable Ratings

Sample ID	Parameter	Reported Value	Reference Value	Acceptance Range
MAPEP-25-RdF53	Zinc-65	8.84 Bq/sample	1.51 Bq/sample	1.06-1.96 Bq/sample
MAPEP-25-MaS53	Selenium	2.83 mg/kg	1.68 mg/kg	1.18-2.18 mg/kg
MAPEP-25-MaS53	Iron-55 Neptunium-237	1240 Bq/kg 0.465 Bq/kg	518 Bq/kg 18.35 Bq/kg	363-673 Bq/kg 12.85-23.86 Bq/kg

DISPOSITION

Containment Actions, if any:

Following receipt of the PT report, the Quality Department initiated an investigation and formed a Corrective Action (CARR) team with representatives from the affected laboratories. The team reviewed sample preparation, reagents, calibration records, and conducted analyst interviews.

The findings of the investigation confirmed that the laboratory adhered to all quality control criteria and followed internal procedures and policies as required. These failures were documented and tracked through GEL's internal non-conformance system, ensuring a systematic approach to addressing and resolving issues.

Root Cause(s):

MAPEP-25-MaS53 (Fe-55): The data was reviewed and it was noted that the known value is less than the laboratory's standard MDA for this analysis. The sample was recounted due to the result being less than the MDA. The reported count did not meet replication criteria when compared to the initial results.

MAPEP-25-MaS53 (Np-237): The reported result value was in units of pCi/g on the Certificate of Analysis instead of Bq/kg due to a login error. When this value is converted to the appropriate units, the sample recovers at 93% of the known value.

MAPEP-25-MaS53 (Se): All instrument and batch QC were within limits at the time of analysis. The laboratory reanalyzed the sample and results were within the acceptance limits of the PT study. The laboratory has concluded that an unidentified error occurred at the time of the original analysis.

MAPEP-25-RdF53 (Zn-65): Upon investigation, there was a transcription error in determining the average value to be reported. Had the correct value been used, the sample would have recovered at 103%.

CORRECTIVE ACTION & PE FAILURE	DISPOSITION
Summary of RAD-143 Drinking Water Study Unacceptable Ratings **Sample ID** | **Parameter** | **Reported Value** | **Reference Value** | **Acceptance Range** Strontium 89/90 | Sr-90 (905.0 Mod) | 35.7 pCI/L | 43.8 pCI/L | 37.6-50.0 pCI/L	**Containment Actions, if any:** Following receipt of the Proficiency Testing (PT) report, the Quality Department initiated an investigation and formed a Corrective Action (CARR) team with representatives from the affected laboratories. The team reviewed sample preparation, reagents, calibration records, and conducted analyst interviews. The findings of the investigation confirmed that the laboratory adhered to all quality control criteria and followed internal procedures and policies as required. These failures were documented and tracked through GEL's internal non-conformance system, ensuring a systematic approach to addressing and resolving issues.
	Root Cause(s): **Sr-90:** The laboratory conducted a review of the analytical batch in response to the failure. It was noted that the recoveries of the Yttrium carrier were higher than is typically seen in this method, indicating a potential low bias in the batch results.
Summary of ANA4Q25 Study Unacceptable Ratings **Sample ID** | **Parameter** | **Reported Value** | **Reference Value** | **Acceptance Range** E14411 Milk | Sr-89 | 119 pCi/L | 84.9 pCi/L | 50.9-110.3 pCi/L	**Containment Actions, if any:** **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 laboratory. The sample preparation and analytical processes were reviewed. This included review of reagents and standards used in the sample preparation steps, calibration**

CORRECTIVE ACTION & PE FAILURE	DISPOSITION
	records, process control samples, and interviews with the analysts. **The investigation determined that the laboratory met all quality control criteria specified in the method. Additionally, all internal procedures and policies were performed as required. These failures were tracked through GEL's internal non-conformance system.**
	Root Cause(s): The laboratory reviewed the data for the Sr-89 result in milk and attributed the failure to matrix interference associated with the high calcium content typical of milk. Calcium and other matrix constituents can co-precipitate or co-elute with strontium during the radiochemical separation process. Incomplete separation of calcium and other matrix components or performing the separation too rapidly and not allowing sufficient contact time for the ion exchange columns to remove interferences, may have contributed to the observed bias. The laboratory concluded that the high bias was caused by matrix interference from calcium or an unknown constituent combined with incomplete chemical separation during sample preparation.

6.2 Environmental TLD QA

Environmental dosimetry services for the reporting period of January – December 2025 were provided through Stanford Dosimetry, with TLD processing by the Environmental Dosimetry Company (EDC), Sterling, Massachusetts. 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.

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. Dosimetry quality control tests are performed on EDC Panasonic 814 Environmental dosimeters. These tests include: (1) the in-house testing program conducted by the EDC QA Officer; and (2) independent tests perform by EDC clients. In-house tests 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.

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.

Table 6.2-1 provides a summary of individual dosimeter results evaluated against the EDC internal acceptance criteria for high-energy photons (Cs-137) only. The internal acceptance (tolerance) criteria for the Panasonic Environmental dosimeters are: ± 15% for bias and ± 12.8% for precision. 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.

Table 6.2-2 provides the Bias + 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.

Table 6.2-3 presents the independent blind spike results for irradiated dosimeters provided by client utilities during this annual period. All results passed the performance acceptance criterion.

Table 6.2-4 presents the independent blind duplicate results for dosimeters co-located with field dosimeters provided by the client utility (Seabrook Station) during the annual period. All results passed the performance criteria of agreement to within 20% (within 3-sigma) of the field dosimeter.

TABLE 6.2-1

PERCENTAGE OF INDIVIDUAL DOSIMETERS THAT PASSED EDC INTERNAL CRITERIA JANUARY – DECEMBER 2025 [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 6.2-2

MEAN DOSIMETER ANALYSES (N=6)
JANUARY – DECEMBER 2025 (1), (2)

Process Date	Exposure Level	Mean Bias %	Standard Deviation %	Tolerance Limit +/-15%
4/23/2025	35	-2.6	1.5	Pass
4/29/2025	53	1.5	1.2	Pass
5/13/2025	77	2.6	1.9	Pass
7/21/2025	26	0.2	0.8	Pass
7/26/2025	107	-2.1	1.3	Pass
7/28/2025	43	-0.2	1.2	Pass
10/22/2025	38	1.7	1.0	Pass
10/27/2025	88	0.9	2.1	Pass
11/26/2025	119	2.9	1.0	Pass
01/24/2026	65	-0.3	1.3	Pass
01/27/2026	96	-0.3	1.2	Pass
02/22/2026	47	-3.3	2.3	Pass

(1) This table summarizes results of tests conducted by EDC for TLDs issued in 2025.
(2) Environmental dosimeter results are free in air.

TABLE 6.2-3

SUMMARY OF INDEPENDENT DOSIMETER TESTING
JANUARY – DECEMBER 2025 (1), (2)

Issuance Period	Client	Mean Bias %	Standard Deviation %	Pass / Fail
1st Qtr. 2025	Millstone	1.5	1.4	Pass
2nd Qtr.2025	Seabrook	7.3	1.0	Pass
2nd Qtr. 2025	Millstone	2.8	1.1	Pass
3rd Qtr. 2025	SONGS	-4.4	2.4	Pass
3rd Qtr. 2025	Millstone	8.6	3.5	Pass
4th Qtr.2025	Millstone	3.3	3.5	Pass

(1) Performance criterion is +/- 15%.
(2) Blind spike irradiations using Cs-137

TABLE 6.2-4

SUMMARY OF INDEPENDENT BLIND DUPLICATE DOSIMETER TESTING
JANUARY – DECEMBER 2025 [1]

Issuance Period	Client	Number Tested	Mean Bias %	Standard Deviation %	% Passed Precision Criteria
1st Qtr. 2025	Seabrook	12	1.7	2.4	Pass
2nd Qtr.2025	Seabrook	6	3.7	2.7	Pass
3rd Qtr. 2025	Seabrook	12	2.2	2.7	Pass
4th Qtr.2025	Seabrook	6	-3.0	2.6	Pass

[1] Performance criterion is Bias % within +/- 20% for each test dosimeter.

7.0 LAND USE CENSUS

The Offsite Dose Calculation Manual (ODCM Control 9.2.1) requires that a Land Use Census be conducted annually to identify the location of the nearest residence, milk animal and nearest garden of greater than 50 square meters producing broad leaf vegetation in each of the 16 meteorological sectors within five miles of the plant. The 2025 census was completed in accordance with the requirements of the ODCM. In 2025, a global positioning system was used to determine locations in the off-site environs with respect to the center of the site (Unit 1 Containment).

The nearest resident, garden and milk animal locations identified in the 2025 Land Use Census and their distances are shown in Table 7.0-1. There were no changes in the nearest residence locations from last year's land use census. There were four sectors (N, NE, S, and NW) with changes in the nearest garden locations from last year's land use census.

There were no new milk producing locations identified within the required 5 miles (8 km) of the plant that were different from those reported in the last year's land use census. As a result, there still remains an insufficient number of milk producing locations to qualify milk sampling as a REMP media per the requirements of ODCM Table A.9.1-1.

The results of this year's census also showed that the sampling locations used in the REMP continue to have the highest calculated dose commitments of available locations. In 2025, broad leaf vegetation continued as part of the sample collection and analysis program due to the absence of sufficient milk producing locations to provide REMP samples. Sampling locations for broad leaf vegetation are at the site boundary near points of highest predicted D/Q. This option continues, as opposed to public owned vegetable gardens located by the land use census, in order to ensure adequate availability of samples for REMP analysis from locations with the highest potential for detecting plant effluents.

Table 7.0-1

2025 Land Use Census Results
(Within 5 Miles)

Sector	Nearest Residence (km)	Nearest Garden (km)	Nearest Milk Animal (km)
N	2.78	4.52	
NNE	3.05	3.32	
NE	2.94	3.53	
ENE	2.33	2.53	
E	2.56	---	
ESE	2.44	3.12	
SE	2.39	---	
SSE	1.66	6.52	
S	1.21	1.32	
SSW	1.12	1.22	
SW	1.13	1.73	
WSW	1.88	2.61	
W	1.25	1.55	
WNW	1.11	3.08	
NW	1.22	1.20	6.93
NNW	1.04	2.07	5.32[a]

[a] No milking goats at this time.

ATTACHMENT 1: Sample Analysis Data List for 2025

FLAGS

A blank Flag field indicates that the measured activity is considered positive as it is greater than the MDC and has no other qualifiers noted.

U: Target isotope was analyzed for but not detected above the MDC and LLD.
UI: Uncertain identification for gamma spectroscopy.
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
AL	05	726604001	5/28/2025	Ac-228	4.94E+00	2.47E+01	4.38E+01	U
AL	05	726604001	5/28/2025	Ag-108m	2.41E+00	2.17E+00	7.21E+00	U
AL	05	726604001	5/28/2025	Ag-110m	7.64E-02	3.96E+00	1.17E+01	U
AL	05	726604001	5/28/2025	Ba-140	-4.44E-01	1.12E+01	3.65E+01	U
AL	05	726604001	5/28/2025	Be-7	1.45E+02	3.44E+01	6.22E+01	
AL	05	726604001	5/28/2025	Ce-141	-4.96E+00	4.73E+00	1.04E+01	U
AL	05	726604001	5/28/2025	Ce-144	2.33E+00	1.21E+01	4.00E+01	U
AL	05	726604001	5/28/2025	Co-57	-1.24E+00	1.55E+00	4.90E+00	U
AL	05	726604001	5/28/2025	Co-58	-8.25E-01	2.75E+00	9.12E+00	U
AL	05	726604001	5/28/2025	Co-60	-2.17E+00	3.69E+00	1.13E+01	U
AL	05	726604001	5/28/2025	Cr-51	1.70E+01	1.91E+01	6.53E+01	U
AL	05	726604001	5/28/2025	Cs-134	7.46E-01	3.01E+00	1.02E+01	U
AL	05	726604001	5/28/2025	Cs-137	2.37E+00	3.04E+00	9.85E+00	U
AL	05	726604001	5/28/2025	Fe-59	-5.43E+00	7.24E+00	2.25E+01	U
AL	05	726604001	5/28/2025	I-131	0.00E+00	6.38E+00	1.17E+01	U
AL	05	726604001	5/28/2025	K-40	8.73E+03	4.70E+02	7.49E+01	
AL	05	726604001	5/28/2025	La-140	1.08E+00	3.58E+00	1.22E+01	U
AL	05	726604001	5/28/2025	Mn-54	1.72E+00	2.74E+00	9.34E+00	U
AL	05	726604001	5/28/2025	Nb-95	3.42E-01	2.69E+00	9.14E+00	U
AL	05	726604001	5/28/2025	Ru-103	-1.03E+00	2.44E+00	7.82E+00	U
AL	05	726604001	5/28/2025	Ru-106	6.08E+01	3.53E+01	7.39E+01	U
AL	05	726604001	5/28/2025	Sb-124	-8.74E+00	5.62E+00	1.45E+01	U
AL	05	726604001	5/28/2025	Sb-125	2.10E+00	6.12E+00	2.05E+01	U
AL	05	726604001	5/28/2025	Se-75	6.09E+00	3.32E+00	9.97E+00	U
AL	05	726604001	5/28/2025	Th-228	5.60E+00	8.36E+00	1.28E+01	U
AL	05	726604001	5/28/2025	Th-230	1.57E+01	1.08E+01	2.06E+01	U
AL	05	726604001	5/28/2025	Zn-65	-6.89E-01	7.92E+00	2.58E+01	U
AL	05	726604001	5/28/2025	Zr-95	5.81E+00	5.21E+00	1.78E+01	U
AL	05	754678001	11/20/2025	Ac-228	-1.24E+01	2.01E+01	5.46E+01	U
AL	05	754678001	11/20/2025	Ag-108m	-5.87E-01	2.52E+00	7.55E+00	U
AL	05	754678001	11/20/2025	Ag-110m	-8.33E-02	4.04E+00	1.26E+01	U
AL	05	754678001	11/20/2025	Ba-140	3.03E+01	2.22E+01	7.53E+01	U
AL	05	754678001	11/20/2025	Be-7	8.44E+01	6.52E+01	9.48E+01	U
AL	05	754678001	11/20/2025	Ce-141	-5.20E+00	5.20E+00	1.71E+01	U
AL	05	754678001	11/20/2025	Ce-144	-1.80E+00	1.76E+01	6.18E+01	U
AL	05	754678001	11/20/2025	Co-57	3.17E+00	2.75E+00	8.29E+00	U
AL	05	754678001	11/20/2025	Co-58	-4.28E+00	3.75E+00	1.01E+01	U
AL	05	754678001	11/20/2025	Co-60	1.91E+00	3.95E+00	1.37E+01	U
AL	05	754678001	11/20/2025	Cr-51	-2.28E+01	3.29E+01	1.06E+02	U
AL	05	754678001	11/20/2025	Cs-134	4.17E+00	3.78E+00	1.26E+01	U
AL	05	754678001	11/20/2025	Cs-137	2.11E+00	3.60E+00	1.19E+01	U
AL	05	754678001	11/20/2025	Fe-59	-9.73E+00	7.68E+00	2.22E+01	U
AL	05	754678001	11/20/2025	I-131	-1.74E+01	9.75E+00	2.62E+01	U
AL	05	754678001	11/20/2025	K-40	8.55E+03	5.14E+02	7.03E+01	
AL	05	754678001	11/20/2025	La-140	-6.37E+00	6.11E+00	1.60E+01	U
AL	05	754678001	11/20/2025	Mn-54	4.78E+00	3.23E+00	1.09E+01	U
AL	05	754678001	11/20/2025	Nb-95	4.96E+00	4.12E+00	1.37E+01	U
AL	05	754678001	11/20/2025	Ru-103	-2.20E+00	3.74E+00	1.17E+01	U
AL	05	754678001	11/20/2025	Ru-106	2.06E+01	2.83E+01	9.44E+01	U
AL	05	754678001	11/20/2025	Sb-124	3.18E+00	7.61E+00	2.42E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
AL	05	754678001	11/20/2025	Sb-125	3.65E+00	7.98E+00	2.69E+01	U
AL	05	754678001	11/20/2025	Se-75	2.10E+00	3.77E+00	1.30E+01	U
AL	05	754678001	11/20/2025	Th-228	0.00E+00	1.44E+01	2.59E+01	U
AL	05	754678001	11/20/2025	Th-230	0.00E+00	1.91E+01	3.06E+01	U
AL	05	754678001	11/20/2025	Zn-65	2.78E+00	9.37E+00	3.24E+01	U
AL	05	754678001	11/20/2025	Zr-95	8.43E+00	6.95E+00	2.32E+01	U
AL	55	726604002	5/28/2025	Ac-228	1.42E+01	1.62E+01	4.32E+01	U
AL	55	726604002	5/28/2025	Ag-108m	2.69E+00	2.05E+00	6.82E+00	U
AL	55	726604002	5/28/2025	Ag-110m	-1.69E+00	3.84E+00	1.11E+01	U
AL	55	726604002	5/28/2025	Ba-140	7.59E+00	1.09E+01	3.65E+01	U
AL	55	726604002	5/28/2025	Be-7	1.49E+02	3.69E+01	6.39E+01	
AL	55	726604002	5/28/2025	Ce-141	8.16E-01	3.41E+00	1.02E+01	U
AL	55	726604002	5/28/2025	Ce-144	-2.45E+00	1.27E+01	4.07E+01	U
AL	55	726604002	5/28/2025	Co-57	-6.81E-01	1.64E+00	5.24E+00	U
AL	55	726604002	5/28/2025	Co-58	-3.62E-02	2.61E+00	8.30E+00	U
AL	55	726604002	5/28/2025	Co-60	-7.39E+00	3.89E+00	1.01E+01	U
AL	55	726604002	5/28/2025	Cr-51	-8.87E+00	1.80E+01	5.99E+01	U
AL	55	726604002	5/28/2025	Cs-134	6.10E-01	3.93E+00	1.03E+01	U
AL	55	726604002	5/28/2025	Cs-137	2.94E+00	2.65E+00	8.73E+00	U
AL	55	726604002	5/28/2025	Fe-59	-9.10E+00	6.86E+00	2.04E+01	U
AL	55	726604002	5/28/2025	I-131	0.00E+00	6.21E+00	1.12E+01	U
AL	55	726604002	5/28/2025	K-40	8.51E+03	4.35E+02	7.59E+01	
AL	55	726604002	5/28/2025	La-140	2.56E+00	3.08E+00	9.64E+00	U
AL	55	726604002	5/28/2025	Mn-54	4.69E+00	2.92E+00	9.32E+00	U
AL	55	726604002	5/28/2025	Nb-95	1.67E+00	2.64E+00	8.59E+00	U
AL	55	726604002	5/28/2025	Ru-103	2.69E+00	2.38E+00	7.93E+00	U
AL	55	726604002	5/28/2025	Ru-106	2.74E+01	2.24E+01	7.37E+01	U
AL	55	726604002	5/28/2025	Sb-124	1.06E+01	6.54E+00	2.22E+01	U
AL	55	726604002	5/28/2025	Sb-125	-4.93E+00	5.59E+00	1.76E+01	U
AL	55	726604002	5/28/2025	Se-75	8.77E-01	2.63E+00	9.09E+00	U
AL	55	726604002	5/28/2025	Th-228	1.18E+01	9.79E+00	1.82E+01	U
AL	55	726604002	5/28/2025	Th-230	0.00E+00	1.53E+01	1.99E+01	U
AL	55	726604002	5/28/2025	Zn-65	7.39E-01	6.81E+00	2.28E+01	U
AL	55	726604002	5/28/2025	Zr-95	-1.31E+01	5.83E+00	1.38E+01	U
AL	55	754678002	11/20/2025	Ac-228	2.51E+01	3.06E+01	4.71E+01	U
AL	55	754678002	11/20/2025	Ag-108m	1.14E+00	1.83E+00	6.11E+00	U
AL	55	754678002	11/20/2025	Ag-110m	-2.50E+00	3.49E+00	1.12E+01	U
AL	55	754678002	11/20/2025	Ba-140	-1.51E+01	2.53E+01	6.15E+01	U
AL	55	754678002	11/20/2025	Be-7	1.59E+02	5.15E+01	7.89E+01	
AL	55	754678002	11/20/2025	Ce-141	-1.22E+01	6.72E+00	1.44E+01	U
AL	55	754678002	11/20/2025	Ce-144	-6.93E+00	1.36E+01	4.60E+01	U
AL	55	754678002	11/20/2025	Co-57	-1.96E+00	1.92E+00	6.27E+00	U
AL	55	754678002	11/20/2025	Co-58	1.47E+00	2.81E+00	9.88E+00	U
AL	55	754678002	11/20/2025	Co-60	1.26E+00	3.07E+00	1.05E+01	U
AL	55	754678002	11/20/2025	Cr-51	-5.11E+01	2.82E+01	7.63E+01	U
AL	55	754678002	11/20/2025	Cs-134	-1.23E+00	3.56E+00	1.08E+01	U
AL	55	754678002	11/20/2025	Cs-137	0.00E+00	6.99E+00	8.29E+00	U
AL	55	754678002	11/20/2025	Fe-59	-3.95E-01	7.29E+00	2.44E+01	U
AL	55	754678002	11/20/2025	I-131	-7.21E+00	8.25E+00	2.54E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
AL	55	754678002	11/20/2025	K-40	6.09E+03	3.81E+02	8.98E+01	
AL	55	754678002	11/20/2025	La-140	1.75E+00	4.26E+00	1.48E+01	U
AL	55	754678002	11/20/2025	Mn-54	-1.54E+00	2.23E+00	7.20E+00	U
AL	55	754678002	11/20/2025	Nb-95	1.34E+00	2.77E+00	8.93E+00	U
AL	55	754678002	11/20/2025	Ru-103	-9.62E-01	2.84E+00	8.92E+00	U
AL	55	754678002	11/20/2025	Ru-106	-7.99E-01	2.75E+01	7.31E+01	U
AL	55	754678002	11/20/2025	Sb-124	4.38E-01	5.64E+00	1.85E+01	U
AL	55	754678002	11/20/2025	Sb-125	7.08E-01	6.16E+00	2.02E+01	U
AL	55	754678002	11/20/2025	Se-75	8.67E+00	5.79E+00	1.16E+01	U
AL	55	754678002	11/20/2025	Th-228	2.89E+00	8.81E+00	1.85E+01	U
AL	55	754678002	11/20/2025	Th-230	1.74E+01	1.18E+01	2.22E+01	U
AL	55	754678002	11/20/2025	Zn-65	-5.48E+00	7.64E+00	2.43E+01	U
AL	55	754678002	11/20/2025	Zr-95	6.17E-01	5.12E+00	1.61E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	01	705664001	1/21/2025	BETA	3.21E-02	1.25E-03	9.26E-04	
AP	01	707945001	2/5/2025	BETA	2.23E-02	9.94E-04	8.23E-04	
AP	01	710166001	2/19/2025	BETA	2.17E-02	1.03E-03	8.84E-04	
AP	01	713489001	3/5/2025	BETA	1.96E-02	1.01E-03	1.02E-03	
AP	01	715688001	3/19/2025	BETA	1.93E-02	1.03E-03	1.01E-03	
AP	01	717727001	4/2/2025	BETA	1.74E-02	7.39E-04	5.69E-04	
AP	01	722964001	4/2/2025	Ac-228	-6.01E-05	3.98E-04	1.41E-03	U
AP	01	722964001	4/2/2025	Ag-108m	4.01E-05	6.73E-05	2.27E-04	U
AP	01	722964001	4/2/2025	Ag-110m	-1.40E-04	1.42E-04	3.94E-04	U
AP	01	722964001	4/2/2025	Ba-140	1.60E-02	3.26E-02	1.12E-01	U
AP	01	722964001	4/2/2025	Be-7	4.05E-02	5.85E-03	6.38E-03	
AP	01	722964001	4/2/2025	Ce-141	7.80E-04	6.77E-04	2.28E-03	U
AP	01	722964001	4/2/2025	Ce-144	4.16E-04	5.07E-04	1.72E-03	U
AP	01	722964001	4/2/2025	Co-57	2.05E-05	6.21E-05	2.09E-04	U
AP	01	722964001	4/2/2025	Co-58	-1.32E-05	1.26E-04	4.12E-04	U
AP	01	722964001	4/2/2025	Co-60	1.15E-05	1.12E-04	3.71E-04	U
AP	01	722964001	4/2/2025	Cr-51	0.00E+00	5.42E-03	1.32E-02	U
AP	01	722964001	4/2/2025	Cs-134	-4.99E-05	9.40E-05	2.90E-04	U
AP	01	722964001	4/2/2025	Cs-137	-3.25E-05	7.59E-05	2.40E-04	U
AP	01	722964001	4/2/2025	Fe-59	-6.38E-04	5.86E-04	1.47E-03	U
AP	01	722964001	4/2/2025	I-131	-8.99E-02	1.41E-01	0.00E+00	U
AP	01	722964001	4/2/2025	K-40	2.60E-03	1.40E-03	5.62E-03	U
AP	01	722964001	4/2/2025	La-140	-2.95E-02	1.55E-02	1.81E-02	U
AP	01	722964001	4/2/2025	Mn-54	9.45E-06	1.02E-04	3.44E-04	U
AP	01	722964001	4/2/2025	Nb-95	1.97E-04	2.43E-04	8.59E-04	U
AP	01	722964001	4/2/2025	Ru-103	-8.53E-05	3.75E-04	1.13E-03	U
AP	01	722964001	4/2/2025	Ru-106	-5.40E-04	7.69E-04	2.35E-03	U
AP	01	722964001	4/2/2025	Sb-124	-6.96E-05	6.79E-04	2.16E-03	U
AP	01	722964001	4/2/2025	Sb-125	-6.62E-05	2.19E-04	6.82E-04	U
AP	01	722964001	4/2/2025	Se-75	7.86E-05	1.74E-04	5.15E-04	U
AP	01	722964001	4/2/2025	Th-228	-1.55E-04	1.76E-04	4.85E-04	U
AP	01	722964001	4/2/2025	Zn-65	1.41E-04	2.45E-04	8.65E-04	U
AP	01	722964001	4/2/2025	Zr-95	-4.36E-05	3.52E-04	1.16E-03	U
AP	01	720293001	4/16/2025	BETA	1.75E-02	7.50E-04	5.80E-04	
AP	01	722581001	4/30/2025	BETA	1.29E-02	6.38E-04	5.84E-04	
AP	01	724927001	5/14/2025	BETA	1.36E-02	6.60E-04	6.06E-04	
AP	01	727301001	5/29/2025	BETA	7.92E-03	4.88E-04	5.52E-04	M
AP	01	728820001	6/11/2025	BETA	1.57E-02	7.30E-04	6.08E-04	
AP	01	730958001	6/25/2025	BETA	1.77E-02	7.52E-04	5.77E-04	
AP	01	732991001	7/9/2025	BETA	1.53E-02	6.82E-04	5.33E-04	
AP	01	737734001	7/9/2025	Ac-228	5.55E-04	2.71E-04	5.91E-04	U
AP	01	737734001	7/9/2025	Ag-108m	-4.54E-05	2.75E-05	7.32E-05	U
AP	01	737734001	7/9/2025	Ag-110m	5.33E-05	6.27E-05	2.20E-04	U
AP	01	737734001	7/9/2025	Ba-140	7.43E-03	1.35E-02	4.58E-02	U
AP	01	737734001	7/9/2025	Be-7	4.91E-02	3.65E-03	2.45E-03	
AP	01	737734001	7/9/2025	Ce-141	-3.08E-04	2.11E-04	5.72E-04	U
AP	01	737734001	7/9/2025	Ce-144	6.90E-05	1.22E-04	4.00E-04	U
AP	01	737734001	7/9/2025	Co-57	-1.22E-05	1.59E-05	4.77E-05	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	01	737734001	7/9/2025	Co-58	-1.62E-04	7.21E-05	1.40E-04	U
AP	01	737734001	7/9/2025	Co-60	2.67E-06	4.32E-05	1.41E-04	U
AP	01	737734001	7/9/2025	Cr-51	-3.48E-04	1.83E-03	6.07E-03	U
AP	01	737734001	7/9/2025	Cs-134	9.20E-06	3.50E-05	1.21E-04	U
AP	01	737734001	7/9/2025	Cs-137	-1.17E-05	2.89E-05	8.80E-05	U
AP	01	737734001	7/9/2025	Fe-59	5.14E-05	2.24E-04	7.60E-04	U
AP	01	737734001	7/9/2025	I-131	-1.17E-01	7.99E-02	0.00E+00	U
AP	01	737734001	7/9/2025	K-40	-6.51E-06	4.46E-04	1.64E-03	U
AP	01	737734001	7/9/2025	La-140	2.21E-03	6.15E-03	2.17E-02	U
AP	01	737734001	7/9/2025	Mn-54	4.57E-05	3.24E-05	1.18E-04	U
AP	01	737734001	7/9/2025	Nb-95	2.29E-05	6.99E-05	2.44E-04	U
AP	01	737734001	7/9/2025	Ru-103	1.71E-04	9.72E-05	3.32E-04	U
AP	01	737734001	7/9/2025	Ru-106	2.82E-04	3.40E-04	1.15E-03	U
AP	01	737734001	7/9/2025	Sb-124	1.54E-04	1.94E-04	7.22E-04	U
AP	01	737734001	7/9/2025	Sb-125	-5.69E-05	6.87E-05	2.07E-04	U
AP	01	737734001	7/9/2025	Se-75	5.05E-05	5.01E-05	1.74E-04	U
AP	01	737734001	7/9/2025	Th-228	0.00E+00	7.29E-05	1.39E-04	U
AP	01	737734001	7/9/2025	Zn-65	2.09E-04	9.07E-05	3.30E-04	U
AP	01	737734001	7/9/2025	Zr-95	1.41E-04	1.19E-04	4.05E-04	U
AP	01	735406001	7/23/2025	BETA	1.24E-02	6.29E-04	5.58E-04	
AP	01	737529001	8/6/2025	BETA	2.13E-02	8.33E-04	5.84E-04	
AP	01	739725001	8/20/2025	BETA	1.59E-02	7.26E-04	5.96E-04	
AP	01	741547001	9/3/2025	BETA	1.86E-02	7.79E-04	5.83E-04	
AP	01	743650001	9/17/2025	BETA	1.80E-02	7.86E-04	6.08E-04	
AP	01	745971001	9/30/2025	BETA	2.88E-02	9.92E-04	6.11E-04	
AP	01	750759001	9/30/2025	Ac-228	4.17E-05	6.85E-04	9.35E-04	U
AP	01	750759001	9/30/2025	Ag-108m	5.58E-06	5.97E-05	1.95E-04	U
AP	01	750759001	9/30/2025	Ag-110m	-1.39E-05	1.13E-04	3.80E-04	U
AP	01	750759001	9/30/2025	Ba-140	3.87E-03	2.37E-03	8.15E-03	U
AP	01	750759001	9/30/2025	Be-7	5.90E-02	4.69E-03	3.02E-03	
AP	01	750759001	9/30/2025	Ce-141	-5.39E-04	2.13E-04	5.15E-04	U
AP	01	750759001	9/30/2025	Ce-144	-2.99E-04	2.77E-04	8.82E-04	U
AP	01	750759001	9/30/2025	Co-57	1.64E-05	3.94E-05	1.40E-04	U
AP	01	750759001	9/30/2025	Co-58	-9.21E-06	8.42E-05	2.84E-04	U
AP	01	750759001	9/30/2025	Co-60	-2.27E-06	1.03E-04	3.36E-04	U
AP	01	750759001	9/30/2025	Cr-51	-1.58E-04	1.29E-03	4.24E-03	U
AP	01	750759001	9/30/2025	Cs-134	2.33E-04	1.64E-04	3.20E-04	U
AP	01	750759001	9/30/2025	Cs-137	-1.12E-04	9.56E-05	2.52E-04	U
AP	01	750759001	9/30/2025	Fe-59	1.44E-04	2.04E-04	6.97E-04	U
AP	01	750759001	9/30/2025	I-131	5.16E-04	1.95E-03	6.54E-03	U
AP	01	750759001	9/30/2025	K-40	-1.69E-03	1.40E-03	4.60E-03	U
AP	01	750759001	9/30/2025	La-140	4.58E-04	3.85E-04	1.72E-03	U
AP	01	750759001	9/30/2025	Mn-54	-5.38E-05	9.12E-05	2.58E-04	U
AP	01	750759001	9/30/2025	Nb-95	-9.50E-05	1.13E-04	3.55E-04	U
AP	01	750759001	9/30/2025	Ru-103	6.73E-05	1.18E-04	3.94E-04	U
AP	01	750759001	9/30/2025	Ru-106	-3.99E-04	6.43E-04	1.87E-03	U
AP	01	750759001	9/30/2025	Sb-124	-1.82E-05	3.19E-04	1.03E-03	U
AP	01	750759001	9/30/2025	Sb-125	-3.32E-04	1.95E-04	4.93E-04	U
AP	01	750759001	9/30/2025	Se-75	-4.97E-05	9.50E-05	2.77E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	01	750759001	9/30/2025	Th-228	1.54E-04	2.12E-04	3.19E-04	U
AP	01	750759001	9/30/2025	Zn-65	2.44E-04	1.85E-04	6.43E-04	U
AP	01	750759001	9/30/2025	Zr-95	1.18E-04	1.97E-04	7.02E-04	U
AP	01	748366001	10/15/2025	BETA	1.16E-02	5.95E-04	5.06E-04	
AP	01	750441001	10/29/2025	BETA	1.34E-02	6.50E-04	5.36E-04	
AP	01	752863001	11/12/2025	BETA	1.40E-02	6.71E-04	5.59E-04	
AP	01	754692001	11/25/2025	BETA	2.02E-02	8.36E-04	5.84E-04	
AP	01	756706001	12/9/2025	BETA	1.67E-02	7.15E-04	5.55E-04	
AP	01	758036001	12/23/2025	BETA	2.29E-02	8.43E-04	5.66E-04	
AP	01	759458001	1/7/2026	BETA	1.01E-02	5.70E-04	5.54E-04	
AP	01	764523001	1/7/2026	Ac-228	6.42E-04	6.48E-04	1.42E-03	U
AP	01	764523001	1/7/2026	Ag-108m	8.08E-05	4.89E-05	1.72E-04	U
AP	01	764523001	1/7/2026	Ag-110m	-6.82E-05	1.08E-04	3.21E-04	U
AP	01	764523001	1/7/2026	Ba-140	3.71E-02	3.71E-02	1.29E-01	U
AP	01	764523001	1/7/2026	Be-7	5.17E-02	5.74E-03	3.82E-03	
AP	01	764523001	1/7/2026	Ce-141	-3.79E-04	5.26E-04	1.63E-03	U
AP	01	764523001	1/7/2026	Ce-144	1.23E-04	3.10E-04	1.08E-03	U
AP	01	764523001	1/7/2026	Co-57	3.80E-06	3.81E-05	1.31E-04	U
AP	01	764523001	1/7/2026	Co-58	1.97E-05	1.19E-04	4.08E-04	U
AP	01	764523001	1/7/2026	Co-60	-2.66E-06	4.13E-05	1.30E-04	U
AP	01	764523001	1/7/2026	Cr-51	1.97E-03	3.49E-03	1.20E-02	U
AP	01	764523001	1/7/2026	Cs-134	9.01E-05	6.74E-05	2.56E-04	U
AP	01	764523001	1/7/2026	Cs-137	1.11E-04	6.67E-05	2.47E-04	U
AP	01	764523001	1/7/2026	Fe-59	2.54E-04	5.71E-04	1.99E-03	U
AP	01	764523001	1/7/2026	I-131	0.00E+00	2.30E-01	0.00E+00	UI
AP	01	764523001	1/7/2026	K-40	3.50E-04	1.08E-03	4.37E-03	U
AP	01	764523001	1/7/2026	La-140	2.56E-03	1.59E-02	5.23E-02	U
AP	01	764523001	1/7/2026	Mn-54	0.00E+00	6.72E-05	1.64E-04	U
AP	01	764523001	1/7/2026	Nb-95	1.79E-04	1.54E-04	5.76E-04	U
AP	01	764523001	1/7/2026	Ru-103	1.54E-04	2.53E-04	8.54E-04	U
AP	01	764523001	1/7/2026	Ru-106	-4.94E-04	5.52E-04	1.63E-03	U
AP	01	764523001	1/7/2026	Sb-124	2.58E-04	4.58E-04	1.71E-03	U
AP	01	764523001	1/7/2026	Sb-125	1.71E-04	1.73E-04	5.92E-04	U
AP	01	764523001	1/7/2026	Se-75	1.16E-05	1.12E-04	3.43E-04	U
AP	01	764523001	1/7/2026	Th-228	2.06E-04	1.23E-04	3.99E-04	U
AP	01	764523001	1/7/2026	Zn-65	-8.35E-05	1.52E-04	3.57E-04	U
AP	01	764523001	1/7/2026	Zr-95	4.95E-05	2.23E-04	7.78E-04	U
AP	02	705664002	1/21/2025	BETA	2.82E-02	1.21E-03	9.48E-04	
AP	02	707945002	2/5/2025	BETA	2.07E-02	9.96E-04	8.77E-04	
AP	02	710166002	2/19/2025	BETA	3.20E-02	1.28E-03	9.84E-04	
AP	02	713489002	3/5/2025	BETA	2.23E-02	1.08E-03	9.50E-04	
AP	02	715688002	3/19/2025	BETA	2.53E-02	1.17E-03	1.06E-03	
AP	02	717727002	4/2/2025	BETA	3.04E-02	1.29E-03	1.03E-03	
AP	02	722964002	4/2/2025	Ac-228	-4.77E-04	6.65E-04	2.12E-03	U
AP	02	722964002	4/2/2025	Ag-108m	5.98E-05	1.24E-04	4.15E-04	U
AP	02	722964002	4/2/2025	Ag-110m	8.90E-05	2.30E-04	8.08E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	02	722964002	4/2/2025	Ba-140	-3.34E-02	6.39E-02	1.87E-01	U
AP	02	722964002	4/2/2025	Be-7	7.52E-02	1.02E-02	5.15E-03	
AP	02	722964002	4/2/2025	Ce-141	-5.96E-05	9.54E-04	3.19E-03	U
AP	02	722964002	4/2/2025	Ce-144	-3.93E-04	6.94E-04	2.23E-03	U
AP	02	722964002	4/2/2025	Co-57	2.04E-05	8.64E-05	2.95E-04	U
AP	02	722964002	4/2/2025	Co-58	6.01E-04	3.38E-04	1.29E-03	U
AP	02	722964002	4/2/2025	Co-60	3.58E-05	2.55E-04	8.77E-04	U
AP	02	722964002	4/2/2025	Cr-51	1.46E-03	8.90E-03	2.94E-02	U
AP	02	722964002	4/2/2025	Cs-134	-1.30E-04	2.02E-04	6.14E-04	U
AP	02	722964002	4/2/2025	Cs-137	-7.49E-05	1.54E-04	4.87E-04	U
AP	02	722964002	4/2/2025	Fe-59	-4.06E-04	1.03E-03	3.10E-03	U
AP	02	722964002	4/2/2025	I-131	0.00E+00	3.00E-01	0.00E+00	UI
AP	02	722964002	4/2/2025	K-40	-9.64E-04	2.67E-03	9.02E-03	U
AP	02	722964002	4/2/2025	La-140	-1.16E-02	2.48E-02	7.00E-02	U
AP	02	722964002	4/2/2025	Mn-54	4.92E-04	2.43E-04	8.31E-04	U
AP	02	722964002	4/2/2025	Nb-95	5.95E-05	4.34E-04	1.48E-03	U
AP	02	722964002	4/2/2025	Ru-103	-5.32E-04	6.78E-04	1.92E-03	U
AP	02	722964002	4/2/2025	Ru-106	2.03E-04	1.11E-03	3.86E-03	U
AP	02	722964002	4/2/2025	Sb-124	5.94E-04	1.19E-03	4.33E-03	U
AP	02	722964002	4/2/2025	Sb-125	-2.63E-04	3.49E-04	9.92E-04	U
AP	02	722964002	4/2/2025	Se-75	4.14E-04	2.71E-04	9.30E-04	U
AP	02	722964002	4/2/2025	Th-228	0.00E+00	5.11E-04	1.06E-03	U
AP	02	722964002	4/2/2025	Zn-65	-2.89E-04	3.53E-04	9.20E-04	U
AP	02	722964002	4/2/2025	Zr-95	3.52E-04	7.00E-04	2.47E-03	U
AP	02	720293002	4/16/2025	BETA	3.84E-02	1.59E-03	1.15E-03	
AP	02	722581002	4/30/2025	BETA	1.63E-02	7.51E-04	6.76E-04	
AP	02	724927002	5/14/2025	BETA	1.54E-02	7.14E-04	5.74E-04	
AP	02	727301002	5/29/2025	BETA	9.67E-03	5.62E-04	5.43E-04	M
AP	02	728820002	6/11/2025	BETA	1.55E-02	7.85E-04	7.08E-04	
AP	02	730958002	6/25/2025	BETA	1.73E-02	7.90E-04	6.18E-04	
AP	02	732991002	7/9/2025	BETA	1.79E-02	7.98E-04	6.04E-04	
AP	02	737734002	7/9/2025	Ac-228	4.32E-04	3.89E-04	5.61E-04	U
AP	02	737734002	7/9/2025	Ag-108m	1.76E-05	3.11E-05	1.06E-04	U
AP	02	737734002	7/9/2025	Ag-110m	7.97E-05	7.11E-05	2.54E-04	U
AP	02	737734002	7/9/2025	Ba-140	1.49E-02	1.80E-02	6.18E-02	U
AP	02	737734002	7/9/2025	Be-7	5.73E-02	4.49E-03	3.38E-03	
AP	02	737734002	7/9/2025	Ce-141	1.86E-05	2.48E-04	7.62E-04	U
AP	02	737734002	7/9/2025	Ce-144	2.95E-04	1.99E-04	5.23E-04	U
AP	02	737734002	7/9/2025	Co-57	3.60E-05	2.27E-05	7.72E-05	U
AP	02	737734002	7/9/2025	Co-58	-1.69E-05	8.03E-05	2.62E-04	U
AP	02	737734002	7/9/2025	Co-60	3.75E-05	5.35E-05	1.92E-04	U
AP	02	737734002	7/9/2025	Cr-51	3.86E-04	2.68E-03	9.20E-03	U
AP	02	737734002	7/9/2025	Cs-134	-4.61E-05	3.66E-05	9.54E-05	U
AP	02	737734002	7/9/2025	Cs-137	4.82E-05	4.00E-05	1.11E-04	U
AP	02	737734002	7/9/2025	Fe-59	3.50E-04	2.81E-04	1.04E-03	U
AP	02	737734002	7/9/2025	I-131	-1.02E-02	9.32E-02	0.00E+00	U
AP	02	737734002	7/9/2025	K-40	4.12E-05	6.66E-04	2.33E-03	U
AP	02	737734002	7/9/2025	La-140	5.41E-04	8.07E-03	2.69E-02	U
AP	02	737734002	7/9/2025	Mn-54	-3.52E-05	5.06E-05	1.55E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	02	737734002	7/9/2025	Nb-95	3.82E-05	1.06E-04	3.68E-04	U
AP	02	737734002	7/9/2025	Ru-103	-6.43E-05	1.60E-04	5.04E-04	U
AP	02	737734002	7/9/2025	Ru-106	-2.12E-06	3.91E-04	1.25E-03	U
AP	02	737734002	7/9/2025	Sb-124	-1.38E-05	3.69E-04	1.20E-03	U
AP	02	737734002	7/9/2025	Sb-125	-2.83E-05	7.68E-05	2.45E-04	U
AP	02	737734002	7/9/2025	Se-75	-1.75E-05	7.65E-05	2.15E-04	U
AP	02	737734002	7/9/2025	Th-228	2.51E-04	1.15E-04	2.56E-04	U
AP	02	737734002	7/9/2025	Zn-65	1.73E-04	1.30E-04	4.64E-04	U
AP	02	737734002	7/9/2025	Zr-95	6.02E-05	1.66E-04	5.76E-04	U
AP	02	735406002	7/23/2025	BETA	1.48E-02	7.37E-04	6.33E-04	
AP	02	737529002	8/6/2025	BETA	2.20E-02	8.98E-04	6.59E-04	
AP	02	739725002	8/20/2025	BETA	1.54E-02	7.77E-04	6.87E-04	
AP	02	741547002	9/3/2025	BETA	1.96E-02	8.75E-04	6.63E-04	
AP	02	743650002	9/17/2025	BETA	2.15E-02	9.25E-04	6.76E-04	
AP	02	745971002	9/30/2025	BETA	2.47E-02	1.01E-03	7.46E-04	
AP	02	750759002	9/30/2025	Ac-228	-3.47E-04	3.59E-04	1.11E-03	U
AP	02	750759002	9/30/2025	Ag-108m	1.44E-05	4.35E-05	1.46E-04	U
AP	02	750759002	9/30/2025	Ag-110m	-1.22E-04	8.90E-05	2.31E-04	U
AP	02	750759002	9/30/2025	Ba-140	1.33E-03	1.69E-03	5.84E-03	U
AP	02	750759002	9/30/2025	Be-7	5.39E-02	4.23E-03	2.46E-03	
AP	02	750759002	9/30/2025	Ce-141	-3.75E-05	1.66E-04	5.67E-04	U
AP	02	750759002	9/30/2025	Ce-144	-4.36E-04	2.79E-04	8.15E-04	U
AP	02	750759002	9/30/2025	Co-57	-2.44E-05	3.57E-05	1.18E-04	U
AP	02	750759002	9/30/2025	Co-58	-1.41E-04	9.32E-05	2.44E-04	U
AP	02	750759002	9/30/2025	Co-60	-9.68E-05	7.72E-05	1.86E-04	U
AP	02	750759002	9/30/2025	Cr-51	9.14E-04	1.15E-03	3.98E-03	U
AP	02	750759002	9/30/2025	Cs-134	9.34E-06	8.10E-05	2.81E-04	U
AP	02	750759002	9/30/2025	Cs-137	-1.79E-04	9.82E-05	1.85E-04	U
AP	02	750759002	9/30/2025	Fe-59	-2.44E-07	2.18E-04	7.31E-04	U
AP	02	750759002	9/30/2025	I-131	5.06E-04	2.18E-03	7.28E-03	U
AP	02	750759002	9/30/2025	K-40	0.00E+00	1.51E-03	1.94E-03	U
AP	02	750759002	9/30/2025	La-140	2.77E-05	8.64E-04	2.83E-03	U
AP	02	750759002	9/30/2025	Mn-54	-1.68E-05	6.39E-05	2.12E-04	U
AP	02	750759002	9/30/2025	Nb-95	-2.82E-04	1.31E-04	2.56E-04	U
AP	02	750759002	9/30/2025	Ru-103	-3.17E-05	1.36E-04	4.29E-04	U
AP	02	750759002	9/30/2025	Ru-106	-1.27E-04	7.55E-04	2.35E-03	U
AP	02	750759002	9/30/2025	Sb-124	-5.25E-04	2.98E-04	4.51E-04	U
AP	02	750759002	9/30/2025	Sb-125	1.46E-04	1.71E-04	5.83E-04	U
AP	02	750759002	9/30/2025	Se-75	5.92E-05	8.38E-05	2.89E-04	U
AP	02	750759002	9/30/2025	Th-228	0.00E+00	2.33E-04	4.95E-04	U
AP	02	750759002	9/30/2025	Zn-65	-1.69E-05	1.63E-04	5.41E-04	U
AP	02	750759002	9/30/2025	Zr-95	2.66E-05	2.03E-04	6.40E-04	U
AP	02	748366002	10/15/2025	BETA	1.50E-02	7.52E-04	6.40E-04	
AP	02	750441002	10/29/2025	BETA	1.57E-02	8.15E-04	7.31E-04	
AP	02	752863002	11/12/2025	BETA	1.68E-02	8.39E-04	6.77E-04	
AP	02	754692002	11/25/2025	BETA	2.22E-02	9.89E-04	8.03E-04	
AP	02	756706002	12/9/2025	BETA	1.77E-02	8.64E-04	7.05E-04	
AP	02	758036002	12/23/2025	BETA	2.30E-02	9.86E-04	6.74E-04	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	02	759458002	1/7/2026	BETA	6.65E-03	5.47E-04	6.65E-04	
AP	02	764523002	1/7/2026	Ac-228	1.35E-04	4.39E-04	1.03E-03	U
AP	02	764523002	1/7/2026	Ag-108m	-3.67E-05	4.66E-05	1.39E-04	U
AP	02	764523002	1/7/2026	Ag-110m	-1.09E-04	9.63E-05	2.76E-04	U
AP	02	764523002	1/7/2026	Ba-140	-5.35E-02	3.60E-02	8.31E-02	U
AP	02	764523002	1/7/2026	Be-7	4.57E-02	4.89E-03	5.02E-03	
AP	02	764523002	1/7/2026	Ce-141	2.32E-04	3.90E-04	1.37E-03	U
AP	02	764523002	1/7/2026	Ce-144	-4.84E-05	2.43E-04	8.31E-04	U
AP	02	764523002	1/7/2026	Co-57	-8.72E-06	3.27E-05	1.12E-04	U
AP	02	764523002	1/7/2026	Co-58	-3.38E-05	1.17E-04	3.89E-04	U
AP	02	764523002	1/7/2026	Co-60	-3.78E-05	4.78E-05	1.27E-04	U
AP	02	764523002	1/7/2026	Cr-51	0.00E+00	4.11E-03	1.15E-02	U
AP	02	764523002	1/7/2026	Cs-134	-2.89E-05	5.71E-05	1.84E-04	U
AP	02	764523002	1/7/2026	Cs-137	-1.26E-05	5.63E-05	1.72E-04	U
AP	02	764523002	1/7/2026	Fe-59	1.08E-04	3.57E-04	1.25E-03	U
AP	02	764523002	1/7/2026	I-131	0.00E+00	2.01E-01	0.00E+00	UI
AP	02	764523002	1/7/2026	K-40	3.16E-05	9.23E-04	3.25E-03	U
AP	02	764523002	1/7/2026	La-140	0.00E+00	0.00E+00	5.53E-02	U
AP	02	764523002	1/7/2026	Mn-54	-9.65E-06	6.61E-05	2.23E-04	U
AP	02	764523002	1/7/2026	Nb-95	6.75E-05	1.43E-04	4.69E-04	U
AP	02	764523002	1/7/2026	Ru-103	-1.73E-04	1.93E-04	5.33E-04	U
AP	02	764523002	1/7/2026	Ru-106	-6.95E-06	4.34E-04	1.37E-03	U
AP	02	764523002	1/7/2026	Sb-124	7.31E-04	3.69E-04	1.52E-03	U
AP	02	764523002	1/7/2026	Sb-125	6.16E-05	1.27E-04	4.29E-04	U
AP	02	764523002	1/7/2026	Se-75	-6.82E-05	8.11E-05	2.49E-04	U
AP	02	764523002	1/7/2026	Th-228	0.00E+00	2.54E-04	4.04E-04	U
AP	02	764523002	1/7/2026	Zn-65	1.83E-04	1.93E-04	6.44E-04	U
AP	02	764523002	1/7/2026	Zr-95	-7.62E-06	2.42E-04	7.51E-04	U
AP	03	705664003	1/21/2025	BETA	3.34E-02	1.30E-03	9.52E-04	
AP	03	707945003	2/5/2025	BETA	1.90E-02	9.39E-04	8.64E-04	
AP	03	710166003	2/19/2025	BETA	2.68E-02	1.09E-03	8.10E-04	
AP	03	713489003	3/5/2025	BETA	2.83E-02	1.14E-03	9.14E-04	
AP	03	715688003	3/19/2025	BETA	1.39E-02	5.82E-04	4.49E-04	
AP	03	717727003	4/2/2025	BETA	2.52E-02	1.07E-03	8.11E-04	
AP	03	722964003	4/2/2025	Ac-228	5.54E-04	3.81E-04	1.45E-03	U
AP	03	722964003	4/2/2025	Ag-108m	-1.75E-05	6.38E-05	1.99E-04	U
AP	03	722964003	4/2/2025	Ag-110m	-1.60E-04	1.25E-04	3.15E-04	U
AP	03	722964003	4/2/2025	Ba-140	3.54E-02	2.73E-02	9.99E-02	U
AP	03	722964003	4/2/2025	Be-7	5.04E-02	5.53E-03	4.49E-03	
AP	03	722964003	4/2/2025	Ce-141	3.26E-04	5.58E-04	1.88E-03	U
AP	03	722964003	4/2/2025	Ce-144	5.42E-04	4.31E-04	1.46E-03	U
AP	03	722964003	4/2/2025	Co-57	-2.54E-05	5.47E-05	1.75E-04	U
AP	03	722964003	4/2/2025	Co-58	-1.63E-04	1.94E-04	5.75E-04	U
AP	03	722964003	4/2/2025	Co-60	-7.20E-05	9.85E-05	2.77E-04	U
AP	03	722964003	4/2/2025	Cr-51	-5.07E-03	4.84E-03	1.38E-02	U
AP	03	722964003	4/2/2025	Cs-134	9.47E-05	9.35E-05	3.37E-04	U
AP	03	722964003	4/2/2025	Cs-137	1.26E-04	7.77E-05	2.83E-04	U
AP	03	722964003	4/2/2025	Fe-59	-5.16E-04	6.34E-04	1.80E-03	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	03	722964003	4/2/2025	I-131	-1.69E-01	1.34E-01	0.00E+00	U
AP	03	722964003	4/2/2025	K-40	2.33E-03	1.13E-03	2.47E-03	U
AP	03	722964003	4/2/2025	La-140	4.79E-03	1.08E-02	3.82E-02	U
AP	03	722964003	4/2/2025	Mn-54	-7.78E-05	9.29E-05	2.72E-04	U
AP	03	722964003	4/2/2025	Nb-95	1.98E-04	1.97E-04	7.05E-04	U
AP	03	722964003	4/2/2025	Ru-103	1.44E-04	2.99E-04	9.99E-04	U
AP	03	722964003	4/2/2025	Ru-106	6.94E-04	8.22E-04	2.91E-03	U
AP	03	722964003	4/2/2025	Sb-124	2.28E-04	4.92E-04	1.74E-03	U
AP	03	722964003	4/2/2025	Sb-125	1.55E-04	1.90E-04	6.49E-04	U
AP	03	722964003	4/2/2025	Se-75	6.30E-06	1.40E-04	4.59E-04	U
AP	03	722964003	4/2/2025	Th-228	2.42E-04	1.78E-04	4.64E-04	U
AP	03	722964003	4/2/2025	Zn-65	1.25E-04	2.01E-04	7.16E-04	U
AP	03	722964003	4/2/2025	Zr-95	-1.58E-04	3.21E-04	1.00E-03	U
AP	03	720293003	4/16/2025	BETA	2.71E-02	1.09E-03	7.46E-04	
AP	03	722581003	4/30/2025	BETA	2.92E-02	1.16E-03	8.42E-04	
AP	03	724927003	5/14/2025	BETA	2.14E-02	1.04E-03	9.40E-04	
AP	03	727301003	5/29/2025	BETA	1.61E-02	8.51E-04	8.22E-04	
AP	03	728820003	6/11/2025	BETA	2.68E-02	1.18E-03	8.73E-04	
AP	03	730958003	6/25/2025	BETA	2.82E-02	1.11E-03	7.73E-04	
AP	03	732991003	7/9/2025	BETA	2.36E-02	1.03E-03	7.96E-04	
AP	03	737734003	7/9/2025	Ac-228	5.56E-04	4.79E-04	1.55E-03	U
AP	03	737734003	7/9/2025	Ag-108m	-7.96E-05	6.20E-05	1.78E-04	U
AP	03	737734003	7/9/2025	Ag-110m	-1.07E-04	1.65E-04	5.00E-04	U
AP	03	737734003	7/9/2025	Ba-140	-2.94E-04	4.37E-02	1.47E-01	U
AP	03	737734003	7/9/2025	Be-7	9.00E-02	1.07E-02	6.41E-03	
AP	03	737734003	7/9/2025	Ce-141	3.26E-04	6.18E-04	1.86E-03	U
AP	03	737734003	7/9/2025	Ce-144	1.16E-04	4.55E-04	1.51E-03	U
AP	03	737734003	7/9/2025	Co-57	-3.69E-05	5.72E-05	1.81E-04	U
AP	03	737734003	7/9/2025	Co-58	-1.88E-04	2.49E-04	6.30E-04	U
AP	03	737734003	7/9/2025	Co-60	1.61E-04	1.63E-04	5.39E-04	U
AP	03	737734003	7/9/2025	Cr-51	2.44E-03	6.48E-03	2.11E-02	U
AP	03	737734003	7/9/2025	Cs-134	-1.35E-05	1.15E-04	3.26E-04	U
AP	03	737734003	7/9/2025	Cs-137	-5.69E-05	8.40E-05	2.58E-04	U
AP	03	737734003	7/9/2025	Fe-59	8.19E-04	6.36E-04	2.31E-03	U
AP	03	737734003	7/9/2025	I-131	-1.12E-01	2.26E-01	0.00E+00	U
AP	03	737734003	7/9/2025	K-40	-4.46E-04	1.14E-03	4.13E-03	U
AP	03	737734003	7/9/2025	La-140	-1.23E-02	1.75E-02	5.19E-02	U
AP	03	737734003	7/9/2025	Mn-54	-5.86E-05	1.07E-04	3.31E-04	U
AP	03	737734003	7/9/2025	Nb-95	6.78E-05	2.74E-04	9.21E-04	U
AP	03	737734003	7/9/2025	Ru-103	-1.02E-03	4.43E-04	9.52E-04	U
AP	03	737734003	7/9/2025	Ru-106	-1.33E-03	1.23E-03	3.09E-03	U
AP	03	737734003	7/9/2025	Sb-124	-2.44E-04	5.48E-04	1.68E-03	U
AP	03	737734003	7/9/2025	Sb-125	-5.53E-06	2.07E-04	6.99E-04	U
AP	03	737734003	7/9/2025	Se-75	2.25E-04	1.65E-04	5.40E-04	U
AP	03	737734003	7/9/2025	Th-228	6.64E-05	2.74E-04	4.33E-04	U
AP	03	737734003	7/9/2025	Zn-65	-4.17E-04	2.98E-04	5.59E-04	U
AP	03	737734003	7/9/2025	Zr-95	-4.56E-04	5.93E-04	1.55E-03	U
AP	03	735406003	7/23/2025	BETA	2.49E-02	1.06E-03	8.63E-04	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	03	737529003	8/6/2025	BETA	3.51E-02	1.29E-03	8.42E-04	
AP	03	739725003	8/20/2025	BETA	3.43E-02	1.22E-03	7.92E-04	
AP	03	741547003	9/3/2025	BETA	3.05E-02	1.16E-03	7.94E-04	
AP	03	743650003	9/17/2025	BETA	3.87E-02	1.29E-03	7.80E-04	
AP	03	745971003	9/30/2025	BETA	4.35E-02	1.41E-03	8.16E-04	
AP	03	750759003	9/30/2025	Ac-228	1.65E-03	7.81E-04	2.13E-03	U
AP	03	750759003	9/30/2025	Ag-108m	1.11E-04	7.05E-05	2.42E-04	U
AP	03	750759003	9/30/2025	Ag-110m	-5.28E-05	9.78E-05	2.97E-04	U
AP	03	750759003	9/30/2025	Ba-140	-1.78E-03	2.96E-03	8.61E-03	U
AP	03	750759003	9/30/2025	Be-7	9.31E-02	6.74E-03	3.51E-03	
AP	03	750759003	9/30/2025	Ce-141	-7.66E-05	1.76E-04	5.84E-04	U
AP	03	750759003	9/30/2025	Ce-144	3.55E-04	3.41E-04	1.20E-03	U
AP	03	750759003	9/30/2025	Co-57	-1.10E-05	4.00E-05	1.36E-04	U
AP	03	750759003	9/30/2025	Co-58	0.00E+00	1.85E-04	3.15E-04	U
AP	03	750759003	9/30/2025	Co-60	2.36E-07	8.25E-05	2.68E-04	U
AP	03	750759003	9/30/2025	Cr-51	-5.74E-05	1.45E-03	4.74E-03	U
AP	03	750759003	9/30/2025	Cs-134	-7.51E-05	1.36E-04	2.58E-04	U
AP	03	750759003	9/30/2025	Cs-137	-9.51E-05	9.21E-05	2.77E-04	U
AP	03	750759003	9/30/2025	Fe-59	-6.14E-05	3.29E-04	1.06E-03	U
AP	03	750759003	9/30/2025	I-131	-2.62E-03	2.37E-03	6.48E-03	U
AP	03	750759003	9/30/2025	K-40	1.66E-03	2.25E-03	3.85E-03	U
AP	03	750759003	9/30/2025	La-140	-6.12E-04	1.15E-03	3.22E-03	U
AP	03	750759003	9/30/2025	Mn-54	-6.62E-05	8.75E-05	2.64E-04	U
AP	03	750759003	9/30/2025	Nb-95	-2.55E-04	1.18E-04	2.12E-04	U
AP	03	750759003	9/30/2025	Ru-103	1.76E-04	1.47E-04	5.04E-04	U
AP	03	750759003	9/30/2025	Ru-106	-4.11E-04	6.55E-04	1.81E-03	U
AP	03	750759003	9/30/2025	Sb-124	3.75E-04	3.17E-04	1.23E-03	U
AP	03	750759003	9/30/2025	Sb-125	-1.56E-04	2.31E-04	6.88E-04	U
AP	03	750759003	9/30/2025	Se-75	-8.53E-05	1.05E-04	3.21E-04	U
AP	03	750759003	9/30/2025	Th-228	0.00E+00	3.48E-04	3.74E-04	U
AP	03	750759003	9/30/2025	Zn-65	1.19E-04	2.53E-04	8.74E-04	U
AP	03	750759003	9/30/2025	Zr-95	1.20E-04	2.06E-04	7.37E-04	U
AP	03	748366003	10/15/2025	BETA	3.36E-02	1.16E-03	6.92E-04	
AP	03	750441003	10/29/2025	BETA	2.19E-02	9.73E-04	7.34E-04	
AP	03	752863003	11/12/2025	BETA	2.26E-02	9.78E-04	7.12E-04	
AP	03	754692003	11/25/2025	BETA	3.15E-02	1.24E-03	8.78E-04	
AP	03	756706003	12/9/2025	BETA	2.57E-02	1.08E-03	8.30E-04	
AP	03	758036003	12/23/2025	BETA	2.81E-02	1.11E-03	8.03E-04	
AP	03	759458003	1/7/2026	BETA	1.23E-02	7.45E-04	7.81E-04	
AP	03	764523003	1/7/2026	Ac-228	1.44E-04	3.62E-04	1.44E-03	U
AP	03	764523003	1/7/2026	Ag-108m	-3.63E-06	4.45E-05	1.37E-04	U
AP	03	764523003	1/7/2026	Ag-110m	2.47E-04	1.75E-04	6.61E-04	U
AP	03	764523003	1/7/2026	Ba-140	8.15E-03	4.50E-02	1.57E-01	U
AP	03	764523003	1/7/2026	Be-7	8.62E-02	8.49E-03	7.53E-03	
AP	03	764523003	1/7/2026	Ce-141	9.12E-05	5.72E-04	2.01E-03	U
AP	03	764523003	1/7/2026	Ce-144	-8.69E-05	3.58E-04	1.23E-03	U
AP	03	764523003	1/7/2026	Co-57	-1.67E-05	4.82E-05	1.34E-04	U
AP	03	764523003	1/7/2026	Co-58	-2.27E-04	2.09E-04	4.99E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	03	764523003	1/7/2026	Co-60	-4.72E-06	9.52E-05	3.12E-04	U
AP	03	764523003	1/7/2026	Cr-51	-5.38E-03	6.30E-03	1.78E-02	U
AP	03	764523003	1/7/2026	Cs-134	1.03E-04	1.38E-04	4.87E-04	U
AP	03	764523003	1/7/2026	Cs-137	-4.48E-05	8.82E-05	2.70E-04	U
AP	03	764523003	1/7/2026	Fe-59	-5.49E-04	6.16E-04	1.52E-03	U
AP	03	764523003	1/7/2026	I-131	0.00E+00	4.00E-01	0.00E+00	UI
AP	03	764523003	1/7/2026	K-40	3.12E-05	1.27E-03	4.93E-03	U
AP	03	764523003	1/7/2026	La-140	-1.73E-02	2.83E-02	8.88E-02	U
AP	03	764523003	1/7/2026	Mn-54	-1.37E-04	9.92E-05	1.97E-04	U
AP	03	764523003	1/7/2026	Nb-95	-4.49E-04	2.54E-04	5.48E-04	U
AP	03	764523003	1/7/2026	Ru-103	2.13E-04	3.09E-04	1.15E-03	U
AP	03	764523003	1/7/2026	Ru-106	3.84E-04	8.16E-04	2.90E-03	U
AP	03	764523003	1/7/2026	Sb-124	8.56E-05	8.30E-04	2.75E-03	U
AP	03	764523003	1/7/2026	Sb-125	1.23E-04	1.35E-04	4.78E-04	U
AP	03	764523003	1/7/2026	Se-75	8.59E-05	1.38E-04	4.78E-04	U
AP	03	764523003	1/7/2026	Th-228	5.10E-04	2.40E-04	5.91E-04	U
AP	03	764523003	1/7/2026	Zn-65	-1.65E-04	2.40E-04	6.81E-04	U
AP	03	764523003	1/7/2026	Zr-95	1.42E-04	4.20E-04	1.45E-03	U
AP	04	705664004	1/21/2025	BETA	1.97E-02	1.52E-03	1.96E-03	
AP	04	707945004	2/5/2025	BETA	2.58E-02	1.64E-03	1.81E-03	
AP	04	710166004	2/19/2025	BETA	2.25E-02	9.54E-04	7.62E-04	
AP	04	713489004	3/5/2025	BETA	2.54E-02	1.04E-03	7.69E-04	
AP	04	715688004	3/19/2025	BETA	1.82E-02	8.75E-04	7.80E-04	
AP	04	717727004	4/2/2025	BETA	2.09E-02	9.36E-04	7.64E-04	
AP	04	722964004	4/2/2025	Ac-228	-2.81E-04	3.30E-04	1.12E-03	U
AP	04	722964004	4/2/2025	Ag-108m	2.84E-05	6.86E-05	2.39E-04	U
AP	04	722964004	4/2/2025	Ag-110m	-1.45E-04	1.96E-04	5.94E-04	U
AP	04	722964004	4/2/2025	Ba-140	6.14E-03	2.96E-02	1.01E-01	U
AP	04	722964004	4/2/2025	Be-7	6.72E-02	8.00E-03	6.43E-03	
AP	04	722964004	4/2/2025	Ce-141	-1.62E-03	6.36E-04	1.38E-03	U
AP	04	722964004	4/2/2025	Ce-144	1.71E-04	3.52E-04	1.20E-03	U
AP	04	722964004	4/2/2025	Co-57	-5.62E-05	4.06E-05	1.09E-04	U
AP	04	722964004	4/2/2025	Co-58	-1.97E-04	1.74E-04	3.72E-04	U
AP	04	722964004	4/2/2025	Co-60	5.34E-05	8.40E-05	3.18E-04	U
AP	04	722964004	4/2/2025	Cr-51	-4.29E-03	4.67E-03	1.43E-02	U
AP	04	722964004	4/2/2025	Cs-134	-7.89E-05	1.29E-04	3.68E-04	U
AP	04	722964004	4/2/2025	Cs-137	2.23E-05	8.80E-05	2.96E-04	U
AP	04	722964004	4/2/2025	Fe-59	-4.50E-04	8.16E-04	2.45E-03	U
AP	04	722964004	4/2/2025	I-131	0.00E+00	1.55E-01	0.00E+00	UI
AP	04	722964004	4/2/2025	K-40	-2.44E-04	1.66E-03	6.04E-03	U
AP	04	722964004	4/2/2025	La-140	-9.12E-03	1.69E-02	4.68E-02	U
AP	04	722964004	4/2/2025	Mn-54	-1.42E-05	1.04E-04	3.22E-04	U
AP	04	722964004	4/2/2025	Nb-95	3.64E-04	2.29E-04	8.61E-04	U
AP	04	722964004	4/2/2025	Ru-103	-9.81E-05	4.30E-04	1.40E-03	U
AP	04	722964004	4/2/2025	Ru-106	5.72E-04	8.78E-04	3.09E-03	U
AP	04	722964004	4/2/2025	Sb-124	-7.28E-04	5.44E-04	1.03E-04	U
AP	04	722964004	4/2/2025	Sb-125	-2.05E-04	2.08E-04	5.99E-04	U
AP	04	722964004	4/2/2025	Se-75	3.97E-04	1.83E-04	5.10E-04	U
AP	04	722964004	4/2/2025	Th-228	3.28E-04	1.79E-04	6.03E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	04	722964004	4/2/2025	Zn-65	2.37E-04	2.45E-04	9.34E-04	U
AP	04	722964004	4/2/2025	Zr-95	1.12E-04	3.42E-04	1.16E-03	U
AP	04	720293004	4/16/2025	BETA	1.82E-02	8.58E-04	6.84E-04	
AP	04	722581004	4/30/2025	BETA	2.06E-02	9.28E-04	8.21E-04	
AP	04	724927004	5/14/2025	BETA	1.70E-02	8.54E-04	7.24E-04	
AP	04	727301004	5/29/2025	BETA	1.17E-02	6.96E-04	7.00E-04	
AP	04	728820004	6/11/2025	BETA	1.89E-02	9.45E-04	8.37E-04	
AP	04	730958004	6/25/2025	BETA	2.38E-02	1.01E-03	7.32E-04	
AP	04	732991004	7/9/2025	BETA	2.20E-02	9.85E-04	7.60E-04	
AP	04	737734004	7/9/2025	Ac-228	-2.85E-04	2.57E-04	7.89E-04	U
AP	04	737734004	7/9/2025	Ag-108m	5.42E-05	3.29E-05	1.16E-04	U
AP	04	737734004	7/9/2025	Ag-110m	8.94E-05	7.45E-05	2.71E-04	U
AP	04	737734004	7/9/2025	Ba-140	1.47E-02	1.96E-02	6.84E-02	U
AP	04	737734004	7/9/2025	Be-7	6.72E-02	5.28E-03	3.55E-03	
AP	04	737734004	7/9/2025	Ce-141	1.22E-04	4.36E-04	8.59E-04	U
AP	04	737734004	7/9/2025	Ce-144	-1.06E-04	1.76E-04	5.54E-04	U
AP	04	737734004	7/9/2025	Co-57	-2.41E-05	2.22E-05	6.66E-05	U
AP	04	737734004	7/9/2025	Co-58	1.59E-04	1.25E-04	4.06E-04	U
AP	04	737734004	7/9/2025	Co-60	3.48E-05	4.16E-05	1.55E-04	U
AP	04	737734004	7/9/2025	Cr-51	4.19E-03	2.89E-03	1.01E-02	U
AP	04	737734004	7/9/2025	Cs-134	1.47E-04	5.99E-05	1.99E-04	U
AP	04	737734004	7/9/2025	Cs-137	-4.13E-06	4.57E-05	1.47E-04	U
AP	04	737734004	7/9/2025	Fe-59	3.75E-04	3.42E-04	1.27E-03	U
AP	04	737734004	7/9/2025	I-131	-1.37E-01	1.04E-01	0.00E+00	U
AP	04	737734004	7/9/2025	K-40	-5.33E-04	8.57E-04	2.75E-03	U
AP	04	737734004	7/9/2025	La-140	-3.92E-03	1.10E-02	3.32E-02	U
AP	04	737734004	7/9/2025	Mn-54	1.17E-05	6.38E-05	2.07E-04	U
AP	04	737734004	7/9/2025	Nb-95	-3.82E-04	1.70E-04	3.38E-04	U
AP	04	737734004	7/9/2025	Ru-103	-2.85E-06	1.98E-04	6.56E-04	U
AP	04	737734004	7/9/2025	Ru-106	4.69E-04	4.72E-04	1.64E-03	U
AP	04	737734004	7/9/2025	Sb-124	5.65E-04	3.92E-04	1.47E-03	U
AP	04	737734004	7/9/2025	Sb-125	1.23E-04	1.13E-04	3.83E-04	U
AP	04	737734004	7/9/2025	Se-75	-2.42E-07	7.88E-05	2.48E-04	U
AP	04	737734004	7/9/2025	Th-228	0.00E+00	8.84E-05	1.54E-04	U
AP	04	737734004	7/9/2025	Zn-65	8.00E-05	1.43E-04	5.02E-04	U
AP	04	737734004	7/9/2025	Zr-95	2.61E-04	2.18E-04	7.64E-04	U
AP	04	735406004	7/23/2025	BETA	1.70E-02	8.67E-04	7.56E-04	
AP	04	737529004	8/6/2025	BETA	2.51E-02	1.06E-03	8.10E-04	
AP	04	739725004	8/20/2025	BETA	2.47E-02	9.80E-04	6.93E-04	
AP	04	741547004	9/3/2025	BETA	2.13E-02	8.54E-04	5.94E-04	
AP	04	743650004	9/17/2025	BETA	2.75E-02	9.59E-04	5.87E-04	
AP	04	745971004	9/30/2025	BETA	2.76E-02	9.77E-04	6.30E-04	
AP	04	750759004	9/30/2025	Ac-228	2.05E-04	5.34E-04	7.75E-04	U
AP	04	750759004	9/30/2025	Ag-108m	2.32E-05	5.86E-05	1.99E-04	U
AP	04	750759004	9/30/2025	Ag-110m	9.63E-05	9.89E-05	3.46E-04	U
AP	04	750759004	9/30/2025	Ba-140	7.25E-04	2.05E-03	6.92E-03	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	04	750759004	9/30/2025	Be-7	7.22E-02	5.10E-03	2.85E-03	
AP	04	750759004	9/30/2025	Ce-141	3.24E-04	3.50E-04	4.33E-04	U
AP	04	750759004	9/30/2025	Ce-144	1.97E-04	2.86E-04	1.03E-03	U
AP	04	750759004	9/30/2025	Co-57	-3.19E-05	4.76E-05	1.32E-04	U
AP	04	750759004	9/30/2025	Co-58	1.48E-04	1.29E-04	4.39E-04	U
AP	04	750759004	9/30/2025	Co-60	5.98E-05	9.70E-05	3.08E-04	U
AP	04	750759004	9/30/2025	Cr-51	1.35E-03	1.43E-03	4.99E-03	U
AP	04	750759004	9/30/2025	Cs-134	2.57E-06	7.55E-05	2.40E-04	U
AP	04	750759004	9/30/2025	Cs-137	3.63E-05	5.49E-05	1.90E-04	U
AP	04	750759004	9/30/2025	Fe-59	-2.82E-05	2.65E-04	8.92E-04	U
AP	04	750759004	9/30/2025	I-131	6.97E-04	2.15E-03	7.33E-03	U
AP	04	750759004	9/30/2025	K-40	1.28E-03	1.54E-03	2.27E-03	U
AP	04	750759004	9/30/2025	La-140	-1.75E-04	8.24E-04	2.62E-03	U
AP	04	750759004	9/30/2025	Mn-54	1.74E-05	8.37E-05	2.70E-04	U
AP	04	750759004	9/30/2025	Nb-95	-4.25E-05	9.61E-05	2.84E-04	U
AP	04	750759004	9/30/2025	Ru-103	-1.72E-05	1.08E-04	3.48E-04	U
AP	04	750759004	9/30/2025	Ru-106	-5.02E-04	5.89E-04	1.65E-03	U
AP	04	750759004	9/30/2025	Sb-124	-1.02E-04	1.77E-04	4.71E-04	U
AP	04	750759004	9/30/2025	Sb-125	8.56E-05	1.48E-04	5.12E-04	U
AP	04	750759004	9/30/2025	Se-75	6.93E-05	8.09E-05	2.85E-04	U
AP	04	750759004	9/30/2025	Th-228	0.00E+00	2.13E-04	3.09E-04	U
AP	04	750759004	9/30/2025	Zn-65	0.00E+00	2.18E-04	3.47E-04	U
AP	04	750759004	9/30/2025	Zr-95	2.54E-05	1.61E-04	5.21E-04	U
AP	04	748366004	10/15/2025	BETA	2.61E-02	9.19E-04	5.64E-04	
AP	04	750441004	10/29/2025	BETA	1.58E-02	7.41E-04	6.37E-04	
AP	04	752863004	11/12/2025	BETA	1.65E-02	7.55E-04	5.92E-04	
AP	04	754692004	11/25/2025	BETA	1.75E-02	8.17E-04	6.77E-04	
AP	04	756706004	12/9/2025	BETA	1.59E-02	7.39E-04	5.82E-04	
AP	04	758036004	12/23/2025	BETA	2.11E-02	8.53E-04	6.14E-04	
AP	04	759458004	1/7/2026	BETA	1.20E-02	6.51E-04	6.16E-04	
AP	04	764523004	1/7/2026	Ac-228	6.36E-04	3.63E-04	1.36E-03	U
AP	04	764523004	1/7/2026	Ag-108m	-8.51E-05	5.70E-05	1.29E-04	U
AP	04	764523004	1/7/2026	Ag-110m	1.01E-04	9.03E-05	3.62E-04	U
AP	04	764523004	1/7/2026	Ba-140	4.37E-02	5.10E-02	1.76E-01	U
AP	04	764523004	1/7/2026	Be-7	6.53E-02	6.45E-03	4.40E-03	
AP	04	764523004	1/7/2026	Ce-141	7.21E-04	4.93E-04	1.77E-03	U
AP	04	764523004	1/7/2026	Ce-144	5.05E-05	2.82E-04	9.22E-04	U
AP	04	764523004	1/7/2026	Co-57	-4.29E-05	3.75E-05	9.97E-05	U
AP	04	764523004	1/7/2026	Co-58	2.78E-05	1.54E-04	5.36E-04	U
AP	04	764523004	1/7/2026	Co-60	-3.27E-05	1.05E-04	3.20E-04	U
AP	04	764523004	1/7/2026	Cr-51	2.62E-03	4.40E-03	1.53E-02	U
AP	04	764523004	1/7/2026	Cs-134	4.29E-05	7.08E-05	2.61E-04	U
AP	04	764523004	1/7/2026	Cs-137	-2.07E-05	6.01E-05	1.95E-04	U
AP	04	764523004	1/7/2026	Fe-59	1.24E-03	6.24E-04	2.57E-03	U
AP	04	764523004	1/7/2026	I-131	-1.71E-01	2.63E-01	0.00E+00	U
AP	04	764523004	1/7/2026	K-40	-4.46E-04	1.47E-03	4.84E-03	U
AP	04	764523004	1/7/2026	La-140	1.29E-02	1.83E-02	6.84E-02	U
AP	04	764523004	1/7/2026	Mn-54	2.01E-05	6.77E-05	2.40E-04	U
AP	04	764523004	1/7/2026	Nb-95	-1.36E-04	1.67E-04	4.78E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	04	764523004	1/7/2026	Ru-103	-3.52E-04	3.13E-04	7.57E-04	U
AP	04	764523004	1/7/2026	Ru-106	4.25E-05	5.83E-04	1.84E-03	U
AP	04	764523004	1/7/2026	Sb-124	-1.54E-04	6.01E-04	1.77E-03	U
AP	04	764523004	1/7/2026	Sb-125	-5.96E-05	1.18E-04	3.35E-04	U
AP	04	764523004	1/7/2026	Se-75	-9.66E-05	1.16E-04	3.44E-04	U
AP	04	764523004	1/7/2026	Th-228	2.63E-04	2.45E-04	2.83E-04	U
AP	04	764523004	1/7/2026	Zn-65	-1.29E-04	2.02E-04	5.68E-04	U
AP	04	764523004	1/7/2026	Zr-95	3.20E-04	2.00E-04	8.63E-04	U
AP	05	705664005	1/21/2025	BETA	1.89E-02	8.30E-04	6.86E-04	
AP	05	707945005	2/5/2025	BETA	1.20E-02	6.27E-04	5.95E-04	
AP	05	713489005	3/5/2025	BETA	1.22E-02	4.59E-04	3.46E-04	
AP	05	715688005	3/19/2025	BETA	1.36E-02	6.91E-04	6.42E-04	
AP	05	717727005	4/2/2025	BETA	1.65E-02	7.53E-04	6.22E-04	
AP	05	722964005	4/2/2025	Ac-228	-2.11E-04	2.98E-04	9.98E-04	U
AP	05	722964005	4/2/2025	Ag-108m	-1.55E-05	3.51E-05	1.15E-04	U
AP	05	722964005	4/2/2025	Ag-110m	8.21E-05	1.06E-04	3.70E-04	U
AP	05	722964005	4/2/2025	Ba-140	9.34E-03	1.62E-02	5.78E-02	U
AP	05	722964005	4/2/2025	Be-7	3.76E-02	4.25E-03	3.35E-03	
AP	05	722964005	4/2/2025	Ce-141	1.32E-04	3.09E-04	1.04E-03	U
AP	05	722964005	4/2/2025	Ce-144	1.34E-04	2.19E-04	7.47E-04	U
AP	05	722964005	4/2/2025	Co-57	-1.30E-05	2.50E-05	7.77E-05	U
AP	05	722964005	4/2/2025	Co-58	-8.48E-05	1.24E-04	3.52E-04	U
AP	05	722964005	4/2/2025	Co-60	4.34E-05	5.86E-05	2.20E-04	U
AP	05	722964005	4/2/2025	Cr-51	0.00E+00	5.45E-03	4.82E-03	U
AP	05	722964005	4/2/2025	Cs-134	-7.96E-05	7.54E-05	2.01E-04	U
AP	05	722964005	4/2/2025	Cs-137	2.67E-05	5.06E-05	1.76E-04	U
AP	05	722964005	4/2/2025	Fe-59	-1.22E-03	5.20E-04	6.50E-04	U
AP	05	722964005	4/2/2025	I-131	-2.37E-02	7.93E-02	0.00E+00	U
AP	05	722964005	4/2/2025	K-40	7.98E-04	1.03E-03	3.93E-03	U
AP	05	722964005	4/2/2025	La-140	1.07E-02	8.70E-03	3.45E-02	U
AP	05	722964005	4/2/2025	Mn-54	-5.46E-05	5.22E-05	1.26E-04	U
AP	05	722964005	4/2/2025	Nb-95	1.13E-04	9.93E-05	3.75E-04	U
AP	05	722964005	4/2/2025	Ru-103	9.00E-05	1.62E-04	5.77E-04	U
AP	05	722964005	4/2/2025	Ru-106	-2.51E-04	4.37E-04	1.30E-03	U
AP	05	722964005	4/2/2025	Sb-124	4.93E-04	4.01E-04	1.59E-03	U
AP	05	722964005	4/2/2025	Sb-125	2.26E-04	1.30E-04	4.72E-04	U
AP	05	722964005	4/2/2025	Se-75	9.66E-06	8.10E-05	2.59E-04	U
AP	05	722964005	4/2/2025	Th-228	2.40E-04	1.04E-04	3.06E-04	U
AP	05	722964005	4/2/2025	Zn-65	1.59E-04	9.74E-05	4.19E-04	U
AP	05	722964005	4/2/2025	Zr-95	8.34E-05	1.99E-04	6.89E-04	U
AP	05	720293005	4/16/2025	BETA	1.57E-02	7.50E-04	6.40E-04	
AP	05	722581005	4/30/2025	BETA	1.70E-02	7.85E-04	6.70E-04	
AP	05	724927005	5/14/2025	BETA	1.37E-02	7.06E-04	6.78E-04	
AP	05	727301005	5/29/2025	BETA	1.12E-02	6.28E-04	6.62E-04	
AP	05	728820005	6/11/2025	BETA	1.77E-02	8.32E-04	6.68E-04	
AP	05	730958005	6/25/2025	BETA	2.08E-02	8.85E-04	6.75E-04	
AP	05	732991005	7/9/2025	BETA	1.64E-02	7.74E-04	6.35E-04	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	05	737734005	7/9/2025	Ac-228	3.51E-04	2.78E-04	5.79E-04	U
AP	05	737734005	7/9/2025	Ag-108m	-4.51E-05	3.85E-05	1.12E-04	U
AP	05	737734005	7/9/2025	Ag-110m	1.27E-04	6.77E-05	2.21E-04	U
AP	05	737734005	7/9/2025	Ba-140	-3.23E-03	1.76E-02	5.78E-02	U
AP	05	737734005	7/9/2025	Be-7	4.93E-02	4.11E-03	2.83E-03	
AP	05	737734005	7/9/2025	Ce-141	4.02E-04	5.62E-04	7.94E-04	U
AP	05	737734005	7/9/2025	Ce-144	-5.91E-05	1.78E-04	5.65E-04	U
AP	05	737734005	7/9/2025	Co-57	3.16E-05	2.42E-05	8.02E-05	U
AP	05	737734005	7/9/2025	Co-58	9.46E-05	8.45E-05	2.74E-04	U
AP	05	737734005	7/9/2025	Co-60	-4.36E-05	4.68E-05	1.36E-04	U
AP	05	737734005	7/9/2025	Cr-51	3.53E-04	2.30E-03	7.96E-03	U
AP	05	737734005	7/9/2025	Cs-134	1.01E-04	7.57E-05	1.56E-04	U
AP	05	737734005	7/9/2025	Cs-137	5.41E-05	4.08E-05	1.41E-04	U
AP	05	737734005	7/9/2025	Fe-59	-2.16E-05	2.03E-04	6.77E-04	U
AP	05	737734005	7/9/2025	I-131	-1.61E-01	1.06E-01	0.00E+00	U
AP	05	737734005	7/9/2025	K-40	9.61E-04	6.90E-04	1.29E-03	U
AP	05	737734005	7/9/2025	La-140	-4.04E-03	5.04E-03	1.33E-02	U
AP	05	737734005	7/9/2025	Mn-54	6.35E-07	4.31E-05	1.39E-04	U
AP	05	737734005	7/9/2025	Nb-95	0.00E+00	1.68E-04	2.45E-04	U
AP	05	737734005	7/9/2025	Ru-103	2.04E-05	1.70E-04	5.15E-04	U
AP	05	737734005	7/9/2025	Ru-106	-6.55E-05	3.80E-04	1.10E-03	U
AP	05	737734005	7/9/2025	Sb-124	1.93E-04	2.04E-04	7.67E-04	U
AP	05	737734005	7/9/2025	Sb-125	3.13E-05	9.57E-05	3.28E-04	U
AP	05	737734005	7/9/2025	Se-75	-3.81E-05	6.73E-05	2.02E-04	U
AP	05	737734005	7/9/2025	Th-228	0.00E+00	1.08E-04	1.60E-04	U
AP	05	737734005	7/9/2025	Zn-65	-8.36E-05	1.12E-04	2.91E-04	U
AP	05	737734005	7/9/2025	Zr-95	1.29E-04	1.86E-04	6.30E-04	U
AP	05	735406005	7/23/2025	BETA	1.50E-02	7.58E-04	6.69E-04	
AP	05	737529005	8/6/2025	BETA	2.10E-02	9.14E-04	7.02E-04	
AP	05	739725005	8/20/2025	BETA	2.38E-02	9.61E-04	7.11E-04	
AP	05	741547005	9/3/2025	BETA	2.15E-02	9.13E-04	6.87E-04	
AP	05	743650005	9/17/2025	BETA	2.67E-02	1.01E-03	6.89E-04	
AP	05	745971005	9/30/2025	BETA	3.14E-02	1.13E-03	7.20E-04	
AP	05	750759005	9/30/2025	Ac-228	1.32E-03	4.62E-04	1.05E-03	
AP	05	750759005	9/30/2025	Ag-108m	-7.35E-05	8.16E-05	2.57E-04	U
AP	05	750759005	9/30/2025	Ag-110m	-9.70E-05	1.02E-04	2.14E-04	U
AP	05	750759005	9/30/2025	Ba-140	-3.51E-03	3.17E-03	8.87E-03	U
AP	05	750759005	9/30/2025	Be-7	6.78E-02	5.24E-03	2.87E-03	
AP	05	750759005	9/30/2025	Ce-141	-2.59E-04	2.16E-04	6.25E-04	U
AP	05	750759005	9/30/2025	Ce-144	3.60E-04	3.17E-04	1.12E-03	U
AP	05	750759005	9/30/2025	Co-57	2.74E-06	3.94E-05	1.38E-04	U
AP	05	750759005	9/30/2025	Co-58	-6.16E-05	1.21E-04	3.50E-04	U
AP	05	750759005	9/30/2025	Co-60	-9.56E-05	9.08E-05	2.45E-04	U
AP	05	750759005	9/30/2025	Cr-51	2.99E-04	1.73E-03	5.82E-03	U
AP	05	750759005	9/30/2025	Cs-134	1.83E-04	1.12E-04	3.67E-04	U
AP	05	750759005	9/30/2025	Cs-137	8.96E-05	8.84E-05	3.00E-04	U
AP	05	750759005	9/30/2025	Fe-59	-7.59E-05	2.50E-04	8.12E-04	U
AP	05	750759005	9/30/2025	I-131	4.31E-03	3.01E-03	1.04E-02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	05	750759005	9/30/2025	K-40	0.00E+00	1.40E-03	2.11E-03	U
AP	05	750759005	9/30/2025	La-140	-2.06E-03	1.25E-03	2.54E-03	U
AP	05	750759005	9/30/2025	Mn-54	-2.97E-05	9.46E-05	2.84E-04	U
AP	05	750759005	9/30/2025	Nb-95	1.04E-04	1.23E-04	4.15E-04	U
AP	05	750759005	9/30/2025	Ru-103	1.23E-04	1.55E-04	5.27E-04	U
AP	05	750759005	9/30/2025	Ru-106	-9.43E-04	8.14E-04	2.20E-03	U
AP	05	750759005	9/30/2025	Sb-124	2.51E-04	3.63E-04	1.30E-03	U
AP	05	750759005	9/30/2025	Sb-125	1.66E-04	2.21E-04	6.47E-04	U
AP	05	750759005	9/30/2025	Se-75	-5.27E-05	1.13E-04	3.70E-04	U
AP	05	750759005	9/30/2025	Th-228	4.82E-04	3.29E-04	5.77E-04	U
AP	05	750759005	9/30/2025	Zn-65	-4.11E-04	2.14E-04	4.61E-04	U
AP	05	750759005	9/30/2025	Zr-95	-2.56E-04	2.37E-04	6.23E-04	U
AP	05	748366005	10/15/2025	BETA	2.73E-02	1.07E-03	7.21E-04	
AP	05	750441005	10/29/2025	BETA	1.50E-02	7.53E-04	6.41E-04	
AP	05	752863005	11/12/2025	BETA	1.56E-02	7.76E-04	6.68E-04	
AP	05	754692005	11/25/2025	BETA	1.74E-02	8.40E-04	6.80E-04	
AP	05	756706005	12/9/2025	BETA	1.76E-02	8.03E-04	6.57E-04	
AP	05	758036005	12/23/2025	BETA	2.20E-02	9.07E-04	6.77E-04	
AP	05	759458005	1/7/2026	BETA	1.08E-02	6.25E-04	6.25E-04	
AP	05	764523005	1/7/2026	Ac-228	9.94E-04	7.73E-04	1.91E-03	U
AP	05	764523005	1/7/2026	Ag-108m	9.68E-05	1.03E-04	2.40E-04	U
AP	05	764523005	1/7/2026	Ag-110m	8.98E-05	1.25E-04	4.62E-04	U
AP	05	764523005	1/7/2026	Ba-140	-3.66E-02	6.45E-02	1.91E-01	U
AP	05	764523005	1/7/2026	Be-7	4.92E-02	6.16E-03	5.60E-03	
AP	05	764523005	1/7/2026	Ce-141	-1.19E-03	7.55E-04	1.94E-03	U
AP	05	764523005	1/7/2026	Ce-144	-2.49E-04	4.25E-04	1.39E-03	U
AP	05	764523005	1/7/2026	Co-57	-4.74E-05	6.43E-05	2.05E-04	U
AP	05	764523005	1/7/2026	Co-58	2.71E-04	1.70E-04	6.62E-04	U
AP	05	764523005	1/7/2026	Co-60	-1.32E-04	9.71E-05	2.00E-04	U
AP	05	764523005	1/7/2026	Cr-51	-7.08E-03	6.48E-03	1.85E-02	U
AP	05	764523005	1/7/2026	Cs-134	1.07E-05	6.83E-05	2.40E-04	U
AP	05	764523005	1/7/2026	Cs-137	9.68E-05	5.97E-05	2.31E-04	U
AP	05	764523005	1/7/2026	Fe-59	4.12E-04	5.59E-04	2.11E-03	U
AP	05	764523005	1/7/2026	I-131	-2.65E-01	3.67E-01	0.00E+00	U
AP	05	764523005	1/7/2026	K-40	-1.10E-03	1.52E-03	5.85E-03	U
AP	05	764523005	1/7/2026	La-140	-1.94E-02	1.93E-02	4.22E-02	U
AP	05	764523005	1/7/2026	Mn-54	1.32E-04	1.07E-04	3.99E-04	U
AP	05	764523005	1/7/2026	Nb-95	-6.84E-05	2.29E-04	7.60E-04	U
AP	05	764523005	1/7/2026	Ru-103	3.84E-04	3.64E-04	1.28E-03	U
AP	05	764523005	1/7/2026	Ru-106	-4.98E-04	7.77E-04	2.17E-03	U
AP	05	764523005	1/7/2026	Sb-124	-6.17E-04	6.07E-04	1.31E-03	U
AP	05	764523005	1/7/2026	Sb-125	1.57E-04	1.74E-04	6.11E-04	U
AP	05	764523005	1/7/2026	Se-75	1.15E-05	1.42E-04	4.75E-04	U
AP	05	764523005	1/7/2026	Th-228	5.14E-04	3.21E-04	5.80E-04	U
AP	05	764523005	1/7/2026	Zn-65	9.76E-05	2.27E-04	8.08E-04	U
AP	05	764523005	1/7/2026	Zr-95	1.58E-04	3.89E-04	1.39E-03	U
AP	07	705664006	1/21/2025	BETA	2.24E-02	9.22E-04	6.95E-04	
AP	07	707945006	2/5/2025	BETA	1.97E-02	7.97E-04	6.01E-04	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	07	710166005	2/19/2025	BETA	2.41E-02	9.19E-04	6.42E-04	
AP	07	713489006	3/5/2025	BETA	2.38E-02	9.06E-04	6.40E-04	
AP	07	715688006	3/19/2025	BETA	1.82E-02	8.04E-04	7.04E-04	
AP	07	717727006	4/2/2025	BETA	1.35E-02	6.99E-04	6.65E-04	
AP	07	722964006	4/2/2025	Ac-228	3.21E-04	2.82E-04	1.08E-03	U
AP	07	722964006	4/2/2025	Ag-108m	-6.39E-06	4.92E-05	1.58E-04	U
AP	07	722964006	4/2/2025	Ag-110m	-2.11E-04	9.39E-05	0.00E+00	U
AP	07	722964006	4/2/2025	Ba-140	-2.31E-02	2.45E-02	6.75E-02	U
AP	07	722964006	4/2/2025	Be-7	4.32E-02	4.62E-03	4.64E-03	
AP	07	722964006	4/2/2025	Ce-141	-6.29E-05	3.03E-04	9.67E-04	U
AP	07	722964006	4/2/2025	Ce-144	0.00E+00	5.97E-04	7.33E-04	U
AP	07	722964006	4/2/2025	Co-57	2.06E-05	3.35E-05	1.11E-04	U
AP	07	722964006	4/2/2025	Co-58	-1.53E-04	1.41E-04	3.86E-04	U
AP	07	722964006	4/2/2025	Co-60	-1.61E-05	9.61E-05	2.99E-04	U
AP	07	722964006	4/2/2025	Cr-51	2.49E-03	3.13E-03	1.04E-02	U
AP	07	722964006	4/2/2025	Cs-134	-7.67E-06	5.24E-05	1.72E-04	U
AP	07	722964006	4/2/2025	Cs-137	-5.83E-05	7.24E-05	2.02E-04	U
AP	07	722964006	4/2/2025	Fe-59	4.23E-04	5.94E-04	2.08E-03	U
AP	07	722964006	4/2/2025	I-131	0.00E+00	9.55E-02	0.00E+00	UI
AP	07	722964006	4/2/2025	K-40	1.74E-03	1.11E-03	4.14E-03	U
AP	07	722964006	4/2/2025	La-140	-4.46E-03	1.26E-02	3.92E-02	U
AP	07	722964006	4/2/2025	Mn-54	3.67E-05	7.85E-05	2.77E-04	U
AP	07	722964006	4/2/2025	Nb-95	1.43E-04	1.45E-04	5.36E-04	U
AP	07	722964006	4/2/2025	Ru-103	9.16E-05	1.88E-04	6.54E-04	U
AP	07	722964006	4/2/2025	Ru-106	2.09E-04	6.29E-04	2.10E-03	U
AP	07	722964006	4/2/2025	Sb-124	-1.15E-03	6.71E-04	1.30E-03	U
AP	07	722964006	4/2/2025	Sb-125	-6.08E-05	1.32E-04	4.11E-04	U
AP	07	722964006	4/2/2025	Se-75	-1.05E-04	1.07E-04	2.90E-04	U
AP	07	722964006	4/2/2025	Th-228	5.72E-05	1.02E-04	3.46E-04	U
AP	07	722964006	4/2/2025	Zn-65	7.50E-05	2.21E-04	7.53E-04	U
AP	07	722964006	4/2/2025	Zr-95	-1.28E-04	1.68E-04	4.66E-04	U
AP	07	720293006	4/16/2025	BETA	1.99E-02	8.30E-04	6.10E-04	
AP	07	722581006	4/30/2025	BETA	2.11E-02	8.78E-04	7.24E-04	
AP	07	724927006	5/14/2025	BETA	1.57E-02	7.43E-04	6.06E-04	
AP	07	727301006	5/29/2025	BETA	1.17E-02	6.33E-04	5.80E-04	
AP	07	728820006	6/11/2025	BETA	2.05E-02	8.98E-04	7.14E-04	
AP	07	730958006	6/25/2025	BETA	2.09E-02	8.76E-04	6.36E-04	
AP	07	732991006	7/9/2025	BETA	2.23E-02	8.93E-04	6.13E-04	
AP	07	737734006	7/9/2025	Ac-228	-4.46E-05	1.51E-04	4.65E-04	U
AP	07	737734006	7/9/2025	Ag-108m	3.64E-06	2.19E-05	7.23E-05	U
AP	07	737734006	7/9/2025	Ag-110m	3.39E-05	5.64E-05	1.78E-04	U
AP	07	737734006	7/9/2025	Ba-140	-5.65E-03	1.61E-02	5.04E-02	U
AP	07	737734006	7/9/2025	Be-7	4.92E-02	4.75E-03	3.06E-03	
AP	07	737734006	7/9/2025	Ce-141	-5.96E-04	2.78E-04	6.81E-04	U
AP	07	737734006	7/9/2025	Ce-144	-1.72E-04	1.49E-04	4.11E-04	U
AP	07	737734006	7/9/2025	Co-57	3.08E-05	2.02E-05	6.43E-05	U
AP	07	737734006	7/9/2025	Co-58	3.66E-05	6.71E-05	2.36E-04	U
AP	07	737734006	7/9/2025	Co-60	-1.08E-05	3.38E-05	1.05E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	07	737734006	7/9/2025	Cr-51	-2.10E-03	1.92E-03	5.74E-03	U
AP	07	737734006	7/9/2025	Cs-134	-1.72E-05	3.75E-05	1.21E-04	U
AP	07	737734006	7/9/2025	Cs-137	3.57E-06	2.29E-05	7.43E-05	U
AP	07	737734006	7/9/2025	Fe-59	-2.10E-05	1.86E-04	6.05E-04	U
AP	07	737734006	7/9/2025	I-131	0.00E+00	6.60E-02	0.00E+00	UI
AP	07	737734006	7/9/2025	K-40	-5.35E-04	4.88E-04	1.54E-03	U
AP	07	737734006	7/9/2025	La-140	-4.95E-03	6.30E-03	1.74E-02	U
AP	07	737734006	7/9/2025	Mn-54	3.24E-05	3.61E-05	1.28E-04	U
AP	07	737734006	7/9/2025	Nb-95	-5.29E-05	6.23E-05	1.88E-04	U
AP	07	737734006	7/9/2025	Ru-103	2.00E-05	1.28E-04	4.19E-04	U
AP	07	737734006	7/9/2025	Ru-106	4.34E-05	2.53E-04	8.22E-04	U
AP	07	737734006	7/9/2025	Sb-124	3.15E-04	1.90E-04	7.42E-04	U
AP	07	737734006	7/9/2025	Sb-125	-3.23E-05	6.36E-05	1.98E-04	U
AP	07	737734006	7/9/2025	Se-75	-7.88E-05	5.27E-05	1.51E-04	U
AP	07	737734006	7/9/2025	Th-228	-1.78E-05	5.74E-05	1.59E-04	U
AP	07	737734006	7/9/2025	Zn-65	-3.22E-05	8.12E-05	2.55E-04	U
AP	07	737734006	7/9/2025	Zr-95	1.39E-05	1.22E-04	4.18E-04	U
AP	07	735406006	7/23/2025	BETA	1.95E-02	8.67E-04	6.77E-04	
AP	07	737529006	8/6/2025	BETA	2.75E-02	1.02E-03	6.90E-04	
AP	07	739725006	8/20/2025	BETA	3.12E-02	1.10E-03	7.04E-04	
AP	07	741547006	9/3/2025	BETA	2.59E-02	1.01E-03	6.74E-04	
AP	07	743650006	9/17/2025	BETA	3.30E-02	1.14E-03	6.76E-04	
AP	07	745971006	9/30/2025	BETA	3.51E-02	1.20E-03	7.42E-04	
AP	07	750759006	9/30/2025	Ac-228	-3.33E-04	3.69E-04	1.15E-03	U
AP	07	750759006	9/30/2025	Ag-108m	5.12E-05	5.43E-05	1.86E-04	U
AP	07	750759006	9/30/2025	Ag-110m	1.62E-04	9.47E-05	3.45E-04	U
AP	07	750759006	9/30/2025	Ba-140	-9.51E-04	2.39E-03	7.30E-03	U
AP	07	750759006	9/30/2025	Be-7	7.51E-02	5.46E-03	1.90E-03	
AP	07	750759006	9/30/2025	Ce-141	1.83E-05	1.63E-04	5.65E-04	U
AP	07	750759006	9/30/2025	Ce-144	2.99E-04	2.81E-04	9.97E-04	U
AP	07	750759006	9/30/2025	Co-57	5.29E-05	4.06E-05	1.43E-04	U
AP	07	750759006	9/30/2025	Co-58	-1.29E-04	8.98E-05	2.36E-04	U
AP	07	750759006	9/30/2025	Co-60	-2.20E-05	8.05E-05	2.54E-04	U
AP	07	750759006	9/30/2025	Cr-51	-7.83E-04	1.26E-03	3.94E-03	U
AP	07	750759006	9/30/2025	Cs-134	-1.12E-04	7.13E-05	1.81E-04	U
AP	07	750759006	9/30/2025	Cs-137	-4.89E-05	5.38E-05	1.39E-04	U
AP	07	750759006	9/30/2025	Fe-59	3.70E-04	2.94E-04	1.08E-03	U
AP	07	750759006	9/30/2025	I-131	-1.18E-03	2.33E-03	7.27E-03	U
AP	07	750759006	9/30/2025	K-40	2.07E-04	1.15E-03	4.22E-03	U
AP	07	750759006	9/30/2025	La-140	-1.07E-03	9.39E-04	2.18E-03	U
AP	07	750759006	9/30/2025	Mn-54	0.00E+00	0.00E+00	2.42E-04	U
AP	07	750759006	9/30/2025	Nb-95	1.70E-04	1.77E-04	3.60E-04	U
AP	07	750759006	9/30/2025	Ru-103	0.00E+00	1.46E-04	3.22E-04	U
AP	07	750759006	9/30/2025	Ru-106	-2.60E-04	6.68E-04	2.02E-03	U
AP	07	750759006	9/30/2025	Sb-124	2.89E-05	2.20E-04	7.35E-04	U
AP	07	750759006	9/30/2025	Sb-125	6.72E-05	1.61E-04	5.41E-04	U
AP	07	750759006	9/30/2025	Se-75	-1.29E-04	8.97E-05	2.53E-04	U
AP	07	750759006	9/30/2025	Th-228	3.86E-04	2.82E-04	5.07E-04	U
AP	07	750759006	9/30/2025	Zn-65	-5.46E-05	1.64E-04	5.24E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	07	750759006	9/30/2025	Zr-95	0.00E+00	2.94E-04	5.92E-04	U
AP	07	748366006	10/15/2025	BETA	3.35E-02	1.10E-03	6.32E-04	
AP	07	750441006	10/29/2025	BETA	2.26E-02	9.60E-04	7.23E-04	
AP	07	752863006	11/12/2025	BETA	1.95E-02	8.97E-04	6.71E-04	
AP	07	754692006	11/25/2025	BETA	2.39E-02	1.02E-03	8.02E-04	
AP	07	756706006	12/9/2025	BETA	2.07E-02	9.16E-04	6.87E-04	
AP	07	758036006	12/23/2025	BETA	3.20E-02	1.15E-03	6.62E-04	
AP	07	759458006	1/7/2026	BETA	1.36E-02	7.39E-04	6.52E-04	
AP	07	764523006	1/7/2026	Ac-228	-2.53E-04	2.27E-04	6.85E-04	U
AP	07	764523006	1/7/2026	Ag-108m	0.00E+00	8.09E-05	1.24E-04	U
AP	07	764523006	1/7/2026	Ag-110m	-1.86E-06	7.32E-05	2.45E-04	U
AP	07	764523006	1/7/2026	Ba-140	3.03E-02	3.00E-02	1.02E-01	U
AP	07	764523006	1/7/2026	Be-7	6.86E-02	5.78E-03	3.76E-03	
AP	07	764523006	1/7/2026	Ce-141	3.84E-04	5.63E-04	1.16E-03	U
AP	07	764523006	1/7/2026	Ce-144	-1.62E-04	2.25E-04	7.09E-04	U
AP	07	764523006	1/7/2026	Co-57	5.31E-05	3.39E-05	1.15E-04	U
AP	07	764523006	1/7/2026	Co-58	-5.00E-05	1.21E-04	3.87E-04	U
AP	07	764523006	1/7/2026	Co-60	1.31E-05	7.15E-05	2.39E-04	U
AP	07	764523006	1/7/2026	Cr-51	-4.59E-03	3.66E-03	9.99E-03	U
AP	07	764523006	1/7/2026	Cs-134	5.48E-05	6.90E-05	2.27E-04	U
AP	07	764523006	1/7/2026	Cs-137	-7.80E-05	4.27E-05	9.69E-05	U
AP	07	764523006	1/7/2026	Fe-59	-1.84E-04	3.41E-04	1.01E-03	U
AP	07	764523006	1/7/2026	I-131	-2.24E-01	1.89E-01	0.00E+00	U
AP	07	764523006	1/7/2026	K-40	-1.67E-05	8.93E-04	3.07E-03	U
AP	07	764523006	1/7/2026	La-140	8.30E-03	1.33E-02	4.69E-02	U
AP	07	764523006	1/7/2026	Mn-54	7.26E-05	5.63E-05	2.07E-04	U
AP	07	764523006	1/7/2026	Nb-95	2.64E-05	1.15E-04	4.00E-04	U
AP	07	764523006	1/7/2026	Ru-103	4.22E-04	2.09E-04	7.31E-04	U
AP	07	764523006	1/7/2026	Ru-106	3.65E-04	4.51E-04	1.63E-03	U
AP	07	764523006	1/7/2026	Sb-124	9.53E-04	4.25E-04	1.69E-03	U
AP	07	764523006	1/7/2026	Sb-125	1.05E-04	1.25E-04	3.94E-04	U
AP	07	764523006	1/7/2026	Se-75	-8.63E-05	8.59E-05	2.51E-04	U
AP	07	764523006	1/7/2026	Th-228	1.90E-04	1.05E-04	3.31E-04	U
AP	07	764523006	1/7/2026	Zn-65	-5.98E-05	1.40E-04	3.73E-04	U
AP	07	764523006	1/7/2026	Zr-95	-3.36E-04	2.70E-04	6.91E-04	U
AP	08	705664007	1/21/2025	BETA	2.13E-02	1.00E-03	8.71E-04	
AP	08	707945007	2/5/2025	BETA	1.79E-02	8.50E-04	7.54E-04	
AP	08	710166006	2/19/2025	BETA	2.26E-02	1.00E-03	8.46E-04	
AP	08	713489007	3/5/2025	BETA	1.85E-02	9.15E-04	8.76E-04	
AP	08	715688007	3/19/2025	BETA	1.82E-02	9.22E-04	8.46E-04	
AP	08	717727007	4/2/2025	BETA	1.62E-02	8.75E-04	8.19E-04	
AP	08	722964007	4/2/2025	Ac-228	1.36E-04	3.41E-04	1.18E-03	U
AP	08	722964007	4/2/2025	Ag-108m	-7.38E-05	5.60E-05	1.45E-04	U
AP	08	722964007	4/2/2025	Ag-110m	1.13E-04	1.58E-04	5.62E-04	U
AP	08	722964007	4/2/2025	Ba-140	-4.65E-02	3.30E-02	7.97E-02	U
AP	08	722964007	4/2/2025	Be-7	4.41E-02	5.53E-03	5.12E-03	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	08	722964007	4/2/2025	Ce-141	-9.49E-04	5.18E-04	1.28E-03	U
AP	08	722964007	4/2/2025	Ce-144	4.46E-04	3.50E-04	1.22E-03	U
AP	08	722964007	4/2/2025	Co-57	-1.61E-05	3.98E-05	1.28E-04	U
AP	08	722964007	4/2/2025	Co-58	0.00E+00	2.56E-04	5.17E-04	U
AP	08	722964007	4/2/2025	Co-60	1.75E-04	1.15E-04	4.45E-04	U
AP	08	722964007	4/2/2025	Cr-51	-3.14E-04	3.50E-03	1.18E-02	U
AP	08	722964007	4/2/2025	Cs-134	-2.11E-05	6.72E-05	2.11E-04	U
AP	08	722964007	4/2/2025	Cs-137	8.90E-05	7.30E-05	2.65E-04	U
AP	08	722964007	4/2/2025	Fe-59	8.71E-04	5.69E-04	2.24E-03	U
AP	08	722964007	4/2/2025	I-131	-3.38E-02	1.51E-01	0.00E+00	U
AP	08	722964007	4/2/2025	K-40	1.86E-03	1.07E-03	4.22E-03	U
AP	08	722964007	4/2/2025	La-140	4.35E-03	9.47E-03	3.51E-02	U
AP	08	722964007	4/2/2025	Mn-54	1.53E-04	9.68E-05	3.65E-04	U
AP	08	722964007	4/2/2025	Nb-95	-4.39E-05	2.16E-04	7.10E-04	U
AP	08	722964007	4/2/2025	Ru-103	-6.05E-04	3.30E-04	6.98E-04	U
AP	08	722964007	4/2/2025	Ru-106	-3.28E-05	7.83E-04	2.49E-03	U
AP	08	722964007	4/2/2025	Sb-124	2.42E-04	6.90E-04	2.40E-03	U
AP	08	722964007	4/2/2025	Sb-125	1.26E-04	1.86E-04	6.52E-04	U
AP	08	722964007	4/2/2025	Se-75	5.91E-05	1.47E-04	4.73E-04	U
AP	08	722964007	4/2/2025	Th-228	-4.85E-05	1.25E-04	3.92E-04	U
AP	08	722964007	4/2/2025	Zn-65	1.69E-04	2.02E-04	7.67E-04	U
AP	08	722964007	4/2/2025	Zr-95	2.59E-04	3.95E-04	1.41E-03	U
AP	08	720293007	4/16/2025	BETA	2.03E-02	9.60E-04	7.56E-04	
AP	08	722581007	4/30/2025	BETA	1.89E-02	9.52E-04	8.58E-04	
AP	08	724927007	5/14/2025	BETA	1.72E-02	9.16E-04	9.01E-04	
AP	08	727301007	5/29/2025	BETA	1.06E-02	6.08E-04	6.24E-04	
AP	08	728820007	6/11/2025	BETA	1.98E-02	8.97E-04	6.82E-04	
AP	08	730958007	6/25/2025	BETA	2.30E-02	9.24E-04	6.62E-04	
AP	08	732991007	7/9/2025	BETA	1.92E-02	8.61E-04	6.87E-04	
AP	08	737734007	7/9/2025	Ac-228	4.72E-04	2.89E-04	7.84E-04	U
AP	08	737734007	7/9/2025	Ag-108m	7.69E-06	2.93E-05	9.72E-05	U
AP	08	737734007	7/9/2025	Ag-110m	-8.67E-05	5.21E-05	1.21E-04	U
AP	08	737734007	7/9/2025	Ba-140	-2.89E-04	1.63E-02	5.22E-02	U
AP	08	737734007	7/9/2025	Be-7	5.24E-02	3.91E-03	2.93E-03	
AP	08	737734007	7/9/2025	Ce-141	4.82E-04	5.06E-04	7.57E-04	U
AP	08	737734007	7/9/2025	Ce-144	2.15E-05	1.77E-04	5.61E-04	U
AP	08	737734007	7/9/2025	Co-57	7.85E-06	2.16E-05	6.97E-05	U
AP	08	737734007	7/9/2025	Co-58	2.28E-05	8.48E-05	2.90E-04	U
AP	08	737734007	7/9/2025	Co-60	1.94E-05	3.75E-05	1.29E-04	U
AP	08	737734007	7/9/2025	Cr-51	6.18E-04	2.32E-03	7.83E-03	U
AP	08	737734007	7/9/2025	Cs-134	3.08E-05	4.09E-05	1.44E-04	U
AP	08	737734007	7/9/2025	Cs-137	-4.24E-06	3.17E-05	1.07E-04	U
AP	08	737734007	7/9/2025	Fe-59	-2.19E-04	2.77E-04	8.01E-04	U
AP	08	737734007	7/9/2025	I-131	0.00E+00	9.11E-02	0.00E+00	UI
AP	08	737734007	7/9/2025	K-40	3.63E-04	6.44E-04	2.28E-03	U
AP	08	737734007	7/9/2025	La-140	-1.05E-02	7.64E-03	1.95E-02	U
AP	08	737734007	7/9/2025	Mn-54	-5.43E-05	4.41E-05	1.25E-04	U
AP	08	737734007	7/9/2025	Nb-95	8.23E-05	9.38E-05	3.29E-04	U
AP	08	737734007	7/9/2025	Ru-103	-4.07E-05	1.42E-04	4.47E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	08	737734007	7/9/2025	Ru-106	-2.21E-05	4.02E-04	1.27E-03	U
AP	08	737734007	7/9/2025	Sb-124	2.04E-05	2.48E-04	8.35E-04	U
AP	08	737734007	7/9/2025	Sb-125	2.83E-05	9.53E-05	3.16E-04	U
AP	08	737734007	7/9/2025	Se-75	3.51E-05	5.93E-05	2.04E-04	U
AP	08	737734007	7/9/2025	Th-228	0.00E+00	8.85E-05	1.52E-04	U
AP	08	737734007	7/9/2025	Zn-65	1.05E-04	9.39E-05	3.12E-04	U
AP	08	737734007	7/9/2025	Zr-95	3.08E-04	4.56E-04	5.71E-04	U
AP	08	735406007	7/23/2025	BETA	1.74E-02	8.29E-04	7.39E-04	
AP	08	737529007	8/6/2025	BETA	2.43E-02	9.41E-04	6.51E-04	
AP	08	739725007	8/20/2025	BETA	2.16E-02	8.84E-04	6.54E-04	
AP	08	741547007	9/3/2025	BETA	2.24E-02	9.10E-04	6.67E-04	
AP	08	743650007	9/17/2025	BETA	2.47E-02	9.46E-04	6.59E-04	
AP	08	745971007	9/30/2025	BETA	3.39E-02	1.16E-03	7.16E-04	
AP	08	750759007	9/30/2025	Ac-228	4.18E-05	3.37E-04	1.10E-03	U
AP	08	750759007	9/30/2025	Ag-108m	-8.11E-06	6.26E-05	1.94E-04	U
AP	08	750759007	9/30/2025	Ag-110m	-1.46E-04	1.36E-04	3.69E-04	U
AP	08	750759007	9/30/2025	Ba-140	1.04E-03	1.87E-03	6.67E-03	U
AP	08	750759007	9/30/2025	Be-7	6.37E-02	4.96E-03	2.56E-03	
AP	08	750759007	9/30/2025	Ce-141	3.18E-05	3.06E-04	4.88E-04	U
AP	08	750759007	9/30/2025	Ce-144	-2.27E-04	2.69E-04	8.79E-04	U
AP	08	750759007	9/30/2025	Co-57	1.06E-06	3.73E-05	1.10E-04	U
AP	08	750759007	9/30/2025	Co-58	-1.74E-04	9.41E-05	1.71E-04	U
AP	08	750759007	9/30/2025	Co-60	-7.74E-05	9.16E-05	2.57E-04	U
AP	08	750759007	9/30/2025	Cr-51	-3.03E-03	1.53E-03	3.56E-03	U
AP	08	750759007	9/30/2025	Cs-134	-4.23E-05	8.17E-05	2.48E-04	U
AP	08	750759007	9/30/2025	Cs-137	-4.25E-05	7.21E-05	2.23E-04	U
AP	08	750759007	9/30/2025	Fe-59	2.08E-05	2.54E-04	8.68E-04	U
AP	08	750759007	9/30/2025	I-131	-1.52E-03	2.44E-03	7.23E-03	U
AP	08	750759007	9/30/2025	K-40	-5.40E-04	1.35E-03	4.40E-03	U
AP	08	750759007	9/30/2025	La-140	6.33E-04	7.52E-04	2.90E-03	U
AP	08	750759007	9/30/2025	Mn-54	-1.65E-05	6.24E-05	1.94E-04	U
AP	08	750759007	9/30/2025	Nb-95	-4.83E-07	9.05E-05	2.97E-04	U
AP	08	750759007	9/30/2025	Ru-103	-1.17E-04	1.09E-04	3.22E-04	U
AP	08	750759007	9/30/2025	Ru-106	-2.88E-04	6.62E-04	2.00E-03	U
AP	08	750759007	9/30/2025	Sb-124	-2.58E-04	2.52E-04	5.36E-04	U
AP	08	750759007	9/30/2025	Sb-125	-6.18E-05	1.54E-04	4.59E-04	U
AP	08	750759007	9/30/2025	Se-75	2.29E-06	8.33E-05	2.75E-04	U
AP	08	750759007	9/30/2025	Th-228	3.50E-04	2.89E-04	4.83E-04	U
AP	08	750759007	9/30/2025	Zn-65	-1.56E-04	1.81E-04	5.25E-04	U
AP	08	750759007	9/30/2025	Zr-95	1.70E-04	1.56E-04	5.69E-04	U
AP	08	748366007	10/15/2025	BETA	2.50E-02	9.33E-04	6.00E-04	
AP	08	750441007	10/29/2025	BETA	1.62E-02	7.95E-04	6.51E-04	
AP	08	752863007	11/12/2025	BETA	1.72E-02	7.99E-04	6.19E-04	
AP	08	754692007	11/25/2025	BETA	2.51E-02	1.05E-03	7.87E-04	
AP	08	756706007	12/9/2025	BETA	1.73E-02	8.16E-04	6.92E-04	
AP	08	758036007	12/23/2025	BETA	2.56E-02	1.00E-03	7.21E-04	
AP	08	759458007	1/7/2026	BETA	1.40E-02	6.91E-04	6.12E-04	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	08	764523007	1/7/2026	Ac-228	2.57E-04	4.30E-04	1.66E-03	U
AP	08	764523007	1/7/2026	Ag-108m	4.16E-06	7.15E-05	2.39E-04	U
AP	08	764523007	1/7/2026	Ag-110m	8.71E-07	7.32E-05	2.43E-04	U
AP	08	764523007	1/7/2026	Ba-140	-7.38E-02	5.63E-02	1.37E-01	U
AP	08	764523007	1/7/2026	Be-7	5.66E-02	6.72E-03	5.32E-03	
AP	08	764523007	1/7/2026	Ce-141	-1.36E-03	6.35E-04	1.59E-03	U
AP	08	764523007	1/7/2026	Ce-144	-3.96E-04	4.11E-04	1.03E-03	U
AP	08	764523007	1/7/2026	Co-57	4.48E-05	4.34E-05	1.45E-04	U
AP	08	764523007	1/7/2026	Co-58	-5.49E-05	1.78E-04	5.58E-04	U
AP	08	764523007	1/7/2026	Co-60	1.15E-05	8.75E-05	3.07E-04	U
AP	08	764523007	1/7/2026	Cr-51	2.47E-03	4.77E-03	1.67E-02	U
AP	08	764523007	1/7/2026	Cs-134	1.28E-04	1.14E-04	4.25E-04	U
AP	08	764523007	1/7/2026	Cs-137	1.89E-04	9.90E-05	3.72E-04	U
AP	08	764523007	1/7/2026	Fe-59	-2.30E-05	4.42E-04	1.40E-03	U
AP	08	764523007	1/7/2026	I-131	0.00E+00	3.08E-01	0.00E+00	UI
AP	08	764523007	1/7/2026	K-40	2.04E-04	1.68E-03	6.04E-03	U
AP	08	764523007	1/7/2026	La-140	1.23E-03	2.23E-02	7.56E-02	U
AP	08	764523007	1/7/2026	Mn-54	-2.52E-06	6.48E-05	2.14E-04	U
AP	08	764523007	1/7/2026	Nb-95	5.25E-06	2.54E-04	8.56E-04	U
AP	08	764523007	1/7/2026	Ru-103	2.71E-04	3.27E-04	1.16E-03	U
AP	08	764523007	1/7/2026	Ru-106	5.74E-04	7.83E-04	2.89E-03	U
AP	08	764523007	1/7/2026	Sb-124	1.06E-03	6.63E-04	2.86E-03	U
AP	08	764523007	1/7/2026	Sb-125	-3.49E-04	2.18E-04	4.72E-04	U
AP	08	764523007	1/7/2026	Se-75	2.92E-04	1.49E-04	5.32E-04	U
AP	08	764523007	1/7/2026	Th-228	1.86E-04	2.42E-04	4.99E-04	U
AP	08	764523007	1/7/2026	Zn-65	3.06E-04	1.87E-04	8.06E-04	U
AP	08	764523007	1/7/2026	Zr-95	-3.84E-04	4.86E-04	1.21E-03	U
AP	09	705664008	1/21/2025	BETA	3.34E-02	1.34E-03	1.00E-03	
AP	09	707945008	2/5/2025	BETA	2.95E-02	1.20E-03	8.99E-04	
AP	09	710166007	2/19/2025	BETA	3.21E-02	1.27E-03	9.19E-04	
AP	09	713489008	3/5/2025	BETA	2.97E-02	1.22E-03	9.06E-04	
AP	09	715688008	3/19/2025	BETA	2.61E-02	1.18E-03	9.86E-04	
AP	09	717727008	4/2/2025	BETA	1.44E-02	6.66E-04	5.60E-04	
AP	09	722964008	4/2/2025	Ac-228	-1.50E-04	3.42E-04	1.18E-03	U
AP	09	722964008	4/2/2025	Ag-108m	5.41E-05	6.79E-05	2.40E-04	U
AP	09	722964008	4/2/2025	Ag-110m	1.30E-04	1.53E-04	5.40E-04	U
AP	09	722964008	4/2/2025	Ba-140	7.51E-03	2.71E-02	9.31E-02	U
AP	09	722964008	4/2/2025	Be-7	5.69E-02	6.07E-03	5.43E-03	
AP	09	722964008	4/2/2025	Ce-141	1.41E-04	5.83E-04	1.91E-03	U
AP	09	722964008	4/2/2025	Ce-144	3.22E-04	4.91E-04	1.64E-03	U
AP	09	722964008	4/2/2025	Co-57	-9.88E-05	6.16E-05	1.60E-04	U
AP	09	722964008	4/2/2025	Co-58	4.20E-04	1.95E-04	7.37E-04	U
AP	09	722964008	4/2/2025	Co-60	-2.05E-04	1.08E-04	2.10E-04	U
AP	09	722964008	4/2/2025	Cr-51	2.23E-04	5.20E-03	1.78E-02	U
AP	09	722964008	4/2/2025	Cs-134	1.01E-04	1.06E-04	3.73E-04	U
AP	09	722964008	4/2/2025	Cs-137	-2.07E-05	7.75E-05	2.43E-04	U
AP	09	722964008	4/2/2025	Fe-59	3.17E-04	6.84E-04	2.45E-03	U
AP	09	722964008	4/2/2025	I-131	-3.81E-03	1.71E-01	0.00E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	09	722964008	4/2/2025	K-40	4.39E-04	2.09E-03	2.18E-03	U
AP	09	722964008	4/2/2025	La-140	-8.61E-04	7.90E-03	2.49E-02	U
AP	09	722964008	4/2/2025	Mn-54	1.25E-04	1.06E-04	3.82E-04	U
AP	09	722964008	4/2/2025	Nb-95	1.52E-04	2.26E-04	7.95E-04	U
AP	09	722964008	4/2/2025	Ru-103	-1.94E-04	2.36E-04	6.69E-04	U
AP	09	722964008	4/2/2025	Ru-106	-9.23E-04	8.87E-04	2.33E-03	U
AP	09	722964008	4/2/2025	Sb-124	-8.87E-06	3.73E-04	1.21E-03	U
AP	09	722964008	4/2/2025	Sb-125	4.74E-04	3.75E-04	7.18E-04	U
AP	09	722964008	4/2/2025	Se-75	-1.07E-04	1.62E-04	4.70E-04	U
AP	09	722964008	4/2/2025	Th-228	2.81E-05	2.31E-04	5.38E-04	U
AP	09	722964008	4/2/2025	Zn-65	-1.82E-04	2.47E-04	7.27E-04	U
AP	09	722964008	4/2/2025	Zr-95	2.94E-04	3.45E-04	1.23E-03	U
AP	09	720293008	4/16/2025	BETA	1.87E-02	7.46E-04	5.13E-04	
AP	09	722581008	4/30/2025	BETA	1.65E-02	7.06E-04	5.95E-04	
AP	09	724927008	5/14/2025	BETA	1.66E-02	7.15E-04	5.29E-04	
AP	09	727301008	5/29/2025	BETA	1.23E-02	6.40E-04	5.74E-04	
AP	09	728820008	6/11/2025	BETA	1.87E-02	7.87E-04	6.01E-04	
AP	09	730958008	6/25/2025	BETA	1.99E-02	9.47E-04	7.63E-04	
AP	09	732991008	7/9/2025	BETA	1.70E-02	8.98E-04	7.98E-04	
AP	09	737734008	7/9/2025	Ac-228	0.00E+00	2.98E-04	4.01E-04	U
AP	09	737734008	7/9/2025	Ag-108m	3.57E-05	2.81E-05	9.86E-05	U
AP	09	737734008	7/9/2025	Ag-110m	-5.34E-05	5.67E-05	1.57E-04	U
AP	09	737734008	7/9/2025	Ba-140	-3.96E-03	1.81E-02	5.30E-02	U
AP	09	737734008	7/9/2025	Be-7	5.95E-02	4.03E-03	2.32E-03	
AP	09	737734008	7/9/2025	Ce-141	3.14E-04	2.38E-04	7.95E-04	U
AP	09	737734008	7/9/2025	Ce-144	1.20E-04	1.79E-04	6.00E-04	U
AP	09	737734008	7/9/2025	Co-57	1.42E-07	2.16E-05	7.12E-05	U
AP	09	737734008	7/9/2025	Co-58	-6.09E-06	7.25E-05	2.34E-04	U
AP	09	737734008	7/9/2025	Co-60	2.31E-05	3.60E-05	1.30E-04	U
AP	09	737734008	7/9/2025	Cr-51	4.30E-04	2.20E-03	6.98E-03	U
AP	09	737734008	7/9/2025	Cs-134	4.28E-05	3.87E-05	1.36E-04	U
AP	09	737734008	7/9/2025	Cs-137	0.00E+00	3.61E-05	4.88E-05	U
AP	09	737734008	7/9/2025	Fe-59	1.80E-04	3.13E-04	1.05E-03	U
AP	09	737734008	7/9/2025	I-131	-4.17E-03	8.02E-02	0.00E+00	U
AP	09	737734008	7/9/2025	K-40	0.00E+00	7.03E-04	1.35E-03	U
AP	09	737734008	7/9/2025	La-140	-3.77E-03	6.33E-03	1.87E-02	U
AP	09	737734008	7/9/2025	Mn-54	7.28E-06	3.42E-05	1.14E-04	U
AP	09	737734008	7/9/2025	Nb-95	7.95E-05	9.50E-05	3.02E-04	U
AP	09	737734008	7/9/2025	Ru-103	2.45E-04	1.49E-04	5.22E-04	U
AP	09	737734008	7/9/2025	Ru-106	3.34E-05	3.15E-04	1.06E-03	U
AP	09	737734008	7/9/2025	Sb-124	3.92E-07	2.65E-04	8.73E-04	U
AP	09	737734008	7/9/2025	Sb-125	6.30E-05	7.83E-05	2.76E-04	U
AP	09	737734008	7/9/2025	Se-75	-3.20E-05	6.30E-05	1.91E-04	U
AP	09	737734008	7/9/2025	Th-228	1.04E-04	7.90E-05	2.23E-04	U
AP	09	737734008	7/9/2025	Zn-65	1.20E-04	1.12E-04	3.82E-04	U
AP	09	737734008	7/9/2025	Zr-95	7.35E-06	1.49E-04	4.90E-04	U
AP	09	735406008	7/23/2025	BETA	1.52E-02	8.43E-04	7.97E-04	
AP	09	737529008	8/6/2025	BETA	2.33E-02	1.03E-03	8.26E-04	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	09	739725008	8/20/2025	BETA	2.07E-02	9.63E-04	7.86E-04	
AP	09	741547008	9/3/2025	BETA	2.03E-02	9.56E-04	7.70E-04	
AP	09	743650008	9/16/2025	BETA	2.99E-02	1.20E-03	8.33E-04	
AP	09	745971008	9/30/2025	BETA	2.84E-02	1.13E-03	8.16E-04	
AP	09	750759008	9/30/2025	Ac-228	0.00E+00	7.18E-04	1.76E-03	U
AP	09	750759008	9/30/2025	Ag-108m	-7.68E-05	5.76E-05	1.41E-04	U
AP	09	750759008	9/30/2025	Ag-110m	2.82E-04	1.30E-04	4.96E-04	U
AP	09	750759008	9/30/2025	Ba-140	3.42E-03	3.22E-03	1.10E-02	U
AP	09	750759008	9/30/2025	Be-7	5.29E-02	5.29E-03	4.19E-03	
AP	09	750759008	9/30/2025	Ce-141	-7.98E-04	2.82E-04	4.93E-04	U
AP	09	750759008	9/30/2025	Ce-144	5.09E-06	3.71E-04	1.07E-03	U
AP	09	750759008	9/30/2025	Co-57	5.37E-05	4.39E-05	1.42E-04	U
AP	09	750759008	9/30/2025	Co-58	8.47E-05	1.05E-04	3.82E-04	U
AP	09	750759008	9/30/2025	Co-60	-7.71E-05	1.12E-04	3.37E-04	U
AP	09	750759008	9/30/2025	Cr-51	1.36E-03	1.91E-03	6.52E-03	U
AP	09	750759008	9/30/2025	Cs-134	-1.58E-04	1.15E-04	3.03E-04	U
AP	09	750759008	9/30/2025	Cs-137	-2.85E-05	8.83E-05	2.90E-04	U
AP	09	750759008	9/30/2025	Fe-59	-3.01E-04	3.06E-04	7.58E-04	U
AP	09	750759008	9/30/2025	I-131	1.12E-03	3.36E-03	1.13E-02	U
AP	09	750759008	9/30/2025	K-40	2.08E-03	1.46E-03	5.43E-03	U
AP	09	750759008	9/30/2025	La-140	-4.08E-04	1.08E-03	3.28E-03	U
AP	09	750759008	9/30/2025	Mn-54	7.57E-06	9.31E-05	3.13E-04	U
AP	09	750759008	9/30/2025	Nb-95	5.53E-05	1.41E-04	4.92E-04	U
AP	09	750759008	9/30/2025	Ru-103	1.51E-04	1.34E-04	4.70E-04	U
AP	09	750759008	9/30/2025	Ru-106	1.45E-03	8.62E-04	3.14E-03	U
AP	09	750759008	9/30/2025	Sb-124	4.24E-05	3.72E-04	1.26E-03	U
AP	09	750759008	9/30/2025	Sb-125	1.55E-04	2.48E-04	7.19E-04	U
AP	09	750759008	9/30/2025	Se-75	1.88E-04	1.02E-04	3.57E-04	U
AP	09	750759008	9/30/2025	Th-228	2.86E-04	2.92E-04	5.53E-04	U
AP	09	750759008	9/30/2025	Zn-65	9.24E-05	1.91E-04	6.66E-04	U
AP	09	750759008	9/30/2025	Zr-95	2.82E-05	2.21E-04	7.54E-04	U
AP	09	748366008	10/15/2025	BETA	2.40E-02	1.01E-03	7.32E-04	
AP	09	750441008	10/29/2025	BETA	1.54E-02	8.43E-04	8.25E-04	
AP	09	752863008	11/12/2025	BETA	1.71E-02	8.91E-04	7.83E-04	
AP	09	754692008	11/25/2025	BETA	2.19E-02	1.06E-03	9.09E-04	
AP	09	756706008	12/9/2025	BETA	1.42E-02	8.30E-04	7.97E-04	
AP	09	758036008	12/23/2025	BETA	2.26E-02	1.03E-03	8.25E-04	
AP	09	759458008	1/7/2026	BETA	1.03E-02	6.97E-04	7.94E-04	
AP	09	764523008	1/7/2026	Ac-228	4.14E-05	5.44E-04	1.44E-03	U
AP	09	764523008	1/7/2026	Ag-108m	4.86E-05	5.47E-05	1.88E-04	U
AP	09	764523008	1/7/2026	Ag-110m	6.53E-05	1.19E-04	4.28E-04	U
AP	09	764523008	1/7/2026	Ba-140	2.62E-02	4.18E-02	1.42E-01	U
AP	09	764523008	1/7/2026	Be-7	5.16E-02	6.55E-03	6.32E-03	
AP	09	764523008	1/7/2026	Ce-141	-2.74E-04	5.53E-04	1.85E-03	U
AP	09	764523008	1/7/2026	Ce-144	-1.16E-04	3.21E-04	1.08E-03	U
AP	09	764523008	1/7/2026	Co-57	-3.36E-05	4.61E-05	1.52E-04	U
AP	09	764523008	1/7/2026	Co-58	3.75E-04	2.02E-04	7.37E-04	U
AP	09	764523008	1/7/2026	Co-60	7.62E-05	7.09E-05	2.71E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	09	764523008	1/7/2026	Cr-51	4.09E-03	5.27E-03	1.81E-02	U
AP	09	764523008	1/7/2026	Cs-134	1.00E-04	9.43E-05	3.23E-04	U
AP	09	764523008	1/7/2026	Cs-137	1.46E-05	6.06E-05	1.98E-04	U
AP	09	764523008	1/7/2026	Fe-59	1.02E-03	5.84E-04	2.24E-03	U
AP	09	764523008	1/7/2026	I-131	0.00E+00	2.60E-01	0.00E+00	UI
AP	09	764523008	1/7/2026	K-40	9.79E-04	1.42E-03	5.19E-03	U
AP	09	764523008	1/7/2026	La-140	-2.78E-02	2.22E-02	5.27E-02	U
AP	09	764523008	1/7/2026	Mn-54	-5.25E-05	9.04E-05	2.53E-04	U
AP	09	764523008	1/7/2026	Nb-95	3.23E-04	2.44E-04	8.27E-04	U
AP	09	764523008	1/7/2026	Ru-103	4.05E-04	3.61E-04	1.24E-03	U
AP	09	764523008	1/7/2026	Ru-106	7.21E-04	7.35E-04	2.39E-03	U
AP	09	764523008	1/7/2026	Sb-124	-2.59E-04	6.29E-04	1.88E-03	U
AP	09	764523008	1/7/2026	Sb-125	-1.69E-06	1.63E-04	5.29E-04	U
AP	09	764523008	1/7/2026	Se-75	-1.09E-04	1.35E-04	4.21E-04	U
AP	09	764523008	1/7/2026	Th-228	1.17E-04	1.28E-04	4.20E-04	U
AP	09	764523008	1/7/2026	Zn-65	1.56E-05	2.00E-04	6.78E-04	U
AP	09	764523008	1/7/2026	Zr-95	1.42E-04	2.52E-04	8.12E-04	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	01	705664009	1/21/2025	I-131	-2.52E-03	7.20E-03	2.36E-02	U
CF	01	707945009	2/5/2025	I-131	-5.72E-03	9.11E-03	1.84E-02	U
CF	01	710166008	2/19/2025	I-131	-2.16E-03	5.78E-03	1.75E-02	U
CF	01	713489009	3/5/2025	I-131	2.12E-05	3.52E-03	1.19E-02	U
CF	01	715688009	3/19/2025	I-131	2.46E-03	5.13E-03	1.81E-02	U
CF	01	717727009	4/2/2025	I-131	1.04E-03	5.56E-03	1.96E-02	U
CF	01	720293009	4/16/2025	I-131	4.00E-03	3.87E-03	1.40E-02	U
CF	01	722581009	4/30/2025	I-131	5.41E-03	3.56E-03	1.33E-02	U
CF	01	724927009	5/14/2025	I-131	-1.70E-03	5.30E-03	1.69E-02	U
CF	01	727301009	5/29/2025	I-131	-6.81E-03	5.52E-03	1.52E-02	U
CF	01	728820009	6/11/2025	I-131	-1.23E-03	2.44E-03	7.51E-03	U
CF	01	730958009	6/25/2025	I-131	-2.81E-04	1.23E-02	4.22E-02	U
CF	01	732991009	7/9/2025	I-131	-9.42E-03	5.07E-03	8.12E-03	U
CF	01	735406009	7/23/2025	I-131	5.98E-03	7.02E-03	2.53E-02	U
CF	01	737529009	8/6/2025	I-131	3.30E-03	2.72E-03	9.99E-03	U
CF	01	739725009	8/20/2025	I-131	2.21E-03	2.91E-03	1.02E-02	U
CF	01	741547009	9/3/2025	I-131	1.38E-03	8.57E-03	2.27E-02	U
CF	01	743650009	9/17/2025	I-131	-9.07E-03	5.55E-03	1.23E-02	U
CF	01	745971009	9/30/2025	I-131	1.51E-03	3.35E-03	9.60E-03	U
CF	01	748366009	10/15/2025	I-131	-2.01E-03	6.07E-03	1.49E-02	U
CF	01	750441009	10/29/2025	I-131	1.03E-02	6.01E-03	1.09E-02	U
CF	01	752863009	11/12/2025	I-131	2.08E-03	2.07E-03	6.24E-03	U
CF	01	754692009	11/25/2025	I-131	-3.53E-03	4.65E-03	1.25E-02	U
CF	01	756706009	12/9/2025	I-131	4.63E-03	4.73E-03	1.42E-02	U
CF	01	758036009	12/23/2025	I-131	-3.72E-03	4.18E-03	1.15E-02	U
CF	01	759458009	1/7/2026	I-131	-5.07E-03	3.28E-03	7.42E-03	U
CF	02	705664010	1/21/2025	I-131	1.26E-02	6.84E-03	2.58E-02	U
CF	02	707945010	2/5/2025	I-131	1.91E-02	1.45E-02	4.72E-02	U
CF	02	710166009	2/19/2025	I-131	-4.69E-04	3.98E-03	1.33E-02	U
CF	02	713489010	3/5/2025	I-131	-3.37E-03	3.14E-03	9.09E-03	U
CF	02	715688010	3/19/2025	I-131	1.67E-03	7.99E-03	2.74E-02	U
CF	02	717727010	4/2/2025	I-131	-9.02E-04	8.19E-03	2.72E-02	U
CF	02	720293010	4/16/2025	I-131	-4.94E-04	4.88E-03	1.73E-02	U
CF	02	722581010	4/30/2025	I-131	4.43E-03	4.82E-03	1.76E-02	U
CF	02	724927010	5/14/2025	I-131	-2.32E-03	6.45E-03	2.06E-02	U
CF	02	727301010	5/29/2025	I-131	-2.75E-03	6.93E-03	2.26E-02	U
CF	02	728820010	6/11/2025	I-131	-4.03E-03	3.60E-03	1.01E-02	U
CF	02	730958010	6/25/2025	I-131	1.04E-02	9.29E-03	3.42E-02	U
CF	02	732991010	7/9/2025	I-131	3.08E-03	6.66E-03	2.30E-02	U
CF	02	735406010	7/23/2025	I-131	6.94E-03	7.08E-03	2.58E-02	U
CF	02	737529010	8/6/2025	I-131	7.08E-04	3.53E-03	1.22E-02	U
CF	02	739725010	8/20/2025	I-131	2.34E-03	3.65E-03	1.18E-02	U
CF	02	741547010	9/3/2025	I-131	1.00E-03	6.45E-03	1.85E-02	U
CF	02	743650010	9/17/2025	I-131	2.70E-03	5.73E-03	1.70E-02	U
CF	02	745971010	9/30/2025	I-131	7.11E-03	4.49E-03	1.38E-02	U
CF	02	748366010	10/15/2025	I-131	7.55E-04	5.63E-03	1.62E-02	U
CF	02	750441010	10/29/2025	I-131	3.87E-03	4.48E-03	1.56E-02	U
CF	02	752863010	11/12/2025	I-131	-4.77E-03	2.76E-03	7.03E-03	U
CF	02	754692010	11/25/2025	I-131	3.53E-04	4.02E-03	1.38E-02	U
CF	02	756706010	12/9/2025	I-131	-3.47E-03	6.48E-03	1.78E-02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	02	758036010	12/23/2025	I-131	-6.62E-03	5.31E-03	1.40E-02	U
CF	02	759458010	1/7/2026	I-131	-1.51E-03	3.10E-03	8.46E-03	U
CF	03	705664011	1/21/2025	I-131	-2.23E-03	5.28E-03	1.67E-02	U
CF	03	707945011	2/5/2025	I-131	2.43E-02	8.65E-03	3.99E-02	U
CF	03	710166010	2/19/2025	I-131	2.54E-03	5.63E-03	1.93E-02	U
CF	03	713489011	3/5/2025	I-131	-1.64E-03	3.37E-03	1.08E-02	U
CF	03	715688011	3/19/2025	I-131	4.95E-03	3.54E-03	1.32E-02	U
CF	03	717727011	4/2/2025	I-131	-1.12E-02	8.64E-03	1.94E-02	U
CF	03	720293011	4/16/2025	I-131	-7.71E-03	4.64E-03	9.55E-03	U
CF	03	722581011	4/30/2025	I-131	2.06E-03	3.99E-03	1.44E-02	U
CF	03	724927011	5/14/2025	I-131	-7.96E-03	7.32E-03	1.98E-02	U
CF	03	727301011	5/29/2025	I-131	3.57E-03	8.04E-03	2.54E-02	U
CF	03	728820011	6/11/2025	I-131	3.00E-03	3.69E-03	1.38E-02	U
CF	03	730958011	6/25/2025	I-131	-7.79E-03	2.17E-02	6.87E-02	U
CF	03	732991011	7/9/2025	I-131	6.79E-03	1.01E-02	3.53E-02	U
CF	03	735406011	7/23/2025	I-131	-6.22E-03	1.21E-02	3.84E-02	U
CF	03	737529011	8/6/2025	I-131	-7.17E-03	5.59E-03	1.57E-02	U
CF	03	739725011	8/20/2025	I-131	-1.35E-03	3.96E-03	1.27E-02	U
CF	03	741547011	9/3/2025	I-131	7.03E-03	1.18E-02	3.22E-02	U
CF	03	743650011	9/17/2025	I-131	1.00E-02	1.09E-02	3.11E-02	U
CF	03	745971011	9/30/2025	I-131	3.82E-03	4.33E-03	1.28E-02	U
CF	03	748366011	10/15/2025	I-131	-2.53E-03	7.72E-03	2.05E-02	U
CF	03	750441011	10/29/2025	I-131	-6.72E-03	5.28E-03	1.38E-02	U
CF	03	752863011	11/12/2025	I-131	9.59E-04	4.14E-03	1.20E-02	U
CF	03	754692011	11/25/2025	I-131	-2.53E-04	4.77E-03	1.52E-02	U
CF	03	756706011	12/9/2025	I-131	6.88E-04	6.30E-03	1.81E-02	U
CF	03	758036011	12/23/2025	I-131	-3.34E-03	6.38E-03	1.84E-02	U
CF	03	759458011	1/7/2026	I-131	-1.76E-03	4.21E-03	1.02E-02	U
CF	04	705664012	1/21/2025	I-131	-2.85E-02	1.29E-02	1.59E-02	U
CF	04	707945012	2/5/2025	I-131	-2.32E-02	2.91E-02	6.97E-02	U
CF	04	710166011	2/19/2025	I-131	1.05E-03	4.52E-03	1.59E-02	U
CF	04	713489012	3/5/2025	I-131	1.72E-04	3.55E-03	1.09E-02	U
CF	04	715688012	3/19/2025	I-131	0.00E+00	7.49E-03	1.42E-02	U
CF	04	717727012	4/2/2025	I-131	7.82E-03	6.08E-03	2.31E-02	U
CF	04	720293012	4/16/2025	I-131	8.20E-04	3.65E-03	1.25E-02	U
CF	04	722581012	4/30/2025	I-131	-9.75E-04	4.16E-03	1.34E-02	U
CF	04	724927012	5/14/2025	I-131	4.80E-03	5.80E-03	2.16E-02	U
CF	04	727301012	5/29/2025	I-131	-7.73E-03	7.27E-03	2.17E-02	U
CF	04	728820012	6/11/2025	I-131	1.70E-03	3.97E-03	1.40E-02	U
CF	04	730958012	6/25/2025	I-131	-2.16E-02	1.25E-02	2.95E-02	U
CF	04	732991012	7/9/2025	I-131	1.71E-02	2.06E-02	3.67E-02	U
CF	04	735406012	7/23/2025	I-131	-1.56E-03	1.11E-02	3.75E-02	U
CF	04	737529012	8/6/2025	I-131	5.22E-03	3.87E-03	1.37E-02	U
CF	04	739725012	8/20/2025	I-131	-2.17E-03	2.83E-03	8.69E-03	U
CF	04	741547012	9/3/2025	I-131	-4.64E-03	8.55E-03	2.08E-02	U
CF	04	743650012	9/17/2025	I-131	-2.33E-03	5.66E-03	1.54E-02	U
CF	04	745971012	9/30/2025	I-131	-4.16E-03	3.81E-03	9.17E-03	U
CF	04	748366012	10/15/2025	I-131	1.57E-03	4.93E-03	1.44E-02	U
CF	04	750441012	10/29/2025	I-131	-2.81E-03	4.13E-03	1.25E-02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	04	752863012	11/12/2025	I-131	-1.19E-03	3.20E-03	8.88E-03	U
CF	04	754692012	11/25/2025	I-131	6.28E-03	3.53E-03	1.33E-02	U
CF	04	756706012	12/9/2025	I-131	-2.59E-03	7.15E-03	1.98E-02	U
CF	04	758036012	12/23/2025	I-131	-1.17E-02	6.67E-03	1.56E-02	U
CF	04	759458012	1/7/2026	I-131	3.81E-03	2.84E-03	8.98E-03	U
CF	05	705664013	1/21/2025	I-131	-7.33E-03	3.95E-03	6.33E-03	U
CF	05	707945013	2/5/2025	I-131	6.24E-04	7.53E-03	2.16E-02	U
CF	05	713489013	3/5/2025	I-131	7.72E-04	2.16E-03	7.50E-03	U
CF	05	715688013	3/19/2025	I-131	-6.52E-04	2.61E-03	8.39E-03	U
CF	05	717727013	4/2/2025	I-131	1.01E-03	6.88E-03	2.36E-02	U
CF	05	720293013	4/16/2025	I-131	1.15E-03	3.56E-03	1.25E-02	U
CF	05	722581013	4/30/2025	I-131	-3.41E-03	3.07E-03	8.40E-03	U
CF	05	724927013	5/14/2025	I-131	-2.55E-03	7.98E-03	2.49E-02	U
CF	05	727301013	5/29/2025	I-131	-6.03E-03	8.08E-03	2.56E-02	U
CF	05	728820013	6/11/2025	I-131	7.26E-03	3.90E-03	1.47E-02	U
CF	05	730958013	6/25/2025	I-131	-1.42E-02	1.03E-02	2.59E-02	U
CF	05	732991013	7/9/2025	I-131	-5.63E-03	7.18E-03	2.25E-02	U
CF	05	735406013	7/23/2025	I-131	1.83E-03	8.92E-03	3.06E-02	U
CF	05	737529013	8/6/2025	I-131	-4.77E-03	3.28E-03	8.96E-03	U
CF	05	739725013	8/20/2025	I-131	3.70E-03	2.81E-03	1.03E-02	U
CF	05	741547013	9/3/2025	I-131	7.39E-03	6.28E-03	1.95E-02	U
CF	05	743650013	9/17/2025	I-131	-6.99E-03	6.07E-03	1.56E-02	U
CF	05	745971013	9/30/2025	I-131	1.77E-03	3.81E-03	1.13E-02	U
CF	05	748366013	10/15/2025	I-131	-2.12E-02	9.42E-03	1.90E-02	U
CF	05	750441013	10/29/2025	I-131	2.35E-04	3.69E-03	1.12E-02	U
CF	05	752863013	11/12/2025	I-131	3.07E-03	4.00E-03	1.19E-02	U
CF	05	754692013	11/25/2025	I-131	4.78E-03	3.87E-03	1.37E-02	U
CF	05	756706013	12/9/2025	I-131	3.01E-03	8.13E-03	2.39E-02	U
CF	05	758036013	12/23/2025	I-131	-2.84E-03	3.29E-03	8.29E-03	U
CF	05	759458013	1/7/2026	I-131	-5.61E-03	2.96E-03	6.11E-03	U
CF	07	705664014	1/21/2025	I-131	-8.10E-04	5.68E-03	1.88E-02	U
CF	07	707945014	2/5/2025	I-131	2.31E-02	1.77E-02	5.41E-02	U
CF	07	710166012	2/19/2025	I-131	-4.15E-03	3.92E-03	9.71E-03	U
CF	07	713489014	3/5/2025	I-131	-2.57E-03	2.15E-03	6.01E-03	U
CF	07	715688014	3/19/2025	I-131	2.87E-03	3.54E-03	1.31E-02	U
CF	07	717727014	4/2/2025	I-131	4.55E-03	4.97E-03	1.87E-02	U
CF	07	720293014	4/16/2025	I-131	7.44E-04	2.25E-03	8.16E-03	U
CF	07	722581014	4/30/2025	I-131	-9.29E-04	2.37E-03	7.41E-03	U
CF	07	724927014	5/14/2025	I-131	5.66E-03	7.00E-03	2.39E-02	U
CF	07	727301014	5/29/2025	I-131	3.23E-03	5.44E-03	1.86E-02	U
CF	07	728820014	6/11/2025	I-131	1.07E-02	4.78E-03	1.80E-02	U
CF	07	730958014	6/25/2025	I-131	-6.88E-03	1.12E-02	3.47E-02	U
CF	07	732991014	7/9/2025	I-131	-3.20E-03	6.40E-03	1.97E-02	U
CF	07	735406014	7/23/2025	I-131	-1.14E-02	7.43E-03	1.90E-02	U
CF	07	737529014	8/6/2025	I-131	-3.94E-04	4.39E-03	1.42E-02	U
CF	07	739725014	8/20/2025	I-131	-5.56E-04	2.51E-03	8.21E-03	U
CF	07	741547014	9/3/2025	I-131	9.68E-03	1.02E-02	2.93E-02	U
CF	07	743650014	9/17/2025	I-131	-3.77E-03	9.51E-03	2.28E-02	U
CF	07	745971014	9/30/2025	I-131	9.12E-03	5.22E-03	1.64E-02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	07	748366014	10/15/2025	I-131	1.63E-03	5.54E-03	1.62E-02	U
CF	07	750441014	10/29/2025	I-131	6.62E-03	4.46E-03	1.64E-02	U
CF	07	752863014	11/12/2025	I-131	1.93E-03	4.29E-03	1.26E-02	U
CF	07	754692014	11/25/2025	I-131	3.52E-04	3.46E-03	1.15E-02	U
CF	07	756706014	12/9/2025	I-131	-1.71E-02	9.29E-03	2.09E-02	U
CF	07	758036014	12/23/2025	I-131	-9.36E-04	4.63E-03	1.44E-02	U
CF	07	759458014	1/7/2026	I-131	-2.98E-04	3.54E-03	1.00E-02	U
CF	08	705664015	1/21/2025	I-131	3.40E-03	5.46E-03	1.79E-02	U
CF	08	707945015	2/5/2025	I-131	5.13E-03	1.39E-02	4.15E-02	U
CF	08	710166013	2/19/2025	I-131	6.61E-04	4.43E-03	1.55E-02	U
CF	08	713489015	3/5/2025	I-131	-1.13E-05	3.69E-03	1.24E-02	U
CF	08	715688015	3/19/2025	I-131	-1.16E-03	2.88E-03	8.85E-03	U
CF	08	717727015	4/2/2025	I-131	-1.26E-03	6.31E-03	2.05E-02	U
CF	08	720293015	4/16/2025	I-131	1.87E-03	4.91E-03	1.72E-02	U
CF	08	722581015	4/30/2025	I-131	-3.86E-03	5.30E-03	1.62E-02	U
CF	08	724927015	5/14/2025	I-131	8.15E-04	1.08E-02	3.57E-02	U
CF	08	727301015	5/29/2025	I-131	7.17E-04	6.54E-03	2.21E-02	U
CF	08	728820015	6/11/2025	I-131	3.54E-03	2.60E-03	1.05E-02	U
CF	08	730958015	6/25/2025	I-131	1.01E-02	1.43E-02	4.81E-02	U
CF	08	732991015	7/9/2025	I-131	-1.07E-02	8.05E-03	2.04E-02	U
CF	08	735406015	7/23/2025	I-131	2.84E-03	7.15E-03	2.33E-02	U
CF	08	737529015	8/6/2025	I-131	-7.81E-04	4.85E-03	1.61E-02	U
CF	08	739725015	8/20/2025	I-131	-1.48E-03	3.29E-03	1.05E-02	U
CF	08	741547015	9/3/2025	I-131	2.67E-04	6.71E-03	1.93E-02	U
CF	08	743650015	9/17/2025	I-131	-7.71E-03	5.63E-03	1.42E-02	U
CF	08	745971015	9/30/2025	I-131	0.00E+00	4.23E-03	1.16E-02	U
CF	08	748366015	10/15/2025	I-131	-8.87E-03	5.98E-03	1.52E-02	U
CF	08	750441015	10/29/2025	I-131	-4.19E-03	6.05E-03	1.82E-02	U
CF	08	752863015	11/12/2025	I-131	1.34E-03	4.08E-03	1.20E-02	U
CF	08	754692015	11/25/2025	I-131	-3.81E-04	3.30E-03	1.08E-02	U
CF	08	756706015	12/9/2025	I-131	9.07E-04	9.80E-03	2.81E-02	U
CF	08	758036015	12/23/2025	I-131	-7.21E-03	4.61E-03	1.00E-02	U
CF	08	759458015	1/7/2026	I-131	-1.36E-03	2.98E-03	8.17E-03	U
CF	09	705664016	1/21/2025	I-131	-1.87E-03	6.91E-03	2.23E-02	U
CF	09	707945016	2/5/2025	I-131	-1.39E-02	2.37E-02	5.58E-02	U
CF	09	710166014	2/19/2025	I-131	8.56E-05	4.17E-03	1.43E-02	U
CF	09	713489016	3/5/2025	I-131	6.10E-04	3.34E-03	1.14E-02	U
CF	09	715688016	3/19/2025	I-131	-6.01E-04	6.72E-03	2.22E-02	U
CF	09	717727016	4/2/2025	I-131	7.62E-03	5.53E-03	2.14E-02	U
CF	09	720293016	4/16/2025	I-131	2.14E-04	3.12E-03	1.07E-02	U
CF	09	722581016	4/30/2025	I-131	-4.50E-03	4.11E-03	1.08E-02	U
CF	09	724927016	5/14/2025	I-131	1.20E-03	5.57E-03	1.92E-02	U
CF	09	727301016	5/29/2025	I-131	5.57E-03	5.25E-03	1.88E-02	U
CF	09	728820016	6/11/2025	I-131	7.31E-03	3.66E-03	1.39E-02	U
CF	09	730958016	6/25/2025	I-131	-1.00E-03	1.33E-02	4.49E-02	U
CF	09	732991016	7/9/2025	I-131	-3.64E-03	1.05E-02	2.98E-02	U
CF	09	735406016	7/23/2025	I-131	2.40E-02	1.16E-02	3.99E-02	U
CF	09	737529016	8/6/2025	I-131	-6.07E-04	4.41E-03	1.46E-02	U
CF	09	739725016	8/20/2025	I-131	8.85E-04	4.61E-03	1.53E-02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	09	727301016	5/29/2025	I-131	5.57E-03	5.25E-03	1.88E-02	U
CF	09	728820016	6/11/2025	I-131	7.31E-03	3.66E-03	1.39E-02	U
CF	09	730958016	6/25/2025	I-131	-1.00E-03	1.33E-02	4.49E-02	U
CF	09	732991016	7/9/2025	I-131	-3.64E-03	1.05E-02	2.98E-02	U
CF	09	750441016	10/29/2025	I-131	2.73E-03	6.60E-03	2.23E-02	U
CF	09	752863016	11/12/2025	I-131	1.14E-02	1.26E-02	3.84E-02	U
CF	09	754692016	11/25/2025	I-131	-8.65E-04	4.65E-03	1.48E-02	U
CF	09	756706016	12/9/2025	I-131	4.55E-03	6.35E-03	1.91E-02	U
CF	09	758036016	12/23/2025	I-131	9.03E-04	4.45E-03	1.51E-02	U
CF	09	759458016	1/7/2026	I-131	2.80E-03	4.66E-03	1.31E-02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	03	750087001	10/23/2025	Ac-228	-1.99E+01	1.01E+01	2.30E+01	U
FH	03	750087001	10/23/2025	Ag-108m	1.61E+00	1.36E+00	4.48E+00	U
FH	03	750087001	10/23/2025	Ag-110m	0.00E+00	3.87E+00	7.44E+00	U
FH	03	750087001	10/23/2025	Ba-140	-1.76E+00	9.54E+00	3.00E+01	U
FH	03	750087001	10/23/2025	Be-7	1.79E+01	1.42E+01	4.66E+01	U
FH	03	750087001	10/23/2025	Bi-214	3.28E+00	9.26E+00	1.29E+01	U
FH	03	750087001	10/23/2025	Ce-141	-2.94E+00	3.47E+00	9.53E+00	U
FH	03	750087001	10/23/2025	Ce-144	-2.84E+01	1.26E+01	2.81E+01	U
FH	03	750087001	10/23/2025	Co-57	1.65E+00	1.25E+00	4.23E+00	U
FH	03	750087001	10/23/2025	Co-58	-2.13E+00	1.63E+00	4.88E+00	U
FH	03	750087001	10/23/2025	Co-60	-7.47E-01	2.19E+00	5.92E+00	U
FH	03	750087001	10/23/2025	Cr-51	-1.88E+01	1.72E+01	5.22E+01	U
FH	03	750087001	10/23/2025	Cs-134	-2.25E+00	1.71E+00	5.12E+00	U
FH	03	750087001	10/23/2025	Cs-137	1.10E+00	1.81E+00	5.83E+00	U
FH	03	750087001	10/23/2025	Fe-59	0.00E+00	7.46E+00	1.30E+01	U
FH	03	750087001	10/23/2025	I-131	2.97E+00	4.20E+00	1.39E+01	U
FH	03	750087001	10/23/2025	K-40	3.03E+03	1.90E+02	4.87E+01	
FH	03	750087001	10/23/2025	La-140	2.10E-01	4.12E+00	1.27E+01	U
FH	03	750087001	10/23/2025	Mn-54	-1.64E+00	1.53E+00	4.72E+00	U
FH	03	750087001	10/23/2025	Nb-95	3.29E-01	1.71E+00	5.91E+00	U
FH	03	750087001	10/23/2025	Pb-212	-9.86E+00	4.33E+00	9.98E+00	U
FH	03	750087001	10/23/2025	Pb-214	-9.65E+00	5.36E+00	1.25E+01	U
FH	03	750087001	10/23/2025	Ra-226	-9.65E+00	5.36E+00	1.25E+01	U
FH	03	750087001	10/23/2025	Ru-103	-1.40E+00	1.74E+00	5.21E+00	U
FH	03	750087001	10/23/2025	Ru-106	1.18E+01	1.47E+01	4.79E+01	U
FH	03	750087001	10/23/2025	Sb-124	-1.06E+01	6.70E+00	1.05E+01	U
FH	03	750087001	10/23/2025	Sb-125	-2.36E+00	4.09E+00	1.27E+01	U
FH	03	750087001	10/23/2025	Se-75	2.77E+00	2.06E+00	6.83E+00	U
FH	03	750087001	10/23/2025	Th-228	-9.86E+00	4.33E+00	9.98E+00	U
FH	03	750087001	10/23/2025	Th-230	-9.65E+00	5.36E+00	1.25E+01	U
FH	03	750087001	10/23/2025	TL-208	-4.16E+00	2.51E+00	6.12E+00	U
FH	03	750087001	10/23/2025	Zn-65	5.29E+00	3.99E+00	1.38E+01	U
FH	03	750087001	10/23/2025	Zr-95	-2.64E+00	2.65E+00	8.29E+00	U
FH	03	748104001	9/8/2025	Ac-228	-1.64E+01	2.39E+01	6.85E+01	U
FH	03	748104001	9/8/2025	Ag-108m	1.62E+00	3.19E+00	1.05E+01	U
FH	03	748104001	9/8/2025	Ag-110m	1.84E+00	5.82E+00	2.01E+01	U
FH	03	748104001	9/8/2025	Ba-140	1.25E+02	2.65E+02	8.62E+02	U
FH	03	748104001	9/8/2025	Be-7	-1.11E+02	6.68E+01	1.77E+02	U
FH	03	748104001	9/8/2025	Bi-214	1.77E+01	1.93E+01	3.55E+01	U
FH	03	748104001	9/8/2025	Ce-141	-1.41E+01	1.60E+01	5.22E+01	U
FH	03	748104001	9/8/2025	Ce-144	-2.91E+01	2.83E+01	7.46E+01	U
FH	03	748104001	9/8/2025	Co-57	-2.68E+00	3.03E+00	9.95E+00	U
FH	03	748104001	9/8/2025	Co-58	-6.76E+00	6.10E+00	1.88E+01	U
FH	03	748104001	9/8/2025	Co-60	9.81E-01	5.26E+00	1.48E+01	U
FH	03	748104001	9/8/2025	Cr-51	-1.32E+02	1.15E+02	3.46E+02	U
FH	03	748104001	9/8/2025	Cs-134	-6.14E+00	4.42E+00	1.31E+01	U
FH	03	748104001	9/8/2025	Cs-137	-2.32E+00	4.04E+00	1.20E+01	U
FH	03	748104001	9/8/2025	Fe-59	-7.82E+00	1.24E+01	3.83E+01	U
FH	03	748104001	9/8/2025	I-131	-8.30E+01	4.15E+02	1.34E+03	U
FH	03	748104001	9/8/2025	K-40	2.58E+03	2.19E+02	1.15E+02	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	03	748104001	9/8/2025	La-140	-1.11E+02	1.01E+02	2.82E+02	U
FH	03	748104001	9/8/2025	Mn-54	-1.52E+00	3.78E+00	1.25E+01	U
FH	03	748104001	9/8/2025	Nb-95	-4.51E-01	6.10E+00	2.09E+01	U
FH	03	748104001	9/8/2025	Pb-212	5.33E+00	1.52E+01	2.74E+01	U
FH	03	748104001	9/8/2025	Pb-214	1.28E+01	1.58E+01	3.55E+01	U
FH	03	748104001	9/8/2025	Ra-226	1.28E+01	1.58E+01	3.55E+01	U
FH	03	748104001	9/8/2025	Ru-103	-4.10E+00	8.50E+00	2.62E+01	U
FH	03	748104001	9/8/2025	Ru-106	1.98E+01	3.45E+01	1.12E+02	U
FH	03	748104001	9/8/2025	Sb-124	-5.93E+01	2.99E+01	4.36E+01	U
FH	03	748104001	9/8/2025	Sb-125	1.90E+01	1.19E+01	3.86E+01	U
FH	03	748104001	9/8/2025	Se-75	1.15E+00	6.09E+00	2.04E+01	U
FH	03	748104001	9/8/2025	Th-228	5.33E+00	1.52E+01	2.74E+01	U
FH	03	748104001	9/8/2025	Th-230	1.28E+01	1.58E+01	3.55E+01	U
FH	03	748104001	9/8/2025	TL-208	-6.99E+00	5.91E+00	1.54E+01	U
FH	03	748104001	9/8/2025	Zn-65	2.37E+00	8.02E+00	2.75E+01	U
FH	03	748104001	9/8/2025	Zr-95	-3.52E+00	1.03E+01	3.45E+01	U
FH	03	727761001	5/28/2025	Ac-228	2.20E+01	1.35E+01	2.93E+01	U
FH	03	727761001	5/28/2025	Ag-108m	3.48E-01	1.19E+00	4.05E+00	U
FH	03	727761001	5/28/2025	Ag-110m	-1.74E+00	2.38E+00	7.11E+00	U
FH	03	727761001	5/28/2025	Ba-140	4.34E+00	1.06E+01	3.55E+01	U
FH	03	727761001	5/28/2025	Be-7	-7.05E+00	1.42E+01	4.61E+01	U
FH	03	727761001	5/28/2025	Bi-214	-7.98E-01	4.08E+00	1.22E+01	U
FH	03	727761001	5/28/2025	Ce-141	-2.91E+00	3.02E+00	8.09E+00	U
FH	03	727761001	5/28/2025	Ce-144	1.63E+01	8.72E+00	2.74E+01	U
FH	03	727761001	5/28/2025	Co-57	4.54E-01	1.10E+00	3.63E+00	U
FH	03	727761001	5/28/2025	Co-58	-2.13E+00	1.91E+00	5.50E+00	U
FH	03	727761001	5/28/2025	Co-60	9.75E-02	1.84E+00	6.12E+00	U
FH	03	727761001	5/28/2025	Cr-51	1.50E+00	1.29E+01	4.44E+01	U
FH	03	727761001	5/28/2025	Cs-134	-1.44E-01	1.80E+00	5.75E+00	U
FH	03	727761001	5/28/2025	Cs-137	3.27E+00	1.91E+00	6.24E+00	U
FH	03	727761001	5/28/2025	Fe-59	-1.15E-01	4.38E+00	1.47E+01	U
FH	03	727761001	5/28/2025	I-131	1.26E+00	4.07E+00	1.40E+01	U
FH	03	727761001	5/28/2025	K-40	3.71E+03	2.12E+02	4.08E+01	
FH	03	727761001	5/28/2025	La-140	6.51E-01	3.01E+00	1.01E+01	U
FH	03	727761001	5/28/2025	Mn-54	7.84E-01	1.58E+00	5.20E+00	U
FH	03	727761001	5/28/2025	Nb-95	-2.04E+00	2.13E+00	5.46E+00	U
FH	03	727761001	5/28/2025	Pb-212	1.01E+01	6.05E+00	1.08E+01	U
FH	03	727761001	5/28/2025	Pb-214	-1.39E+00	3.76E+00	1.08E+01	U
FH	03	727761001	5/28/2025	Ra-226	-1.39E+00	3.76E+00	1.08E+01	U
FH	03	727761001	5/28/2025	Ru-103	-5.04E-01	1.60E+00	5.23E+00	U
FH	03	727761001	5/28/2025	Ru-106	5.68E+00	1.25E+01	4.19E+01	U
FH	03	727761001	5/28/2025	Sb-124	1.93E+00	3.56E+00	1.22E+01	U
FH	03	727761001	5/28/2025	Sb-125	-4.95E-01	3.17E+00	1.06E+01	U
FH	03	727761001	5/28/2025	Se-75	3.02E+00	2.61E+00	5.28E+00	U
FH	03	727761001	5/28/2025	Th-228	1.01E+01	6.05E+00	1.08E+01	U
FH	03	727761001	5/28/2025	Th-230	-1.39E+00	3.76E+00	1.08E+01	U
FH	03	727761001	5/28/2025	TL-208	3.47E-01	3.75E+00	4.44E+00	U
FH	03	727761001	5/28/2025	Zn-65	4.30E+00	4.18E+00	1.44E+01	U
FH	03	727761001	5/28/2025	Zr-95	3.93E+00	3.32E+00	1.10E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	03	741248001	8/25/2025	Ac-228	8.96E+00	1.86E+01	6.49E+01	U
FH	03	741248001	8/25/2025	Ag-108m	2.10E+00	3.81E+00	1.31E+01	U
FH	03	741248001	8/25/2025	Ag-110m	-1.29E+01	6.35E+00	1.07E+01	U
FH	03	741248001	8/25/2025	Ba-140	2.27E+01	6.00E+01	2.05E+02	U
FH	03	741248001	8/25/2025	Be-7	1.35E+01	8.65E+01	1.25E+02	U
FH	03	741248001	8/25/2025	Bi-214	-1.52E+01	9.21E+00	2.23E+01	U
FH	03	741248001	8/25/2025	Ce-141	-6.34E+00	9.75E+00	3.00E+01	U
FH	03	741248001	8/25/2025	Ce-144	-2.36E+01	2.15E+01	6.20E+01	U
FH	03	741248001	8/25/2025	Co-57	8.24E-01	2.54E+00	8.57E+00	U
FH	03	741248001	8/25/2025	Co-58	2.49E+00	6.03E+00	2.11E+01	U
FH	03	741248001	8/25/2025	Co-60	-3.15E+00	6.31E+00	1.86E+01	U
FH	03	741248001	8/25/2025	Cr-51	-9.84E+00	6.19E+01	2.07E+02	U
FH	03	741248001	8/25/2025	Cs-134	-8.48E+00	5.89E+00	1.57E+01	U
FH	03	741248001	8/25/2025	Cs-137	-4.14E+00	4.44E+00	1.19E+01	U
FH	03	741248001	8/25/2025	Fe-59	-7.11E+00	1.66E+01	5.09E+01	U
FH	03	741248001	8/25/2025	I-131	4.26E+01	5.23E+01	1.86E+02	U
FH	03	741248001	8/25/2025	K-40	3.62E+03	3.03E+02	1.47E+02	
FH	03	741248001	8/25/2025	La-140	-9.22E+00	2.88E+01	8.98E+01	U
FH	03	741248001	8/25/2025	Mn-54	-1.80E+00	4.52E+00	1.44E+01	U
FH	03	741248001	8/25/2025	Nb-95	-2.82E+00	4.83E+00	1.49E+01	U
FH	03	741248001	8/25/2025	Pb-212	7.87E+00	8.90E+00	1.96E+01	U
FH	03	741248001	8/25/2025	Pb-214	1.93E+01	1.39E+01	3.46E+01	U
FH	03	741248001	8/25/2025	Ra-226	1.93E+01	1.39E+01	3.46E+01	U
FH	03	741248001	8/25/2025	Ru-103	-1.25E+01	6.89E+00	1.53E+01	U
FH	03	741248001	8/25/2025	Ru-106	3.40E+01	3.76E+01	1.23E+02	U
FH	03	741248001	8/25/2025	Sb-124	-5.78E+00	5.93E+00	0.00E+00	U
FH	03	741248001	8/25/2025	Sb-125	1.43E+01	1.05E+01	3.76E+01	U
FH	03	741248001	8/25/2025	Se-75	4.94E+00	6.22E+00	2.04E+01	U
FH	03	741248001	8/25/2025	Th-228	7.87E+00	8.90E+00	1.96E+01	U
FH	03	741248001	8/25/2025	Th-230	1.93E+01	1.39E+01	3.46E+01	U
FH	03	741248001	8/25/2025	TL-208	-6.74E+00	4.96E+00	1.42E+01	U
FH	03	741248001	8/25/2025	Zn-65	1.52E+00	1.26E+01	4.16E+01	U
FH	03	741248001	8/25/2025	Zr-95	-5.75E+00	8.00E+00	2.37E+01	U
FH	03	756816001	12/9/2025	Ac-228	-7.36E+00	2.15E+01	6.99E+01	U
FH	03	756816001	12/9/2025	Ag-108m	8.93E-01	4.12E+00	1.36E+01	U
FH	03	756816001	12/9/2025	Ag-110m	-4.51E-01	3.72E+00	1.12E+01	U
FH	03	756816001	12/9/2025	Ba-140	-6.71E+01	7.13E+01	1.96E+02	U
FH	03	756816001	12/9/2025	Be-7	-3.71E+01	5.34E+01	1.59E+02	U
FH	03	756816001	12/9/2025	Bi-214	-9.01E+00	1.29E+01	4.12E+01	U
FH	03	756816001	12/9/2025	Ce-141	-1.03E+00	8.86E+00	3.02E+01	U
FH	03	756816001	12/9/2025	Ce-144	3.34E+00	1.74E+01	6.05E+01	U
FH	03	756816001	12/9/2025	Co-57	1.21E+00	2.74E+00	9.63E+00	U
FH	03	756816001	12/9/2025	Co-58	-1.38E+01	7.84E+00	1.66E+01	U
FH	03	756816001	12/9/2025	Co-60	-1.18E+00	4.37E+00	1.40E+01	U
FH	03	756816001	12/9/2025	Cr-51	7.47E+00	6.73E+01	2.25E+02	U
FH	03	756816001	12/9/2025	Cs-134	-3.45E+00	5.86E+00	1.68E+01	U
FH	03	756816001	12/9/2025	Cs-137	3.18E+00	5.08E+00	1.71E+01	U
FH	03	756816001	12/9/2025	Fe-59	1.29E+01	1.11E+01	4.24E+01	U
FH	03	756816001	12/9/2025	I-131	2.04E+01	5.00E+01	1.70E+02	U
FH	03	756816001	12/9/2025	K-40	3.49E+03	2.97E+02	1.20E+02	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	03	756816001	12/9/2025	La-140	-1.77E+01	1.96E+01	4.67E+01	U
FH	03	756816001	12/9/2025	Mn-54	0.00E+00	5.54E+00	1.13E+01	U
FH	03	756816001	12/9/2025	Nb-95	2.57E-01	6.51E+00	2.06E+01	U
FH	03	756816001	12/9/2025	Pb-212	1.57E+01	1.24E+01	3.04E+01	U
FH	03	756816001	12/9/2025	Pb-214	-2.75E+00	1.20E+01	3.72E+01	U
FH	03	756816001	12/9/2025	Ra-226	-2.75E+00	1.20E+01	3.72E+01	U
FH	03	756816001	12/9/2025	Ru-103	-1.62E+00	6.31E+00	1.98E+01	U
FH	03	756816001	12/9/2025	Ru-106	-2.76E+01	4.59E+01	1.35E+02	U
FH	03	756816001	12/9/2025	Sb-124	-1.63E+01	1.28E+01	2.53E+01	U
FH	03	756816001	12/9/2025	Sb-125	-7.26E+00	1.22E+01	3.74E+01	U
FH	03	756816001	12/9/2025	Se-75	-4.58E+00	6.21E+00	1.95E+01	U
FH	03	756816001	12/9/2025	Th-228	1.57E+01	1.24E+01	3.04E+01	U
FH	03	756816001	12/9/2025	Th-230	-2.75E+00	1.20E+01	3.72E+01	U
FH	03	756816001	12/9/2025	TL-208	0.00E+00	8.16E+00	1.24E+01	U
FH	03	756816001	12/9/2025	Zn-65	2.55E+00	1.03E+01	3.26E+01	U
FH	03	756816001	12/9/2025	Zr-95	-8.76E-01	1.29E+01	4.03E+01	U
FH	53	714646001	2/27/2025	Ac-228	1.51E+01	5.07E+01	1.74E+02	U
FH	53	714646001	2/27/2025	Ag-108m	-6.80E+00	7.97E+00	2.32E+01	U
FH	53	714646001	2/27/2025	Ag-110m	2.31E+01	2.14E+01	5.78E+01	U
FH	53	714646001	2/27/2025	Ba-140	7.78E+00	2.68E+02	8.53E+02	U
FH	53	714646001	2/27/2025	Be-7	1.34E+02	1.47E+02	4.88E+02	U
FH	53	714646001	2/27/2025	Bi-214	-5.29E+01	2.75E+01	6.73E+01	U
FH	53	714646001	2/27/2025	Ce-141	4.30E+00	2.67E+01	9.02E+01	U
FH	53	714646001	2/27/2025	Ce-144	-4.83E+00	4.60E+01	1.54E+02	U
FH	53	714646001	2/27/2025	Co-57	1.84E+01	7.85E+00	2.11E+01	U
FH	53	714646001	2/27/2025	Co-58	1.15E+01	1.47E+01	5.14E+01	U
FH	53	714646001	2/27/2025	Co-60	2.06E+01	1.29E+01	4.60E+01	U
FH	53	714646001	2/27/2025	Cr-51	1.11E+02	2.22E+02	7.39E+02	U
FH	53	714646001	2/27/2025	Cs-134	7.94E+00	1.06E+01	3.74E+01	U
FH	53	714646001	2/27/2025	Cs-137	1.24E+01	1.03E+01	3.64E+01	U
FH	53	714646001	2/27/2025	Fe-59	-1.82E+01	4.74E+01	1.50E+02	U
FH	53	714646001	2/27/2025	I-131	2.23E+02	3.04E+02	1.02E+03	U
FH	53	714646001	2/27/2025	K-40	3.17E+03	4.02E+02	3.09E+02	
FH	53	714646001	2/27/2025	La-140	1.23E+02	9.73E+01	3.65E+02	U
FH	53	714646001	2/27/2025	Mn-54	-7.88E-02	1.00E+01	2.94E+01	U
FH	53	714646001	2/27/2025	Nb-95	0.00E+00	1.70E+01	2.97E+01	U
FH	53	714646001	2/27/2025	Pb-212	-9.35E+00	1.95E+01	6.27E+01	U
FH	53	714646001	2/27/2025	Pb-214	3.94E+01	4.20E+01	7.66E+01	U
FH	53	714646001	2/27/2025	Ra-226	3.94E+01	4.20E+01	7.66E+01	U
FH	53	714646001	2/27/2025	Ru-103	9.17E-01	1.57E+01	5.02E+01	U
FH	53	714646001	2/27/2025	Ru-106	-3.32E+01	9.87E+01	2.83E+02	U
FH	53	714646001	2/27/2025	Sb-124	-6.19E+00	3.33E+01	1.09E+02	U
FH	53	714646001	2/27/2025	Sb-125	2.70E+01	2.49E+01	8.37E+01	U
FH	53	714646001	2/27/2025	Se-75	-1.16E+00	1.50E+01	4.90E+01	U
FH	53	714646001	2/27/2025	Th-228	-9.35E+00	1.95E+01	6.27E+01	U
FH	53	714646001	2/27/2025	Th-230	3.94E+01	4.20E+01	7.66E+01	U
FH	53	714646001	2/27/2025	TL-208	9.74E+00	1.23E+01	4.13E+01	U
FH	53	714646001	2/27/2025	Zn-65	1.72E+01	2.77E+01	9.49E+01	U
FH	53	714646001	2/27/2025	Zr-95	-2.84E+01	3.03E+01	9.19E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	53	727761002	6/4/2025	Ac-228	6.91E-01	1.49E+01	4.53E+01	U
FH	53	727761002	6/4/2025	Ag-108m	1.95E+00	1.85E+00	6.58E+00	U
FH	53	727761002	6/4/2025	Ag-110m	7.57E+00	7.65E+00	1.27E+01	U
FH	53	727761002	6/4/2025	Ba-140	-1.47E+01	1.27E+01	3.66E+01	U
FH	53	727761002	6/4/2025	Be-7	1.13E+00	2.09E+01	7.09E+01	U
FH	53	727761002	6/4/2025	Bi-214	-3.02E+00	6.29E+00	2.00E+01	U
FH	53	727761002	6/4/2025	Ce-141	9.67E+00	6.73E+00	1.16E+01	U
FH	53	727761002	6/4/2025	Ce-144	-7.90E+00	1.58E+01	5.07E+01	U
FH	53	727761002	6/4/2025	Co-57	-2.89E+00	2.09E+00	6.09E+00	U
FH	53	727761002	6/4/2025	Co-58	3.41E+00	2.91E+00	1.01E+01	U
FH	53	727761002	6/4/2025	Co-60	-6.85E-02	3.75E+00	1.25E+01	U
FH	53	727761002	6/4/2025	Cr-51	-1.24E+01	2.40E+01	7.16E+01	U
FH	53	727761002	6/4/2025	Cs-134	1.58E+00	3.15E+00	1.06E+01	U
FH	53	727761002	6/4/2025	Cs-137	-9.12E-01	3.16E+00	1.02E+01	U
FH	53	727761002	6/4/2025	Fe-59	6.08E+00	7.33E+00	2.60E+01	U
FH	53	727761002	6/4/2025	I-131	-3.06E+00	4.13E+00	1.33E+01	U
FH	53	727761002	6/4/2025	K-40	3.41E+03	2.49E+02	5.05E+01	
FH	53	727761002	6/4/2025	La-140	1.44E+00	3.74E+00	1.31E+01	U
FH	53	727761002	6/4/2025	Mn-54	3.76E+00	2.84E+00	9.27E+00	U
FH	53	727761002	6/4/2025	Nb-95	-1.72E+00	2.99E+00	9.13E+00	U
FH	53	727761002	6/4/2025	Pb-212	8.21E-01	5.27E+00	1.60E+01	U
FH	53	727761002	6/4/2025	Pb-214	0.00E+00	1.19E+01	2.41E+01	U
FH	53	727761002	6/4/2025	Ra-226	0.00E+00	1.19E+01	2.41E+01	U
FH	53	727761002	6/4/2025	Ru-103	-1.08E+00	2.77E+00	9.04E+00	U
FH	53	727761002	6/4/2025	Ru-106	1.20E+01	2.24E+01	7.70E+01	U
FH	53	727761002	6/4/2025	Sb-124	7.96E-01	5.39E+00	1.81E+01	U
FH	53	727761002	6/4/2025	Sb-125	-2.32E-01	6.22E+00	2.11E+01	U
FH	53	727761002	6/4/2025	Se-75	-1.98E+00	3.16E+00	9.49E+00	U
FH	53	727761002	6/4/2025	Th-228	8.21E-01	5.27E+00	1.60E+01	U
FH	53	727761002	6/4/2025	Th-230	0.00E+00	1.19E+01	2.41E+01	U
FH	53	727761002	6/4/2025	TL-208	-6.70E+00	3.87E+00	1.04E+01	U
FH	53	727761002	6/4/2025	Zn-65	1.58E+00	6.77E+00	2.34E+01	U
FH	53	727761002	6/4/2025	Zr-95	-2.65E+00	4.92E+00	1.51E+01	U
FH	53	741248002	8/27/2025	Ac-228	-1.77E+01	1.35E+01	3.66E+01	U
FH	53	741248002	8/27/2025	Ag-108m	3.19E+00	2.64E+00	9.25E+00	U
FH	53	741248002	8/27/2025	Ag-110m	7.80E+00	4.44E+00	1.61E+01	U
FH	53	741248002	8/27/2025	Ba-140	1.18E+01	4.10E+01	1.39E+02	U
FH	53	741248002	8/27/2025	Be-7	2.44E+01	3.31E+01	1.15E+02	U
FH	53	741248002	8/27/2025	Bi-214	1.19E+01	1.05E+01	2.59E+01	U
FH	53	741248002	8/27/2025	Ce-141	-1.11E+01	8.10E+00	2.24E+01	U
FH	53	741248002	8/27/2025	Ce-144	-2.48E+01	1.88E+01	5.11E+01	U
FH	53	741248002	8/27/2025	Co-57	-2.77E+00	2.64E+00	7.63E+00	U
FH	53	741248002	8/27/2025	Co-58	2.80E+00	3.97E+00	1.36E+01	U
FH	53	741248002	8/27/2025	Co-60	5.99E+00	3.99E+00	1.48E+01	U
FH	53	741248002	8/27/2025	Cr-51	-1.97E+01	3.43E+01	1.09E+02	U
FH	53	741248002	8/27/2025	Cs-134	6.95E+00	3.28E+00	1.20E+01	U
FH	53	741248002	8/27/2025	Cs-137	-3.13E+00	3.08E+00	8.43E+00	U
FH	53	741248002	8/27/2025	Fe-59	1.16E-01	1.13E+01	3.35E+01	U
FH	53	741248002	8/27/2025	I-131	3.75E+01	3.62E+01	1.27E+02	U
FH	53	741248002	8/27/2025	K-40	4.04E+03	2.90E+02	9.42E+01	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	53	741248002	8/27/2025	La-140	-1.33E+01	1.58E+01	4.05E+01	U
FH	53	741248002	8/27/2025	Mn-54	5.05E-01	3.20E+00	1.04E+01	U
FH	53	741248002	8/27/2025	Nb-95	6.65E-01	4.22E+00	1.38E+01	U
FH	53	741248002	8/27/2025	Pb-212	-4.86E+00	5.26E+00	1.72E+01	U
FH	53	741248002	8/27/2025	Pb-214	6.36E-01	1.01E+01	2.38E+01	U
FH	53	741248002	8/27/2025	Ra-226	6.36E-01	1.01E+01	2.38E+01	U
FH	53	741248002	8/27/2025	Ru-103	1.81E-01	5.02E+00	1.66E+01	U
FH	53	741248002	8/27/2025	Ru-106	-3.33E+01	2.71E+01	7.11E+01	U
FH	53	741248002	8/27/2025	Sb-124	-7.83E+00	9.11E+00	2.31E+01	U
FH	53	741248002	8/27/2025	Sb-125	6.94E+00	8.99E+00	3.07E+01	U
FH	53	741248002	8/27/2025	Se-75	-6.65E+00	4.21E+00	1.18E+01	U
FH	53	741248002	8/27/2025	Th-228	-4.86E+00	5.26E+00	1.72E+01	U
FH	53	741248002	8/27/2025	Th-230	6.36E-01	1.01E+01	2.38E+01	U
FH	53	741248002	8/27/2025	TL-208	9.29E-01	3.14E+00	9.10E+00	U
FH	53	741248002	8/27/2025	Zn-65	-1.26E+01	9.80E+00	2.71E+01	U
FH	53	741248002	8/27/2025	Zr-95	1.18E+00	8.78E+00	2.55E+01	U
FH	53	754660001	11/20/2025	Ac-228	1.44E+00	8.68E+00	2.68E+01	U
FH	53	754660001	11/20/2025	Ag-108m	1.08E+00	1.48E+00	4.98E+00	U
FH	53	754660001	11/20/2025	Ag-110m	1.58E+00	2.34E+00	8.32E+00	U
FH	53	754660001	11/20/2025	Ba-140	2.53E+01	1.23E+01	4.13E+01	U
FH	53	754660001	11/20/2025	Be-7	-2.14E+01	1.44E+01	3.73E+01	U
FH	53	754660001	11/20/2025	Bi-214	-8.00E-01	4.88E+00	1.38E+01	U
FH	53	754660001	11/20/2025	Ce-141	-2.29E+00	2.62E+00	8.52E+00	U
FH	53	754660001	11/20/2025	Ce-144	1.04E+01	9.49E+00	3.32E+01	U
FH	53	754660001	11/20/2025	Co-57	-1.85E+00	1.21E+00	3.65E+00	U
FH	53	754660001	11/20/2025	Co-58	-2.36E+00	1.70E+00	4.75E+00	U
FH	53	754660001	11/20/2025	Co-60	2.66E+00	1.96E+00	7.08E+00	U
FH	53	754660001	11/20/2025	Cr-51	7.19E+00	1.39E+01	4.74E+01	U
FH	53	754660001	11/20/2025	Cs-134	1.34E+00	1.94E+00	6.90E+00	U
FH	53	754660001	11/20/2025	Cs-137	-4.60E-01	2.05E+00	6.14E+00	U
FH	53	754660001	11/20/2025	Fe-59	1.39E+01	7.71E+00	1.57E+01	U
FH	53	754660001	11/20/2025	I-131	7.66E-02	4.85E+00	1.60E+01	U
FH	53	754660001	11/20/2025	K-40	3.60E+03	2.19E+02	3.58E+01	
FH	53	754660001	11/20/2025	La-140	-6.11E+00	4.15E+00	9.13E+00	U
FH	53	754660001	11/20/2025	Mn-54	2.10E+00	1.61E+00	5.81E+00	U
FH	53	754660001	11/20/2025	Nb-95	7.60E-01	1.75E+00	5.67E+00	U
FH	53	754660001	11/20/2025	Pb-212	-4.72E+00	3.56E+00	1.08E+01	U
FH	53	754660001	11/20/2025	Pb-214	1.10E+00	3.69E+00	1.26E+01	U
FH	53	754660001	11/20/2025	Ra-226	1.10E+00	3.69E+00	1.26E+01	U
FH	53	754660001	11/20/2025	Ru-103	2.11E-01	1.76E+00	5.71E+00	U
FH	53	754660001	11/20/2025	Ru-106	7.07E+00	1.32E+01	4.37E+01	U
FH	53	754660001	11/20/2025	Sb-124	-1.03E+00	3.10E+00	9.25E+00	U
FH	53	754660001	11/20/2025	Sb-125	1.18E-01	3.84E+00	1.25E+01	U
FH	53	754660001	11/20/2025	Se-75	2.82E-01	1.83E+00	6.17E+00	U
FH	53	754660001	11/20/2025	Th-228	-4.72E+00	3.56E+00	1.08E+01	U
FH	53	754660001	11/20/2025	Th-230	1.10E+00	3.69E+00	1.26E+01	U
FH	53	754660001	11/20/2025	TL-208	2.89E+00	2.51E+00	4.40E+00	U
FH	53	754660001	11/20/2025	Zn-65	-6.58E+00	4.34E+00	1.15E+01	U
FH	53	754660001	11/20/2025	Zr-95	-1.64E+00	3.46E+00	1.02E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
HA	04	727759001	5/29/2025	Ac-228	-1.71E+01	1.40E+01	3.73E+01	U
HA	04	727759001	5/29/2025	Ag-108m	1.08E+00	2.14E+00	7.41E+00	U
HA	04	727759001	5/29/2025	Ag-110m	-7.61E+00	4.66E+00	1.19E+01	U
HA	04	727759001	5/29/2025	Ba-140	-2.28E+01	1.61E+01	4.52E+01	U
HA	04	727759001	5/29/2025	Be-7	5.99E+00	2.25E+01	7.69E+01	U
HA	04	727759001	5/29/2025	Bi-214	1.51E+01	1.11E+01	2.08E+01	U
HA	04	727759001	5/29/2025	Ce-141	-4.31E+00	5.30E+00	1.52E+01	U
HA	04	727759001	5/29/2025	Ce-144	-6.74E+00	1.44E+01	4.65E+01	U
HA	04	727759001	5/29/2025	Co-57	-7.70E-01	1.76E+00	5.71E+00	U
HA	04	727759001	5/29/2025	Co-58	-1.35E-01	2.93E+00	8.43E+00	U
HA	04	727759001	5/29/2025	Co-60	1.71E+00	2.57E+00	9.10E+00	U
HA	04	727759001	5/29/2025	Cr-51	-1.67E+01	2.73E+01	8.13E+01	U
HA	04	727759001	5/29/2025	Cs-134	-4.43E+00	3.06E+00	8.09E+00	U
HA	04	727759001	5/29/2025	Cs-137	3.75E+00	2.98E+00	1.02E+01	U
HA	04	727759001	5/29/2025	Fe-59	-4.42E+00	7.41E+00	2.39E+01	U
HA	04	727759001	5/29/2025	I-131	-5.31E+00	6.59E+00	2.13E+01	U
HA	04	727759001	5/29/2025	K-40	2.87E+03	2.10E+02	6.00E+01	
HA	04	727759001	5/29/2025	La-140	4.48E+00	5.10E+00	1.85E+01	U
HA	04	727759001	5/29/2025	Mn-54	-5.08E+00	2.83E+00	6.80E+00	U
HA	04	727759001	5/29/2025	Nb-95	-1.04E+00	2.66E+00	8.36E+00	U
HA	04	727759001	5/29/2025	Pb-212	-2.68E+00	5.43E+00	1.52E+01	U
HA	04	727759001	5/29/2025	Pb-214	1.52E+01	1.25E+01	2.18E+01	U
HA	04	727759001	5/29/2025	Ra-226	1.52E+01	1.25E+01	2.18E+01	U
HA	04	727759001	5/29/2025	Ru-103	5.63E+00	2.88E+00	9.74E+00	U
HA	04	727759001	5/29/2025	Ru-106	-3.05E+01	2.44E+01	7.04E+01	U
HA	04	727759001	5/29/2025	Sb-124	1.43E+00	6.90E+00	2.32E+01	U
HA	04	727759001	5/29/2025	Sb-125	-1.66E-01	5.90E+00	2.00E+01	U
HA	04	727759001	5/29/2025	Se-75	8.31E+00	3.84E+00	1.12E+01	U
HA	04	727759001	5/29/2025	Th-228	-2.68E+00	5.43E+00	1.52E+01	U
HA	04	727759001	5/29/2025	Th-230	1.52E+01	1.25E+01	2.18E+01	U
HA	04	727759001	5/29/2025	TL-208	8.75E-01	4.74E+00	8.71E+00	U
HA	04	727759001	5/29/2025	Zn-65	-2.12E+00	6.24E+00	2.05E+01	U
HA	04	727759001	5/29/2025	Zr-95	2.30E+00	4.52E+00	1.53E+01	U
HA	04	754652001	11/20/2025	Ac-228	-1.26E+01	1.06E+01	3.16E+01	U
HA	04	754652001	11/20/2025	Ag-108m	4.42E+00	2.74E+00	4.75E+00	U
HA	04	754652001	11/20/2025	Ag-110m	-1.56E+00	2.72E+00	8.71E+00	U
HA	04	754652001	11/20/2025	Ba-140	1.49E+01	1.39E+01	4.70E+01	U
HA	04	754652001	11/20/2025	Be-7	3.54E+00	1.52E+01	4.99E+01	U
HA	04	754652001	11/20/2025	Bi-214	7.05E+00	8.26E+00	1.18E+01	U
HA	04	754652001	11/20/2025	Ce-141	-4.90E+00	3.87E+00	1.20E+01	U
HA	04	754652001	11/20/2025	Ce-144	2.76E+01	2.00E+01	4.02E+01	U
HA	04	754652001	11/20/2025	Co-57	-1.92E+00	1.62E+00	5.10E+00	U
HA	04	754652001	11/20/2025	Co-58	8.92E-01	1.81E+00	6.42E+00	U
HA	04	754652001	11/20/2025	Co-60	4.19E+00	2.78E+00	9.90E+00	U
HA	04	754652001	11/20/2025	Cr-51	-1.66E+01	2.09E+01	6.42E+01	U
HA	04	754652001	11/20/2025	Cs-134	-1.33E+00	1.99E+00	6.32E+00	U
HA	04	754652001	11/20/2025	Cs-137	-4.14E-01	1.93E+00	5.90E+00	U
HA	04	754652001	11/20/2025	Fe-59	1.84E+00	5.48E+00	1.88E+01	U
HA	04	754652001	11/20/2025	I-131	-4.35E+00	6.59E+00	1.86E+01	U
HA	04	754652001	11/20/2025	K-40	2.00E+03	1.56E+02	5.66E+01	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
HA	04	754652001	11/20/2025	La-140	-5.98E+00	5.45E+00	1.43E+01	U
HA	04	754652001	11/20/2025	Mn-54	8.21E-01	2.05E+00	7.20E+00	U
HA	04	754652001	11/20/2025	Nb-95	-3.28E+00	2.74E+00	6.89E+00	U
HA	04	754652001	11/20/2025	Pb-212	8.98E-01	4.44E+00	1.43E+01	U
HA	04	754652001	11/20/2025	Pb-214	7.78E-01	5.59E+00	1.80E+01	U
HA	04	754652001	11/20/2025	Ra-226	7.78E-01	5.59E+00	1.80E+01	U
HA	04	754652001	11/20/2025	Ru-103	1.64E+00	2.28E+00	7.61E+00	U
HA	04	754652001	11/20/2025	Ru-106	-1.22E+01	1.83E+01	5.34E+01	U
HA	04	754652001	11/20/2025	Sb-124	3.64E+00	4.74E+00	1.71E+01	U
HA	04	754652001	11/20/2025	Sb-125	-7.42E+00	5.45E+00	1.49E+01	U
HA	04	754652001	11/20/2025	Se-75	1.55E+00	2.62E+00	8.89E+00	U
HA	04	754652001	11/20/2025	Th-228	8.98E-01	4.44E+00	1.43E+01	U
HA	04	754652001	11/20/2025	Th-230	7.78E-01	5.59E+00	1.80E+01	U
HA	04	754652001	11/20/2025	TL-208	3.02E-01	2.62E+00	7.85E+00	U
HA	04	754652001	11/20/2025	Zn-65	-3.75E+00	4.88E+00	1.28E+01	U
HA	04	754652001	11/20/2025	Zr-95	1.81E-01	3.59E+00	1.24E+01	U
HA	54	727759002	5/29/2025	Ac-228	-1.96E+01	1.12E+01	2.37E+01	U
HA	54	727759002	5/29/2025	Ag-108m	8.76E-01	2.75E+00	5.07E+00	U
HA	54	727759002	5/29/2025	Ag-110m	2.93E+00	3.12E+00	8.41E+00	U
HA	54	727759002	5/29/2025	Ba-140	-7.97E+00	1.20E+01	3.80E+01	U
HA	54	727759002	5/29/2025	Be-7	-1.10E+01	1.53E+01	4.88E+01	U
HA	54	727759002	5/29/2025	Bi-214	-8.79E-01	5.04E+00	1.37E+01	U
HA	54	727759002	5/29/2025	Ce-141	-2.42E+00	2.83E+00	8.70E+00	U
HA	54	727759002	5/29/2025	Ce-144	-3.48E+00	9.13E+00	2.92E+01	U
HA	54	727759002	5/29/2025	Co-57	4.09E-01	1.20E+00	3.96E+00	U
HA	54	727759002	5/29/2025	Co-58	2.30E+00	2.13E+00	7.07E+00	U
HA	54	727759002	5/29/2025	Co-60	2.84E+00	1.65E+00	5.85E+00	U
HA	54	727759002	5/29/2025	Cr-51	-3.35E+01	1.77E+01	5.01E+01	U
HA	54	727759002	5/29/2025	Cs-134	1.92E+00	2.00E+00	6.68E+00	U
HA	54	727759002	5/29/2025	Cs-137	7.76E-01	1.77E+00	5.92E+00	U
HA	54	727759002	5/29/2025	Fe-59	-6.93E-01	4.07E+00	1.37E+01	U
HA	54	727759002	5/29/2025	I-131	-1.04E+01	5.17E+00	1.41E+01	U
HA	54	727759002	5/29/2025	K-40	2.39E+03	1.46E+02	4.90E+01	
HA	54	727759002	5/29/2025	La-140	6.08E+00	5.08E+00	1.10E+01	U
HA	54	727759002	5/29/2025	Mn-54	6.90E-01	1.79E+00	5.87E+00	U
HA	54	727759002	5/29/2025	Nb-95	-3.71E-01	1.95E+00	6.23E+00	U
HA	54	727759002	5/29/2025	Pb-212	-8.77E+00	4.56E+00	9.85E+00	U
HA	54	727759002	5/29/2025	Pb-214	6.09E+00	3.63E+00	1.21E+01	U
HA	54	727759002	5/29/2025	Ra-226	6.09E+00	3.63E+00	1.21E+01	U
HA	54	727759002	5/29/2025	Ru-103	2.20E+00	1.91E+00	6.46E+00	U
HA	54	727759002	5/29/2025	Ru-106	2.02E+01	1.61E+01	5.41E+01	U
HA	54	727759002	5/29/2025	Sb-124	3.17E+00	3.71E+00	1.31E+01	U
HA	54	727759002	5/29/2025	Sb-125	2.69E+00	4.30E+00	1.41E+01	U
HA	54	727759002	5/29/2025	Se-75	2.94E+00	2.42E+00	7.61E+00	U
HA	54	727759002	5/29/2025	Th-228	-8.77E+00	4.56E+00	9.85E+00	U
HA	54	727759002	5/29/2025	Th-230	6.09E+00	3.63E+00	1.21E+01	U
HA	54	727759002	5/29/2025	TL-208	3.69E+00	3.14E+00	4.76E+00	U
HA	54	727759002	5/29/2025	Zn-65	-7.58E-01	4.43E+00	1.49E+01	U
HA	54	727759002	5/29/2025	Zr-95	-2.14E+00	3.43E+00	1.06E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
HA	54	755117001	12/1/2025	Ac-228	1.78E+01	1.37E+01	2.39E+01	U
HA	54	755117001	12/1/2025	Ag-108m	-1.28E+00	1.70E+00	5.19E+00	U
HA	54	755117001	12/1/2025	Ag-110m	-9.30E-01	2.41E+00	7.05E+00	U
HA	54	755117001	12/1/2025	Ba-140	4.96E+00	8.43E+00	2.87E+01	U
HA	54	755117001	12/1/2025	Be-7	3.72E+00	1.48E+01	4.96E+01	U
HA	54	755117001	12/1/2025	Bi-214	1.16E+01	8.69E+00	1.61E+01	U
HA	54	755117001	12/1/2025	Ce-141	-9.41E-01	3.13E+00	1.02E+01	U
HA	54	755117001	12/1/2025	Ce-144	3.41E+00	1.02E+01	3.41E+01	U
HA	54	755117001	12/1/2025	Co-57	-3.10E+00	1.94E+00	4.43E+00	U
HA	54	755117001	12/1/2025	Co-58	5.08E-01	1.92E+00	6.23E+00	U
HA	54	755117001	12/1/2025	Co-60	-4.65E-01	2.05E+00	6.64E+00	U
HA	54	755117001	12/1/2025	Cr-51	-9.85E+00	1.53E+01	4.86E+01	U
HA	54	755117001	12/1/2025	Cs-134	6.88E-02	2.09E+00	5.80E+00	U
HA	54	755117001	12/1/2025	Cs-137	-1.50E-01	1.99E+00	6.31E+00	U
HA	54	755117001	12/1/2025	Fe-59	-1.13E-01	3.97E+00	1.35E+01	U
HA	54	755117001	12/1/2025	I-131	4.06E-01	2.66E+00	8.99E+00	U
HA	54	755117001	12/1/2025	K-40	2.17E+03	1.62E+02	3.87E+01	
HA	54	755117001	12/1/2025	La-140	-2.01E+00	2.56E+00	6.83E+00	U
HA	54	755117001	12/1/2025	Mn-54	-2.50E+00	2.17E+00	5.61E+00	U
HA	54	755117001	12/1/2025	Nb-95	8.17E-01	2.14E+00	7.01E+00	U
HA	54	755117001	12/1/2025	Pb-212	2.07E+00	6.90E+00	1.26E+01	U
HA	54	755117001	12/1/2025	Pb-214	-5.00E+00	4.83E+00	1.43E+01	U
HA	54	755117001	12/1/2025	Ra-226	-5.00E+00	4.83E+00	1.43E+01	U
HA	54	755117001	12/1/2025	Ru-103	-9.12E-02	1.51E+00	4.91E+00	U
HA	54	755117001	12/1/2025	Ru-106	3.11E+01	1.35E+01	4.54E+01	U
HA	54	755117001	12/1/2025	Sb-124	1.68E+00	4.87E+00	1.69E+01	U
HA	54	755117001	12/1/2025	Sb-125	3.87E+00	3.48E+00	1.25E+01	U
HA	54	755117001	12/1/2025	Se-75	7.08E-01	2.23E+00	7.69E+00	U
HA	54	755117001	12/1/2025	Th-228	2.07E+00	6.90E+00	1.26E+01	U
HA	54	755117001	12/1/2025	Th-230	-5.00E+00	4.83E+00	1.43E+01	U
HA	54	755117001	12/1/2025	TL-208	2.00E+00	2.32E+00	7.83E+00	U
HA	54	755117001	12/1/2025	Zn-65	1.72E+00	3.96E+00	1.40E+01	U
HA	54	755117001	12/1/2025	Zr-95	5.83E+00	3.13E+00	1.13E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	06	726608001	5/28/2025	Ac-228	2.11E+01	1.08E+01	2.31E+01	U
MU	06	726608001	5/28/2025	Ag-108m	1.64E+00	1.23E+00	4.15E+00	U
MU	06	726608001	5/28/2025	Ag-110m	-2.75E+00	2.16E+00	5.86E+00	U
MU	06	726608001	5/28/2025	Ba-140	-3.69E+01	2.29E+01	6.28E+01	U
MU	06	726608001	5/28/2025	Be-7	1.39E+02	2.98E+01	4.79E+01	
MU	06	726608001	5/28/2025	Bi-214	0.00E+00	5.77E+00	8.79E+00	U
MU	06	726608001	5/28/2025	Ce-141	-6.08E+00	4.48E+00	1.17E+01	U
MU	06	726608001	5/28/2025	Ce-144	-2.11E+01	9.92E+00	2.50E+01	U
MU	06	726608001	5/28/2025	Co-57	9.50E-01	1.12E+00	3.64E+00	U
MU	06	726608001	5/28/2025	Co-58	5.49E-01	1.90E+00	5.41E+00	U
MU	06	726608001	5/28/2025	Co-60	-3.26E+00	1.70E+00	4.02E+00	U
MU	06	726608001	5/28/2025	Cr-51	1.89E+01	2.09E+01	7.18E+01	U
MU	06	726608001	5/28/2025	Cs-134	7.99E-01	1.60E+00	5.29E+00	U
MU	06	726608001	5/28/2025	Cs-137	4.24E-01	1.49E+00	4.92E+00	U
MU	06	726608001	5/28/2025	Fe-59	-2.27E+00	4.19E+00	1.35E+01	U
MU	06	726608001	5/28/2025	I-131	6.45E+00	1.53E+01	5.22E+01	U
MU	06	726608001	5/28/2025	K-40	1.46E+03	1.03E+02	4.22E+01	
MU	06	726608001	5/28/2025	La-140	1.22E+00	7.11E+00	2.37E+01	U
MU	06	726608001	5/28/2025	Mn-54	-1.76E+00	1.55E+00	4.38E+00	U
MU	06	726608001	5/28/2025	Nb-95	3.94E+00	2.67E+00	6.28E+00	U
MU	06	726608001	5/28/2025	Pb-212	7.98E+00	6.12E+00	1.08E+01	U
MU	06	726608001	5/28/2025	Pb-214	0.00E+00	8.31E+00	1.30E+01	U
MU	06	726608001	5/28/2025	Ra-226	0.00E+00	8.31E+00	1.30E+01	U
MU	06	726608001	5/28/2025	Ru-103	-2.22E+00	1.98E+00	5.91E+00	U
MU	06	726608001	5/28/2025	Ru-106	2.78E+00	1.26E+01	4.16E+01	U
MU	06	726608001	5/28/2025	Sb-124	3.46E+00	4.37E+00	1.52E+01	U
MU	06	726608001	5/28/2025	Sb-125	-2.39E+00	3.25E+00	1.03E+01	U
MU	06	726608001	5/28/2025	Se-75	-8.52E-01	1.87E+00	6.27E+00	U
MU	06	726608001	5/28/2025	Th-228	7.98E+00	6.12E+00	1.08E+01	U
MU	06	726608001	5/28/2025	Th-230	0.00E+00	8.31E+00	1.30E+01	U
MU	06	726608001	5/28/2025	TL-208	0.00E+00	2.46E+00	4.35E+00	U
MU	06	726608001	5/28/2025	Zn-65	1.23E+00	4.46E+00	1.39E+01	U
MU	06	726608001	5/28/2025	Zr-95	-5.35E-01	3.13E+00	9.96E+00	U
MU	06	754667001	11/20/2025	Ac-228	-1.22E+01	9.84E+00	2.96E+01	U
MU	06	754667001	11/20/2025	Ag-108m	1.28E+00	1.44E+00	5.02E+00	U
MU	06	754667001	11/20/2025	Ag-110m	2.01E-01	2.33E+00	7.40E+00	U
MU	06	754667001	11/20/2025	Ba-140	1.60E+01	1.16E+01	4.10E+01	U
MU	06	754667001	11/20/2025	Be-7	-3.01E+00	1.78E+01	5.77E+01	U
MU	06	754667001	11/20/2025	Bi-214	0.00E+00	1.07E+01	1.65E+01	U
MU	06	754667001	11/20/2025	Ce-141	-3.51E+00	3.08E+00	9.79E+00	U
MU	06	754667001	11/20/2025	Ce-144	1.12E+01	1.06E+01	3.78E+01	U
MU	06	754667001	11/20/2025	Co-57	-1.07E+00	1.56E+00	4.30E+00	U
MU	06	754667001	11/20/2025	Co-58	8.06E-01	1.34E+00	4.65E+00	U
MU	06	754667001	11/20/2025	Co-60	-9.42E-01	1.59E+00	4.72E+00	U
MU	06	754667001	11/20/2025	Cr-51	-1.80E+00	1.90E+01	6.36E+01	U
MU	06	754667001	11/20/2025	Cs-134	6.79E-01	2.15E+00	7.03E+00	U
MU	06	754667001	11/20/2025	Cs-137	1.74E+00	2.00E+00	6.82E+00	U
MU	06	754667001	11/20/2025	Fe-59	-4.74E+00	4.34E+00	1.24E+01	U
MU	06	754667001	11/20/2025	I-131	-3.16E+00	4.93E+00	1.54E+01	U
MU	06	754667001	11/20/2025	K-40	1.20E+03	1.17E+02	5.33E+01	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	06	754667001	11/20/2025	La-140	2.06E+00	3.45E+00	1.27E+01	U
MU	06	754667001	11/20/2025	Mn-54	-3.93E-01	1.76E+00	5.36E+00	U
MU	06	754667001	11/20/2025	Nb-95	-6.12E+00	3.03E+00	6.45E+00	U
MU	06	754667001	11/20/2025	Pb-212	1.06E+01	7.65E+00	1.35E+01	U
MU	06	754667001	11/20/2025	Pb-214	-2.29E+00	4.76E+00	1.48E+01	U
MU	06	754667001	11/20/2025	Ra-226	-2.29E+00	4.76E+00	1.48E+01	U
MU	06	754667001	11/20/2025	Ru-103	-6.83E-01	1.71E+00	5.34E+00	U
MU	06	754667001	11/20/2025	Ru-106	-1.07E+01	1.91E+01	5.77E+01	U
MU	06	754667001	11/20/2025	Sb-124	-3.64E+00	3.42E+00	7.22E+00	U
MU	06	754667001	11/20/2025	Sb-125	-6.53E+00	4.80E+00	1.31E+01	U
MU	06	754667001	11/20/2025	Se-75	-4.54E-01	2.17E+00	7.29E+00	U
MU	06	754667001	11/20/2025	Th-228	1.06E+01	7.65E+00	1.35E+01	U
MU	06	754667001	11/20/2025	Th-230	-2.29E+00	4.76E+00	1.48E+01	U
MU	06	754667001	11/20/2025	TL-208	-3.48E+00	2.62E+00	7.66E+00	U
MU	06	754667001	11/20/2025	Zn-65	-8.57E-01	4.25E+00	1.26E+01	U
MU	06	754667001	11/20/2025	Zr-95	1.83E+00	3.15E+00	1.07E+01	U
MU	09	726588001	5/21/2025	Ac-228	-3.85E+00	1.06E+01	3.25E+01	U
MU	09	726588001	5/21/2025	Ag-108m	-2.39E+00	1.46E+00	4.13E+00	U
MU	09	726588001	5/21/2025	Ag-110m	2.32E+00	2.73E+00	9.19E+00	U
MU	09	726588001	5/21/2025	Ba-140	-8.17E-01	3.90E+01	1.31E+02	U
MU	09	726588001	5/21/2025	Be-7	4.71E+01	2.58E+01	8.58E+01	U
MU	09	726588001	5/21/2025	Bi-214	0.00E+00	9.00E+00	1.20E+01	U
MU	09	726588001	5/21/2025	Ce-141	-2.55E+00	5.12E+00	1.64E+01	U
MU	09	726588001	5/21/2025	Ce-144	4.11E+00	1.12E+01	3.74E+01	U
MU	09	726588001	5/21/2025	Co-57	-1.57E+00	1.48E+00	4.58E+00	U
MU	09	726588001	5/21/2025	Co-58	5.21E+00	2.10E+00	5.38E+00	U
MU	09	726588001	5/21/2025	Co-60	2.16E+00	2.24E+00	7.87E+00	U
MU	09	726588001	5/21/2025	Cr-51	-6.01E+01	3.81E+01	1.01E+02	U
MU	09	726588001	5/21/2025	Cs-134	4.26E+00	2.22E+00	7.44E+00	U
MU	09	726588001	5/21/2025	Cs-137	4.17E+00	3.56E+00	5.78E+00	U
MU	09	726588001	5/21/2025	Fe-59	-9.68E+00	6.94E+00	1.99E+01	U
MU	09	726588001	5/21/2025	I-131	-3.76E+01	3.60E+01	1.15E+02	U
MU	09	726588001	5/21/2025	K-40	1.38E+03	1.14E+02	7.39E+01	
MU	09	726588001	5/21/2025	La-140	-1.11E-02	1.36E+01	4.47E+01	U
MU	09	726588001	5/21/2025	Mn-54	-1.11E-01	1.97E+00	6.33E+00	U
MU	09	726588001	5/21/2025	Nb-95	1.76E+00	2.90E+00	9.68E+00	U
MU	09	726588001	5/21/2025	Pb-212	0.00E+00	6.76E+00	1.31E+01	U
MU	09	726588001	5/21/2025	Pb-214	7.31E+00	7.76E+00	1.65E+01	U
MU	09	726588001	5/21/2025	Ra-226	7.31E+00	7.76E+00	1.65E+01	U
MU	09	726588001	5/21/2025	Ru-103	2.00E+00	2.77E+00	9.55E+00	U
MU	09	726588001	5/21/2025	Ru-106	-2.26E+01	1.63E+01	4.57E+01	U
MU	09	726588001	5/21/2025	Sb-124	-1.45E+01	6.79E+00	1.11E+01	U
MU	09	726588001	5/21/2025	Sb-125	-1.67E+00	3.95E+00	1.31E+01	U
MU	09	726588001	5/21/2025	Se-75	2.90E+00	2.73E+00	8.82E+00	U
MU	09	726588001	5/21/2025	Th-228	0.00E+00	6.76E+00	1.31E+01	U
MU	09	726588001	5/21/2025	Th-230	7.31E+00	7.76E+00	1.65E+01	U
MU	09	726588001	5/21/2025	TL-208	1.79E-01	2.49E+00	7.78E+00	U
MU	09	726588001	5/21/2025	Zn-65	1.14E+00	4.88E+00	1.49E+01	U
MU	09	726588001	5/21/2025	Zr-95	-2.87E+00	4.34E+00	1.33E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	09	754683001	11/17/2025	Ac-228	1.99E+01	2.43E+01	2.97E+01	U
MU	09	754683001	11/17/2025	Ag-108m	-1.17E+00	1.28E+00	3.69E+00	U
MU	09	754683001	11/17/2025	Ag-110m	-1.73E+00	2.51E+00	7.89E+00	U
MU	09	754683001	11/17/2025	Ba-140	1.09E+01	1.23E+01	4.07E+01	U
MU	09	754683001	11/17/2025	Be-7	0.00E+00	2.90E+01	5.64E+01	U
MU	09	754683001	11/17/2025	Bi-214	0.00E+00	6.79E+00	1.03E+01	U
MU	09	754683001	11/17/2025	Ce-141	-9.87E+00	4.22E+00	9.19E+00	U
MU	09	754683001	11/17/2025	Ce-144	4.76E+00	9.58E+00	3.28E+01	U
MU	09	754683001	11/17/2025	Co-57	3.56E+00	2.48E+00	4.52E+00	U
MU	09	754683001	11/17/2025	Co-58	-2.34E+00	2.52E+00	5.67E+00	U
MU	09	754683001	11/17/2025	Co-60	-8.18E-01	1.60E+00	4.80E+00	U
MU	09	754683001	11/17/2025	Cr-51	1.95E+00	1.85E+01	5.58E+01	U
MU	09	754683001	11/17/2025	Cs-134	-1.81E-01	1.64E+00	5.51E+00	U
MU	09	754683001	11/17/2025	Cs-137	-1.62E+00	1.69E+00	5.28E+00	U
MU	09	754683001	11/17/2025	Fe-59	-7.40E+00	4.62E+00	1.17E+01	U
MU	09	754683001	11/17/2025	I-131	1.82E+00	6.29E+00	2.06E+01	U
MU	09	754683001	11/17/2025	K-40	1.67E+03	1.28E+02	4.43E+01	
MU	09	754683001	11/17/2025	La-140	-2.06E+00	3.88E+00	1.12E+01	U
MU	09	754683001	11/17/2025	Mn-54	-8.73E-01	1.51E+00	4.78E+00	U
MU	09	754683001	11/17/2025	Nb-95	-6.82E-01	2.49E+00	6.63E+00	U
MU	09	754683001	11/17/2025	Pb-212	0.00E+00	6.35E+00	1.27E+01	U
MU	09	754683001	11/17/2025	Pb-214	0.00E+00	9.81E+00	8.55E+00	U
MU	09	754683001	11/17/2025	Ra-226	0.00E+00	9.81E+00	8.55E+00	U
MU	09	754683001	11/17/2025	Ru-103	-8.40E-01	2.18E+00	6.66E+00	U
MU	09	754683001	11/17/2025	Ru-106	-9.60E+00	1.46E+01	4.77E+01	U
MU	09	754683001	11/17/2025	Sb-124	2.74E+00	4.25E+00	1.48E+01	U
MU	09	754683001	11/17/2025	Sb-125	4.23E+00	3.76E+00	1.26E+01	U
MU	09	754683001	11/17/2025	Se-75	-6.60E-01	2.01E+00	6.44E+00	U
MU	09	754683001	11/17/2025	Th-228	0.00E+00	6.35E+00	1.27E+01	U
MU	09	754683001	11/17/2025	Th-230	0.00E+00	9.81E+00	8.55E+00	U
MU	09	754683001	11/17/2025	TL-208	0.00E+00	3.90E+00	4.11E+00	U
MU	09	754683001	11/17/2025	Zn-65	-5.56E-01	4.08E+00	1.19E+01	U
MU	09	754683001	11/17/2025	Zr-95	4.91E+00	3.46E+00	8.08E+00	U
MU	56	726608002	5/28/2025	Ac-228	-1.20E+01	1.61E+01	4.67E+01	U
MU	56	726608002	5/28/2025	Ag-108m	-1.41E+00	2.30E+00	7.16E+00	U
MU	56	726608002	5/28/2025	Ag-110m	9.26E+00	4.48E+00	1.62E+01	U
MU	56	726608002	5/28/2025	Ba-140	1.06E+01	4.24E+01	1.41E+02	U
MU	56	726608002	5/28/2025	Be-7	3.85E+01	3.74E+01	1.28E+02	U
MU	56	726608002	5/28/2025	Bi-214	0.00E+00	1.32E+01	3.07E+01	U
MU	56	726608002	5/28/2025	Ce-141	-1.09E+01	7.22E+00	1.94E+01	U
MU	56	726608002	5/28/2025	Ce-144	2.62E+00	1.46E+01	4.83E+01	U
MU	56	726608002	5/28/2025	Co-57	6.30E-01	2.02E+00	6.76E+00	U
MU	56	726608002	5/28/2025	Co-58	-3.87E+00	3.58E+00	1.02E+01	U
MU	56	726608002	5/28/2025	Co-60	-2.34E+00	2.50E+00	6.02E+00	U
MU	56	726608002	5/28/2025	Cr-51	4.78E+01	3.44E+01	1.23E+02	U
MU	56	726608002	5/28/2025	Cs-134	2.57E+00	3.36E+00	1.20E+01	U
MU	56	726608002	5/28/2025	Cs-137	0.00E+00	2.40E+00	7.01E+00	U
MU	56	726608002	5/28/2025	Fe-59	4.58E+00	7.06E+00	2.51E+01	U
MU	56	726608002	5/28/2025	I-131	3.45E+00	2.38E+01	8.09E+01	U
MU	56	726608002	5/28/2025	K-40	1.54E+03	1.51E+02	1.10E+02	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	56	726608002	5/28/2025	La-140	-1.49E-01	1.63E+01	5.41E+01	U
MU	56	726608002	5/28/2025	Mn-54	4.67E-01	2.17E+00	7.50E+00	U
MU	56	726608002	5/28/2025	Nb-95	1.02E+01	4.72E+00	1.04E+01	U
MU	56	726608002	5/28/2025	Pb-212	2.31E+00	4.99E+00	1.67E+01	U
MU	56	726608002	5/28/2025	Pb-214	-4.26E+00	6.86E+00	2.06E+01	U
MU	56	726608002	5/28/2025	Ra-226	-4.26E+00	6.86E+00	2.06E+01	U
MU	56	726608002	5/28/2025	Ru-103	-8.73E+00	4.34E+00	9.42E+00	U
MU	56	726608002	5/28/2025	Ru-106	4.52E+01	2.91E+01	1.01E+02	U
MU	56	726608002	5/28/2025	Sb-124	1.08E+00	6.60E+00	2.27E+01	U
MU	56	726608002	5/28/2025	Sb-125	9.49E+00	9.39E+00	2.45E+01	U
MU	56	726608002	5/28/2025	Se-75	1.99E+00	4.00E+00	1.28E+01	U
MU	56	726608002	5/28/2025	Th-228	2.31E+00	4.99E+00	1.67E+01	U
MU	56	726608002	5/28/2025	Th-230	-4.26E+00	6.86E+00	2.06E+01	U
MU	56	726608002	5/28/2025	TL-208	5.02E+00	4.80E+00	9.06E+00	U
MU	56	726608002	5/28/2025	Zn-65	6.27E+00	6.54E+00	2.35E+01	U
MU	56	726608002	5/28/2025	Zr-95	1.29E+01	6.05E+00	2.23E+01	U
MU	56	754667002	11/20/2025	Ac-228	3.48E+01	1.40E+01	2.40E+01	
MU	56	754667002	11/20/2025	Ag-108m	0.00E+00	2.72E+00	4.58E+00	U
MU	56	754667002	11/20/2025	Ag-110m	6.68E-01	4.69E+00	1.10E+01	U
MU	56	754667002	11/20/2025	Ba-140	8.84E+00	1.44E+01	4.70E+01	U
MU	56	754667002	11/20/2025	Be-7	4.33E+01	2.32E+01	8.13E+01	U
MU	56	754667002	11/20/2025	Bi-214	-5.60E-01	5.74E+00	1.84E+01	U
MU	56	754667002	11/20/2025	Ce-141	-7.47E-01	3.09E+00	1.06E+01	U
MU	56	754667002	11/20/2025	Ce-144	-2.00E+00	8.77E+00	3.03E+01	U
MU	56	754667002	11/20/2025	Co-57	-8.48E-01	1.72E+00	4.85E+00	U
MU	56	754667002	11/20/2025	Co-58	-1.63E+00	1.89E+00	5.15E+00	U
MU	56	754667002	11/20/2025	Co-60	4.97E-01	2.78E+00	9.41E+00	U
MU	56	754667002	11/20/2025	Cr-51	-2.70E+00	2.19E+01	6.45E+01	U
MU	56	754667002	11/20/2025	Cs-134	-1.32E+00	2.22E+00	6.60E+00	U
MU	56	754667002	11/20/2025	Cs-137	9.44E-01	2.35E+00	8.09E+00	U
MU	56	754667002	11/20/2025	Fe-59	1.22E+00	4.53E+00	1.59E+01	U
MU	56	754667002	11/20/2025	I-131	6.96E+00	6.59E+00	2.23E+01	U
MU	56	754667002	11/20/2025	K-40	1.29E+03	1.35E+02	7.80E+01	
MU	56	754667002	11/20/2025	La-140	-4.91E+00	5.60E+00	1.46E+01	U
MU	56	754667002	11/20/2025	Mn-54	-3.24E-01	2.26E+00	7.21E+00	U
MU	56	754667002	11/20/2025	Nb-95	-3.14E+00	2.99E+00	7.93E+00	U
MU	56	754667002	11/20/2025	Pb-212	4.65E+00	7.58E+00	1.45E+01	U
MU	56	754667002	11/20/2025	Pb-214	-7.50E+00	5.90E+00	1.65E+01	U
MU	56	754667002	11/20/2025	Ra-226	-7.50E+00	5.90E+00	1.65E+01	U
MU	56	754667002	11/20/2025	Ru-103	-3.67E-01	2.33E+00	7.87E+00	U
MU	56	754667002	11/20/2025	Ru-106	-1.65E+01	1.85E+01	5.50E+01	U
MU	56	754667002	11/20/2025	Sb-124	-9.55E+00	6.09E+00	1.01E+01	U
MU	56	754667002	11/20/2025	Sb-125	5.20E+00	6.19E+00	1.93E+01	U
MU	56	754667002	11/20/2025	Se-75	-3.74E-01	2.67E+00	8.73E+00	U
MU	56	754667002	11/20/2025	Th-228	4.65E+00	7.58E+00	1.45E+01	U
MU	56	754667002	11/20/2025	Th-230	-7.50E+00	5.90E+00	1.65E+01	U
MU	56	754667002	11/20/2025	TL-208	4.90E-01	2.56E+00	8.55E+00	U
MU	56	754667002	11/20/2025	Zn-65	2.02E+00	5.32E+00	1.86E+01	U
MU	56	754667002	11/20/2025	Zr-95	9.48E-01	3.66E+00	1.24E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	59	726588002	5/20/2025	Ac-228	1.22E+01	9.23E+00	2.65E+01	U
MU	59	726588002	5/20/2025	Ag-108m	4.46E-01	1.12E+00	3.80E+00	U
MU	59	726588002	5/20/2025	Ag-110m	-1.40E+00	2.23E+00	7.19E+00	U
MU	59	726588002	5/20/2025	Ba-140	-3.71E+00	3.05E+01	9.93E+01	U
MU	59	726588002	5/20/2025	Be-7	1.71E+02	3.95E+01	4.97E+01	
MU	59	726588002	5/20/2025	Bi-214	0.00E+00	6.16E+00	1.42E+01	U
MU	59	726588002	5/20/2025	Ce-141	-5.40E+00	4.94E+00	1.33E+01	U
MU	59	726588002	5/20/2025	Ce-144	-2.63E+00	7.77E+00	2.47E+01	U
MU	59	726588002	5/20/2025	Co-57	9.00E-01	1.05E+00	3.46E+00	U
MU	59	726588002	5/20/2025	Co-58	2.14E-01	1.97E+00	6.31E+00	U
MU	59	726588002	5/20/2025	Co-60	-1.15E+00	1.83E+00	5.61E+00	U
MU	59	726588002	5/20/2025	Cr-51	-3.21E+01	2.54E+01	7.78E+01	U
MU	59	726588002	5/20/2025	Cs-134	-7.14E-01	1.72E+00	5.27E+00	U
MU	59	726588002	5/20/2025	Cs-137	-8.80E-01	1.88E+00	5.49E+00	U
MU	59	726588002	5/20/2025	Fe-59	-5.14E-02	5.97E+00	1.99E+01	U
MU	59	726588002	5/20/2025	I-131	-2.53E+01	2.60E+01	8.09E+01	U
MU	59	726588002	5/20/2025	K-40	1.52E+03	1.06E+02	4.47E+01	
MU	59	726588002	5/20/2025	La-140	-1.99E+01	1.39E+01	3.50E+01	U
MU	59	726588002	5/20/2025	Mn-54	8.91E-01	1.73E+00	5.64E+00	U
MU	59	726588002	5/20/2025	Nb-95	1.12E+00	2.15E+00	7.08E+00	U
MU	59	726588002	5/20/2025	Pb-212	6.78E+00	5.39E+00	1.18E+01	U
MU	59	726588002	5/20/2025	Pb-214	1.37E+01	5.31E+00	9.70E+00	
MU	59	726588002	5/20/2025	Ra-226	1.37E+01	5.31E+00	9.70E+00	
MU	59	726588002	5/20/2025	Ru-103	-4.26E+00	2.69E+00	7.48E+00	U
MU	59	726588002	5/20/2025	Ru-106	-9.60E+00	1.40E+01	4.28E+01	U
MU	59	726588002	5/20/2025	Sb-124	-6.46E+00	5.46E+00	1.42E+01	U
MU	59	726588002	5/20/2025	Sb-125	-2.74E+00	3.25E+00	1.01E+01	U
MU	59	726588002	5/20/2025	Se-75	-5.54E-01	2.00E+00	6.78E+00	U
MU	59	726588002	5/20/2025	Th-228	6.78E+00	5.39E+00	1.18E+01	U
MU	59	726588002	5/20/2025	Th-230	1.37E+01	5.31E+00	9.70E+00	
MU	59	726588002	5/20/2025	TL-208	1.57E+00	2.76E+00	4.77E+00	U
MU	59	726588002	5/20/2025	Zn-65	-8.04E+00	4.60E+00	1.22E+01	U
MU	59	726588002	5/20/2025	Zr-95	4.81E+00	3.78E+00	1.26E+01	U
MU	59	754683002	11/17/2025	Ac-228	-6.97E+00	7.81E+00	2.32E+01	U
MU	59	754683002	11/17/2025	Ag-108m	-5.30E-01	1.23E+00	3.92E+00	U
MU	59	754683002	11/17/2025	Ag-110m	-5.33E-01	1.61E+00	4.75E+00	U
MU	59	754683002	11/17/2025	Ba-140	1.40E+01	1.26E+01	4.47E+01	U
MU	59	754683002	11/17/2025	Be-7	5.30E+01	2.13E+01	6.94E+01	U
MU	59	754683002	11/17/2025	Bi-214	0.00E+00	9.98E+00	1.77E+01	U
MU	59	754683002	11/17/2025	Ce-141	-1.84E-01	2.85E+00	8.44E+00	U
MU	59	754683002	11/17/2025	Ce-144	-2.10E+00	9.18E+00	2.56E+01	U
MU	59	754683002	11/17/2025	Co-57	8.41E-01	1.05E+00	3.30E+00	U
MU	59	754683002	11/17/2025	Co-58	-1.74E+00	1.75E+00	4.62E+00	U
MU	59	754683002	11/17/2025	Co-60	-1.87E+00	1.96E+00	5.64E+00	U
MU	59	754683002	11/17/2025	Cr-51	4.81E+01	2.82E+01	5.80E+01	U
MU	59	754683002	11/17/2025	Cs-134	-3.26E+00	1.88E+00	3.87E+00	U
MU	59	754683002	11/17/2025	Cs-137	0.00E+00	6.77E+00	4.63E+00	U
MU	59	754683002	11/17/2025	Fe-59	-1.14E+00	5.42E+00	1.83E+01	U
MU	59	754683002	11/17/2025	I-131	-6.33E+00	5.78E+00	1.72E+01	U
MU	59	754683002	11/17/2025	K-40	1.59E+03	1.24E+02	5.25E+01	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	59	754683002	11/17/2025	La-140	3.12E+00	3.17E+00	1.26E+01	U
MU	59	754683002	11/17/2025	Mn-54	-2.20E+00	1.93E+00	5.06E+00	U
MU	59	754683002	11/17/2025	Nb-95	1.46E+00	2.18E+00	6.56E+00	U
MU	59	754683002	11/17/2025	Pb-212	1.32E+01	5.14E+00	7.87E+00	
MU	59	754683002	11/17/2025	Pb-214	0.00E+00	6.07E+00	9.19E+00	U
MU	59	754683002	11/17/2025	Ra-226	0.00E+00	6.07E+00	9.19E+00	U
MU	59	754683002	11/17/2025	Ru-103	3.29E+00	1.81E+00	6.43E+00	U
MU	59	754683002	11/17/2025	Ru-106	-3.06E+01	1.56E+01	3.26E+01	U
MU	59	754683002	11/17/2025	Sb-124	7.87E-01	3.99E+00	1.37E+01	U
MU	59	754683002	11/17/2025	Sb-125	3.79E+00	3.72E+00	1.32E+01	U
MU	59	754683002	11/17/2025	Se-75	-1.21E+00	1.75E+00	5.66E+00	U
MU	59	754683002	11/17/2025	Th-228	1.32E+01	5.14E+00	7.87E+00	
MU	59	754683002	11/17/2025	Th-230	0.00E+00	6.07E+00	9.19E+00	U
MU	59	754683002	11/17/2025	TL-208	1.25E-01	2.34E+00	7.54E+00	U
MU	59	754683002	11/17/2025	Zn-65	6.48E-01	3.56E+00	1.25E+01	U
MU	59	754683002	11/17/2025	Zr-95	6.89E-01	3.36E+00	1.10E+01	U
MS	06	726608004	5/28/2025	Sr-89	-3.66E+01	7.68E+01	1.90E+02	U
MS	06	726608004	5/28/2025	Sr-90	-2.25E+01	4.53E+01	1.51E+02	U
MS	06	754667004	11/20/2025	Sr-89	-1.41E+02	2.43E+02	5.43E+02	U DL
MS	06	754667004	11/20/2025	Sr-90	-1.33E+02	1.32E+02	4.42E+02	U DL
MS	56	726608005	5/28/2025	Sr-89	-1.08E+02	8.80E+01	2.32E+02	U
MS	56	726608005	5/28/2025	Sr-90	-1.36E+02	5.66E+01	1.98E+02	U
MS	56	754667005	11/20/2025	Sr-89	1.73E+02	3.27E+02	7.82E+02	U DL
MS	56	754667005	11/20/2025	Sr-90	-6.52E+01	1.54E+02	5.10E+02	U DL

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	02	726591001	5/28/2025	Ac-228	2.07E+03	1.99E+02	1.56E+02	
SE	02	726591001	5/28/2025	Ag-108m	5.98E+00	1.08E+01	3.86E+01	U
SE	02	726591001	5/28/2025	Ag-110m	8.29E+00	2.02E+01	6.45E+01	U
SE	02	726591001	5/28/2025	Ba-140	3.65E+02	2.29E+02	7.84E+02	U
SE	02	726591001	5/28/2025	Be-7	3.04E+02	1.65E+02	5.57E+02	U
SE	02	726591001	5/28/2025	Bi-214	1.40E+03	1.04E+02	8.29E+01	
SE	02	726591001	5/28/2025	Ce-141	-4.74E+00	3.71E+01	1.25E+02	U
SE	02	726591001	5/28/2025	Ce-144	2.69E+01	8.31E+01	2.94E+02	U
SE	02	726591001	5/28/2025	Co-57	8.37E-01	1.05E+01	3.72E+01	U
SE	02	726591001	5/28/2025	Co-58	2.51E+01	1.68E+01	5.69E+01	U
SE	02	726591001	5/28/2025	Co-60	9.54E-01	1.24E+01	4.21E+01	U
SE	02	726591001	5/28/2025	Cr-51	2.87E+01	2.04E+02	7.44E+02	U
SE	02	726591001	5/28/2025	Cs-134	0.00E+00	3.61E+01	5.95E+01	U
SE	02	726591001	5/28/2025	Cs-137	-2.68E+01	1.76E+01	4.43E+01	U
SE	02	726591001	5/28/2025	Fe-59	1.85E+01	4.18E+01	1.46E+02	U
SE	02	726591001	5/28/2025	I-131	9.33E+01	1.44E+02	5.21E+02	U
SE	02	726591001	5/28/2025	K-40	1.49E+04	1.01E+03	3.62E+02	
SE	02	726591001	5/28/2025	La-140	2.51E+01	7.24E+01	2.45E+02	U
SE	02	726591001	5/28/2025	Mn-54	0.00E+00	2.45E+01	4.79E+01	U
SE	02	726591001	5/28/2025	Nb-95	7.20E+00	2.12E+01	6.39E+01	U
SE	02	726591001	5/28/2025	Pb-212	2.03E+03	1.14E+02	7.83E+01	
SE	02	726591001	5/28/2025	Pb-214	1.59E+03	1.12E+02	9.60E+01	
SE	02	726591001	5/28/2025	Ra-226	1.59E+03	1.12E+02	9.60E+01	
SE	02	726591001	5/28/2025	Ru-103	-1.40E+01	1.87E+01	6.20E+01	U
SE	02	726591001	5/28/2025	Ru-106	2.42E+00	1.14E+02	3.88E+02	U
SE	02	726591001	5/28/2025	Sb-124	-3.08E+01	3.20E+01	8.93E+01	U
SE	02	726591001	5/28/2025	Sb-125	-1.92E+01	3.39E+01	1.16E+02	U
SE	02	726591001	5/28/2025	Se-75	-2.66E+01	1.86E+01	6.19E+01	U
SE	02	726591001	5/28/2025	Th-228	2.03E+03	1.14E+02	7.83E+01	
SE	02	726591001	5/28/2025	Th-230	1.59E+03	1.12E+02	9.60E+01	
SE	02	726591001	5/28/2025	TL-208	5.59E+02	5.01E+01	4.47E+01	
SE	02	726591001	5/28/2025	Zn-65	-7.94E+01	4.24E+01	9.42E+01	U
SE	02	726591001	5/28/2025	Zr-95	-3.03E-01	3.16E+01	1.05E+02	U
SE	02	754674001	11/20/2025	Ac-228	1.05E+03	2.35E+02	2.30E+02	
SE	02	754674001	11/20/2025	Ag-108m	1.03E+01	1.33E+01	4.77E+01	U
SE	02	754674001	11/20/2025	Ag-110m	-2.35E+01	2.59E+01	6.99E+01	U
SE	02	754674001	11/20/2025	Ba-140	-9.60E+01	3.05E+02	9.88E+02	U
SE	02	754674001	11/20/2025	Be-7	-2.08E+02	1.73E+02	4.84E+02	U
SE	02	754674001	11/20/2025	Bi-214	8.72E+02	1.18E+02	1.05E+02	
SE	02	754674001	11/20/2025	Ce-141	-6.98E+01	4.14E+01	1.29E+02	U
SE	02	754674001	11/20/2025	Ce-144	1.56E+02	9.03E+01	3.34E+02	U
SE	02	754674001	11/20/2025	Co-57	1.51E+01	1.10E+01	4.14E+01	U
SE	02	754674001	11/20/2025	Co-58	2.51E+01	1.83E+01	6.81E+01	U
SE	02	754674001	11/20/2025	Co-60	4.52E+00	1.49E+01	5.30E+01	U
SE	02	754674001	11/20/2025	Cr-51	7.58E+01	2.39E+02	8.56E+02	U
SE	02	754674001	11/20/2025	Cs-134	7.72E+00	2.17E+01	7.27E+01	U
SE	02	754674001	11/20/2025	Cs-137	-2.56E+01	1.78E+01	4.45E+01	U
SE	02	754674001	11/20/2025	Fe-59	-5.60E+01	6.03E+01	1.56E+02	U
SE	02	754674001	11/20/2025	I-131	3.29E+02	2.68E+02	9.74E+02	U
SE	02	754674001	11/20/2025	K-40	1.76E+04	1.30E+03	2.41E+02	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	02	754674001	11/20/2025	La-140	1.16E+02	1.04E+02	4.01E+02	U
SE	02	754674001	11/20/2025	Mn-54	-2.83E+00	1.71E+01	4.91E+01	U
SE	02	754674001	11/20/2025	Nb-95	-1.84E+00	1.98E+01	6.33E+01	U
SE	02	754674001	11/20/2025	Pb-212	1.31E+03	1.13E+02	7.88E+01	
SE	02	754674001	11/20/2025	Pb-214	1.14E+03	1.14E+02	9.08E+01	
SE	02	754674001	11/20/2025	Ra-226	1.14E+03	1.14E+02	9.08E+01	
SE	02	754674001	11/20/2025	Ru-103	-9.11E+00	2.50E+01	8.13E+01	U
SE	02	754674001	11/20/2025	Ru-106	-2.12E+01	1.62E+02	5.29E+02	U
SE	02	754674001	11/20/2025	Sb-124	2.74E+01	5.32E+01	1.91E+02	U
SE	02	754674001	11/20/2025	Sb-125	-1.42E+01	3.60E+01	1.18E+02	U
SE	02	754674001	11/20/2025	Se-75	-7.55E+00	2.00E+01	6.92E+01	U
SE	02	754674001	11/20/2025	Th-228	1.31E+03	1.13E+02	7.88E+01	
SE	02	754674001	11/20/2025	Th-230	1.14E+03	1.14E+02	9.08E+01	
SE	02	754674001	11/20/2025	TL-208	3.41E+02	5.35E+01	5.61E+01	
SE	02	754674001	11/20/2025	Zn-65	7.61E+01	4.38E+01	1.58E+02	U
SE	02	754674001	11/20/2025	Zr-95	-3.13E+00	4.51E+01	1.46E+02	U
SE	07	726583001	5/21/2025	Ac-228	4.85E+02	1.10E+02	1.17E+02	
SE	07	726583001	5/21/2025	Ag-108m	-7.57E+00	6.50E+00	2.11E+01	U
SE	07	726583001	5/21/2025	Ag-110m	3.70E+00	1.26E+01	4.27E+01	U
SE	07	726583001	5/21/2025	Ba-140	9.73E+01	2.03E+02	7.31E+02	U
SE	07	726583001	5/21/2025	Be-7	3.43E+01	1.02E+02	3.69E+02	U
SE	07	726583001	5/21/2025	Bi-214	3.94E+02	5.32E+01	6.25E+01	
SE	07	726583001	5/21/2025	Ce-141	-7.31E+00	1.97E+01	7.12E+01	U
SE	07	726583001	5/21/2025	Ce-144	2.25E+01	3.95E+01	1.48E+02	U
SE	07	726583001	5/21/2025	Co-57	4.34E+00	5.11E+00	1.93E+01	U
SE	07	726583001	5/21/2025	Co-58	1.92E+00	1.11E+01	3.79E+01	U
SE	07	726583001	5/21/2025	Co-60	-2.55E+00	1.25E+01	4.14E+01	U
SE	07	726583001	5/21/2025	Cr-51	-2.47E+02	1.65E+02	4.78E+02	U
SE	07	726583001	5/21/2025	Cs-134	0.00E+00	2.48E+01	4.41E+01	U
SE	07	726583001	5/21/2025	Cs-137	-9.39E+00	8.83E+00	2.71E+01	U
SE	07	726583001	5/21/2025	Fe-59	4.27E+01	3.61E+01	1.29E+02	U
SE	07	726583001	5/21/2025	I-131	3.63E+01	1.58E+02	5.32E+02	U
SE	07	726583001	5/21/2025	K-40	1.57E+04	9.93E+02	2.45E+02	
SE	07	726583001	5/21/2025	La-140	-1.71E+02	8.98E+01	2.05E+02	U
SE	07	726583001	5/21/2025	Mn-54	2.33E+00	1.20E+01	3.64E+01	U
SE	07	726583001	5/21/2025	Nb-95	4.20E+00	1.31E+01	4.50E+01	U
SE	07	726583001	5/21/2025	Pb-212	5.86E+02	5.13E+01	4.66E+01	
SE	07	726583001	5/21/2025	Pb-214	5.26E+02	5.63E+01	5.44E+01	
SE	07	726583001	5/21/2025	Ra-226	5.26E+02	5.63E+01	5.44E+01	
SE	07	726583001	5/21/2025	Ru-103	8.67E+00	1.39E+01	5.07E+01	U
SE	07	726583001	5/21/2025	Ru-106	1.06E+02	8.11E+01	2.91E+02	U
SE	07	726583001	5/21/2025	Sb-124	-6.86E+00	2.83E+01	8.93E+01	U
SE	07	726583001	5/21/2025	Sb-125	1.11E+01	2.22E+01	8.17E+01	U
SE	07	726583001	5/21/2025	Se-75	4.60E+00	1.11E+01	3.91E+01	U
SE	07	726583001	5/21/2025	Th-228	5.86E+02	5.13E+01	4.66E+01	
SE	07	726583001	5/21/2025	Th-230	5.26E+02	5.63E+01	5.44E+01	
SE	07	726583001	5/21/2025	TL-208	1.32E+02	2.46E+01	3.07E+01	
SE	07	726583001	5/21/2025	Zn-65	-8.37E+00	2.48E+01	7.26E+01	U
SE	07	726583001	5/21/2025	Zr-95	3.84E-02	2.71E+01	8.18E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	07	754680001	11/17/2025	Ac-228	0.00E+00	1.68E+02	1.78E+02	U
SE	07	754680001	11/17/2025	Ag-108m	7.50E+00	9.96E+00	3.57E+01	U
SE	07	754680001	11/17/2025	Ag-110m	3.94E+00	2.16E+01	7.54E+01	U
SE	07	754680001	11/17/2025	Ba-140	9.46E+00	3.08E+02	9.31E+02	U
SE	07	754680001	11/17/2025	Be-7	-2.69E+02	1.71E+02	4.08E+02	U
SE	07	754680001	11/17/2025	Bi-214	3.26E+02	7.02E+01	8.58E+01	
SE	07	754680001	11/17/2025	Ce-141	-3.59E+01	3.43E+01	1.14E+02	U
SE	07	754680001	11/17/2025	Ce-144	3.21E+01	7.36E+01	2.78E+02	U
SE	07	754680001	11/17/2025	Co-57	-9.78E+00	9.83E+00	3.35E+01	U
SE	07	754680001	11/17/2025	Co-58	1.18E+00	1.56E+01	5.44E+01	U
SE	07	754680001	11/17/2025	Co-60	-7.65E+00	1.76E+01	5.28E+01	U
SE	07	754680001	11/17/2025	Cr-51	-1.54E+02	2.41E+02	7.73E+02	U
SE	07	754680001	11/17/2025	Cs-134	1.08E+01	1.71E+01	6.24E+01	U
SE	07	754680001	11/17/2025	Cs-137	-1.33E+01	1.29E+01	3.85E+01	U
SE	07	754680001	11/17/2025	Fe-59	-3.37E+00	5.99E+01	1.99E+02	U
SE	07	754680001	11/17/2025	I-131	6.90E+01	2.46E+02	8.57E+02	U
SE	07	754680001	11/17/2025	K-40	1.67E+04	1.49E+03	5.56E+02	
SE	07	754680001	11/17/2025	La-140	-1.16E+02	1.10E+02	2.23E+02	U
SE	07	754680001	11/17/2025	Mn-54	6.13E+00	1.58E+01	5.18E+01	U
SE	07	754680001	11/17/2025	Nb-95	2.41E+01	2.01E+01	7.55E+01	U
SE	07	754680001	11/17/2025	Pb-212	3.86E+02	9.06E+01	6.16E+01	
SE	07	754680001	11/17/2025	Pb-214	3.18E+02	7.61E+01	1.08E+02	
SE	07	754680001	11/17/2025	Ra-226	3.18E+02	7.61E+01	1.08E+02	
SE	07	754680001	11/17/2025	Ru-103	2.00E+01	1.94E+01	7.05E+01	U
SE	07	754680001	11/17/2025	Ru-106	1.64E+02	1.48E+02	5.18E+02	U
SE	07	754680001	11/17/2025	Sb-124	-5.29E+01	4.26E+01	9.85E+01	U
SE	07	754680001	11/17/2025	Sb-125	-2.02E+01	4.13E+01	1.31E+02	U
SE	07	754680001	11/17/2025	Se-75	-1.31E+00	1.99E+01	6.96E+01	U
SE	07	754680001	11/17/2025	Th-228	3.86E+02	9.06E+01	6.16E+01	
SE	07	754680001	11/17/2025	Th-230	3.18E+02	7.61E+01	1.08E+02	
SE	07	754680001	11/17/2025	TL-208	0.00E+00	3.10E+01	4.12E+01	U
SE	07	754680001	11/17/2025	Zn-65	-1.85E+01	5.99E+01	1.29E+02	U
SE	07	754680001	11/17/2025	Zr-95	3.03E+01	5.16E+01	1.33E+02	U
SE	08	726583002	5/21/2025	Ac-228	5.39E+02	9.45E+01	8.15E+01	
SE	08	726583002	5/21/2025	Ag-108m	6.97E+00	9.62E+00	3.61E+01	U
SE	08	726583002	5/21/2025	Ag-110m	-3.01E+01	2.57E+01	5.87E+01	U
SE	08	726583002	5/21/2025	Ba-140	1.51E+01	3.28E+02	1.16E+03	U
SE	08	726583002	5/21/2025	Be-7	-7.65E+01	1.40E+02	4.72E+02	U
SE	08	726583002	5/21/2025	Bi-214	2.67E+02	5.88E+01	9.25E+01	
SE	08	726583002	5/21/2025	Ce-141	-2.75E+01	3.84E+01	1.31E+02	U
SE	08	726583002	5/21/2025	Ce-144	6.70E+01	7.13E+01	2.65E+02	U
SE	08	726583002	5/21/2025	Co-57	-1.53E+01	1.02E+01	3.14E+01	U
SE	08	726583002	5/21/2025	Co-58	-3.13E+00	1.64E+01	5.38E+01	U
SE	08	726583002	5/21/2025	Co-60	4.81E+00	1.59E+01	5.62E+01	U
SE	08	726583002	5/21/2025	Cr-51	-6.95E+01	1.91E+02	6.85E+02	U
SE	08	726583002	5/21/2025	Cs-134	7.83E+00	1.75E+01	6.10E+01	U
SE	08	726583002	5/21/2025	Cs-137	1.44E+01	1.42E+01	5.23E+01	U
SE	08	726583002	5/21/2025	Fe-59	-2.23E+01	4.37E+01	1.30E+02	U
SE	08	726583002	5/21/2025	I-131	3.47E+02	2.39E+02	9.11E+02	U
SE	08	726583002	5/21/2025	K-40	1.67E+04	1.38E+03	3.97E+02	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	08	726583002	5/21/2025	La-140	-1.07E+02	1.32E+02	3.79E+02	U
SE	08	726583002	5/21/2025	Mn-54	-1.59E-01	1.51E+01	5.07E+01	U
SE	08	726583002	5/21/2025	Nb-95	-2.26E+01	1.96E+01	5.54E+01	U
SE	08	726583002	5/21/2025	Pb-212	4.95E+02	5.77E+01	7.55E+01	
SE	08	726583002	5/21/2025	Pb-214	4.05E+02	6.41E+01	9.98E+01	
SE	08	726583002	5/21/2025	Ra-226	4.05E+02	6.41E+01	9.98E+01	
SE	08	726583002	5/21/2025	Ru-103	-4.55E+00	1.70E+01	5.87E+01	U
SE	08	726583002	5/21/2025	Ru-106	2.20E+01	8.62E+01	3.08E+02	U
SE	08	726583002	5/21/2025	Sb-124	1.77E+01	3.66E+01	1.33E+02	U
SE	08	726583002	5/21/2025	Sb-125	5.39E+01	3.37E+01	1.26E+02	U
SE	08	726583002	5/21/2025	Se-75	3.27E+00	1.85E+01	6.36E+01	U
SE	08	726583002	5/21/2025	Th-228	4.95E+02	5.77E+01	7.55E+01	
SE	08	726583002	5/21/2025	Th-230	4.05E+02	6.41E+01	9.98E+01	
SE	08	726583002	5/21/2025	TL-208	0.00E+00	4.09E+01	4.19E+01	U
SE	08	726583002	5/21/2025	Zn-65	-2.85E+01	4.60E+01	1.29E+02	U
SE	08	726583002	5/21/2025	Zr-95	-6.70E+01	3.39E+01	7.00E+01	U
SE	08	754680002	11/17/2025	Ac-228	3.08E+02	7.97E+01	1.19E+02	
SE	08	754680002	11/17/2025	Ag-108m	6.12E+00	6.28E+00	2.20E+01	U
SE	08	754680002	11/17/2025	Ag-110m	-3.78E+00	1.03E+01	3.36E+01	U
SE	08	754680002	11/17/2025	Ba-140	0.00E+00	4.46E+02	5.55E+02	U
SE	08	754680002	11/17/2025	Be-7	5.96E+01	9.32E+01	3.21E+02	U
SE	08	754680002	11/17/2025	Bi-214	1.95E+02	4.42E+01	4.79E+01	
SE	08	754680002	11/17/2025	Ce-141	-1.49E+01	1.80E+01	5.02E+01	U
SE	08	754680002	11/17/2025	Ce-144	9.28E+00	3.80E+01	1.24E+02	U
SE	08	754680002	11/17/2025	Co-57	2.66E+00	3.76E+00	1.27E+01	U
SE	08	754680002	11/17/2025	Co-58	-8.16E+00	1.24E+01	4.02E+01	U
SE	08	754680002	11/17/2025	Co-60	3.57E+01	1.37E+01	4.05E+01	U
SE	08	754680002	11/17/2025	Cr-51	1.27E+01	1.08E+02	3.78E+02	U
SE	08	754680002	11/17/2025	Cs-134	2.98E+01	1.40E+01	2.98E+01	UI M
SE	08	754680002	11/17/2025	Cs-137	4.67E+00	8.70E+00	2.89E+01	U
SE	08	754680002	11/17/2025	Fe-59	-4.50E+01	3.18E+01	8.44E+01	U
SE	08	754680002	11/17/2025	I-131	-8.60E+01	1.28E+02	4.13E+02	U
SE	08	754680002	11/17/2025	K-40	2.04E+04	1.30E+03	2.50E+02	
SE	08	754680002	11/17/2025	La-140	-1.15E+02	6.37E+01	1.27E+02	U
SE	08	754680002	11/17/2025	Mn-54	2.64E+01	9.31E+00	2.84E+01	U
SE	08	754680002	11/17/2025	Nb-95	-3.00E+00	1.07E+01	3.62E+01	U
SE	08	754680002	11/17/2025	Pb-212	2.79E+02	3.11E+01	3.50E+01	
SE	08	754680002	11/17/2025	Pb-214	2.78E+02	3.95E+01	4.37E+01	
SE	08	754680002	11/17/2025	Ra-226	2.78E+02	3.95E+01	4.37E+01	
SE	08	754680002	11/17/2025	Ru-103	1.32E+01	1.18E+01	4.13E+01	U
SE	08	754680002	11/17/2025	Ru-106	-5.64E+01	6.90E+01	1.99E+02	U
SE	08	754680002	11/17/2025	Sb-124	2.06E+01	2.13E+01	8.22E+01	U
SE	08	754680002	11/17/2025	Sb-125	1.26E+01	1.78E+01	6.22E+01	U
SE	08	754680002	11/17/2025	Se-75	-5.60E+00	8.96E+00	3.05E+01	U
SE	08	754680002	11/17/2025	Th-228	2.79E+02	3.11E+01	3.50E+01	
SE	08	754680002	11/17/2025	Th-230	2.78E+02	3.95E+01	4.37E+01	
SE	08	754680002	11/17/2025	TL-208	5.08E+01	2.01E+01	2.58E+01	
SE	08	754680002	11/17/2025	Zn-65	2.25E+01	2.94E+01	9.27E+01	U
SE	08	754680002	11/17/2025	Zr-95	-7.07E+00	1.82E+01	6.10E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	52	726591002	5/28/2025	Ac-228	3.88E+03	3.14E+02	2.47E+02	
SE	52	726591002	5/28/2025	Ag-108m	0.00E+00	3.88E+01	5.73E+01	U
SE	52	726591002	5/28/2025	Ag-110m	1.15E+01	2.76E+01	9.56E+01	U
SE	52	726591002	5/28/2025	Ba-140	1.23E+01	3.19E+02	1.08E+03	U
SE	52	726591002	5/28/2025	Be-7	-1.84E+02	2.10E+02	6.81E+02	U
SE	52	726591002	5/28/2025	Bi-214	2.59E+03	1.68E+02	1.28E+02	
SE	52	726591002	5/28/2025	Ce-141	1.89E+01	4.33E+01	1.55E+02	U
SE	52	726591002	5/28/2025	Ce-144	-6.97E+01	1.03E+02	3.60E+02	U
SE	52	726591002	5/28/2025	Co-57	-8.27E+00	1.30E+01	4.61E+01	U
SE	52	726591002	5/28/2025	Co-58	-2.62E+01	2.34E+01	7.35E+01	U
SE	52	726591002	5/28/2025	Co-60	-2.43E+01	2.11E+01	6.37E+01	U
SE	52	726591002	5/28/2025	Cr-51	-5.20E+01	2.66E+02	9.54E+02	U
SE	52	726591002	5/28/2025	Cs-134	0.00E+00	6.98E+01	1.16E+02	U
SE	52	726591002	5/28/2025	Cs-137	-4.69E+01	2.47E+01	6.59E+01	U
SE	52	726591002	5/28/2025	Fe-59	-2.43E+00	5.50E+01	1.82E+02	U
SE	52	726591002	5/28/2025	I-131	-2.52E+01	1.80E+02	6.35E+02	U
SE	52	726591002	5/28/2025	K-40	1.38E+04	1.08E+03	5.40E+02	
SE	52	726591002	5/28/2025	La-140	8.96E+01	1.18E+02	3.62E+02	U
SE	52	726591002	5/28/2025	Mn-54	6.74E+01	4.89E+01	7.09E+01	U
SE	52	726591002	5/28/2025	Nb-95	-1.11E+01	3.14E+01	9.40E+01	U
SE	52	726591002	5/28/2025	Pb-212	4.67E+03	2.43E+02	1.05E+02	
SE	52	726591002	5/28/2025	Pb-214	3.41E+03	2.09E+02	1.19E+02	
SE	52	726591002	5/28/2025	Ra-226	3.41E+03	2.09E+02	1.19E+02	
SE	52	726591002	5/28/2025	Ru-103	1.85E+01	2.71E+01	9.38E+01	U
SE	52	726591002	5/28/2025	Ru-106	1.31E+02	1.78E+02	6.00E+02	U
SE	52	726591002	5/28/2025	Sb-124	-2.71E+01	6.52E+01	1.75E+02	U
SE	52	726591002	5/28/2025	Sb-125	1.18E+01	5.46E+01	1.72E+02	U
SE	52	726591002	5/28/2025	Se-75	3.83E+01	4.11E+01	9.18E+01	U
SE	52	726591002	5/28/2025	Th-228	4.67E+03	2.43E+02	1.05E+02	
SE	52	726591002	5/28/2025	Th-230	3.41E+03	2.09E+02	1.19E+02	
SE	52	726591002	5/28/2025	TL-208	1.26E+03	8.74E+01	6.66E+01	
SE	52	726591002	5/28/2025	Zn-65	-2.86E+01	5.37E+01	1.47E+02	U
SE	52	726591002	5/28/2025	Zr-95	0.00E+00	9.76E+01	1.82E+02	U
SE	52	754674002	11/20/2025	Ac-228	2.35E+03	2.35E+02	2.00E+02	
SE	52	754674002	11/20/2025	Ag-108m	9.70E-02	1.22E+01	4.20E+01	U
SE	52	754674002	11/20/2025	Ag-110m	-1.41E+01	2.01E+01	6.42E+01	U
SE	52	754674002	11/20/2025	Ba-140	-3.52E+01	3.50E+02	1.07E+03	U
SE	52	754674002	11/20/2025	Be-7	1.87E+02	2.09E+02	7.39E+02	U
SE	52	754674002	11/20/2025	Bi-214	1.30E+03	1.46E+02	1.12E+02	
SE	52	754674002	11/20/2025	Ce-141	-2.91E+01	4.20E+01	1.50E+02	U
SE	52	754674002	11/20/2025	Ce-144	3.27E+00	9.03E+01	3.20E+02	U
SE	52	754674002	11/20/2025	Co-57	1.16E+00	1.13E+01	4.32E+01	U
SE	52	754674002	11/20/2025	Co-58	2.89E+01	2.05E+01	7.36E+01	U
SE	52	754674002	11/20/2025	Co-60	-1.33E+01	1.68E+01	4.90E+01	U
SE	52	754674002	11/20/2025	Cr-51	3.17E+02	2.75E+02	9.97E+02	U
SE	52	754674002	11/20/2025	Cs-134	0.00E+00	6.40E+01	1.17E+02	U
SE	52	754674002	11/20/2025	Cs-137	5.54E+01	2.29E+01	7.69E+01	U
SE	52	754674002	11/20/2025	Fe-59	2.10E+01	4.40E+01	1.59E+02	U
SE	52	754674002	11/20/2025	I-131	1.40E+02	2.48E+02	8.90E+02	U
SE	52	754674002	11/20/2025	K-40	1.09E+04	8.90E+02	2.21E+02	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	52	754674002	11/20/2025	La-140	1.32E+02	1.01E+02	3.75E+02	U
SE	52	754674002	11/20/2025	Mn-54	1.93E+01	1.85E+01	6.41E+01	U
SE	52	754674002	11/20/2025	Nb-95	1.12E+00	2.77E+01	8.99E+01	U
SE	52	754674002	11/20/2025	Pb-212	2.57E+03	1.84E+02	9.03E+01	
SE	52	754674002	11/20/2025	Pb-214	1.71E+03	1.39E+02	9.94E+01	
SE	52	754674002	11/20/2025	Ra-226	1.71E+03	1.39E+02	9.94E+01	
SE	52	754674002	11/20/2025	Ru-103	-2.75E+00	2.43E+01	8.13E+01	U
SE	52	754674002	11/20/2025	Ru-106	-3.12E+02	1.75E+02	4.17E+02	U
SE	52	754674002	11/20/2025	Sb-124	1.04E+02	4.90E+01	2.00E+02	U
SE	52	754674002	11/20/2025	Sb-125	3.95E+01	4.60E+01	1.64E+02	U
SE	52	754674002	11/20/2025	Se-75	6.18E+00	2.13E+01	7.76E+01	U
SE	52	754674002	11/20/2025	Th-228	2.57E+03	1.84E+02	9.03E+01	
SE	52	754674002	11/20/2025	Th-230	1.71E+03	1.39E+02	9.94E+01	
SE	52	754674002	11/20/2025	TL-208	7.80E+02	6.89E+01	4.83E+01	
SE	52	754674002	11/20/2025	Zn-65	2.13E+01	3.44E+01	1.16E+02	U
SE	52	754674002	11/20/2025	Zr-95	1.31E+02	7.28E+01	1.56E+02	U
SE	57	726583003	5/20/2025	Ac-228	4.56E+02	9.59E+01	1.56E+02	
SE	57	726583003	5/20/2025	Ag-108m	1.18E+01	1.67E+01	3.56E+01	U
SE	57	726583003	5/20/2025	Ag-110m	8.40E-02	1.95E+01	6.76E+01	U
SE	57	726583003	5/20/2025	Ba-140	8.60E+01	2.51E+02	8.76E+02	U
SE	57	726583003	5/20/2025	Be-7	9.19E+01	1.44E+02	4.86E+02	U
SE	57	726583003	5/20/2025	Bi-214	3.34E+02	6.48E+01	6.89E+01	
SE	57	726583003	5/20/2025	Ce-141	2.14E+01	6.13E+01	8.63E+01	U
SE	57	726583003	5/20/2025	Ce-144	2.37E+00	4.91E+01	1.74E+02	U
SE	57	726583003	5/20/2025	Co-57	-3.30E+00	6.00E+00	2.08E+01	U
SE	57	726583003	5/20/2025	Co-58	8.36E+00	1.64E+01	5.56E+01	U
SE	57	726583003	5/20/2025	Co-60	5.94E+00	1.37E+01	4.73E+01	U
SE	57	726583003	5/20/2025	Cr-51	-5.84E+01	1.75E+02	6.20E+02	U
SE	57	726583003	5/20/2025	Cs-134	2.73E+01	2.39E+01	5.01E+01	U
SE	57	726583003	5/20/2025	Cs-137	-5.02E+00	1.43E+01	4.11E+01	U
SE	57	726583003	5/20/2025	Fe-59	-8.35E+01	5.75E+01	1.63E+02	U
SE	57	726583003	5/20/2025	I-131	-1.25E+01	2.07E+02	7.36E+02	U
SE	57	726583003	5/20/2025	K-40	1.74E+04	1.08E+03	3.93E+02	
SE	57	726583003	5/20/2025	La-140	-1.79E+02	1.30E+02	3.26E+02	U
SE	57	726583003	5/20/2025	Mn-54	1.50E+01	1.76E+01	5.93E+01	U
SE	57	726583003	5/20/2025	Nb-95	-2.12E+01	2.10E+01	6.04E+01	U
SE	57	726583003	5/20/2025	Pb-212	4.48E+02	4.36E+01	4.67E+01	
SE	57	726583003	5/20/2025	Pb-214	3.10E+02	5.13E+01	7.60E+01	
SE	57	726583003	5/20/2025	Ra-226	3.10E+02	5.13E+01	7.60E+01	
SE	57	726583003	5/20/2025	Ru-103	-9.44E+00	1.83E+01	6.06E+01	U
SE	57	726583003	5/20/2025	Ru-106	9.31E+01	1.05E+02	3.68E+02	U
SE	57	726583003	5/20/2025	Sb-124	-7.61E+01	3.91E+01	5.23E+01	U
SE	57	726583003	5/20/2025	Sb-125	-2.11E+01	2.99E+01	9.94E+01	U
SE	57	726583003	5/20/2025	Se-75	-1.47E+01	1.36E+01	4.07E+01	U
SE	57	726583003	5/20/2025	Th-228	4.48E+02	4.36E+01	4.67E+01	
SE	57	726583003	5/20/2025	Th-230	3.10E+02	5.13E+01	7.60E+01	
SE	57	726583003	5/20/2025	TL-208	8.74E+01	2.45E+01	3.89E+01	
SE	57	726583003	5/20/2025	Zn-65	-3.67E+01	4.14E+01	1.29E+02	U
SE	57	726583003	5/20/2025	Zr-95	1.56E+01	3.43E+01	1.16E+02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	57	754680003	11/17/2025	Ac-228	4.12E+02	1.49E+02	2.03E+02	
SE	57	754680003	11/17/2025	Ag-108m	-3.98E+00	1.32E+01	4.14E+01	U
SE	57	754680003	11/17/2025	Ag-110m	-2.65E+00	1.90E+01	6.54E+01	U
SE	57	754680003	11/17/2025	Ba-140	-1.42E+02	3.24E+02	1.01E+03	U
SE	57	754680003	11/17/2025	Be-7	1.15E+02	1.80E+02	6.27E+02	U
SE	57	754680003	11/17/2025	Bi-214	2.49E+02	7.22E+01	9.76E+01	
SE	57	754680003	11/17/2025	Ce-141	3.54E+00	3.24E+01	1.19E+02	U
SE	57	754680003	11/17/2025	Ce-144	-3.34E+01	7.36E+01	2.44E+02	U
SE	57	754680003	11/17/2025	Co-57	-7.80E+00	8.15E+00	2.77E+01	U
SE	57	754680003	11/17/2025	Co-58	-1.54E+01	2.12E+01	5.99E+01	U
SE	57	754680003	11/17/2025	Co-60	2.18E+01	1.36E+01	5.34E+01	U
SE	57	754680003	11/17/2025	Cr-51	-1.47E+02	2.28E+02	7.39E+02	U
SE	57	754680003	11/17/2025	Cs-134	-6.81E+00	1.89E+01	5.74E+01	U
SE	57	754680003	11/17/2025	Cs-137	0.00E+00	1.56E+01	3.38E+01	U
SE	57	754680003	11/17/2025	Fe-59	-3.70E+00	5.74E+01	1.95E+02	U
SE	57	754680003	11/17/2025	I-131	3.35E+02	2.87E+02	1.03E+03	U
SE	57	754680003	11/17/2025	K-40	2.02E+04	1.42E+03	3.82E+02	
SE	57	754680003	11/17/2025	La-140	-8.23E+01	8.37E+01	1.88E+02	U
SE	57	754680003	11/17/2025	Mn-54	2.50E+01	1.55E+01	5.57E+01	U
SE	57	754680003	11/17/2025	Nb-95	-9.55E+00	2.09E+01	6.27E+01	U
SE	57	754680003	11/17/2025	Pb-212	5.80E+02	6.29E+01	6.86E+01	
SE	57	754680003	11/17/2025	Pb-214	3.62E+02	7.37E+01	1.10E+02	
SE	57	754680003	11/17/2025	Ra-226	3.62E+02	7.37E+01	1.10E+02	
SE	57	754680003	11/17/2025	Ru-103	2.86E+01	2.32E+01	8.28E+01	U
SE	57	754680003	11/17/2025	Ru-106	2.27E+01	1.35E+02	4.47E+02	U
SE	57	754680003	11/17/2025	Sb-124	1.67E+01	4.08E+01	1.45E+02	U
SE	57	754680003	11/17/2025	Sb-125	-2.48E+00	3.77E+01	1.17E+02	U
SE	57	754680003	11/17/2025	Se-75	1.56E+01	2.07E+01	7.45E+01	U
SE	57	754680003	11/17/2025	Th-228	5.80E+02	6.29E+01	6.86E+01	
SE	57	754680003	11/17/2025	Th-230	3.62E+02	7.37E+01	1.10E+02	
SE	57	754680003	11/17/2025	TL-208	1.26E+02	3.45E+01	5.78E+01	
SE	57	754680003	11/17/2025	Zn-65	-9.63E+01	4.33E+01	4.55E+01	U
SE	57	754680003	11/17/2025	Zr-95	4.74E+01	3.33E+01	1.21E+02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	02	731534004	6/27/2025	Ac-228	0.00E+00	1.06E+01	1.23E+01	U
TF	02	731534004	6/27/2025	Ag-108m	9.86E-01	8.38E-01	2.82E+00	U
TF	02	731534004	6/27/2025	Ag-110m	1.01E+00	1.46E+00	4.79E+00	U
TF	02	731534004	6/27/2025	Ba-140	-1.73E+00	7.48E+00	2.46E+01	U
TF	02	731534004	6/27/2025	Be-7	1.96E+01	1.27E+01	2.79E+01	U
TF	02	731534004	6/27/2025	Ce-141	-2.22E+00	2.49E+00	5.54E+00	U
TF	02	731534004	6/27/2025	Ce-144	-2.52E+00	5.11E+00	1.61E+01	U
TF	02	731534004	6/27/2025	Co-57	-2.65E-01	7.07E-01	2.08E+00	U
TF	02	731534004	6/27/2025	Co-58	5.33E-01	1.09E+00	3.59E+00	U
TF	02	731534004	6/27/2025	Co-60	6.02E-02	1.13E+00	3.79E+00	U
TF	02	731534004	6/27/2025	Cr-51	-1.02E+00	9.09E+00	3.10E+01	U
TF	02	731534004	6/27/2025	Cs-134	-1.65E-01	1.15E+00	3.70E+00	U
TF	02	731534004	6/27/2025	Cs-137	3.68E-01	9.83E-01	3.26E+00	U
TF	02	731534004	6/27/2025	Fe-59	-2.80E+00	2.82E+00	8.14E+00	U
TF	02	731534004	6/27/2025	I-131	3.61E+00	3.47E+00	1.18E+01	U
TF	02	731534004	6/27/2025	K-40	1.70E+03	9.25E+01	3.00E+01	
TF	02	731534004	6/27/2025	La-140	6.25E-03	2.08E+00	6.38E+00	U
TF	02	731534004	6/27/2025	Mn-54	1.52E+00	1.16E+00	3.77E+00	U
TF	02	731534004	6/27/2025	Nb-95	-1.64E+00	1.15E+00	3.23E+00	U
TF	02	731534004	6/27/2025	Ru-103	4.96E-01	1.06E+00	3.56E+00	U
TF	02	731534004	6/27/2025	Ru-106	5.56E+00	8.88E+00	2.97E+01	U
TF	02	731534004	6/27/2025	Sb-124	-1.05E+00	2.55E+00	8.07E+00	U
TF	02	731534004	6/27/2025	Sb-125	3.79E+00	2.81E+00	7.89E+00	U
TF	02	731534004	6/27/2025	Se-75	1.13E+00	1.14E+00	3.60E+00	U
TF	02	731534004	6/27/2025	Th-228	-3.35E+00	2.53E+00	6.12E+00	U
TF	02	731534004	6/27/2025	Th-230	5.28E+00	4.20E+00	6.07E+00	U
TF	02	731534004	6/27/2025	Zn-65	-7.80E-01	2.70E+00	7.93E+00	U
TF	02	731534004	6/27/2025	Zr-95	1.55E+00	2.25E+00	6.73E+00	U
TF	02	735387004	7/22/2025	Ac-228	6.79E-01	1.12E+01	1.72E+01	U
TF	02	735387004	7/22/2025	Ag-108m	-3.81E+00	1.76E+00	3.00E+00	U
TF	02	735387004	7/22/2025	Ag-110m	-6.63E-01	1.67E+00	5.59E+00	U
TF	02	735387004	7/22/2025	Ba-140	-3.62E+01	2.00E+01	4.44E+01	U
TF	02	735387004	7/22/2025	Be-7	-7.67E+00	1.28E+01	3.62E+01	U
TF	02	735387004	7/22/2025	Ce-141	3.88E+00	2.47E+00	7.95E+00	U
TF	02	735387004	7/22/2025	Ce-144	-1.25E+01	6.38E+00	1.66E+01	U
TF	02	735387004	7/22/2025	Co-57	1.99E-01	7.72E-01	2.54E+00	U
TF	02	735387004	7/22/2025	Co-58	-1.45E-01	1.24E+00	4.26E+00	U
TF	02	735387004	7/22/2025	Co-60	-6.76E-01	1.01E+00	3.06E+00	U
TF	02	735387004	7/22/2025	Cr-51	-1.26E+01	1.82E+01	5.35E+01	U
TF	02	735387004	7/22/2025	Cs-134	-9.03E-01	1.03E+00	3.27E+00	U
TF	02	735387004	7/22/2025	Cs-137	9.16E-01	1.04E+00	3.74E+00	U
TF	02	735387004	7/22/2025	Fe-59	-7.64E-01	3.05E+00	1.01E+01	U
TF	02	735387004	7/22/2025	I-131	1.13E+01	1.14E+01	3.61E+01	U
TF	02	735387004	7/22/2025	K-40	2.13E+03	1.29E+02	3.28E+01	
TF	02	735387004	7/22/2025	La-140	-2.25E+00	4.63E+00	1.41E+01	U
TF	02	735387004	7/22/2025	Mn-54	-4.22E-01	1.18E+00	3.97E+00	U
TF	02	735387004	7/22/2025	Nb-95	-2.56E+00	2.66E+00	4.69E+00	U
TF	02	735387004	7/22/2025	Ru-103	6.87E-01	1.72E+00	5.27E+00	U
TF	02	735387004	7/22/2025	Ru-106	4.55E+00	9.52E+00	3.41E+01	U
TF	02	735387004	7/22/2025	Sb-124	4.45E+00	5.92E+00	8.84E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	02	735387004	7/22/2025	Sb-125	9.60E-01	3.26E+00	1.01E+01	U
TF	02	735387004	7/22/2025	Se-75	-1.32E+00	1.47E+00	4.26E+00	U
TF	02	735387004	7/22/2025	Th-228	9.87E-01	4.48E+00	6.56E+00	U
TF	02	735387004	7/22/2025	Th-230	-2.52E+00	3.73E+00	8.10E+00	U
TF	02	735387004	7/22/2025	Zn-65	-1.65E+00	2.41E+00	7.60E+00	U
TF	02	735387004	7/22/2025	Zr-95	9.90E-01	2.51E+00	8.36E+00	U
TF	02	739269001	8/19/2025	Ac-228	-9.64E+00	1.59E+01	4.38E+01	U
TF	02	739269001	8/19/2025	Ag-108m	7.45E+00	4.50E+00	9.35E+00	U
TF	02	739269001	8/19/2025	Ag-110m	-3.67E+00	5.00E+00	1.27E+01	U
TF	02	739269001	8/19/2025	Ba-140	-2.27E+01	1.56E+01	3.69E+01	U
TF	02	739269001	8/19/2025	Be-7	-1.33E+01	2.36E+01	7.63E+01	U
TF	02	739269001	8/19/2025	Ce-141	-1.77E+00	3.95E+00	1.27E+01	U
TF	02	739269001	8/19/2025	Ce-144	4.78E+00	1.59E+01	5.36E+01	U
TF	02	739269001	8/19/2025	Co-57	-6.66E-01	2.02E+00	6.64E+00	U
TF	02	739269001	8/19/2025	Co-58	5.98E-02	3.20E+00	1.06E+01	U
TF	02	739269001	8/19/2025	Co-60	1.05E-01	3.70E+00	1.26E+01	U
TF	02	739269001	8/19/2025	Cr-51	-1.49E+01	2.35E+01	6.96E+01	U
TF	02	739269001	8/19/2025	Cs-134	4.34E+00	3.06E+00	1.12E+01	U
TF	02	739269001	8/19/2025	Cs-137	9.05E+00	4.37E+00	9.30E+00	U
TF	02	739269001	8/19/2025	Fe-59	-6.19E+00	7.53E+00	2.13E+01	U
TF	02	739269001	8/19/2025	I-131	4.27E+00	4.46E+00	1.46E+01	U
TF	02	739269001	8/19/2025	K-40	2.56E+03	2.06E+02	1.05E+02	
TF	02	739269001	8/19/2025	La-140	-4.22E+00	3.01E+00	5.37E+00	U
TF	02	739269001	8/19/2025	Mn-54	-1.99E+00	3.42E+00	1.05E+01	U
TF	02	739269001	8/19/2025	Nb-95	1.04E+00	3.67E+00	1.24E+01	U
TF	02	739269001	8/19/2025	Ru-103	-6.50E-01	2.64E+00	8.81E+00	U
TF	02	739269001	8/19/2025	Ru-106	-4.85E+01	3.14E+01	8.41E+01	U
TF	02	739269001	8/19/2025	Sb-124	-6.16E+00	7.57E+00	2.11E+01	U
TF	02	739269001	8/19/2025	Sb-125	3.89E-01	7.09E+00	2.45E+01	U
TF	02	739269001	8/19/2025	Se-75	-1.78E+00	3.69E+00	1.14E+01	U
TF	02	739269001	8/19/2025	Th-228	8.27E+00	8.64E+00	1.54E+01	U
TF	02	739269001	8/19/2025	Th-230	6.65E+00	9.31E+00	2.38E+01	U
TF	02	739269001	8/19/2025	Zn-65	-1.17E+01	8.75E+00	2.21E+01	U
TF	02	739269001	8/19/2025	Zr-95	1.16E+00	6.39E+00	2.14E+01	U
TF	03	731534005	6/27/2025	Ac-228	2.35E-01	7.51E+00	1.55E+01	U
TF	03	731534005	6/27/2025	Ag-108m	-1.93E+00	9.56E-01	2.60E+00	U
TF	03	731534005	6/27/2025	Ag-110m	-2.94E+00	2.26E+00	4.92E+00	U
TF	03	731534005	6/27/2025	Ba-140	-3.12E+00	8.71E+00	2.86E+01	U
TF	03	731534005	6/27/2025	Be-7	8.17E+00	1.02E+01	3.50E+01	U
TF	03	731534005	6/27/2025	Ce-141	-9.01E+00	3.89E+00	7.07E+00	U
TF	03	731534005	6/27/2025	Ce-144	-1.60E+00	6.09E+00	1.98E+01	U
TF	03	731534005	6/27/2025	Co-57	-9.46E-01	9.44E-01	2.71E+00	U
TF	03	731534005	6/27/2025	Co-58	-9.69E-01	1.23E+00	3.55E+00	U
TF	03	731534005	6/27/2025	Co-60	2.94E+00	1.40E+00	4.68E+00	U
TF	03	731534005	6/27/2025	Cr-51	-2.41E+00	1.29E+01	3.99E+01	U
TF	03	731534005	6/27/2025	Cs-134	1.24E+00	1.16E+00	3.87E+00	U
TF	03	731534005	6/27/2025	Cs-137	1.56E+00	1.21E+00	4.05E+00	U
TF	03	731534005	6/27/2025	Fe-59	3.60E+00	3.14E+00	1.03E+01	U
TF	03	731534005	6/27/2025	I-131	-8.49E+00	5.86E+00	1.45E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	03	731534005	6/27/2025	K-40	8.81E+02	7.08E+01	3.72E+01	
TF	03	731534005	6/27/2025	La-140	2.43E+00	3.52E+00	1.21E+01	U
TF	03	731534005	6/27/2025	Mn-54	-4.92E-01	1.59E+00	3.48E+00	U
TF	03	731534005	6/27/2025	Nb-95	-3.19E-01	1.20E+00	3.84E+00	U
TF	03	731534005	6/27/2025	Ru-103	-1.48E+00	1.28E+00	3.94E+00	U
TF	03	731534005	6/27/2025	Ru-106	1.27E+00	9.42E+00	3.14E+01	U
TF	03	731534005	6/27/2025	Sb-124	2.36E+00	2.87E+00	9.07E+00	U
TF	03	731534005	6/27/2025	Sb-125	3.16E+00	2.65E+00	9.08E+00	U
TF	03	731534005	6/27/2025	Se-75	-3.09E+00	1.68E+00	4.42E+00	U
TF	03	731534005	6/27/2025	Th-228	-8.82E-01	3.06E+00	7.04E+00	U
TF	03	731534005	6/27/2025	Th-230	-6.80E+00	3.72E+00	8.25E+00	U
TF	03	731534005	6/27/2025	Zn-65	-1.72E+00	3.07E+00	8.17E+00	U
TF	03	731534005	6/27/2025	Zr-95	-1.79E+00	2.21E+00	6.78E+00	U
TF	03	735387005	7/22/2025	Ac-228	-1.01E+01	7.43E+00	2.07E+01	U
TF	03	735387005	7/22/2025	Ag-108m	-6.99E-02	9.48E-01	3.08E+00	U
TF	03	735387005	7/22/2025	Ag-110m	2.22E+00	1.95E+00	6.85E+00	U
TF	03	735387005	7/22/2025	Ba-140	-1.47E+00	1.51E+01	5.15E+01	U
TF	03	735387005	7/22/2025	Be-7	-2.40E+00	1.08E+01	3.70E+01	U
TF	03	735387005	7/22/2025	Ce-141	2.39E+00	8.28E+00	7.86E+00	U
TF	03	735387005	7/22/2025	Ce-144	-9.61E+00	6.81E+00	1.85E+01	U
TF	03	735387005	7/22/2025	Co-57	-4.90E-01	9.06E-01	2.77E+00	U
TF	03	735387005	7/22/2025	Co-58	3.76E-01	1.49E+00	5.08E+00	U
TF	03	735387005	7/22/2025	Co-60	-9.91E-01	1.50E+00	4.37E+00	U
TF	03	735387005	7/22/2025	Cr-51	2.19E+00	1.72E+01	5.19E+01	U
TF	03	735387005	7/22/2025	Cs-134	2.37E+00	1.53E+00	5.36E+00	U
TF	03	735387005	7/22/2025	Cs-137	-6.10E-01	1.23E+00	4.00E+00	U
TF	03	735387005	7/22/2025	Fe-59	4.21E+00	3.74E+00	1.32E+01	U
TF	03	735387005	7/22/2025	I-131	7.59E+00	1.05E+01	3.30E+01	U
TF	03	735387005	7/22/2025	K-40	2.18E+03	1.39E+02	3.47E+01	
TF	03	735387005	7/22/2025	La-140	-4.40E+00	4.87E+00	1.18E+01	U
TF	03	735387005	7/22/2025	Mn-54	1.70E+00	1.20E+00	4.28E+00	U
TF	03	735387005	7/22/2025	Nb-95	1.02E+00	1.14E+00	4.12E+00	U
TF	03	735387005	7/22/2025	Ru-103	-3.69E+00	1.62E+00	3.67E+00	U
TF	03	735387005	7/22/2025	Ru-106	-8.43E+00	8.72E+00	2.63E+01	U
TF	03	735387005	7/22/2025	Sb-124	-4.44E+00	3.79E+00	8.68E+00	U
TF	03	735387005	7/22/2025	Sb-125	-8.15E-01	2.73E+00	8.67E+00	U
TF	03	735387005	7/22/2025	Se-75	-1.24E+00	1.64E+00	4.60E+00	U
TF	03	735387005	7/22/2025	Th-228	1.47E+00	5.57E+00	7.30E+00	U
TF	03	735387005	7/22/2025	Th-230	-3.45E+00	3.45E+00	8.15E+00	U
TF	03	735387005	7/22/2025	Zn-65	1.24E+00	3.02E+00	1.02E+01	U
TF	03	735387005	7/22/2025	Zr-95	6.67E-01	2.68E+00	9.19E+00	U
TF	03	739269002	8/19/2025	Ac-228	3.95E+01	2.27E+01	5.57E+01	U
TF	03	739269002	8/19/2025	Ag-108m	1.16E+00	3.10E+00	1.06E+01	U
TF	03	739269002	8/19/2025	Ag-110m	-8.88E-01	6.18E+00	2.05E+01	U
TF	03	739269002	8/19/2025	Ba-140	5.61E+00	1.64E+01	5.50E+01	U
TF	03	739269002	8/19/2025	Be-7	3.89E+01	3.75E+01	1.29E+02	U
TF	03	739269002	8/19/2025	Ce-141	-7.14E+00	5.93E+00	1.78E+01	U
TF	03	739269002	8/19/2025	Ce-144	-4.75E+00	2.06E+01	6.76E+01	U
TF	03	739269002	8/19/2025	Co-57	2.41E+00	2.66E+00	9.07E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	03	739269002	8/19/2025	Co-58	1.04E+00	4.03E+00	1.39E+01	U
TF	03	739269002	8/19/2025	Co-60	8.56E+00	5.28E+00	1.87E+01	U
TF	03	739269002	8/19/2025	Cr-51	-2.77E+00	3.04E+01	1.04E+02	U
TF	03	739269002	8/19/2025	Cs-134	-4.69E-01	4.56E+00	1.53E+01	U
TF	03	739269002	8/19/2025	Cs-137	-6.24E+00	5.04E+00	1.38E+01	U
TF	03	739269002	8/19/2025	Fe-59	6.98E+00	7.34E+00	2.61E+01	U
TF	03	739269002	8/19/2025	I-131	-1.68E+00	4.66E+00	1.54E+01	U
TF	03	739269002	8/19/2025	K-40	3.03E+03	2.40E+02	1.40E+02	
TF	03	739269002	8/19/2025	La-140	8.75E-01	4.24E+00	1.47E+01	U
TF	03	739269002	8/19/2025	Mn-54	3.76E+00	4.56E+00	1.60E+01	U
TF	03	739269002	8/19/2025	Nb-95	-5.69E+00	4.74E+00	1.27E+01	U
TF	03	739269002	8/19/2025	Ru-103	2.53E+00	3.64E+00	1.25E+01	U
TF	03	739269002	8/19/2025	Ru-106	6.14E+01	3.83E+01	1.31E+02	U
TF	03	739269002	8/19/2025	Sb-124	-6.60E+00	9.98E+00	2.97E+01	U
TF	03	739269002	8/19/2025	Sb-125	-6.84E+00	1.07E+01	3.38E+01	U
TF	03	739269002	8/19/2025	Se-75	6.52E+00	4.81E+00	1.57E+01	U
TF	03	739269002	8/19/2025	Th-228	-1.13E+01	9.33E+00	2.79E+01	U
TF	03	739269002	8/19/2025	Th-230	9.74E+00	1.72E+01	3.48E+01	U
TF	03	739269002	8/19/2025	Zn-65	-5.98E+00	1.24E+01	3.71E+01	U
TF	03	739269002	8/19/2025	Zr-95	8.64E+00	8.23E+00	2.77E+01	U
TF	06	731534006	6/27/2025	Ac-228	0.00E+00	1.99E+01	3.61E+01	U
TF	06	731534006	6/27/2025	Ag-108m	-8.99E-01	1.61E+00	5.22E+00	U
TF	06	731534006	6/27/2025	Ag-110m	3.00E+00	2.45E+00	7.91E+00	U
TF	06	731534006	6/27/2025	Ba-140	1.58E+01	1.57E+01	5.20E+01	U
TF	06	731534006	6/27/2025	Be-7	1.25E+01	1.82E+01	6.07E+01	U
TF	06	731534006	6/27/2025	Ce-141	5.78E+00	6.19E+00	1.25E+01	U
TF	06	731534006	6/27/2025	Ce-144	-1.93E+01	1.29E+01	3.75E+01	U
TF	06	731534006	6/27/2025	Co-57	-6.34E-01	1.51E+00	4.79E+00	U
TF	06	731534006	6/27/2025	Co-58	-2.61E+00	2.04E+00	5.80E+00	U
TF	06	731534006	6/27/2025	Co-60	7.77E-01	1.95E+00	6.56E+00	U
TF	06	731534006	6/27/2025	Cr-51	2.21E+01	2.18E+01	7.34E+01	U
TF	06	731534006	6/27/2025	Cs-134	1.47E+00	2.05E+00	6.65E+00	U
TF	06	731534006	6/27/2025	Cs-137	-1.78E+00	1.94E+00	5.91E+00	U
TF	06	731534006	6/27/2025	Fe-59	-7.84E+00	5.00E+00	1.44E+01	U
TF	06	731534006	6/27/2025	I-131	1.36E+00	7.05E+00	2.38E+01	U
TF	06	731534006	6/27/2025	K-40	1.54E+03	1.13E+02	6.21E+01	
TF	06	731534006	6/27/2025	La-140	-2.41E+00	5.12E+00	1.60E+01	U
TF	06	731534006	6/27/2025	Mn-54	-9.60E-01	1.90E+00	5.86E+00	U
TF	06	731534006	6/27/2025	Nb-95	-3.39E-01	2.08E+00	6.61E+00	U
TF	06	731534006	6/27/2025	Ru-103	1.41E+00	2.22E+00	7.40E+00	U
TF	06	731534006	6/27/2025	Ru-106	-1.61E+01	1.67E+01	5.10E+01	U
TF	06	731534006	6/27/2025	Sb-124	1.99E-01	4.84E+00	1.57E+01	U
TF	06	731534006	6/27/2025	Sb-125	2.44E+00	4.81E+00	1.61E+01	U
TF	06	731534006	6/27/2025	Se-75	9.60E-01	2.47E+00	8.47E+00	U
TF	06	731534006	6/27/2025	Th-228	2.11E+00	5.85E+00	1.24E+01	U
TF	06	731534006	6/27/2025	Th-230	-1.15E+01	6.65E+00	1.53E+01	U
TF	06	731534006	6/27/2025	Zn-65	-8.40E+00	4.60E+00	1.27E+01	U
TF	06	731534006	6/27/2025	Zr-95	0.00E+00	4.95E+00	1.37E+01	U
TF	06	735387006	7/22/2025	Ac-228	-7.51E+00	7.37E+00	2.06E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	06	735387006	7/22/2025	Ag-108m	3.31E-01	1.04E+00	3.28E+00	U
TF	06	735387006	7/22/2025	Ag-110m	-1.08E+00	1.59E+00	4.59E+00	U
TF	06	735387006	7/22/2025	Ba-140	1.28E+01	2.07E+01	6.57E+01	U
TF	06	735387006	7/22/2025	Be-7	1.17E+01	1.44E+01	4.65E+01	U
TF	06	735387006	7/22/2025	Ce-141	-1.50E+00	2.62E+00	8.19E+00	U
TF	06	735387006	7/22/2025	Ce-144	2.99E+00	7.50E+00	2.51E+01	U
TF	06	735387006	7/22/2025	Co-57	-4.82E-01	9.55E-01	3.04E+00	U
TF	06	735387006	7/22/2025	Co-58	2.21E+00	1.43E+00	5.29E+00	U
TF	06	735387006	7/22/2025	Co-60	-3.13E-01	1.16E+00	3.74E+00	U
TF	06	735387006	7/22/2025	Cr-51	-7.92E+00	1.81E+01	5.42E+01	U
TF	06	735387006	7/22/2025	Cs-134	-8.07E-01	1.19E+00	3.83E+00	U
TF	06	735387006	7/22/2025	Cs-137	-8.80E-01	1.35E+00	3.59E+00	U
TF	06	735387006	7/22/2025	Fe-59	6.69E+00	4.75E+00	1.64E+01	U
TF	06	735387006	7/22/2025	I-131	-1.73E+00	1.34E+01	4.09E+01	U
TF	06	735387006	7/22/2025	K-40	2.90E+03	1.94E+02	3.36E+01	
TF	06	735387006	7/22/2025	La-140	-6.10E+00	4.66E+00	9.09E+00	U
TF	06	735387006	7/22/2025	Mn-54	-1.72E-02	1.14E+00	3.96E+00	U
TF	06	735387006	7/22/2025	Nb-95	1.04E+00	1.77E+00	6.38E+00	U
TF	06	735387006	7/22/2025	Ru-103	-1.87E+00	1.77E+00	4.51E+00	U
TF	06	735387006	7/22/2025	Ru-106	2.44E+01	1.24E+01	4.10E+01	U
TF	06	735387006	7/22/2025	Sb-124	2.50E+00	3.12E+00	1.17E+01	U
TF	06	735387006	7/22/2025	Sb-125	1.70E+00	3.58E+00	1.13E+01	U
TF	06	735387006	7/22/2025	Se-75	-2.65E+00	1.76E+00	4.51E+00	U
TF	06	735387006	7/22/2025	Th-228	-7.13E-01	2.97E+00	8.84E+00	U
TF	06	735387006	7/22/2025	Th-230	0.00E+00	9.14E+00	8.53E+00	U
TF	06	735387006	7/22/2025	Zn-65	-2.86E+00	3.56E+00	1.00E+01	U
TF	06	735387006	7/22/2025	Zr-95	-9.19E-01	2.48E+00	8.37E+00	U
TF	06	739269003	8/19/2025	Ac-228	2.01E+01	2.38E+01	7.05E+01	U
TF	06	739269003	8/19/2025	Ag-108m	4.09E-01	3.30E+00	1.05E+01	U
TF	06	739269003	8/19/2025	Ag-110m	1.56E+00	4.29E+00	1.50E+01	U
TF	06	739269003	8/19/2025	Ba-140	-8.85E+00	1.60E+01	4.88E+01	U
TF	06	739269003	8/19/2025	Be-7	8.32E+01	3.84E+01	9.56E+01	U
TF	06	739269003	8/19/2025	Ce-141	-2.54E+00	4.97E+00	1.52E+01	U
TF	06	739269003	8/19/2025	Ce-144	9.15E-01	2.00E+01	6.42E+01	U
TF	06	739269003	8/19/2025	Co-57	-1.01E+00	2.61E+00	8.18E+00	U
TF	06	739269003	8/19/2025	Co-58	4.15E+00	4.40E+00	1.56E+01	U
TF	06	739269003	8/19/2025	Co-60	4.20E+00	4.64E+00	1.65E+01	U
TF	06	739269003	8/19/2025	Cr-51	2.91E+01	3.35E+01	1.16E+02	U
TF	06	739269003	8/19/2025	Cs-134	2.14E+00	4.53E+00	1.49E+01	U
TF	06	739269003	8/19/2025	Cs-137	7.37E-01	3.18E+00	1.05E+01	U
TF	06	739269003	8/19/2025	Fe-59	3.07E+01	1.48E+01	3.14E+01	U
TF	06	739269003	8/19/2025	I-131	-5.10E+00	4.50E+00	1.32E+01	U
TF	06	739269003	8/19/2025	K-40	1.94E+03	1.90E+02	8.29E+01	
TF	06	739269003	8/19/2025	La-140	1.32E+00	4.75E+00	1.67E+01	U
TF	06	739269003	8/19/2025	Mn-54	1.31E-01	3.77E+00	1.28E+01	U
TF	06	739269003	8/19/2025	Nb-95	2.17E+00	4.36E+00	1.52E+01	U
TF	06	739269003	8/19/2025	Ru-103	1.58E+00	3.37E+00	1.14E+01	U
TF	06	739269003	8/19/2025	Ru-106	5.62E+01	3.75E+01	1.29E+02	U
TF	06	739269003	8/19/2025	Sb-124	1.28E+01	9.09E+00	3.53E+01	U
TF	06	739269003	8/19/2025	Sb-125	-9.04E-01	9.96E+00	3.27E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	06	739269003	8/19/2025	Se-75	3.65E+00	4.29E+00	1.50E+01	U
TF	06	739269003	8/19/2025	Th-228	-3.84E+00	7.63E+00	2.55E+01	U
TF	06	739269003	8/19/2025	Th-230	-6.23E+00	1.01E+01	3.15E+01	U
TF	06	739269003	8/19/2025	Zn-65	-2.03E+00	9.77E+00	3.14E+01	U
TF	06	739269003	8/19/2025	Zr-95	7.26E+00	6.86E+00	2.47E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	08	727299001	5/29/2025	Ac-228	6.26E+01	5.32E+01	1.02E+02	U
TG	08	727299001	5/29/2025	Ag-108m	-1.89E+00	4.81E+00	1.60E+01	U
TG	08	727299001	5/29/2025	Ag-110m	1.68E+00	9.30E+00	3.03E+01	U
TG	08	727299001	5/29/2025	Ba-140	2.38E+01	4.07E+01	1.40E+02	U
TG	08	727299001	5/29/2025	Be-7	3.89E+02	1.16E+02	1.90E+02	
TG	08	727299001	5/29/2025	Ce-141	-2.32E+01	1.36E+01	3.28E+01	U
TG	08	727299001	5/29/2025	Ce-144	4.06E+00	3.36E+01	1.12E+02	U
TG	08	727299001	5/29/2025	Co-57	2.65E+00	4.50E+00	1.51E+01	U
TG	08	727299001	5/29/2025	Co-58	1.22E+01	7.35E+00	2.07E+01	U
TG	08	727299001	5/29/2025	Co-60	-3.57E+00	6.99E+00	2.21E+01	U
TG	08	727299001	5/29/2025	Cr-51	-1.05E+01	6.37E+01	1.97E+02	U
TG	08	727299001	5/29/2025	Cs-134	5.87E+00	6.40E+00	2.18E+01	U
TG	08	727299001	5/29/2025	Cs-137	1.28E+00	5.54E+00	1.85E+01	U
TG	08	727299001	5/29/2025	Fe-59	2.74E+00	1.18E+01	4.07E+01	U
TG	08	727299001	5/29/2025	I-131	-4.78E+00	1.54E+01	5.18E+01	U
TG	08	727299001	5/29/2025	K-40	4.61E+03	3.80E+02	1.91E+02	
TG	08	727299001	5/29/2025	La-140	-1.32E+01	1.35E+01	3.72E+01	U
TG	08	727299001	5/29/2025	Mn-54	6.38E-01	6.10E+00	1.99E+01	U
TG	08	727299001	5/29/2025	Nb-95	6.76E+00	8.59E+00	2.61E+01	U
TG	08	727299001	5/29/2025	Ru-103	-1.01E+00	6.14E+00	2.05E+01	U
TG	08	727299001	5/29/2025	Ru-106	-9.28E+00	5.51E+01	1.61E+02	U
TG	08	727299001	5/29/2025	Sb-124	-3.58E+00	1.29E+01	4.02E+01	U
TG	08	727299001	5/29/2025	Sb-125	-7.40E+00	1.48E+01	4.88E+01	U
TG	08	727299001	5/29/2025	Se-75	5.34E+00	7.74E+00	2.50E+01	U
TG	08	727299001	5/29/2025	Th-228	0.00E+00	1.93E+01	3.90E+01	U
TG	08	727299001	5/29/2025	Th-230	1.32E+00	2.13E+01	4.95E+01	U
TG	08	727299001	5/29/2025	Zn-65	2.28E+01	1.48E+01	5.20E+01	U
TG	08	727299001	5/29/2025	Zr-95	-1.40E+01	1.16E+01	3.27E+01	U
TG	08	731534001	6/27/2025	Ac-228	-3.64E+01	2.12E+01	5.47E+01	U
TG	08	731534001	6/27/2025	Ag-108m	-2.48E+00	2.83E+00	8.69E+00	U
TG	08	731534001	6/27/2025	Ag-110m	2.46E+00	4.85E+00	1.66E+01	U
TG	08	731534001	6/27/2025	Ba-140	1.11E+01	2.92E+01	9.55E+01	U
TG	08	731534001	6/27/2025	Be-7	4.60E+02	9.29E+01	1.01E+02	
TG	08	731534001	6/27/2025	Ce-141	-4.42E+00	5.88E+00	1.95E+01	U
TG	08	731534001	6/27/2025	Ce-144	-7.37E+00	1.96E+01	6.01E+01	U
TG	08	731534001	6/27/2025	Co-57	1.49E+00	2.55E+00	8.04E+00	U
TG	08	731534001	6/27/2025	Co-58	5.19E+00	4.35E+00	1.11E+01	U
TG	08	731534001	6/27/2025	Co-60	6.99E+00	4.66E+00	1.56E+01	U
TG	08	731534001	6/27/2025	Cr-51	-3.74E+01	3.61E+01	1.12E+02	U
TG	08	731534001	6/27/2025	Cs-134	7.27E-01	3.92E+00	1.34E+01	U
TG	08	731534001	6/27/2025	Cs-137	3.39E+00	4.80E+00	1.25E+01	U
TG	08	731534001	6/27/2025	Fe-59	1.02E+00	9.03E+00	3.00E+01	U
TG	08	731534001	6/27/2025	I-131	1.82E+01	1.52E+01	5.01E+01	U
TG	08	731534001	6/27/2025	K-40	3.81E+03	2.55E+02	1.18E+02	
TG	08	731534001	6/27/2025	La-140	1.85E+01	1.07E+01	3.66E+01	U
TG	08	731534001	6/27/2025	Mn-54	-2.99E+00	3.50E+00	1.11E+01	U
TG	08	731534001	6/27/2025	Nb-95	5.60E+00	4.05E+00	1.38E+01	U
TG	08	731534001	6/27/2025	Ru-103	-9.45E+00	4.49E+00	1.12E+01	U
TG	08	731534001	6/27/2025	Ru-106	2.38E+01	3.20E+01	1.04E+02	U
TG	08	731534001	6/27/2025	Sb-124	7.47E+00	8.53E+00	2.92E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	08	731534001	6/27/2025	Sb-125	-3.63E-01	8.57E+00	2.80E+01	U
TG	08	731534001	6/27/2025	Se-75	-7.78E+00	6.63E+00	1.34E+01	U
TG	08	731534001	6/27/2025	Th-228	0.00E+00	1.43E+01	2.37E+01	U
TG	08	731534001	6/27/2025	Th-230	2.12E+00	1.46E+01	2.60E+01	U
TG	08	731534001	6/27/2025	Zn-65	-5.07E+00	8.52E+00	2.70E+01	U
TG	08	731534001	6/27/2025	Zr-95	-1.72E+00	6.88E+00	2.30E+01	U
TG	08	735387001	7/23/2025	Ac-228	-2.59E+01	2.84E+01	4.39E+01	U
TG	08	735387001	7/23/2025	Ag-108m	-9.02E+00	6.10E+00	8.49E+00	U
TG	08	735387001	7/23/2025	Ag-110m	-1.82E+00	3.60E+00	1.21E+01	U
TG	08	735387001	7/23/2025	Ba-140	4.26E+01	1.08E+02	1.42E+02	U
TG	08	735387001	7/23/2025	Be-7	6.68E+02	8.26E+01	9.46E+01	
TG	08	735387001	7/23/2025	Ce-141	-1.99E+00	5.68E+00	1.81E+01	U
TG	08	735387001	7/23/2025	Ce-144	6.44E+00	1.36E+01	4.46E+01	U
TG	08	735387001	7/23/2025	Co-57	-1.13E+00	1.78E+00	5.64E+00	U
TG	08	735387001	7/23/2025	Co-58	-1.67E+00	3.28E+00	1.11E+01	U
TG	08	735387001	7/23/2025	Co-60	-4.18E-01	2.44E+00	8.06E+00	U
TG	08	735387001	7/23/2025	Cr-51	2.65E+01	4.09E+01	1.28E+02	U
TG	08	735387001	7/23/2025	Cs-134	-1.62E+00	2.71E+00	9.09E+00	U
TG	08	735387001	7/23/2025	Cs-137	0.00E+00	7.17E+00	8.01E+00	U
TG	08	735387001	7/23/2025	Fe-59	5.37E+00	6.99E+00	2.42E+01	U
TG	08	735387001	7/23/2025	I-131	2.29E+01	3.22E+01	9.98E+01	U DL
TG	08	735387001	7/23/2025	K-40	2.78E+03	1.92E+02	6.75E+01	
TG	08	735387001	7/23/2025	La-140	-1.03E+01	1.07E+01	3.12E+01	U
TG	08	735387001	7/23/2025	Mn-54	-1.91E+00	2.63E+00	8.74E+00	U
TG	08	735387001	7/23/2025	Nb-95	-1.11E+01	1.10E+01	1.16E+01	U
TG	08	735387001	7/23/2025	Ru-103	-5.51E+00	4.33E+00	1.17E+01	U
TG	08	735387001	7/23/2025	Ru-106	-5.97E+00	2.18E+01	7.58E+01	U
TG	08	735387001	7/23/2025	Sb-124	-1.34E+00	6.67E+00	2.15E+01	U
TG	08	735387001	7/23/2025	Sb-125	-4.03E-01	7.17E+00	2.17E+01	U
TG	08	735387001	7/23/2025	Se-75	3.70E+00	3.49E+00	1.09E+01	U
TG	08	735387001	7/23/2025	Th-228	1.36E+00	1.19E+01	1.74E+01	U
TG	08	735387001	7/23/2025	Th-230	0.00E+00	1.84E+01	2.22E+01	U
TG	08	735387001	7/23/2025	Zn-65	3.36E+00	5.42E+00	1.87E+01	U
TG	08	735387001	7/23/2025	Zr-95	-4.80E+00	5.16E+00	1.69E+01	U
TG	08	739270001	8/19/2025	Ac-228	-4.85E+01	4.27E+01	1.15E+02	U
TG	08	739270001	8/19/2025	Ag-108m	-3.04E+00	7.32E+00	2.13E+01	U
TG	08	739270001	8/19/2025	Ag-110m	-8.89E+00	1.25E+01	3.40E+01	U
TG	08	739270001	8/19/2025	Ba-140	3.63E+00	2.72E+01	8.34E+01	U
TG	08	739270001	8/19/2025	Be-7	6.47E+02	1.42E+02	1.78E+02	
TG	08	739270001	8/19/2025	Ce-141	1.26E-01	1.26E+01	3.82E+01	U
TG	08	739270001	8/19/2025	Ce-144	-7.07E+01	5.24E+01	1.50E+02	U
TG	08	739270001	8/19/2025	Co-57	6.72E-01	6.36E+00	2.11E+01	U
TG	08	739270001	8/19/2025	Co-58	-1.15E+01	8.63E+00	2.20E+01	U
TG	08	739270001	8/19/2025	Co-60	-1.99E+01	1.10E+01	2.36E+01	U
TG	08	739270001	8/19/2025	Cr-51	1.75E+00	7.49E+01	2.34E+02	U
TG	08	739270001	8/19/2025	Cs-134	-8.62E+00	7.84E+00	2.05E+01	U
TG	08	739270001	8/19/2025	Cs-137	-1.07E+01	8.77E+00	2.26E+01	U
TG	08	739270001	8/19/2025	Fe-59	1.04E+01	1.77E+01	5.98E+01	U
TG	08	739270001	8/19/2025	I-131	-1.89E+00	9.99E+00	3.38E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	08	739270001	8/19/2025	K-40	4.38E+03	4.63E+02	3.87E+02	
TG	08	739270001	8/19/2025	La-140	1.07E-01	7.61E+00	2.53E+01	U
TG	08	739270001	8/19/2025	Mn-54	-9.34E+00	7.92E+00	2.06E+01	U
TG	08	739270001	8/19/2025	Nb-95	5.70E+00	1.00E+01	3.40E+01	U
TG	08	739270001	8/19/2025	Ru-103	1.33E+01	8.05E+00	2.84E+01	U
TG	08	739270001	8/19/2025	Ru-106	-1.14E+01	8.23E+01	2.69E+02	U
TG	08	739270001	8/19/2025	Sb-124	2.06E+01	1.89E+01	7.18E+01	U
TG	08	739270001	8/19/2025	Sb-125	2.44E+01	1.83E+01	6.22E+01	U
TG	08	739270001	8/19/2025	Se-75	-8.03E+00	1.12E+01	3.30E+01	U
TG	08	739270001	8/19/2025	Th-228	2.03E+01	2.48E+01	4.30E+01	U
TG	08	739270001	8/19/2025	Th-230	4.62E+00	2.17E+01	7.05E+01	U
TG	08	739270001	8/19/2025	Zn-65	-1.42E+00	1.91E+01	6.43E+01	U
TG	08	739270001	8/19/2025	Zr-95	1.63E+01	1.42E+01	5.03E+01	U
TG	08	744085001	9/16/2025	Ac-228	4.19E+01	3.76E+01	9.25E+01	U
TG	08	744085001	9/16/2025	Ag-108m	-3.41E+00	3.95E+00	1.25E+01	U
TG	08	744085001	9/16/2025	Ag-110m	5.01E+00	7.16E+00	2.40E+01	U
TG	08	744085001	9/16/2025	Ba-140	-3.60E+00	2.26E+01	7.49E+01	U
TG	08	744085001	9/16/2025	Be-7	5.85E+02	9.20E+01	1.36E+02	
TG	08	744085001	9/16/2025	Ce-141	-1.47E+01	9.97E+00	2.38E+01	U
TG	08	744085001	9/16/2025	Ce-144	-7.95E+00	2.75E+01	8.91E+01	U
TG	08	744085001	9/16/2025	Co-57	3.03E+00	3.79E+00	1.26E+01	U
TG	08	744085001	9/16/2025	Co-58	-8.80E+00	5.57E+00	1.45E+01	U
TG	08	744085001	9/16/2025	Co-60	5.35E+00	6.10E+00	2.14E+01	U
TG	08	744085001	9/16/2025	Cr-51	1.06E+01	4.38E+01	1.38E+02	U
TG	08	744085001	9/16/2025	Cs-134	2.07E-01	5.38E+00	1.76E+01	U
TG	08	744085001	9/16/2025	Cs-137	3.56E+00	4.91E+00	1.67E+01	U
TG	08	744085001	9/16/2025	Fe-59	3.63E+00	1.57E+01	3.60E+01	U
TG	08	744085001	9/16/2025	I-131	-1.81E+00	7.74E+00	2.62E+01	U
TG	08	744085001	9/16/2025	K-40	6.24E+03	4.22E+02	1.37E+02	
TG	08	744085001	9/16/2025	La-140	2.05E+00	7.21E+00	2.47E+01	U
TG	08	744085001	9/16/2025	Mn-54	-1.63E+01	6.82E+00	1.44E+01	U
TG	08	744085001	9/16/2025	Nb-95	2.05E-01	5.05E+00	1.65E+01	U
TG	08	744085001	9/16/2025	Ru-103	-9.14E+00	5.14E+00	1.39E+01	U
TG	08	744085001	9/16/2025	Ru-106	4.66E+01	4.28E+01	1.47E+02	U
TG	08	744085001	9/16/2025	Sb-124	-1.72E+01	1.22E+01	2.99E+01	U
TG	08	744085001	9/16/2025	Sb-125	-7.91E+00	1.22E+01	3.96E+01	U
TG	08	744085001	9/16/2025	Se-75	1.39E+01	7.20E+00	2.23E+01	U
TG	08	744085001	9/16/2025	Th-228	8.61E-01	1.55E+01	2.78E+01	U
TG	08	744085001	9/16/2025	Th-230	-1.37E+01	1.43E+01	3.88E+01	U
TG	08	744085001	9/16/2025	Zn-65	-3.78E+01	1.82E+01	3.76E+01	U
TG	08	744085001	9/16/2025	Zr-95	-1.16E+01	8.53E+00	2.31E+01	U
TG	08	748367001	10/15/2025	Ac-228	-4.26E+01	3.91E+01	1.13E+02	U
TG	08	748367001	10/15/2025	Ag-108m	-1.24E+00	6.85E+00	2.18E+01	U
TG	08	748367001	10/15/2025	Ag-110m	-5.17E-01	9.37E+00	3.10E+01	U
TG	08	748367001	10/15/2025	Ba-140	3.43E+01	5.34E+01	1.46E+02	U
TG	08	748367001	10/15/2025	Be-7	1.94E+03	1.93E+02	1.85E+02	
TG	08	748367001	10/15/2025	Ce-141	9.34E+00	2.32E+01	3.99E+01	U
TG	08	748367001	10/15/2025	Ce-144	-1.27E+00	4.62E+01	1.53E+02	U
TG	08	748367001	10/15/2025	Co-57	5.02E+00	6.25E+00	2.08E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	08	748367001	10/15/2025	Co-58	-4.25E-01	6.42E+00	2.13E+01	U
TG	08	748367001	10/15/2025	Co-60	3.04E+00	7.07E+00	2.40E+01	U
TG	08	748367001	10/15/2025	Cr-51	-7.31E+01	7.93E+01	2.32E+02	U
TG	08	748367001	10/15/2025	Cs-134	4.63E+00	9.39E+00	2.81E+01	U
TG	08	748367001	10/15/2025	Cs-137	-1.13E+01	9.20E+00	2.32E+01	U
TG	08	748367001	10/15/2025	Fe-59	-3.35E+01	2.01E+01	5.37E+01	U
TG	08	748367001	10/15/2025	I-131	-5.37E+00	1.44E+01	4.55E+01	U
TG	08	748367001	10/15/2025	K-40	3.05E+03	3.02E+02	2.81E+02	
TG	08	748367001	10/15/2025	La-140	-3.04E+01	1.61E+01	3.60E+01	U
TG	08	748367001	10/15/2025	Mn-54	4.11E+00	7.18E+00	2.45E+01	U
TG	08	748367001	10/15/2025	Nb-95	1.02E+01	9.22E+00	2.81E+01	U
TG	08	748367001	10/15/2025	Ru-103	-8.55E+00	9.42E+00	2.39E+01	U
TG	08	748367001	10/15/2025	Ru-106	-8.10E+01	6.77E+01	2.05E+02	U
TG	08	748367001	10/15/2025	Sb-124	2.32E+01	1.73E+01	6.14E+01	U
TG	08	748367001	10/15/2025	Sb-125	1.46E+01	2.11E+01	6.90E+01	U
TG	08	748367001	10/15/2025	Se-75	2.95E+00	1.02E+01	3.36E+01	U
TG	08	748367001	10/15/2025	Th-228	4.98E+01	2.37E+01	5.20E+01	U
TG	08	748367001	10/15/2025	Th-230	6.13E+01	3.42E+01	6.64E+01	U
TG	08	748367001	10/15/2025	Zn-65	-1.51E+01	1.88E+01	5.75E+01	U
TG	08	748367001	10/15/2025	Zr-95	1.68E+01	1.62E+01	4.94E+01	U
TG	09	727299002	5/29/2025	Ac-228	7.01E+01	3.73E+01	7.47E+01	U
TG	09	727299002	5/29/2025	Ag-108m	3.08E+00	3.51E+00	1.19E+01	U
TG	09	727299002	5/29/2025	Ag-110m	-6.65E+00	6.42E+00	1.94E+01	U
TG	09	727299002	5/29/2025	Ba-140	-8.52E+00	3.19E+01	1.02E+02	U
TG	09	727299002	5/29/2025	Be-7	4.76E+02	8.67E+01	1.37E+02	
TG	09	727299002	5/29/2025	Ce-141	-6.51E+00	9.20E+00	2.40E+01	U
TG	09	727299002	5/29/2025	Ce-144	-5.61E+01	2.54E+01	6.50E+01	U
TG	09	727299002	5/29/2025	Co-57	2.04E+00	2.95E+00	9.82E+00	U
TG	09	727299002	5/29/2025	Co-58	-2.15E+00	4.44E+00	1.44E+01	U
TG	09	727299002	5/29/2025	Co-60	1.84E+00	4.94E+00	1.63E+01	U
TG	09	727299002	5/29/2025	Cr-51	-3.87E+01	4.59E+01	1.48E+02	U
TG	09	727299002	5/29/2025	Cs-134	2.72E+00	4.65E+00	1.61E+01	U
TG	09	727299002	5/29/2025	Cs-137	1.03E+01	7.34E+00	1.40E+01	U
TG	09	727299002	5/29/2025	Fe-59	-1.08E+01	1.11E+01	3.25E+01	U
TG	09	727299002	5/29/2025	I-131	-2.33E+00	1.59E+01	5.30E+01	U
TG	09	727299002	5/29/2025	K-40	3.54E+03	2.59E+02	1.30E+02	
TG	09	727299002	5/29/2025	La-140	-1.09E+00	1.25E+01	4.14E+01	U
TG	09	727299002	5/29/2025	Mn-54	-7.76E+00	5.92E+00	1.33E+01	U
TG	09	727299002	5/29/2025	Nb-95	-8.69E+00	5.77E+00	1.56E+01	U
TG	09	727299002	5/29/2025	Ru-103	-1.87E+00	4.97E+00	1.59E+01	U
TG	09	727299002	5/29/2025	Ru-106	-6.06E+00	4.02E+01	1.28E+02	U
TG	09	727299002	5/29/2025	Sb-124	8.37E+00	1.12E+01	3.93E+01	U
TG	09	727299002	5/29/2025	Sb-125	7.98E+00	1.16E+01	3.91E+01	U
TG	09	727299002	5/29/2025	Se-75	-6.05E-01	5.14E+00	1.59E+01	U
TG	09	727299002	5/29/2025	Th-228	-3.26E+00	1.01E+01	2.75E+01	U
TG	09	727299002	5/29/2025	Th-230	-4.49E+00	1.22E+01	3.30E+01	U
TG	09	727299002	5/29/2025	Zn-65	5.73E+00	1.13E+01	3.79E+01	U
TG	09	727299002	5/29/2025	Zr-95	-5.21E+00	8.15E+00	2.62E+01	U
TG	09	739270002	8/19/2025	Ac-228	4.92E+01	4.51E+01	1.54E+02	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	09	739270002	8/19/2025	Ag-108m	-1.09E+01	7.91E+00	2.12E+01	U
TG	09	739270002	8/19/2025	Ag-110m	1.42E+01	1.47E+01	5.04E+01	U
TG	09	739270002	8/19/2025	Ba-140	3.07E-01	3.07E+01	1.04E+02	U
TG	09	739270002	8/19/2025	Be-7	7.61E+02	1.69E+02	1.54E+02	
TG	09	739270002	8/19/2025	Ce-141	-7.06E+00	1.02E+01	3.12E+01	U
TG	09	739270002	8/19/2025	Ce-144	3.33E+01	4.20E+01	1.41E+02	U
TG	09	739270002	8/19/2025	Co-57	1.19E+01	6.47E+00	2.13E+01	U
TG	09	739270002	8/19/2025	Co-58	-5.82E+00	1.16E+01	3.61E+01	U
TG	09	739270002	8/19/2025	Co-60	-6.60E+00	1.26E+01	3.82E+01	U
TG	09	739270002	8/19/2025	Cr-51	-9.57E+01	6.89E+01	1.95E+02	U
TG	09	739270002	8/19/2025	Cs-134	-3.04E+00	1.20E+01	3.83E+01	U
TG	09	739270002	8/19/2025	Cs-137	2.17E+01	9.19E+00	3.14E+01	U
TG	09	739270002	8/19/2025	Fe-59	0.00E+00	0.00E+00	6.15E+01	U
TG	09	739270002	8/19/2025	I-131	4.29E+00	1.18E+01	3.96E+01	U
TG	09	739270002	8/19/2025	K-40	5.58E+03	5.50E+02	4.44E+02	
TG	09	739270002	8/19/2025	La-140	1.79E+01	1.32E+01	5.00E+01	U
TG	09	739270002	8/19/2025	Mn-54	7.65E+00	9.64E+00	3.32E+01	U
TG	09	739270002	8/19/2025	Nb-95	0.00E+00	7.55E+00	2.48E+01	U
TG	09	739270002	8/19/2025	Ru-103	-9.95E-01	9.40E+00	2.97E+01	U
TG	09	739270002	8/19/2025	Ru-106	8.02E+01	6.83E+01	2.35E+02	U
TG	09	739270002	8/19/2025	Sb-124	5.85E+00	1.82E+01	6.38E+01	U
TG	09	739270002	8/19/2025	Sb-125	-6.23E+01	2.68E+01	5.42E+01	U
TG	09	739270002	8/19/2025	Se-75	-8.97E+00	9.52E+00	2.97E+01	U
TG	09	739270002	8/19/2025	Th-228	6.49E+00	1.70E+01	5.66E+01	U
TG	09	739270002	8/19/2025	Th-230	3.22E+01	2.76E+01	8.40E+01	U
TG	09	739270002	8/19/2025	Zn-65	3.73E+01	2.93E+01	1.02E+02	U
TG	09	739270002	8/19/2025	Zr-95	-4.21E+01	1.89E+01	3.71E+01	U
TG	09	731534002	6/27/2025	Ac-228	2.65E+01	4.09E+01	4.93E+01	U
TG	09	731534002	6/27/2025	Ag-108m	1.52E+00	3.78E+00	1.27E+01	U
TG	09	731534002	6/27/2025	Ag-110m	7.53E+00	5.74E+00	1.85E+01	U
TG	09	731534002	6/27/2025	Ba-140	3.28E+01	2.73E+01	8.98E+01	U
TG	09	731534002	6/27/2025	Be-7	8.62E+02	9.62E+01	1.23E+02	
TG	09	731534002	6/27/2025	Ce-141	9.55E-01	7.70E+00	2.45E+01	U
TG	09	731534002	6/27/2025	Ce-144	4.77E+00	2.67E+01	8.57E+01	U
TG	09	731534002	6/27/2025	Co-57	4.85E+00	3.72E+00	1.17E+01	U
TG	09	731534002	6/27/2025	Co-58	-1.06E+00	4.40E+00	1.38E+01	U
TG	09	731534002	6/27/2025	Co-60	1.09E+01	5.81E+00	1.89E+01	U
TG	09	731534002	6/27/2025	Cr-51	2.62E+00	4.48E+01	1.52E+02	U
TG	09	731534002	6/27/2025	Cs-134	1.67E+00	4.97E+00	1.61E+01	U
TG	09	731534002	6/27/2025	Cs-137	-5.62E+00	4.20E+00	1.21E+01	U
TG	09	731534002	6/27/2025	Fe-59	1.97E+00	9.25E+00	3.13E+01	U
TG	09	731534002	6/27/2025	I-131	5.98E-01	1.20E+01	3.63E+01	U
TG	09	731534002	6/27/2025	K-40	3.39E+03	2.59E+02	1.38E+02	
TG	09	731534002	6/27/2025	La-140	5.73E+00	8.99E+00	2.71E+01	U
TG	09	731534002	6/27/2025	Mn-54	8.76E-01	4.01E+00	1.29E+01	U
TG	09	731534002	6/27/2025	Nb-95	-7.92E-01	4.64E+00	1.47E+01	U
TG	09	731534002	6/27/2025	Ru-103	3.12E+00	4.90E+00	1.47E+01	U
TG	09	731534002	6/27/2025	Ru-106	1.33E+01	3.84E+01	1.26E+02	U
TG	09	731534002	6/27/2025	Sb-124	1.19E+00	1.05E+01	3.44E+01	U
TG	09	731534002	6/27/2025	Sb-125	-1.14E+01	1.17E+01	3.67E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	09	731534002	6/27/2025	Se-75	-4.81E+00	5.64E+00	1.85E+01	U
TG	09	731534002	6/27/2025	Th-228	9.87E+00	1.94E+01	2.31E+01	U
TG	09	731534002	6/27/2025	Th-230	-3.21E+01	1.72E+01	3.70E+01	U
TG	09	731534002	6/27/2025	Zn-65	-5.45E+00	9.09E+00	2.93E+01	U
TG	09	731534002	6/27/2025	Zr-95	-1.02E+01	9.00E+00	2.65E+01	U
TG	09	735387002	7/23/2025	Ac-228	0.00E+00	3.28E+01	2.53E+01	U
TG	09	735387002	7/23/2025	Ag-108m	2.77E-01	1.77E+00	5.26E+00	U
TG	09	735387002	7/23/2025	Ag-110m	-1.17E+00	2.99E+00	9.81E+00	U
TG	09	735387002	7/23/2025	Ba-140	2.66E+01	2.79E+01	9.77E+01	U
TG	09	735387002	7/23/2025	Be-7	3.87E+02	5.50E+01	7.39E+01	
TG	09	735387002	7/23/2025	Ce-141	9.99E-01	4.01E+00	1.29E+01	U
TG	09	735387002	7/23/2025	Ce-144	-2.94E+00	1.03E+01	3.28E+01	U
TG	09	735387002	7/23/2025	Co-57	-1.11E+00	1.40E+00	4.32E+00	U
TG	09	735387002	7/23/2025	Co-58	1.50E+00	2.59E+00	8.90E+00	U
TG	09	735387002	7/23/2025	Co-60	8.73E-01	2.40E+00	7.38E+00	U
TG	09	735387002	7/23/2025	Cr-51	-2.18E+01	2.97E+01	8.57E+01	U
TG	09	735387002	7/23/2025	Cs-134	1.15E-01	2.31E+00	7.82E+00	U
TG	09	735387002	7/23/2025	Cs-137	4.20E+00	2.37E+00	7.91E+00	U
TG	09	735387002	7/23/2025	Fe-59	1.94E+00	6.42E+00	2.14E+01	U
TG	09	735387002	7/23/2025	I-131	-2.35E+00	1.87E+01	5.56E+01	U
TG	09	735387002	7/23/2025	K-40	4.93E+03	2.75E+02	7.34E+01	
TG	09	735387002	7/23/2025	La-140	3.81E+00	1.05E+01	3.44E+01	U
TG	09	735387002	7/23/2025	Mn-54	9.29E-01	2.31E+00	7.89E+00	U
TG	09	735387002	7/23/2025	Nb-95	-2.21E+00	2.61E+00	8.38E+00	U
TG	09	735387002	7/23/2025	Ru-103	-4.77E+00	2.98E+00	9.15E+00	U
TG	09	735387002	7/23/2025	Ru-106	2.02E+01	1.80E+01	6.24E+01	U
TG	09	735387002	7/23/2025	Sb-124	1.02E+01	6.70E+00	2.26E+01	U
TG	09	735387002	7/23/2025	Sb-125	-4.80E-01	5.85E+00	1.72E+01	U
TG	09	735387002	7/23/2025	Se-75	-2.81E-01	2.79E+00	8.52E+00	U
TG	09	735387002	7/23/2025	Th-228	0.00E+00	1.06E+01	1.06E+01	U
TG	09	735387002	7/23/2025	Th-230	0.00E+00	1.44E+01	1.23E+01	U
TG	09	735387002	7/23/2025	Zn-65	1.26E+01	6.20E+00	1.99E+01	U
TG	09	735387002	7/23/2025	Zr-95	-1.69E+00	4.50E+00	1.50E+01	U
TG	09	744085002	9/16/2025	Ac-228	1.97E+01	5.11E+01	1.04E+02	U
TG	09	744085002	9/16/2025	Ag-108m	-1.70E-01	4.43E+00	1.43E+01	U
TG	09	744085002	9/16/2025	Ag-110m	2.41E+00	7.71E+00	2.54E+01	U
TG	09	744085002	9/16/2025	Ba-140	1.84E+01	2.60E+01	9.03E+01	U
TG	09	744085002	9/16/2025	Be-7	9.80E+02	1.32E+02	1.63E+02	
TG	09	744085002	9/16/2025	Ce-141	7.54E-01	7.39E+00	2.41E+01	U
TG	09	744085002	9/16/2025	Ce-144	-4.28E+00	2.49E+01	8.06E+01	U
TG	09	744085002	9/16/2025	Co-57	2.84E+00	3.23E+00	1.08E+01	U
TG	09	744085002	9/16/2025	Co-58	-1.97E+00	5.43E+00	1.71E+01	U
TG	09	744085002	9/16/2025	Co-60	2.16E+00	6.57E+00	2.20E+01	U
TG	09	744085002	9/16/2025	Cr-51	1.40E+01	4.64E+01	1.56E+02	U
TG	09	744085002	9/16/2025	Cs-134	7.73E+00	6.59E+00	2.24E+01	U
TG	09	744085002	9/16/2025	Cs-137	0.00E+00	1.35E+01	1.86E+01	U
TG	09	744085002	9/16/2025	Fe-59	-1.88E+01	1.52E+01	3.57E+01	U
TG	09	744085002	9/16/2025	I-131	7.35E+00	8.69E+00	2.93E+01	U
TG	09	744085002	9/16/2025	K-40	2.62E+03	2.63E+02	2.28E+02	

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	09	744085002	9/16/2025	La-140	9.89E+00	8.53E+00	3.12E+01	U
TG	09	744085002	9/16/2025	Mn-54	8.19E+00	1.06E+01	1.76E+01	U
TG	09	744085002	9/16/2025	Nb-95	8.17E+00	6.26E+00	2.12E+01	U
TG	09	744085002	9/16/2025	Ru-103	8.37E+00	5.58E+00	1.83E+01	U
TG	09	744085002	9/16/2025	Ru-106	-1.78E+01	5.15E+01	1.69E+02	U
TG	09	744085002	9/16/2025	Sb-124	-5.80E+00	1.45E+01	4.60E+01	U
TG	09	744085002	9/16/2025	Sb-125	2.56E+01	1.43E+01	4.68E+01	U
TG	09	744085002	9/16/2025	Se-75	-9.67E-01	6.24E+00	2.11E+01	U
TG	09	744085002	9/16/2025	Th-228	1.12E+01	1.59E+01	3.55E+01	U
TG	09	744085002	9/16/2025	Th-230	2.89E+01	3.25E+01	3.15E+01	U
TG	09	744085002	9/16/2025	Zn-65	2.53E+00	1.47E+01	4.94E+01	U
TG	09	744085002	9/16/2025	Zr-95	-3.43E+00	9.19E+00	2.92E+01	U
TG	09	748367002	10/15/2025	Ac-228	0.00E+00	2.32E+01	3.38E+01	U
TG	09	748367002	10/15/2025	Ag-108m	2.29E+00	4.81E+00	8.16E+00	U
TG	09	748367002	10/15/2025	Ag-110m	4.59E+00	4.17E+00	1.42E+01	U
TG	09	748367002	10/15/2025	Ba-140	2.69E+01	1.61E+01	5.11E+01	U
TG	09	748367002	10/15/2025	Be-7	2.35E+03	1.32E+02	7.30E+01	
TG	09	748367002	10/15/2025	Ce-141	-1.42E+00	4.38E+00	1.34E+01	U
TG	09	748367002	10/15/2025	Ce-144	2.27E+01	1.73E+01	5.32E+01	U
TG	09	748367002	10/15/2025	Co-57	2.24E-02	2.14E+00	6.69E+00	U
TG	09	748367002	10/15/2025	Co-58	-6.49E-01	2.81E+00	9.36E+00	U
TG	09	748367002	10/15/2025	Co-60	3.28E-01	3.46E+00	1.14E+01	U
TG	09	748367002	10/15/2025	Cr-51	9.81E+01	3.90E+01	8.71E+01	UI
TG	09	748367002	10/15/2025	Cs-134	2.58E+00	3.17E+00	1.09E+01	U
TG	09	748367002	10/15/2025	Cs-137	4.27E+00	5.36E+00	9.74E+00	U
TG	09	748367002	10/15/2025	Fe-59	3.66E+00	7.22E+00	2.16E+01	U
TG	09	748367002	10/15/2025	I-131	-2.76E+00	5.05E+00	1.62E+01	U
TG	09	748367002	10/15/2025	K-40	4.06E+03	2.36E+02	9.65E+01	
TG	09	748367002	10/15/2025	La-140	-1.38E+00	6.26E+00	1.72E+01	U
TG	09	748367002	10/15/2025	Mn-54	8.13E+00	3.34E+00	1.04E+01	U
TG	09	748367002	10/15/2025	Nb-95	4.40E+00	3.20E+00	1.08E+01	U
TG	09	748367002	10/15/2025	Ru-103	-1.68E+00	2.85E+00	8.92E+00	U
TG	09	748367002	10/15/2025	Ru-106	-1.79E+01	2.85E+01	8.77E+01	U
TG	09	748367002	10/15/2025	Sb-124	1.19E+01	7.65E+00	2.58E+01	U
TG	09	748367002	10/15/2025	Sb-125	-8.47E+00	8.80E+00	2.39E+01	U
TG	09	748367002	10/15/2025	Se-75	4.63E-01	3.55E+00	1.19E+01	U
TG	09	748367002	10/15/2025	Th-228	0.00E+00	1.55E+01	2.08E+01	U
TG	09	748367002	10/15/2025	Th-230	1.24E+01	1.54E+01	2.63E+01	U
TG	09	748367002	10/15/2025	Zn-65	-6.04E+00	7.20E+00	2.15E+01	U
TG	09	748367002	10/15/2025	Zr-95	-3.11E+00	5.57E+00	1.83E+01	U
TG	10	727299003	5/29/2025	Ac-228	-2.07E+00	3.21E+01	8.80E+01	U
TG	10	727299003	5/29/2025	Ag-108m	2.08E-01	5.04E+00	1.51E+01	U
TG	10	727299003	5/29/2025	Ag-110m	-8.25E+00	6.53E+00	1.88E+01	U
TG	10	727299003	5/29/2025	Ba-140	2.29E+01	4.12E+01	1.39E+02	U
TG	10	727299003	5/29/2025	Be-7	1.60E+02	6.88E+01	2.15E+02	U
TG	10	727299003	5/29/2025	Ce-141	-8.24E+00	1.07E+01	2.86E+01	U
TG	10	727299003	5/29/2025	Ce-144	-2.34E+01	2.78E+01	8.52E+01	U
TG	10	727299003	5/29/2025	Co-57	3.65E+00	3.21E+00	1.06E+01	U
TG	10	727299003	5/29/2025	Co-58	-4.79E+00	5.40E+00	1.53E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	10	727299003	5/29/2025	Co-60	6.07E+00	5.90E+00	2.07E+01	U
TG	10	727299003	5/29/2025	Cr-51	2.18E+00	5.60E+01	1.91E+02	U
TG	10	727299003	5/29/2025	Cs-134	-3.78E+00	5.83E+00	1.73E+01	U
TG	10	727299003	5/29/2025	Cs-137	-8.27E+00	6.30E+00	1.76E+01	U
TG	10	727299003	5/29/2025	Fe-59	5.26E+00	1.19E+01	4.11E+01	U
TG	10	727299003	5/29/2025	I-131	-2.01E+01	1.85E+01	5.70E+01	U
TG	10	727299003	5/29/2025	K-40	3.35E+03	2.69E+02	1.43E+02	
TG	10	727299003	5/29/2025	La-140	4.16E+00	1.77E+01	5.18E+01	U
TG	10	727299003	5/29/2025	Mn-54	4.89E+00	6.24E+00	2.06E+01	U
TG	10	727299003	5/29/2025	Nb-95	6.62E-01	5.99E+00	1.93E+01	U
TG	10	727299003	5/29/2025	Ru-103	2.21E+00	5.64E+00	1.90E+01	U
TG	10	727299003	5/29/2025	Ru-106	-3.94E+01	4.57E+01	1.36E+02	U
TG	10	727299003	5/29/2025	Sb-124	-7.18E+01	2.97E+01	3.80E+01	U
TG	10	727299003	5/29/2025	Sb-125	-4.79E+00	1.16E+01	3.76E+01	U
TG	10	727299003	5/29/2025	Se-75	1.94E+00	5.98E+00	2.08E+01	U
TG	10	727299003	5/29/2025	Th-228	0.00E+00	2.38E+01	3.94E+01	U
TG	10	727299003	5/29/2025	Th-230	0.00E+00	2.34E+01	4.79E+01	U
TG	10	727299003	5/29/2025	Zn-65	2.94E+00	1.01E+01	3.45E+01	U
TG	10	727299003	5/29/2025	Zr-95	4.61E+00	1.09E+01	3.22E+01	U
TG	10	739270003	8/19/2025	Ac-228	9.96E+00	4.30E+01	1.24E+02	U
TG	10	739270003	8/19/2025	Ag-108m	1.05E+01	6.75E+00	2.34E+01	U
TG	10	739270003	8/19/2025	Ag-110m	1.81E+01	1.44E+01	4.86E+01	U
TG	10	739270003	8/19/2025	Ba-140	1.32E+01	3.60E+01	1.21E+02	U
TG	10	739270003	8/19/2025	Be-7	1.36E+03	1.74E+02	2.07E+02	
TG	10	739270003	8/19/2025	Ce-141	-6.43E+00	1.20E+01	3.40E+01	U
TG	10	739270003	8/19/2025	Ce-144	2.75E+00	4.40E+01	1.43E+02	U
TG	10	739270003	8/19/2025	Co-57	4.92E+00	5.68E+00	1.89E+01	U
TG	10	739270003	8/19/2025	Co-58	2.08E+00	7.88E+00	2.58E+01	U
TG	10	739270003	8/19/2025	Co-60	6.99E+00	9.92E+00	3.18E+01	U
TG	10	739270003	8/19/2025	Cr-51	4.53E+01	5.97E+01	2.09E+02	U
TG	10	739270003	8/19/2025	Cs-134	8.91E+00	9.20E+00	3.15E+01	U
TG	10	739270003	8/19/2025	Cs-137	2.09E+01	9.43E+00	3.19E+01	U
TG	10	739270003	8/19/2025	Fe-59	-2.08E+01	1.68E+01	4.62E+01	U
TG	10	739270003	8/19/2025	I-131	5.27E+00	9.41E+00	3.26E+01	U
TG	10	739270003	8/19/2025	K-40	3.45E+03	3.84E+02	3.32E+02	
TG	10	739270003	8/19/2025	La-140	-7.95E+00	8.07E+00	1.93E+01	U
TG	10	739270003	8/19/2025	Mn-54	-7.57E+00	7.49E+00	2.02E+01	U
TG	10	739270003	8/19/2025	Nb-95	-2.98E+00	7.06E+00	1.86E+01	U
TG	10	739270003	8/19/2025	Ru-103	8.80E+00	6.98E+00	2.44E+01	U
TG	10	739270003	8/19/2025	Ru-106	8.72E+01	7.98E+01	2.73E+02	U
TG	10	739270003	8/19/2025	Sb-124	-9.74E+00	1.96E+01	5.80E+01	U
TG	10	739270003	8/19/2025	Sb-125	6.96E+00	1.99E+01	6.81E+01	U
TG	10	739270003	8/19/2025	Se-75	1.49E+01	1.05E+01	3.37E+01	U
TG	10	739270003	8/19/2025	Th-228	2.04E+01	2.20E+01	5.90E+01	U
TG	10	739270003	8/19/2025	Th-230	1.65E+01	2.16E+01	7.04E+01	U
TG	10	739270003	8/19/2025	Zn-65	2.31E+01	2.09E+01	6.86E+01	U
TG	10	739270003	8/19/2025	Zr-95	-1.06E+01	1.56E+01	4.61E+01	U
TG	10	731534003	6/27/2025	Ac-228	4.40E+01	3.58E+01	5.04E+01	U
TG	10	731534003	6/27/2025	Ag-108m	9.41E-01	3.05E+00	1.01E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	10	731534003	6/27/2025	Ag-110m	-4.16E+00	5.24E+00	1.65E+01	U
TG	10	731534003	6/27/2025	Ba-140	-1.12E+01	3.32E+01	1.05E+02	U
TG	10	731534003	6/27/2025	Be-7	7.04E+02	7.77E+01	1.07E+02	
TG	10	731534003	6/27/2025	Ce-141	-9.72E+00	9.18E+00	2.22E+01	U
TG	10	731534003	6/27/2025	Ce-144	-4.73E+00	1.97E+01	5.67E+01	U
TG	10	731534003	6/27/2025	Co-57	2.44E+00	2.51E+00	7.99E+00	U
TG	10	731534003	6/27/2025	Co-58	7.91E+00	4.07E+00	1.34E+01	U
TG	10	731534003	6/27/2025	Co-60	0.00E+00	6.85E+00	1.91E+01	U
TG	10	731534003	6/27/2025	Cr-51	-3.30E+00	3.98E+01	1.32E+02	U
TG	10	731534003	6/27/2025	Cs-134	-2.62E+00	3.69E+00	1.18E+01	U
TG	10	731534003	6/27/2025	Cs-137	0.00E+00	9.27E+00	1.19E+01	U
TG	10	731534003	6/27/2025	Fe-59	1.67E+01	1.07E+01	3.53E+01	U
TG	10	731534003	6/27/2025	I-131	1.19E+01	1.60E+01	5.34E+01	U
TG	10	731534003	6/27/2025	K-40	3.39E+03	2.21E+02	1.13E+02	
TG	10	731534003	6/27/2025	La-140	-7.64E+00	1.23E+01	3.91E+01	U
TG	10	731534003	6/27/2025	Mn-54	-2.37E+00	3.76E+00	1.21E+01	U
TG	10	731534003	6/27/2025	Nb-95	-4.79E+00	4.34E+00	1.34E+01	U
TG	10	731534003	6/27/2025	Ru-103	1.87E+00	4.51E+00	1.48E+01	U
TG	10	731534003	6/27/2025	Ru-106	1.85E+01	3.50E+01	1.13E+02	U
TG	10	731534003	6/27/2025	Sb-124	9.10E+00	9.62E+00	3.36E+01	U
TG	10	731534003	6/27/2025	Sb-125	-2.66E+00	1.22E+01	3.24E+01	U
TG	10	731534003	6/27/2025	Se-75	5.44E+00	4.35E+00	1.45E+01	U
TG	10	731534003	6/27/2025	Th-228	5.00E+01	1.04E+01	1.74E+01	
TG	10	731534003	6/27/2025	Th-230	0.00E+00	1.50E+01	2.24E+01	U
TG	10	731534003	6/27/2025	Zn-65	1.69E+00	8.83E+00	2.57E+01	U
TG	10	731534003	6/27/2025	Zr-95	3.65E+00	6.98E+00	2.39E+01	U
TG	10	735387003	7/23/2025	Ac-228	2.59E+01	2.60E+01	4.28E+01	U
TG	10	735387003	7/23/2025	Ag-108m	3.21E+00	2.09E+00	6.64E+00	U
TG	10	735387003	7/23/2025	Ag-110m	2.79E-01	3.59E+00	1.11E+01	U
TG	10	735387003	7/23/2025	Ba-140	-5.89E+01	4.25E+01	1.21E+02	U
TG	10	735387003	7/23/2025	Be-7	3.63E+02	5.03E+01	8.85E+01	
TG	10	735387003	7/23/2025	Ce-141	3.44E+00	1.22E+01	1.75E+01	U
TG	10	735387003	7/23/2025	Ce-144	-8.69E+00	1.22E+01	4.08E+01	U
TG	10	735387003	7/23/2025	Co-57	-3.19E-01	1.54E+00	5.30E+00	U
TG	10	735387003	7/23/2025	Co-58	1.56E+00	2.88E+00	9.98E+00	U
TG	10	735387003	7/23/2025	Co-60	-4.28E+00	2.75E+00	7.67E+00	U
TG	10	735387003	7/23/2025	Cr-51	-4.12E+01	3.56E+01	1.10E+02	U
TG	10	735387003	7/23/2025	Cs-134	3.84E-01	2.74E+00	9.45E+00	U
TG	10	735387003	7/23/2025	Cs-137	1.56E+00	2.81E+00	8.92E+00	U
TG	10	735387003	7/23/2025	Fe-59	-2.83E-01	7.08E+00	2.37E+01	U
TG	10	735387003	7/23/2025	I-131	-1.82E+01	2.64E+01	8.37E+01	U DL
TG	10	735387003	7/23/2025	K-40	4.02E+03	2.23E+02	7.10E+01	
TG	10	735387003	7/23/2025	La-140	7.28E+00	1.17E+01	3.93E+01	U
TG	10	735387003	7/23/2025	Mn-54	2.27E+00	2.54E+00	8.77E+00	U
TG	10	735387003	7/23/2025	Nb-95	-3.49E+00	5.25E+00	1.01E+01	U
TG	10	735387003	7/23/2025	Ru-103	3.06E+00	3.34E+00	1.08E+01	U
TG	10	735387003	7/23/2025	Ru-106	-3.38E+01	2.44E+01	6.84E+01	U
TG	10	735387003	7/23/2025	Sb-124	-1.87E+01	8.91E+00	2.08E+01	U
TG	10	735387003	7/23/2025	Sb-125	-8.71E+00	6.50E+00	1.91E+01	U
TG	10	735387003	7/23/2025	Se-75	-3.58E-01	2.94E+00	9.76E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	10	735387003	7/23/2025	Th-228	0.00E+00	8.70E+00	1.10E+01	U
TG	10	735387003	7/23/2025	Th-230	6.56E+00	1.46E+01	1.52E+01	U
TG	10	735387003	7/23/2025	Zn-65	3.56E-01	5.50E+00	1.85E+01	U
TG	10	735387003	7/23/2025	Zr-95	5.38E-01	5.65E+00	1.76E+01	U
TG	10	744085003	9/16/2025	Ac-228	1.20E+01	2.47E+01	7.52E+01	U
TG	10	744085003	9/16/2025	Ag-108m	1.46E+00	3.75E+00	1.27E+01	U
TG	10	744085003	9/16/2025	Ag-110m	-6.83E+00	6.87E+00	2.12E+01	U
TG	10	744085003	9/16/2025	Ba-140	2.66E+01	2.22E+01	7.44E+01	U
TG	10	744085003	9/16/2025	Be-7	1.19E+03	1.09E+02	1.29E+02	
TG	10	744085003	9/16/2025	Ce-141	-2.27E+01	9.12E+00	1.88E+01	U
TG	10	744085003	9/16/2025	Ce-144	2.21E+01	2.14E+01	7.14E+01	U
TG	10	744085003	9/16/2025	Co-57	-2.40E+00	3.35E+00	9.60E+00	U
TG	10	744085003	9/16/2025	Co-58	3.63E+00	4.39E+00	1.49E+01	U
TG	10	744085003	9/16/2025	Co-60	-1.53E+00	4.49E+00	1.40E+01	U
TG	10	744085003	9/16/2025	Cr-51	-6.12E+01	3.81E+01	1.14E+02	U
TG	10	744085003	9/16/2025	Cs-134	4.41E+00	4.89E+00	1.70E+01	U
TG	10	744085003	9/16/2025	Cs-137	0.00E+00	7.58E+00	1.53E+01	U
TG	10	744085003	9/16/2025	Fe-59	8.57E+00	9.65E+00	3.29E+01	U
TG	10	744085003	9/16/2025	I-131	-8.73E+00	7.86E+00	2.47E+01	U
TG	10	744085003	9/16/2025	K-40	3.12E+03	2.33E+02	1.63E+02	
TG	10	744085003	9/16/2025	La-140	5.30E-01	6.18E+00	2.09E+01	U
TG	10	744085003	9/16/2025	Mn-54	2.01E-01	4.50E+00	1.52E+01	U
TG	10	744085003	9/16/2025	Nb-95	-4.41E+00	4.72E+00	1.36E+01	U
TG	10	744085003	9/16/2025	Ru-103	-4.96E-01	4.32E+00	1.42E+01	U
TG	10	744085003	9/16/2025	Ru-106	6.56E+01	3.98E+01	1.22E+02	U
TG	10	744085003	9/16/2025	Sb-124	1.47E-01	8.71E+00	2.91E+01	U
TG	10	744085003	9/16/2025	Sb-125	-1.86E+01	1.15E+01	3.27E+01	U
TG	10	744085003	9/16/2025	Se-75	-1.12E+01	6.02E+00	1.55E+01	U
TG	10	744085003	9/16/2025	Th-228	2.51E+00	1.31E+01	3.23E+01	U
TG	10	744085003	9/16/2025	Th-230	0.00E+00	2.44E+01	3.82E+01	U
TG	10	744085003	9/16/2025	Zn-65	-8.25E-01	1.25E+01	3.59E+01	U
TG	10	744085003	9/16/2025	Zr-95	-1.74E+01	1.04E+01	2.50E+01	U
TG	10	748367003	10/15/2025	Ac-228	6.15E+01	1.91E+01	2.70E+01	
TG	10	748367003	10/15/2025	Ag-108m	5.21E+00	2.37E+00	7.46E+00	U
TG	10	748367003	10/15/2025	Ag-110m	-1.80E+00	3.14E+00	9.73E+00	U
TG	10	748367003	10/15/2025	Ba-140	7.30E+00	1.88E+01	4.17E+01	U
TG	10	748367003	10/15/2025	Be-7	3.90E+03	1.84E+02	6.24E+01	
TG	10	748367003	10/15/2025	Ce-141	-2.19E+01	7.82E+00	1.24E+01	U
TG	10	748367003	10/15/2025	Ce-144	-1.76E+01	1.90E+01	4.45E+01	U
TG	10	748367003	10/15/2025	Co-57	-1.36E+00	1.80E+00	5.72E+00	U
TG	10	748367003	10/15/2025	Co-58	2.11E+00	2.45E+00	8.13E+00	U
TG	10	748367003	10/15/2025	Co-60	1.05E+01	3.71E+00	1.11E+01	U
TG	10	748367003	10/15/2025	Cr-51	7.42E-01	2.44E+01	7.63E+01	U
TG	10	748367003	10/15/2025	Cs-134	2.87E+00	2.52E+00	8.38E+00	U
TG	10	748367003	10/15/2025	Cs-137	5.79E+00	2.96E+00	9.43E+00	U
TG	10	748367003	10/15/2025	Fe-59	-1.20E+01	6.04E+00	1.44E+01	U
TG	10	748367003	10/15/2025	I-131	-4.97E+00	4.72E+00	1.36E+01	U
TG	10	748367003	10/15/2025	K-40	3.16E+03	2.13E+02	7.15E+01	
TG	10	748367003	10/15/2025	La-140	6.50E+00	3.93E+00	1.36E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	10	748367003	10/15/2025	Mn-54	-4.18E-01	2.39E+00	7.69E+00	U
TG	10	748367003	10/15/2025	Nb-95	4.01E-01	2.45E+00	8.05E+00	U
TG	10	748367003	10/15/2025	Ru-103	1.54E+00	2.24E+00	7.64E+00	U
TG	10	748367003	10/15/2025	Ru-106	6.65E+00	2.08E+01	6.96E+01	U
TG	10	748367003	10/15/2025	Sb-124	-3.45E+00	6.15E+00	1.92E+01	U
TG	10	748367003	10/15/2025	Sb-125	4.66E+00	6.06E+00	2.08E+01	U
TG	10	748367003	10/15/2025	Se-75	-1.38E-01	3.34E+00	1.05E+01	U
TG	10	748367003	10/15/2025	Th-228	-6.48E+00	6.42E+00	1.78E+01	U
TG	10	748367003	10/15/2025	Th-230	3.10E+00	1.21E+01	2.08E+01	U
TG	10	748367003	10/15/2025	Zn-65	9.13E+00	6.55E+00	1.94E+01	U
TG	10	748367003	10/15/2025	Zr-95	4.08E+00	4.38E+00	1.46E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	704113001	1/8/2025	Ac-228	0.00E+00	5.15E+00	8.54E+00	U
TM	15	704113001	1/8/2025	Ag-108m	7.65E-02	4.13E-01	1.39E+00	U
TM	15	704113001	1/8/2025	Ag-110m	-2.45E+00	1.60E+00	2.66E+00	U
TM	15	704113001	1/8/2025	Ba-140	6.93E-01	4.39E+00	9.17E+00	U
TM	15	704113001	1/8/2025	Be-7	-4.60E+00	6.45E+00	1.42E+01	U
TM	15	704113001	1/8/2025	BI-214	0.00E+00	2.44E+00	3.40E+00	U
TM	15	704113001	1/8/2025	Ce-141	1.18E+00	1.61E+00	2.27E+00	U
TM	15	704113001	1/8/2025	Ce-144	-3.08E+00	2.65E+00	8.26E+00	U
TM	15	704113001	1/8/2025	Co-57	2.32E-01	3.29E-01	1.09E+00	U
TM	15	704113001	1/8/2025	Co-58	8.59E-01	6.40E-01	2.03E+00	U
TM	15	704113001	1/8/2025	Co-60	-2.00E+00	1.36E+00	2.18E+00	U
TM	15	704113001	1/8/2025	Cr-51	-6.35E-02	4.11E+00	1.41E+01	U
TM	15	704113001	1/8/2025	Cs-134	-2.74E+00	1.14E+00	1.98E+00	U
TM	15	704113001	1/8/2025	Cs-137	0.00E+00	9.90E-01	1.87E+00	U
TM	15	704113001	1/8/2025	Fe-59	-4.72E-01	1.44E+00	4.74E+00	U
TM	15	704113001	1/8/2025	I-131	-7.59E-01	8.77E-01	2.87E+00	U
TM	15	704113001	1/8/2025	I-131	5.91E-02	1.47E-01	4.88E-01	U
TM	15	704113001	1/8/2025	K-40	1.77E+03	8.46E+01	1.66E+01	
TM	15	704113001	1/8/2025	La-140	-1.53E+00	9.92E-01	2.70E+00	U
TM	15	704113001	1/8/2025	Mn-54	-8.49E-01	6.05E-01	1.73E+00	U
TM	15	704113001	1/8/2025	Nb-95	7.83E-01	7.29E-01	2.10E+00	U
TM	15	704113001	1/8/2025	Pb-212	2.13E+00	1.95E+00	2.59E+00	U
TM	15	704113001	1/8/2025	Pb-214	0.00E+00	2.80E+00	4.09E+00	U
TM	15	704113001	1/8/2025	Ru-103	-6.01E-01	5.39E-01	1.68E+00	U
TM	15	704113001	1/8/2025	Ru-106	-7.12E+00	4.97E+00	1.46E+01	U
TM	15	704113001	1/8/2025	Sb-124	-8.16E-01	1.43E+00	3.77E+00	U
TM	15	704113001	1/8/2025	Sb-125	-1.32E-02	1.26E+00	4.25E+00	U
TM	15	704113001	1/8/2025	Se-75	1.96E-01	6.04E-01	1.91E+00	U
TM	15	704113001	1/8/2025	Th-228	2.13E+00	1.95E+00	2.59E+00	U
TM	15	704113001	1/8/2025	Zn-65	-1.56E+00	1.60E+00	4.65E+00	U
TM	15	704113001	1/8/2025	Zr-95	5.13E-01	1.10E+00	3.56E+00	U
TM	15	707949001	2/5/2025	Ac-228	-7.35E+00	3.40E+00	6.50E+00	U
TM	15	707949001	2/5/2025	Ag-108m	-2.10E-01	3.61E-01	1.11E+00	U
TM	15	707949001	2/5/2025	Ag-110m	-2.65E-01	5.85E-01	1.93E+00	U
TM	15	707949001	2/5/2025	Ba-140	5.75E+00	2.23E+00	6.23E+00	U
TM	15	707949001	2/5/2025	Be-7	1.18E+00	3.33E+00	1.10E+01	U
TM	15	707949001	2/5/2025	Bi-214	1.74E+00	1.96E+00	2.66E+00	U
TM	15	707949001	2/5/2025	Ce-141	-2.09E+00	1.05E+00	2.06E+00	U
TM	15	707949001	2/5/2025	Ce-144	-2.15E+00	2.60E+00	8.12E+00	U
TM	15	707949001	2/5/2025	Co-57	-4.56E-01	3.58E-01	1.08E+00	U
TM	15	707949001	2/5/2025	Co-58	-4.25E-01	4.06E-01	1.29E+00	U
TM	15	707949001	2/5/2025	Co-60	1.71E-01	4.95E-01	1.62E+00	U
TM	15	707949001	2/5/2025	Cr-51	-1.06E+00	3.50E+00	1.17E+01	U
TM	15	707949001	2/5/2025	Cs-134	6.26E-01	4.72E-01	1.57E+00	U
TM	15	707949001	2/5/2025	Cs-137	4.72E+00	7.79E-01	1.45E+00	M
TM	15	707949001	2/5/2025	Fe-59	4.73E-02	9.94E-01	3.28E+00	U
TM	15	707949001	2/5/2025	I-131	-5.53E-03	9.45E-02	3.16E-01	U
TM	15	707949001	2/5/2025	K-40	1.82E+03	8.80E+01	1.23E+01	
TM	15	707949001	2/5/2025	La-140	-9.28E-03	5.02E-01	1.69E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	707949001	2/5/2025	Mn-54	7.55E-02	4.10E-01	1.39E+00	U
TM	15	707949001	2/5/2025	Nb-95	2.76E-01	4.16E-01	1.42E+00	U
TM	15	707949001	2/5/2025	Pb-212	-1.19E+00	1.27E+00	2.70E+00	U
TM	15	707949001	2/5/2025	Pb-214	0.00E+00	2.40E+00	3.38E+00	U
TM	15	707949001	2/5/2025	Ru-103	-7.08E-02	4.53E-01	1.32E+00	U
TM	15	707949001	2/5/2025	Ru-106	3.39E-01	3.73E+00	1.20E+01	U
TM	15	707949001	2/5/2025	Sb-124	1.01E-01	7.90E-01	2.66E+00	U
TM	15	707949001	2/5/2025	Sb-125	-9.94E-01	1.09E+00	3.44E+00	U
TM	15	707949001	2/5/2025	Se-75	-5.35E-02	4.79E-01	1.63E+00	U
TM	15	707949001	2/5/2025	Th-228	-1.19E+00	1.27E+00	2.70E+00	U
TM	15	707949001	2/5/2025	Zn-65	-1.73E+00	1.24E+00	3.19E+00	U
TM	15	707949001	2/5/2025	Zr-95	1.68E-01	7.30E-01	2.49E+00	U
TM	15	712895001	3/5/2025	Ac-228	-3.37E-01	3.25E+00	7.73E+00	U
TM	15	712895001	3/5/2025	Ag-108m	7.02E-01	4.45E-01	1.42E+00	U
TM	15	712895001	3/5/2025	Ag-110m	-1.59E-01	1.13E+00	2.37E+00	U
TM	15	712895001	3/5/2025	Ba-140	6.84E+00	3.10E+00	8.41E+00	U
TM	15	712895001	3/5/2025	Be-7	2.49E+00	4.04E+00	1.33E+01	U
TM	15	712895001	3/5/2025	Bi-214	2.01E+00	2.33E+00	4.13E+00	U
TM	15	712895001	3/5/2025	Ce-141	-2.85E+00	1.29E+00	2.53E+00	U
TM	15	712895001	3/5/2025	Ce-144	-1.91E-01	2.87E+00	9.38E+00	U
TM	15	712895001	3/5/2025	Co-57	5.31E-02	3.86E-01	1.27E+00	U
TM	15	712895001	3/5/2025	Co-58	-2.81E-01	5.27E-01	1.74E+00	U
TM	15	712895001	3/5/2025	Co-60	-9.86E-01	6.21E-01	1.71E+00	U
TM	15	712895001	3/5/2025	Cr-51	-4.83E+00	4.34E+00	1.39E+01	U
TM	15	712895001	3/5/2025	Cs-134	6.11E-01	5.58E-01	1.88E+00	U
TM	15	712895001	3/5/2025	Cs-137	2.24E+00	9.42E-01	1.60E+00	UI M
TM	15	712895001	3/5/2025	Fe-59	-8.66E-01	1.37E+00	4.36E+00	U
TM	15	712895001	3/5/2025	I-131	5.85E-02	1.17E-01	3.91E-01	U
TM	15	712895001	3/5/2025	K-40	1.92E+03	1.02E+02	1.57E+01	
TM	15	712895001	3/5/2025	La-140	4.44E-01	7.64E-01	2.60E+00	U
TM	15	712895001	3/5/2025	Mn-54	4.83E-01	5.20E-01	1.75E+00	U
TM	15	712895001	3/5/2025	Nb-95	4.63E-01	5.53E-01	1.87E+00	U
TM	15	712895001	3/5/2025	Pb-212	1.25E+00	2.10E+00	2.74E+00	U
TM	15	712895001	3/5/2025	Pb-214	1.81E+00	2.67E+00	3.67E+00	U
TM	15	712895001	3/5/2025	Ru-103	-1.51E+00	6.09E-01	1.49E+00	U
TM	15	712895001	3/5/2025	Ru-106	-2.10E+00	4.48E+00	1.41E+01	U
TM	15	712895001	3/5/2025	Sb-124	2.61E-01	1.14E+00	3.81E+00	U
TM	15	712895001	3/5/2025	Sb-125	8.46E-01	1.26E+00	4.18E+00	U
TM	15	712895001	3/5/2025	Se-75	-3.58E-01	5.94E-01	2.00E+00	U
TM	15	712895001	3/5/2025	Th-228	1.25E+00	2.10E+00	2.74E+00	U
TM	15	712895001	3/5/2025	Zn-65	-2.69E+00	1.69E+00	4.18E+00	U
TM	15	712895001	3/5/2025	Zr-95	1.04E-01	8.67E-01	2.95E+00	U
TM	15	717672001	4/2/2025	Ac-228	6.69E+00	6.81E+00	9.36E+00	U
TM	15	717672001	4/2/2025	Ag-108m	5.78E-01	5.19E-01	1.75E+00	U
TM	15	717672001	4/2/2025	Ag-110m	-7.40E-01	8.41E-01	2.55E+00	U
TM	15	717672001	4/2/2025	Ba-140	-1.79E+00	3.31E+00	1.08E+01	U
TM	15	717672001	4/2/2025	Be-7	-4.10E+00	5.07E+00	1.64E+01	U
TM	15	717672001	4/2/2025	Bi-214	2.03E+00	2.74E+00	3.78E+00	U
TM	15	717672001	4/2/2025	Ce-141	1.17E-01	2.03E+00	3.36E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	717672001	4/2/2025	Ce-144	1.05E+00	4.04E+00	1.34E+01	U
TM	15	717672001	4/2/2025	Co-57	-1.43E-01	5.07E-01	1.67E+00	U
TM	15	717672001	4/2/2025	Co-58	-3.53E-01	6.46E-01	2.03E+00	U
TM	15	717672001	4/2/2025	Co-60	6.80E-01	6.43E-01	2.19E+00	U
TM	15	717672001	4/2/2025	Cr-51	6.40E+00	6.39E+00	2.00E+01	U
TM	15	717672001	4/2/2025	Cs-134	-1.27E-01	6.95E-01	2.24E+00	U
TM	15	717672001	4/2/2025	Cs-137	0.00E+00	1.74E+00	1.93E+00	U
TM	15	717672001	4/2/2025	Fe-59	-2.57E+00	1.62E+00	4.81E+00	U
TM	15	717672001	4/2/2025	I-131	1.06E-01	3.11E-01	9.54E-01	U
TM	15	717672001	4/2/2025	K-40	1.61E+03	9.48E+01	2.10E+01	
TM	15	717672001	4/2/2025	La-140	-9.01E-01	1.02E+00	3.10E+00	U
TM	15	717672001	4/2/2025	Mn-54	-1.94E-01	5.69E-01	1.81E+00	U
TM	15	717672001	4/2/2025	Nb-95	-2.05E-01	6.17E-01	1.98E+00	U
TM	15	717672001	4/2/2025	Pb-212	-2.07E+00	1.96E+00	3.86E+00	U
TM	15	717672001	4/2/2025	Pb-214	-1.82E+00	2.38E+00	4.51E+00	U
TM	15	717672001	4/2/2025	Ru-103	9.86E-02	6.65E-01	2.02E+00	U
TM	15	717672001	4/2/2025	Ru-106	-2.12E+00	5.50E+00	1.79E+01	U
TM	15	717672001	4/2/2025	Sb-124	-7.38E-01	1.38E+00	3.69E+00	U
TM	15	717672001	4/2/2025	Sb-125	-1.50E-01	1.52E+00	5.14E+00	U
TM	15	717672001	4/2/2025	Se-75	4.76E-01	8.64E-01	2.76E+00	U
TM	15	717672001	4/2/2025	Th-228	-2.07E+00	1.96E+00	3.86E+00	U
TM	15	717672001	4/2/2025	Zn-65	1.66E+00	1.49E+00	4.77E+00	U
TM	15	717672001	4/2/2025	Zr-95	1.18E+00	1.12E+00	3.70E+00	U
TM	15	720294001	4/2/2025	Ac-228	-5.33E+00	4.93E+00	1.14E+01	U
TM	15	720294001	4/2/2025	Ag-108m	-3.20E-01	6.00E-01	1.89E+00	U
TM	15	720294001	4/2/2025	Ag-110m	-1.82E+00	1.16E+00	3.33E+00	U
TM	15	720294001	4/2/2025	Ba-140	3.86E+00	4.36E+00	1.39E+01	U
TM	15	720294001	4/2/2025	Be-7	1.09E+00	6.49E+00	1.86E+01	U
TM	15	720294001	4/2/2025	Bi-214	0.00E+00	3.23E+00	4.59E+00	U
TM	15	720294001	4/2/2025	Ce-141	9.85E-01	1.71E+00	3.09E+00	U
TM	15	720294001	4/2/2025	Ce-144	2.67E+00	3.57E+00	1.12E+01	U
TM	15	720294001	4/2/2025	Co-57	-1.68E-01	4.46E-01	1.39E+00	U
TM	15	720294001	4/2/2025	Co-58	3.94E-01	7.69E-01	2.56E+00	U
TM	15	720294001	4/2/2025	Co-60	-2.62E-03	8.38E-01	2.80E+00	U
TM	15	720294001	4/2/2025	Cr-51	4.76E+00	5.96E+00	1.96E+01	U
TM	15	720294001	4/2/2025	Cs-134	0.00E+00	1.53E+00	2.80E+00	U
TM	15	720294001	4/2/2025	Cs-137	0.00E+00	1.54E+00	2.37E+00	U
TM	15	720294001	4/2/2025	Fe-59	7.54E-01	1.96E+00	6.33E+00	U
TM	15	720294001	4/2/2025	I-131	5.88E-02	1.82E-01	5.85E-01	U
TM	15	720294001	4/2/2025	K-40	1.93E+03	9.50E+01	2.21E+01	
TM	15	720294001	4/2/2025	La-140	1.26E+00	1.30E+00	4.38E+00	U
TM	15	720294001	4/2/2025	Mn-54	-1.28E-01	7.63E-01	2.50E+00	U
TM	15	720294001	4/2/2025	Nb-95	1.08E+00	8.23E-01	2.69E+00	U
TM	15	720294001	4/2/2025	Pb-212	1.74E+00	2.55E+00	3.76E+00	U
TM	15	720294001	4/2/2025	Pb-214	-2.82E+00	2.44E+00	4.82E+00	U
TM	15	720294001	4/2/2025	Ru-103	8.36E-02	8.27E-01	2.35E+00	U
TM	15	720294001	4/2/2025	Ru-106	-6.45E+00	6.48E+00	2.06E+01	U
TM	15	720294001	4/2/2025	Sb-124	-1.81E+00	1.71E+00	5.06E+00	U
TM	15	720294001	4/2/2025	Sb-125	9.94E-06	1.82E+00	5.85E+00	U
TM	15	720294001	4/2/2025	Se-75	1.59E-01	7.50E-01	2.51E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS	
TM	15	720294001	4/2/2025	Th-228	1.74E+00	2.55E+00	3.76E+00	U	
TM	15	720294001	4/2/2025	Zn-65	-9.52E-01	2.01E+00	6.31E+00	U	
TM	15	720294001	4/2/2025	Zr-95	-1.80E+00	1.91E+00	4.40E+00	U	
TM	15	724931001	5/14/2025	Ac-228	-2.90E+00	3.46E+00	9.02E+00	U	
TM	15	724931001	5/14/2025	Ag-108m	-1.36E+00	7.73E-01	1.52E+00	U	
TM	15	724931001	5/14/2025	Ag-110m	7.58E-01	9.06E-01	2.72E+00	U	
TM	15	724931001	5/14/2025	Ba-140	-2.81E+00	3.40E+00	1.06E+01	U	
TM	15	724931001	5/14/2025	Be-7	8.52E+00	5.30E+00	1.70E+01	U	
TM	15	724931001	5/14/2025	Bi-214	9.45E-02	2.88E+00	4.59E+00	U	
TM	15	724931001	5/14/2025	Ce-141	-1.97E+00	1.05E+00	2.94E+00	U	
TM	15	724931001	5/14/2025	Ce-144	-4.19E+00	3.53E+00	1.09E+01	U	
TM	15	724931001	5/14/2025	Co-57	-1.34E-01	6.37E-01	1.47E+00	U	
TM	15	724931001	5/14/2025	Co-58	-3.59E-01	6.17E-01	2.02E+00	U	
TM	15	724931001	5/14/2025	Co-60	5.31E-01	7.39E-01	2.41E+00	U	
TM	15	724931001	5/14/2025	Cr-51	-4.21E+00	5.22E+00	1.71E+01	U	
TM	15	724931001	5/14/2025	Cs-134	7.58E-01	6.33E-01	2.13E+00	U	
TM	15	724931001	5/14/2025	Cs-137	3.47E+00	1.21E+00	1.88E+00	UI	M
TM	15	724931001	5/14/2025	Fe-59	-1.53E+00	2.04E+00	4.66E+00	U	
TM	15	724931001	5/14/2025	I-131	1.14E-01	2.22E-01	7.30E-01	U	
TM	15	724931001	5/14/2025	K-40	1.68E+03	9.15E+01	1.96E+01		
TM	15	724931001	5/14/2025	La-140	-1.13E+00	9.34E-01	2.73E+00	U	
TM	15	724931001	5/14/2025	Mn-54	-5.71E-01	6.01E-01	1.90E+00	U	
TM	15	724931001	5/14/2025	Nb-95	-6.52E-01	6.16E-01	1.95E+00	U	
TM	15	724931001	5/14/2025	Pb-212	3.09E+00	2.10E+00	3.73E+00	U	
TM	15	724931001	5/14/2025	Pb-214	4.53E-01	2.36E+00	4.14E+00	U	
TM	15	724931001	5/14/2025	Ru-103	1.36E-01	6.07E-01	2.00E+00	U	
TM	15	724931001	5/14/2025	Ru-106	3.56E-01	5.46E+00	1.75E+01	U	
TM	15	724931001	5/14/2025	Sb-124	7.58E-01	1.29E+00	4.39E+00	U	
TM	15	724931001	5/14/2025	Sb-125	2.07E+00	1.53E+00	5.01E+00	U	
TM	15	724931001	5/14/2025	Se-75	2.66E-01	7.75E-01	2.42E+00	U	
TM	15	724931001	5/14/2025	Th-228	3.09E+00	2.10E+00	3.73E+00	U	
TM	15	724931001	5/14/2025	Zn-65	2.07E+00	1.72E+00	5.62E+00	U	
TM	15	724931001	5/14/2025	Zr-95	-1.56E+00	1.08E+00	3.26E+00	U	
TM	15	727300001	5/29/2025	Ac-228	-1.04E+00	3.39E+00	8.32E+00	U	
TM	15	727300001	5/29/2025	Ag-108m	1.78E-01	3.94E-01	1.34E+00	U	
TM	15	727300001	5/29/2025	Ag-110m	1.13E+00	7.69E-01	2.48E+00	U	
TM	15	727300001	5/29/2025	Ba-140	-2.77E+00	4.88E+00	1.32E+01	U	
TM	15	727300001	5/29/2025	Be-7	-1.67E+00	4.73E+00	1.56E+01	U	
TM	15	727300001	5/29/2025	Bi-214	2.39E+00	2.09E+00	3.90E+00	U	
TM	15	727300001	5/29/2025	Ce-141	-8.45E-01	1.06E+00	3.27E+00	U	
TM	15	727300001	5/29/2025	Ce-144	-2.35E+00	3.30E+00	1.03E+01	U	
TM	15	727300001	5/29/2025	Co-57	-5.07E-01	4.41E-01	1.34E+00	U	
TM	15	727300001	5/29/2025	Co-58	3.74E-01	5.60E-01	1.84E+00	U	
TM	15	727300001	5/29/2025	Co-60	3.54E-01	5.67E-01	1.93E+00	U	
TM	15	727300001	5/29/2025	Cr-51	4.80E+00	5.46E+00	1.86E+01	U	
TM	15	727300001	5/29/2025	Cs-134	1.12E+00	6.69E-01	2.13E+00	U	
TM	15	727300001	5/29/2025	Cs-137	2.41E+00	1.06E+00	1.68E+00	UI	M
TM	15	727300001	5/29/2025	Fe-59	-1.40E+00	1.41E+00	4.49E+00	U	
TM	15	727300001	5/29/2025	I-131	4.82E-02	1.59E-01	5.37E-01	U	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	727300001	5/29/2025	K-40	1.74E+03	8.17E+01	1.54E+01	
TM	15	727300001	5/29/2025	La-140	2.35E+00	1.29E+00	4.34E+00	U
TM	15	727300001	5/29/2025	Mn-54	6.94E-02	5.26E-01	1.70E+00	U
TM	15	727300001	5/29/2025	Nb-95	-6.41E-01	6.34E-01	1.92E+00	U
TM	15	727300001	5/29/2025	Pb-212	-1.17E+00	1.39E+00	3.69E+00	U
TM	15	727300001	5/29/2025	Pb-214	3.65E+00	2.18E+00	4.08E+00	U
TM	15	727300001	5/29/2025	Ru-103	-3.82E-01	6.33E-01	1.82E+00	U
TM	15	727300001	5/29/2025	Ru-106	3.67E+00	4.42E+00	1.47E+01	U
TM	15	727300001	5/29/2025	Sb-124	-4.59E-01	1.20E+00	3.83E+00	U
TM	15	727300001	5/29/2025	Sb-125	-2.16E-01	1.28E+00	4.27E+00	U
TM	15	727300001	5/29/2025	Se-75	3.49E-03	6.98E-01	2.18E+00	U
TM	15	727300001	5/29/2025	Th-228	-1.17E+00	1.39E+00	3.69E+00	U
TM	15	727300001	5/29/2025	Zn-65	4.08E-01	1.37E+00	4.67E+00	U
TM	15	727300001	5/29/2025	Zr-95	-9.80E-01	1.07E+00	3.27E+00	U
TM	15	729008001	6/11/2025	Ac-228	-1.11E+01	5.92E+00	1.24E+01	U
TM	15	729008001	6/11/2025	Ag-108m	-2.31E-02	6.75E-01	2.24E+00	U
TM	15	729008001	6/11/2025	Ag-110m	-8.53E-01	1.05E+00	3.14E+00	U
TM	15	729008001	6/11/2025	Ba-140	1.54E+00	3.77E+00	1.25E+01	U
TM	15	729008001	6/11/2025	Be-7	-9.38E+00	7.20E+00	2.18E+01	U
TM	15	729008001	6/11/2025	Bi-214	2.19E+00	3.20E+00	5.13E+00	U
TM	15	729008001	6/11/2025	Ce-141	-1.24E+00	1.56E+00	4.79E+00	U
TM	15	729008001	6/11/2025	Ce-144	-4.24E+00	5.87E+00	1.82E+01	U
TM	15	729008001	6/11/2025	Co-57	1.64E+00	9.39E-01	2.40E+00	U
TM	15	729008001	6/11/2025	Co-58	1.89E-01	8.44E-01	2.42E+00	U
TM	15	729008001	6/11/2025	Co-60	4.55E-01	8.55E-01	2.56E+00	U
TM	15	729008001	6/11/2025	Cr-51	9.08E-01	7.52E+00	2.55E+01	U
TM	15	729008001	6/11/2025	Cs-134	9.90E-01	1.52E+00	2.86E+00	U
TM	15	729008001	6/11/2025	Cs-137	2.13E-01	1.22E+00	2.64E+00	U
TM	15	729008001	6/11/2025	Fe-59	-5.47E-01	1.68E+00	5.54E+00	U
TM	15	729008001	6/11/2025	I-131	6.29E-01	3.74E-01	1.22E+00	U DL
TM	15	729008001	6/11/2025	K-40	1.56E+03	9.03E+01	1.92E+01	
TM	15	729008001	6/11/2025	La-140	-5.51E-01	1.12E+00	3.50E+00	U
TM	15	729008001	6/11/2025	Mn-54	1.15E-01	7.44E-01	2.38E+00	U
TM	15	729008001	6/11/2025	Nb-95	5.54E-01	8.73E-01	2.55E+00	U
TM	15	729008001	6/11/2025	Pb-212	3.55E+00	3.06E+00	5.69E+00	U
TM	15	729008001	6/11/2025	Pb-214	-4.15E+00	2.98E+00	6.71E+00	U
TM	15	729008001	6/11/2025	Ru-103	-4.23E-01	8.14E-01	2.63E+00	U
TM	15	729008001	6/11/2025	Ru-106	-5.69E-01	7.01E+00	2.27E+01	U
TM	15	729008001	6/11/2025	Sb-124	-4.29E-01	1.65E+00	5.23E+00	U
TM	15	729008001	6/11/2025	Sb-125	1.23E+00	2.09E+00	6.99E+00	U
TM	15	729008001	6/11/2025	Se-75	-1.93E+00	1.43E+00	3.61E+00	U
TM	15	729008001	6/11/2025	Th-228	3.55E+00	3.06E+00	5.69E+00	U
TM	15	729008001	6/11/2025	Zn-65	-1.55E-01	1.92E+00	5.63E+00	U
TM	15	729008001	6/11/2025	Zr-95	-1.17E+00	1.32E+00	3.97E+00	U
TM	15	731531001	6/25/2025	Ac-228	5.61E+00	5.27E+00	1.17E+01	U
TM	15	731531001	6/25/2025	Ag-108m	4.04E-01	6.08E-01	2.03E+00	U
TM	15	731531001	6/25/2025	Ag-110m	2.33E+00	1.14E+00	3.09E+00	U
TM	15	731531001	6/25/2025	Ba-140	-1.23E+00	4.32E+00	1.41E+01	U
TM	15	731531001	6/25/2025	Be-7	1.40E+01	6.94E+00	2.13E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	731531001	6/25/2025	Bi-214	-3.46E+00	2.51E+00	5.81E+00	U
TM	15	731531001	6/25/2025	Ce-141	3.03E-01	1.46E+00	4.66E+00	U
TM	15	731531001	6/25/2025	Ce-144	-7.56E-01	5.07E+00	1.62E+01	U
TM	15	731531001	6/25/2025	Co-57	5.50E-01	6.67E-01	2.12E+00	U
TM	15	731531001	6/25/2025	Co-58	1.28E+00	8.17E-01	2.56E+00	U
TM	15	731531001	6/25/2025	Co-60	8.56E-01	6.97E-01	2.33E+00	U
TM	15	731531001	6/25/2025	Cr-51	7.27E+00	7.29E+00	2.44E+01	U
TM	15	731531001	6/25/2025	Cs-134	2.78E-01	7.88E-01	2.54E+00	U
TM	15	731531001	6/25/2025	Cs-137	0.00E+00	1.29E+00	2.08E+00	U
TM	15	731531001	6/25/2025	Fe-59	7.76E-01	1.51E+00	5.13E+00	U
TM	15	731531001	6/25/2025	I-131	-1.44E-01	2.50E-01	8.33E-01	U
TM	15	731531001	6/25/2025	K-40	1.67E+03	9.34E+01	1.99E+01	
TM	15	731531001	6/25/2025	La-140	1.40E+00	1.47E+00	4.38E+00	U
TM	15	731531001	6/25/2025	Mn-54	-3.56E-01	6.48E-01	2.00E+00	U
TM	15	731531001	6/25/2025	Nb-95	3.07E-01	7.74E-01	2.50E+00	U
TM	15	731531001	6/25/2025	Pb-212	-6.23E-01	2.12E+00	4.96E+00	U
TM	15	731531001	6/25/2025	Pb-214	-6.56E+00	3.07E+00	6.02E+00	U
TM	15	731531001	6/25/2025	Ru-103	-8.02E-01	7.64E-01	2.38E+00	U
TM	15	731531001	6/25/2025	Ru-106	1.54E+00	5.78E+00	1.89E+01	U
TM	15	731531001	6/25/2025	Sb-124	6.20E-01	1.60E+00	5.29E+00	U
TM	15	731531001	6/25/2025	Sb-125	2.27E-02	1.81E+00	6.03E+00	U
TM	15	731531001	6/25/2025	Se-75	6.64E-01	9.44E-01	3.22E+00	U
TM	15	731531001	6/25/2025	Th-228	-6.23E-01	2.12E+00	4.96E+00	U
TM	15	731531001	6/25/2025	Zn-65	-8.49E-01	1.86E+00	5.36E+00	U
TM	15	731531001	6/25/2025	Zr-95	2.81E-01	1.33E+00	4.28E+00	U
TM	15	732784001	7/9/2025	Ac-228	1.07E+00	4.50E+00	6.15E+00	U
TM	15	732784001	7/9/2025	Ag-108m	-7.62E-02	3.57E-01	1.16E+00	U
TM	15	732784001	7/9/2025	Ag-110m	-4.53E-01	6.72E-01	1.91E+00	U
TM	15	732784001	7/9/2025	Ba-140	3.94E+00	2.88E+00	7.13E+00	U
TM	15	732784001	7/9/2025	Be-7	-3.97E+00	3.68E+00	1.12E+01	U
TM	15	732784001	7/9/2025	Bi-214	6.22E-01	1.94E+00	3.24E+00	U
TM	15	732784001	7/9/2025	Ce-141	-2.77E-01	7.04E-01	2.40E+00	U
TM	15	732784001	7/9/2025	Ce-144	-1.67E+00	2.71E+00	8.26E+00	U
TM	15	732784001	7/9/2025	Co-57	-5.61E-02	3.42E-01	1.06E+00	U
TM	15	732784001	7/9/2025	Co-58	-5.58E-01	4.47E-01	1.39E+00	U
TM	15	732784001	7/9/2025	Co-60	-5.57E-02	4.88E-01	1.53E+00	U
TM	15	732784001	7/9/2025	Cr-51	-6.13E-01	3.79E+00	1.25E+01	U
TM	15	732784001	7/9/2025	Cs-134	-7.91E-01	4.80E-01	1.43E+00	U
TM	15	732784001	7/9/2025	Cs-137	2.19E+00	7.51E-01	1.33E+00	M
TM	15	732784001	7/9/2025	Fe-59	-2.01E+00	1.16E+00	3.32E+00	U
TM	15	732784001	7/9/2025	I-131	-4.13E-01	2.14E-01	6.09E-01	U
TM	15	732784001	7/9/2025	K-40	1.64E+03	8.27E+01	1.22E+01	
TM	15	732784001	7/9/2025	La-140	-7.98E-02	6.19E-01	1.98E+00	U
TM	15	732784001	7/9/2025	Mn-54	8.34E-01	5.03E-01	1.32E+00	U
TM	15	732784001	7/9/2025	Nb-95	1.99E-01	4.12E-01	1.41E+00	U
TM	15	732784001	7/9/2025	Pb-212	6.51E-02	1.18E+00	2.77E+00	U
TM	15	732784001	7/9/2025	Pb-214	1.42E-01	1.65E+00	3.17E+00	U
TM	15	732784001	7/9/2025	Ru-103	-1.04E+00	4.93E-01	1.30E+00	U
TM	15	732784001	7/9/2025	Ru-106	-8.30E-01	3.76E+00	1.19E+01	U
TM	15	732784001	7/9/2025	Sb-124	-3.27E-01	8.18E-01	2.54E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	732784001	7/9/2025	Sb-125	-1.31E+00	1.06E+00	3.23E+00	U
TM	15	732784001	7/9/2025	Se-75	-1.60E+00	9.55E-01	1.70E+00	U
TM	15	732784001	7/9/2025	Th-228	6.51E-02	1.18E+00	2.77E+00	U
TM	15	732784001	7/9/2025	Zn-65	-1.16E+00	1.12E+00	3.47E+00	U
TM	15	732784001	7/9/2025	Zr-95	8.09E-01	7.69E-01	2.60E+00	U
TM	15	735388001	7/23/2025	Ac-228	-1.57E+00	3.92E+00	8.60E+00	U
TM	15	735388001	7/23/2025	Ag-108m	-1.80E-01	4.89E-01	1.44E+00	U
TM	15	735388001	7/23/2025	Ag-110m	7.89E-01	6.83E-01	2.40E+00	U
TM	15	735388001	7/23/2025	Ba-140	-1.64E+00	4.43E+00	1.28E+01	U
TM	15	735388001	7/23/2025	Be-7	2.03E+00	5.01E+00	1.53E+01	U
TM	15	735388001	7/23/2025	Bi-214	-7.59E-01	2.01E+00	4.34E+00	U
TM	15	735388001	7/23/2025	Ce-141	5.89E-01	1.08E+00	3.50E+00	U
TM	15	735388001	7/23/2025	Ce-144	-1.24E+00	3.68E+00	1.18E+01	U
TM	15	735388001	7/23/2025	Co-57	7.10E-02	4.70E-01	1.53E+00	U
TM	15	735388001	7/23/2025	Co-58	-1.92E-01	4.93E-01	1.66E+00	U
TM	15	735388001	7/23/2025	Co-60	9.42E-02	5.70E-01	1.92E+00	U
TM	15	735388001	7/23/2025	Cr-51	7.17E+00	6.00E+00	1.88E+01	U
TM	15	735388001	7/23/2025	Cs-134	2.74E-01	4.69E-01	1.66E+00	U
TM	15	735388001	7/23/2025	Cs-137	6.89E-01	5.74E-01	2.02E+00	U
TM	15	735388001	7/23/2025	Fe-59	-2.17E-01	1.44E+00	4.82E+00	U
TM	15	735388001	7/23/2025	I-131	-3.90E-01	2.37E-01	7.18E-01	U
TM	15	735388001	7/23/2025	K-40	1.73E+03	1.04E+02	1.40E+01	
TM	15	735388001	7/23/2025	La-140	-4.14E-01	1.10E+00	3.46E+00	U
TM	15	735388001	7/23/2025	Mn-54	3.20E-01	4.91E-01	1.73E+00	U
TM	15	735388001	7/23/2025	Nb-95	0.00E+00	1.19E+00	1.67E+00	U
TM	15	735388001	7/23/2025	Pb-212	2.06E+00	2.52E+00	4.00E+00	U
TM	15	735388001	7/23/2025	Pb-214	4.87E-01	3.38E+00	4.21E+00	U
TM	15	735388001	7/23/2025	Ru-103	1.14E-01	6.66E-01	2.01E+00	U
TM	15	735388001	7/23/2025	Ru-106	-5.62E+00	4.13E+00	1.28E+01	U
TM	15	735388001	7/23/2025	Sb-124	1.10E+00	1.15E+00	4.06E+00	U
TM	15	735388001	7/23/2025	Sb-125	1.16E+00	1.46E+00	4.52E+00	U
TM	15	735388001	7/23/2025	Se-75	9.26E-01	7.52E-01	2.36E+00	U
TM	15	735388001	7/23/2025	Th-228	2.06E+00	2.52E+00	4.00E+00	U
TM	15	735388001	7/23/2025	Zn-65	1.46E+00	1.26E+00	4.37E+00	U
TM	15	735388001	7/23/2025	Zr-95	-1.11E+00	9.79E-01	3.07E+00	U
TM	15	737694001	8/6/2025	Ac-228	8.59E+00	4.42E+00	8.95E+00	U
TM	15	737694001	8/6/2025	Ag-108m	-4.99E-01	4.71E-01	1.46E+00	U
TM	15	737694001	8/6/2025	Ag-110m	-3.07E-01	8.02E-01	2.65E+00	U
TM	15	737694001	8/6/2025	Ba-140	-9.57E-01	3.51E+00	1.13E+01	U
TM	15	737694001	8/6/2025	Be-7	-4.23E-01	4.99E+00	1.63E+01	U
TM	15	737694001	8/6/2025	Bi-214	-2.30E+00	1.94E+00	3.97E+00	U
TM	15	737694001	8/6/2025	Ce-141	-4.88E-01	9.80E-01	3.08E+00	U
TM	15	737694001	8/6/2025	Ce-144	5.60E-01	3.35E+00	1.08E+01	U
TM	15	737694001	8/6/2025	Co-57	-2.11E-02	4.27E-01	1.37E+00	U
TM	15	737694001	8/6/2025	Co-58	6.18E-03	5.82E-01	1.97E+00	U
TM	15	737694001	8/6/2025	Co-60	5.25E-01	6.93E-01	2.28E+00	U
TM	15	737694001	8/6/2025	Cr-51	-4.71E+00	5.33E+00	1.72E+01	U
TM	15	737694001	8/6/2025	Cs-134	1.33E-01	6.10E-01	2.08E+00	U
TM	15	737694001	8/6/2025	Cs-137	1.35E+00	1.26E+00	1.83E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	737694001	8/6/2025	Fe-59	-2.02E+00	1.59E+00	4.79E+00	U
TM	15	737694001	8/6/2025	I-131	-1.57E-01	1.93E-01	6.22E-01	U
TM	15	737694001	8/6/2025	K-40	2.14E+03	1.03E+02	1.77E+01	
TM	15	737694001	8/6/2025	La-140	-9.83E-02	1.10E+00	3.20E+00	U
TM	15	737694001	8/6/2025	Mn-54	2.41E-01	5.82E-01	1.98E+00	U
TM	15	737694001	8/6/2025	Nb-95	9.30E-01	6.17E-01	2.05E+00	U
TM	15	737694001	8/6/2025	Pb-212	5.97E-01	2.10E+00	2.92E+00	U
TM	15	737694001	8/6/2025	Pb-214	-1.66E+00	1.97E+00	4.28E+00	U
TM	15	737694001	8/6/2025	Ru-103	-2.68E-01	6.76E-01	1.93E+00	U
TM	15	737694001	8/6/2025	Ru-106	5.33E+00	5.24E+00	1.69E+01	U
TM	15	737694001	8/6/2025	Sb-124	4.05E-01	1.20E+00	4.10E+00	U
TM	15	737694001	8/6/2025	Sb-125	4.70E-01	1.37E+00	4.55E+00	U
TM	15	737694001	8/6/2025	Se-75	5.28E-01	6.82E-01	2.32E+00	U
TM	15	737694001	8/6/2025	Th-228	5.97E-01	2.10E+00	2.92E+00	U
TM	15	737694001	8/6/2025	Zn-65	-1.85E+00	1.58E+00	4.81E+00	U
TM	15	737694001	8/6/2025	Zr-95	2.29E+00	1.55E+00	3.71E+00	U
TM	15	739731001	8/20/2025	Ac-228	6.34E+00	6.35E+00	1.00E+01	U
TM	15	739731001	8/20/2025	Ag-108m	1.25E+00	5.95E-01	1.84E+00	U
TM	15	739731001	8/20/2025	Ag-110m	2.88E-01	9.02E-01	3.06E+00	U
TM	15	739731001	8/20/2025	Ba-140	2.32E+00	3.25E+00	1.07E+01	U
TM	15	739731001	8/20/2025	Be-7	2.54E+00	5.24E+00	1.74E+01	U
TM	15	739731001	8/20/2025	Bi-214	0.00E+00	2.30E+00	4.13E+00	U
TM	15	739731001	8/20/2025	Ce-141	2.91E-01	1.06E+00	3.38E+00	U
TM	15	739731001	8/20/2025	Ce-144	2.59E+00	3.68E+00	1.18E+01	U
TM	15	739731001	8/20/2025	Co-57	-2.79E-01	4.92E-01	1.55E+00	U
TM	15	739731001	8/20/2025	Co-58	1.57E+00	7.68E-01	2.47E+00	U
TM	15	739731001	8/20/2025	Co-60	2.01E-01	7.45E-01	2.45E+00	U
TM	15	739731001	8/20/2025	Cr-51	1.68E-01	5.47E+00	1.84E+01	U
TM	15	739731001	8/20/2025	Cs-134	1.48E+00	7.37E-01	2.40E+00	U
TM	15	739731001	8/20/2025	Cs-137	0.00E+00	1.32E+00	2.15E+00	U
TM	15	739731001	8/20/2025	Fe-59	-1.68E+00	1.58E+00	4.82E+00	U
TM	15	739731001	8/20/2025	I-131	-1.28E-01	2.29E-01	7.54E-01	U
TM	15	739731001	8/20/2025	K-40	1.92E+03	9.56E+01	1.99E+01	
TM	15	739731001	8/20/2025	La-140	-2.14E+00	1.03E+00	2.48E+00	U
TM	15	739731001	8/20/2025	Mn-54	-1.03E+00	9.77E-01	2.13E+00	U
TM	15	739731001	8/20/2025	Nb-95	-4.30E-01	6.49E-01	2.12E+00	U
TM	15	739731001	8/20/2025	Pb-212	0.00E+00	2.15E+00	3.56E+00	U
TM	15	739731001	8/20/2025	Pb-214	1.10E+00	2.60E+00	4.58E+00	U
TM	15	739731001	8/20/2025	Ru-103	-1.64E+00	7.72E-01	2.00E+00	U
TM	15	739731001	8/20/2025	Ru-106	1.47E+01	7.17E+00	1.89E+01	U
TM	15	739731001	8/20/2025	Sb-124	-3.76E-01	1.31E+00	4.04E+00	U
TM	15	739731001	8/20/2025	Sb-125	-4.47E-01	1.70E+00	5.55E+00	U
TM	15	739731001	8/20/2025	Se-75	-4.27E-01	7.88E-01	2.63E+00	U
TM	15	739731001	8/20/2025	Th-228	0.00E+00	2.15E+00	3.56E+00	U
TM	15	739731001	8/20/2025	Zn-65	0.00E+00	1.71E+00	2.47E+00	U
TM	15	739731001	8/20/2025	Zr-95	1.17E+00	1.23E+00	4.20E+00	U
TM	15	741473001	9/3/2025	Ac-228	4.08E-01	5.19E+00	1.19E+01	U
TM	15	741473001	9/3/2025	Ag-108m	-2.69E+00	1.28E+00	2.38E+00	U
TM	15	741473001	9/3/2025	Ag-110m	1.35E+00	1.15E+00	3.75E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	741473001	9/3/2025	Ba-140	1.93E+00	3.68E+00	1.24E+01	U
TM	15	741473001	9/3/2025	Be-7	-3.65E+00	6.55E+00	2.14E+01	U
TM	15	741473001	9/3/2025	Bi-214	-1.27E+00	2.09E+00	5.76E+00	U
TM	15	741473001	9/3/2025	Ce-141	2.32E+00	2.09E+00	4.15E+00	U
TM	15	741473001	9/3/2025	Ce-144	-2.25E+00	4.78E+00	1.53E+01	U
TM	15	741473001	9/3/2025	Co-57	1.17E+00	7.05E-01	2.21E+00	U
TM	15	741473001	9/3/2025	Co-58	-9.64E-02	7.71E-01	2.47E+00	U
TM	15	741473001	9/3/2025	Co-60	-7.00E-01	7.51E-01	2.30E+00	U
TM	15	741473001	9/3/2025	Cr-51	3.91E+00	7.49E+00	2.34E+01	U
TM	15	741473001	9/3/2025	Cs-134	7.51E-01	9.22E-01	3.04E+00	U
TM	15	741473001	9/3/2025	Cs-137	4.94E+00	1.52E+00	2.83E+00	M
TM	15	741473001	9/3/2025	Fe-59	7.64E-02	1.75E+00	5.94E+00	U
TM	15	741473001	9/3/2025	I-131	3.13E-01	2.93E-01	9.74E-01	U
TM	15	741473001	9/3/2025	K-40	2.11E+03	1.10E+02	2.25E+01	
TM	15	741473001	9/3/2025	La-140	2.57E-01	9.81E-01	3.29E+00	U
TM	15	741473001	9/3/2025	Mn-54	6.01E-01	8.21E-01	2.69E+00	U
TM	15	741473001	9/3/2025	Nb-95	1.05E+00	8.00E-01	2.63E+00	U
TM	15	741473001	9/3/2025	Pb-212	9.87E-01	2.64E+00	4.46E+00	U
TM	15	741473001	9/3/2025	Pb-214	2.36E+00	4.16E+00	5.75E+00	U
TM	15	741473001	9/3/2025	Ru-103	-1.00E+00	8.49E-01	2.62E+00	U
TM	15	741473001	9/3/2025	Ru-106	7.36E+00	7.05E+00	2.35E+01	U
TM	15	741473001	9/3/2025	Sb-124	9.91E-01	1.35E+00	4.66E+00	U
TM	15	741473001	9/3/2025	Sb-125	-3.87E-01	2.04E+00	6.82E+00	U
TM	15	741473001	9/3/2025	Se-75	7.86E-01	1.04E+00	3.28E+00	U
TM	15	741473001	9/3/2025	Th-228	9.87E-01	2.64E+00	4.46E+00	U
TM	15	741473001	9/3/2025	Zn-65	3.99E-01	1.76E+00	6.02E+00	U
TM	15	741473001	9/3/2025	Zr-95	7.11E-01	1.58E+00	5.18E+00	U
TM	15	744091001	9/17/2025	Ac-228	6.27E+00	3.09E+00	1.01E+01	U
TM	15	744091001	9/17/2025	Ag-108m	-5.46E-02	4.79E-01	1.59E+00	U
TM	15	744091001	9/17/2025	Ag-110m	-1.03E+00	1.05E+00	3.05E+00	U
TM	15	744091001	9/17/2025	Ba-140	3.07E+00	3.36E+00	1.12E+01	U
TM	15	744091001	9/17/2025	Be-7	-1.83E+00	5.06E+00	1.64E+01	U
TM	15	744091001	9/17/2025	Bi-214	3.83E+00	3.40E+00	5.47E+00	U
TM	15	744091001	9/17/2025	Ce-141	2.37E-01	2.07E+00	3.37E+00	U
TM	15	744091001	9/17/2025	Ce-144	-4.88E+00	4.57E+00	1.38E+01	U
TM	15	744091001	9/17/2025	Co-57	1.31E-01	5.65E-01	1.83E+00	U
TM	15	744091001	9/17/2025	Co-58	7.26E-01	5.96E-01	1.98E+00	U
TM	15	744091001	9/17/2025	Co-60	4.14E-01	7.93E-01	2.68E+00	U
TM	15	744091001	9/17/2025	Cr-51	2.10E+00	5.60E+00	1.92E+01	U
TM	15	744091001	9/17/2025	Cs-134	-1.22E+00	8.11E-01	2.20E+00	U
TM	15	744091001	9/17/2025	Cs-137	2.04E+00	9.02E-01	2.76E+00	U
TM	15	744091001	9/17/2025	Fe-59	-1.41E+00	1.56E+00	4.86E+00	U
TM	15	744091001	9/17/2025	I-131	1.95E-01	2.07E-01	7.06E-01	U
TM	15	744091001	9/17/2025	K-40	1.64E+03	8.29E+01	1.95E+01	
TM	15	744091001	9/17/2025	La-140	-5.41E-01	1.02E+00	3.16E+00	U
TM	15	744091001	9/17/2025	Mn-54	2.44E-01	8.63E-01	2.48E+00	U
TM	15	744091001	9/17/2025	Nb-95	-6.00E-01	7.33E-01	2.21E+00	U
TM	15	744091001	9/17/2025	Pb-212	3.83E-01	2.07E+00	4.38E+00	U
TM	15	744091001	9/17/2025	Pb-214	8.41E-01	2.23E+00	4.82E+00	U
TM	15	744091001	9/17/2025	Ru-103	-3.77E-01	6.83E-01	1.94E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	744091001	9/17/2025	Ru-106	9.15E+00	6.77E+00	2.22E+01	U
TM	15	744091001	9/17/2025	Sb-124	-7.10E-01	1.32E+00	4.01E+00	U
TM	15	744091001	9/17/2025	Sb-125	2.26E+00	1.70E+00	5.66E+00	U
TM	15	744091001	9/17/2025	Se-75	2.02E-01	7.93E-01	2.73E+00	U
TM	15	744091001	9/17/2025	Th-228	3.83E-01	2.07E+00	4.38E+00	U
TM	15	744091001	9/17/2025	Zn-65	2.36E+00	3.01E+00	5.25E+00	U
TM	15	744091001	9/17/2025	Zr-95	5.49E-01	1.23E+00	4.02E+00	U
TM	15	748368001	10/15/2025	Ac-228	-6.32E+00	5.99E+00	9.98E+00	U
TM	15	748368001	10/15/2025	Ag-108m	7.69E-02	5.25E-01	1.72E+00	U
TM	15	748368001	10/15/2025	Ag-110m	-7.51E-01	8.41E-01	2.73E+00	U
TM	15	748368001	10/15/2025	Ba-140	6.22E+00	4.62E+00	1.47E+01	U
TM	15	748368001	10/15/2025	Be-7	-2.96E+00	5.75E+00	1.82E+01	U
TM	15	748368001	10/15/2025	Bi-214	3.21E+00	3.85E+00	5.39E+00	U
TM	15	748368001	10/15/2025	Ce-141	-9.18E-02	1.09E+00	3.73E+00	U
TM	15	748368001	10/15/2025	Ce-144	-5.68E-01	3.63E+00	1.25E+01	U
TM	15	748368001	10/15/2025	Co-57	5.08E-01	5.17E-01	1.77E+00	U
TM	15	748368001	10/15/2025	Co-58	-8.17E-01	7.33E-01	2.08E+00	U
TM	15	748368001	10/15/2025	Co-60	1.40E+00	8.19E-01	2.71E+00	U
TM	15	748368001	10/15/2025	Cr-51	-4.08E-01	6.29E+00	2.09E+01	U
TM	15	748368001	10/15/2025	Cs-134	-1.02E-01	7.21E-01	2.24E+00	U
TM	15	748368001	10/15/2025	Cs-137	4.94E-01	1.74E+00	2.09E+00	U
TM	15	748368001	10/15/2025	Fe-59	7.07E-01	1.75E+00	5.98E+00	U
TM	15	748368001	10/15/2025	I-131	-2.41E-01	2.98E-01	9.37E-01	U
TM	15	748368001	10/15/2025	K-40	2.04E+03	1.11E+02	2.00E+01	
TM	15	748368001	10/15/2025	La-140	-1.23E+01	5.43E+00	4.59E+00	U
TM	15	748368001	10/15/2025	Mn-54	5.51E-01	7.17E-01	2.27E+00	U
TM	15	748368001	10/15/2025	Nb-95	-7.09E-01	7.43E-01	2.17E+00	U
TM	15	748368001	10/15/2025	Pb-212	-3.61E-02	2.18E+00	4.45E+00	U
TM	15	748368001	10/15/2025	Pb-214	-3.88E+00	2.76E+00	5.05E+00	U
TM	15	748368001	10/15/2025	Ru-103	2.14E-01	7.45E-01	2.24E+00	U
TM	15	748368001	10/15/2025	Ru-106	-6.83E+00	5.90E+00	1.72E+01	U
TM	15	748368001	10/15/2025	Sb-124	-1.26E+00	1.44E+00	4.26E+00	U
TM	15	748368001	10/15/2025	Sb-125	-1.88E-01	1.61E+00	5.23E+00	U
TM	15	748368001	10/15/2025	Se-75	6.76E-01	8.26E-01	2.76E+00	U
TM	15	748368001	10/15/2025	Th-228	-3.61E-02	2.18E+00	4.45E+00	U
TM	15	748368001	10/15/2025	Zn-65	-1.64E+00	1.66E+00	5.25E+00	U
TM	15	748368001	10/15/2025	Zr-95	-5.06E+00	2.55E+00	3.84E+00	U
TM	15	752817001	11/12/2025	Ac-228	-2.05E+00	2.97E+00	6.00E+00	U
TM	15	752817001	11/12/2025	Ag-108m	-3.17E-01	3.13E-01	9.79E-01	U
TM	15	752817001	11/12/2025	Ag-110m	3.82E-01	5.54E-01	1.79E+00	U
TM	15	752817001	11/12/2025	Ba-140	1.80E+00	2.73E+00	9.12E+00	U
TM	15	752817001	11/12/2025	Be-7	2.41E-01	3.35E+00	1.12E+01	U
TM	15	752817001	11/12/2025	Bi-214	0.00E+00	1.84E+00	3.48E+00	U
TM	15	752817001	11/12/2025	Ce-141	2.33E-01	7.37E-01	2.21E+00	U
TM	15	752817001	11/12/2025	Ce-144	-1.29E+00	2.56E+00	7.50E+00	U
TM	15	752817001	11/12/2025	Co-57	-1.92E-01	3.33E-01	9.77E-01	U
TM	15	752817001	11/12/2025	Co-58	3.22E-01	4.28E-01	1.39E+00	U
TM	15	752817001	11/12/2025	Co-60	4.55E-01	4.67E-01	1.61E+00	U
TM	15	752817001	11/12/2025	Cr-51	1.86E+00	4.16E+00	1.43E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
TM	15	752817001	11/12/2025	Cs-134	-3.84E-01	4.90E-01	1.48E+00	U
TM	15	752817001	11/12/2025	Cs-137	0.00E+00	9.13E-01	1.35E+00	U
TM	15	752817001	11/12/2025	Fe-59	-1.44E-01	1.20E+00	4.10E+00	U
TM	15	752817001	11/12/2025	I-131	-2.33E-01	1.01E+00	3.28E+00	U DL
TM	15	752817001	11/12/2025	K-40	2.03E+03	9.76E+01	1.27E+01	
TM	15	752817001	11/12/2025	La-140	-4.25E-02	1.15E+00	2.48E+00	U
TM	15	752817001	11/12/2025	Mn-54	-8.02E-01	4.68E-01	1.24E+00	U
TM	15	752817001	11/12/2025	Nb-95	-1.10E-01	4.47E-01	1.42E+00	U
TM	15	752817001	11/12/2025	Pb-212	1.98E-01	1.30E+00	3.13E+00	U
TM	15	752817001	11/12/2025	Pb-214	0.00E+00	2.65E+00	3.23E+00	U
TM	15	752817001	11/12/2025	Ru-103	-2.27E-01	4.41E-01	1.42E+00	U
TM	15	752817001	11/12/2025	Ru-106	-4.96E+00	3.75E+00	1.09E+01	U
TM	15	752817001	11/12/2025	Sb-124	-8.69E-01	8.79E-01	2.60E+00	U
TM	15	752817001	11/12/2025	Sb-125	8.49E-01	1.02E+00	3.44E+00	U
TM	15	752817001	11/12/2025	Se-75	1.05E+00	5.47E-01	1.77E+00	U
TM	15	752817001	11/12/2025	Th-228	1.98E-01	1.30E+00	3.13E+00	U
TM	15	752817001	11/12/2025	Zn-65	7.42E-01	1.12E+00	3.87E+00	U
TM	15	752817001	11/12/2025	Zr-95	5.54E-01	8.38E-01	2.73E+00	U
TM	15	756642001	12/10/2025	Ac-228	-6.70E+00	3.79E+00	9.21E+00	U
TM	15	756642001	12/10/2025	Ag-108m	-8.52E-01	5.24E-01	1.48E+00	U
TM	15	756642001	12/10/2025	Ag-110m	-2.57E-01	7.60E-01	2.51E+00	U
TM	15	756642001	12/10/2025	Ba-140	4.97E-01	2.76E+00	8.84E+00	U
TM	15	756642001	12/10/2025	Be-7	2.64E+00	4.56E+00	1.49E+01	U
TM	15	756642001	12/10/2025	Bi-214	-1.55E+00	2.00E+00	5.24E+00	U
TM	15	756642001	12/10/2025	Ce-141	-5.48E-01	1.02E+00	2.96E+00	U
TM	15	756642001	12/10/2025	Ce-144	2.17E+00	3.75E+00	1.13E+01	U
TM	15	756642001	12/10/2025	Co-57	5.43E-02	4.72E-01	1.42E+00	U
TM	15	756642001	12/10/2025	Co-58	-8.72E-01	6.55E-01	1.76E+00	U
TM	15	756642001	12/10/2025	Co-60	5.26E-01	6.01E-01	2.00E+00	U
TM	15	756642001	12/10/2025	Cr-51	-3.28E+00	4.82E+00	1.56E+01	U
TM	15	756642001	12/10/2025	Cs-134	6.80E-02	6.09E-01	2.07E+00	U
TM	15	756642001	12/10/2025	Cs-137	2.06E-01	6.39E-01	2.01E+00	U
TM	15	756642001	12/10/2025	Fe-59	4.43E-01	1.48E+00	4.90E+00	U
TM	15	756642001	12/10/2025	I-131	1.29E-01	1.92E-01	6.29E-01	U
TM	15	756642001	12/10/2025	K-40	1.98E+03	9.77E+01	1.86E+01	
TM	15	756642001	12/10/2025	La-140	-1.09E+00	8.44E-01	2.50E+00	U
TM	15	756642001	12/10/2025	Mn-54	4.12E-01	5.37E-01	1.84E+00	U
TM	15	756642001	12/10/2025	Nb-95	4.53E-01	5.98E-01	2.06E+00	U
TM	15	756642001	12/10/2025	Pb-212	2.00E+00	2.22E+00	4.01E+00	U
TM	15	756642001	12/10/2025	Pb-214	6.44E-01	3.12E+00	4.74E+00	U
TM	15	756642001	12/10/2025	Ru-103	1.82E-02	5.84E-01	1.88E+00	U
TM	15	756642001	12/10/2025	Ru-106	-5.12E+00	5.55E+00	1.63E+01	U
TM	15	756642001	12/10/2025	Sb-124	1.23E+00	1.17E+00	4.10E+00	U
TM	15	756642001	12/10/2025	Sb-125	1.01E-01	1.57E+00	4.74E+00	U
TM	15	756642001	12/10/2025	Se-75	-7.97E-02	6.70E-01	2.26E+00	U
TM	15	756642001	12/10/2025	Th-228	2.00E+00	2.22E+00	4.01E+00	U
TM	15	756642001	12/10/2025	Zn-65	-1.48E+00	1.40E+00	4.25E+00	U
TM	15	756642001	12/10/2025	Zr-95	3.83E-01	9.53E-01	3.28E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	01	715691001	3/19/2025	Ac-228	1.58E-01	5.24E+00	9.58E+00	U
WG	01	715691001	3/19/2025	Ag-108m	9.56E-01	5.07E-01	1.64E+00	U
WG	01	715691001	3/19/2025	Ag-110m	3.71E-01	7.77E-01	2.68E+00	U
WG	01	715691001	3/19/2025	Ba-140	-6.40E+00	4.48E+00	1.14E+01	U
WG	01	715691001	3/19/2025	Be-7	-1.43E+01	6.08E+00	1.51E+01	U
WG	01	715691001	3/19/2025	BETA	5.66E+00	1.28E+00	2.68E+00	
WG	01	715691001	3/19/2025	Bi-214	2.81E+00	3.36E+00	4.29E+00	U
WG	01	715691001	3/19/2025	Ce-141	-7.50E+00	2.34E+00	3.10E+00	U
WG	01	715691001	3/19/2025	Ce-144	8.13E-01	2.92E+00	9.68E+00	U
WG	01	715691001	3/19/2025	Co-57	1.98E-01	3.72E-01	1.24E+00	U
WG	01	715691001	3/19/2025	Co-58	1.30E-01	7.20E-01	2.31E+00	U
WG	01	715691001	3/19/2025	Co-60	1.77E+00	7.68E-01	2.47E+00	U
WG	01	715691001	3/19/2025	Cr-51	-6.84E+00	5.64E+00	1.79E+01	U
WG	01	715691001	3/19/2025	Cs-134	-5.86E-02	7.39E-01	2.35E+00	U
WG	01	715691001	3/19/2025	Cs-137	8.84E-01	7.35E-01	1.83E+00	U
WG	01	715691001	3/19/2025	Fe-59	4.46E+00	3.17E+00	4.51E+00	U
WG	01	715691001	3/19/2025	H-3	-3.37E+02	1.70E+02	6.13E+02	U
WG	01	715691001	3/19/2025	I-131	8.47E-01	1.40E+00	4.82E+00	U
WG	01	715691001	3/19/2025	K-40	0.00E+00	1.81E+01	2.15E+01	U
WG	01	715691001	3/19/2025	La-140	-2.29E-01	1.22E+00	3.85E+00	U
WG	01	715691001	3/19/2025	Mn-54	-6.37E-01	7.08E-01	1.82E+00	U
WG	01	715691001	3/19/2025	Nb-95	-5.26E-01	1.03E+00	2.49E+00	U
WG	01	715691001	3/19/2025	Pb-212	6.61E-01	1.79E+00	2.83E+00	U
WG	01	715691001	3/19/2025	Pb-214	0.00E+00	1.93E+00	5.00E+00	U
WG	01	715691001	3/19/2025	Ru-103	-1.42E-01	6.57E-01	2.17E+00	U
WG	01	715691001	3/19/2025	Ru-106	1.15E+00	4.99E+00	1.64E+01	U
WG	01	715691001	3/19/2025	Sb-124	8.84E-02	1.63E+00	5.24E+00	U
WG	01	715691001	3/19/2025	Sb-125	-1.95E+00	2.03E+00	4.78E+00	U
WG	01	715691001	3/19/2025	Se-75	3.35E-01	7.19E-01	2.29E+00	U
WG	01	715691001	3/19/2025	Th-228	6.61E-01	1.79E+00	2.83E+00	U
WG	01	715691001	3/19/2025	Zn-65	3.94E-02	1.25E+00	4.18E+00	U
WG	01	715691001	3/19/2025	Zr-95	1.72E-02	1.17E+00	3.75E+00	U
WG	01	729004001	6/10/2025	Ac-228	-1.31E+00	3.35E+00	9.11E+00	U
WG	01	729004001	6/10/2025	Ag-108m	-4.11E-01	4.78E-01	1.50E+00	U
WG	01	729004001	6/10/2025	Ag-110m	-5.47E-01	7.65E-01	2.26E+00	U
WG	01	729004001	6/10/2025	Ba-140	3.09E+00	2.96E+00	9.99E+00	U
WG	01	729004001	6/10/2025	Be-7	1.18E+00	4.70E+00	1.57E+01	U
WG	01	729004001	6/10/2025	BETA	6.56E+00	1.50E+00	3.42E+00	
WG	01	729004001	6/10/2025	Bi-214	0.00E+00	3.06E+00	3.87E+00	U
WG	01	729004001	6/10/2025	Ce-141	-3.35E+00	1.73E+00	3.70E+00	U
WG	01	729004001	6/10/2025	Ce-144	-3.52E+00	3.93E+00	1.20E+01	U
WG	01	729004001	6/10/2025	Co-57	4.80E-01	5.32E-01	1.72E+00	U
WG	01	729004001	6/10/2025	Co-58	-4.16E-01	5.69E-01	1.69E+00	U
WG	01	729004001	6/10/2025	Co-60	9.59E-01	6.32E-01	2.19E+00	U
WG	01	729004001	6/10/2025	Cr-51	5.48E+00	5.50E+00	1.88E+01	U
WG	01	729004001	6/10/2025	Cs-134	-1.29E+00	9.15E-01	1.97E+00	U
WG	01	729004001	6/10/2025	Cs-137	8.44E-01	6.34E-01	2.03E+00	U
WG	01	729004001	6/10/2025	Fe-59	-6.20E-01	1.17E+00	3.75E+00	U
WG	01	729004001	6/10/2025	H-3	1.78E+02	2.03E+02	6.46E+02	U
WG	01	729004001	6/10/2025	I-131	7.55E-01	1.21E+00	4.13E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	01	729004001	6/10/2025	K-40	-2.28E+01	1.26E+01	2.95E+01	U
WG	01	729004001	6/10/2025	La-140	-5.26E-02	1.01E+00	3.29E+00	U
WG	01	729004001	6/10/2025	Mn-54	-1.85E-01	5.39E-01	1.67E+00	U
WG	01	729004001	6/10/2025	Nb-95	-1.17E+00	8.04E-01	1.84E+00	U
WG	01	729004001	6/10/2025	Pb-212	1.69E+00	1.59E+00	4.34E+00	U
WG	01	729004001	6/10/2025	Pb-214	5.33E+00	3.10E+00	5.79E+00	U
WG	01	729004001	6/10/2025	Ru-103	-9.82E-01	6.79E-01	1.68E+00	U
WG	01	729004001	6/10/2025	Ru-106	-2.80E+00	4.90E+00	1.53E+01	U
WG	01	729004001	6/10/2025	Sb-124	2.97E+00	1.25E+00	4.37E+00	U
WG	01	729004001	6/10/2025	Sb-125	-2.88E-01	1.43E+00	4.74E+00	U
WG	01	729004001	6/10/2025	Se-75	1.59E-01	7.17E-01	2.47E+00	U
WG	01	729004001	6/10/2025	Th-228	1.69E+00	1.59E+00	4.34E+00	U
WG	01	729004001	6/10/2025	Zn-65	3.21E-01	1.19E+00	3.60E+00	U
WG	01	729004001	6/10/2025	Zr-95	2.07E-01	1.11E+00	3.60E+00	U
WG	01	744089001	9/16/2025	Ac-228	-5.44E+00	3.84E+00	7.57E+00	U
WG	01	744089001	9/16/2025	Ag-108m	-2.34E-01	4.09E-01	1.33E+00	U
WG	01	744089001	9/16/2025	Ag-110m	-5.83E-02	5.96E-01	1.88E+00	U
WG	01	744089001	9/16/2025	Ba-140	2.50E+00	2.32E+00	7.55E+00	U
WG	01	744089001	9/16/2025	Be-7	1.53E+00	4.06E+00	1.29E+01	U
WG	01	744089001	9/16/2025	BETA	6.46E+00	1.50E+00	3.36E+00	
WG	01	744089001	9/16/2025	Bi-214	1.06E+01	2.75E+00	2.80E+00	
WG	01	744089001	9/16/2025	Ce-141	-1.09E+00	9.74E-01	2.95E+00	U
WG	01	744089001	9/16/2025	Ce-144	-2.37E-01	3.48E+00	1.11E+01	U
WG	01	744089001	9/16/2025	Co-57	-1.23E-01	4.56E-01	1.46E+00	U
WG	01	744089001	9/16/2025	Co-58	3.53E-01	4.82E-01	1.39E+00	U
WG	01	744089001	9/16/2025	Co-60	2.12E-01	4.51E-01	1.51E+00	U
WG	01	744089001	9/16/2025	Cr-51	-1.06E+00	4.33E+00	1.46E+01	U
WG	01	744089001	9/16/2025	Cs-134	2.71E-01	4.78E-01	1.54E+00	U
WG	01	744089001	9/16/2025	Cs-137	5.45E-01	4.85E-01	1.56E+00	U
WG	01	744089001	9/16/2025	Fe-59	1.91E+00	1.82E+00	2.76E+00	U
WG	01	744089001	9/16/2025	H-3	-8.83E+01	1.84E+02	6.19E+02	U
WG	01	744089001	9/16/2025	I-131	-2.28E-02	7.65E-01	2.57E+00	U
WG	01	744089001	9/16/2025	K-40	-3.02E+01	1.33E+01	2.84E+01	U
WG	01	744089001	9/16/2025	La-140	-1.94E-01	7.48E-01	2.41E+00	U
WG	01	744089001	9/16/2025	Mn-54	-2.29E-01	4.62E-01	1.44E+00	U
WG	01	744089001	9/16/2025	Nb-95	-1.08E+00	6.02E-01	1.44E+00	U
WG	01	744089001	9/16/2025	Pb-212	-3.64E+00	1.89E+00	3.44E+00	U
WG	01	744089001	9/16/2025	Pb-214	7.76E+00	2.97E+00	3.36E+00	
WG	01	744089001	9/16/2025	Ru-103	-1.28E-02	5.30E-01	1.56E+00	U
WG	01	744089001	9/16/2025	Ru-106	-5.15E-01	4.07E+00	1.32E+01	U
WG	01	744089001	9/16/2025	Sb-124	4.58E-01	1.02E+00	3.36E+00	U
WG	01	744089001	9/16/2025	Sb-125	-1.01E+00	1.26E+00	4.06E+00	U
WG	01	744089001	9/16/2025	Se-75	2.10E-01	6.18E-01	2.12E+00	U
WG	01	744089001	9/16/2025	Th-228	-3.64E+00	1.89E+00	3.44E+00	U
WG	01	744089001	9/16/2025	Zn-65	-2.65E+00	1.09E+00	2.70E+00	U
WG	01	744089001	9/16/2025	Zr-95	1.39E+00	8.50E-01	2.65E+00	U
WG	01	756623001	12/9/2025	Ac-228	-1.25E+00	2.79E+00	6.51E+00	U
WG	01	756623001	12/9/2025	Ag-108m	-3.29E-01	3.84E-01	1.18E+00	U
WG	01	756623001	12/9/2025	Ag-110m	-3.25E-01	5.54E-01	1.63E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	01	756623001	12/9/2025	Ba-140	1.31E+00	2.16E+00	7.11E+00	U
WG	01	756623001	12/9/2025	Be-7	9.66E+00	7.05E+00	1.18E+01	U
WG	01	756623001	12/9/2025	BETA	6.56E+00	1.45E+00	3.11E+00	
WG	01	756623001	12/9/2025	Bi-214	1.06E+01	2.49E+00	2.45E+00	
WG	01	756623001	12/9/2025	Ce-141	-3.91E-01	7.18E-01	2.41E+00	U
WG	01	756623001	12/9/2025	Ce-144	1.98E+00	2.92E+00	9.42E+00	U
WG	01	756623001	12/9/2025	Co-57	-3.01E-01	3.32E-01	1.10E+00	U
WG	01	756623001	12/9/2025	Co-58	-2.79E-02	4.12E-01	1.28E+00	U
WG	01	756623001	12/9/2025	Co-60	4.87E-01	4.27E-01	1.50E+00	U
WG	01	756623001	12/9/2025	Cr-51	-3.89E+00	4.12E+00	1.28E+01	U
WG	01	756623001	12/9/2025	Cs-134	-8.49E-01	7.82E-01	1.29E+00	U
WG	01	756623001	12/9/2025	Cs-137	1.88E-01	4.45E-01	1.34E+00	U
WG	01	756623001	12/9/2025	Fe-59	5.01E-01	8.36E-01	2.91E+00	U
WG	01	756623001	12/9/2025	H-3	-2.86E+01	5.88E+01	2.03E+02	U
WG	01	756623001	12/9/2025	I-131	2.72E-01	7.88E-01	2.62E+00	U
WG	01	756623001	12/9/2025	K-40	3.13E+00	1.17E+01	1.30E+01	U
WG	01	756623001	12/9/2025	La-140	4.98E-01	7.02E-01	2.43E+00	U
WG	01	756623001	12/9/2025	Mn-54	1.62E-01	4.03E-01	1.19E+00	U
WG	01	756623001	12/9/2025	Nb-95	-6.36E-02	4.13E-01	1.28E+00	U
WG	01	756623001	12/9/2025	Pb-212	1.95E+00	1.85E+00	2.35E+00	U
WG	01	756623001	12/9/2025	Pb-214	7.02E+00	2.25E+00	2.85E+00	
WG	01	756623001	12/9/2025	Ru-103	-4.66E-02	4.57E-01	1.47E+00	U
WG	01	756623001	12/9/2025	Ru-106	-3.74E+00	3.75E+00	1.09E+01	U
WG	01	756623001	12/9/2025	Sb-124	3.66E-04	8.45E-01	2.78E+00	U
WG	01	756623001	12/9/2025	Sb-125	-5.34E-01	9.93E-01	3.12E+00	U
WG	01	756623001	12/9/2025	Se-75	2.66E-01	5.32E-01	1.79E+00	U
WG	01	756623001	12/9/2025	Th-228	1.95E+00	1.85E+00	2.35E+00	U
WG	01	756623001	12/9/2025	Zn-65	4.49E-01	8.02E-01	2.56E+00	U
WG	01	756623001	12/9/2025	Zr-95	-1.95E-01	7.19E-01	2.21E+00	U
WG	13	715691004	3/26/2025	Ac-228	0.00E+00	3.58E+00	7.49E+00	U
WG	13	715691004	3/26/2025	Ag-108m	-2.03E-01	4.14E-01	1.35E+00	U
WG	13	715691004	3/26/2025	Ag-110m	-1.51E+00	8.56E-01	1.90E+00	U
WG	13	715691004	3/26/2025	Ba-140	8.90E-01	3.20E+00	1.06E+01	U
WG	13	715691004	3/26/2025	Be-7	4.13E-01	4.42E+00	1.47E+01	U
WG	13	715691004	3/26/2025	BETA	2.78E+00	1.02E+00	2.63E+00	M
WG	13	715691004	3/26/2025	Bi-214	5.43E+01	4.00E+00	3.30E+00	
WG	13	715691004	3/26/2025	Ce-141	9.03E-01	1.06E+00	3.39E+00	U
WG	13	715691004	3/26/2025	Ce-144	5.83E-01	3.55E+00	1.14E+01	U
WG	13	715691004	3/26/2025	Co-57	4.22E-01	4.85E-01	1.44E+00	U
WG	13	715691004	3/26/2025	Co-58	-6.17E-01	7.72E-01	1.81E+00	U
WG	13	715691004	3/26/2025	Co-60	1.09E-01	5.05E-01	1.69E+00	U
WG	13	715691004	3/26/2025	Cr-51	-4.07E+00	5.26E+00	1.72E+01	U
WG	13	715691004	3/26/2025	Cs-134	7.81E-02	5.59E-01	1.80E+00	U
WG	13	715691004	3/26/2025	Cs-137	1.98E-01	5.04E-01	1.65E+00	U
WG	13	715691004	3/26/2025	Fe-59	-8.61E-01	1.02E+00	3.20E+00	U
WG	13	715691004	3/26/2025	H-3	-2.66E+02	1.75E+02	6.20E+02	U
WG	13	715691004	3/26/2025	I-131	-2.18E+00	1.33E+00	3.92E+00	U
WG	13	715691004	3/26/2025	K-40	-6.51E+00	9.72E+00	2.38E+01	U
WG	13	715691004	3/26/2025	La-140	-9.82E-01	1.01E+00	2.99E+00	U
WG	13	715691004	3/26/2025	Mn-54	-9.88E-01	6.91E-01	1.45E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	13	715691004	3/26/2025	Nb-95	7.77E-02	6.38E-01	1.83E+00	U
WG	13	715691004	3/26/2025	Pb-212	-1.51E+00	1.60E+00	3.68E+00	U
WG	13	715691004	3/26/2025	Pb-214	6.79E+01	4.58E+00	3.21E+00	
WG	13	715691004	3/26/2025	Ru-103	-2.94E-01	5.42E-01	1.74E+00	U
WG	13	715691004	3/26/2025	Ru-106	-2.12E+00	4.11E+00	1.30E+01	U
WG	13	715691004	3/26/2025	Sb-124	-6.16E-01	1.22E+00	3.80E+00	U
WG	13	715691004	3/26/2025	Sb-125	1.74E+00	1.30E+00	4.29E+00	U
WG	13	715691004	3/26/2025	Se-75	1.07E+00	6.72E-01	2.21E+00	U
WG	13	715691004	3/26/2025	Th-228	-1.51E+00	1.60E+00	3.68E+00	U
WG	13	715691004	3/26/2025	Zn-65	-2.12E+00	1.79E+00	3.40E+00	U
WG	13	715691004	3/26/2025	Zr-95	-3.16E-02	9.23E-01	2.96E+00	U
WG	13	729004002	6/10/2025	Ac-228	0.00E+00	7.61E+00	9.94E+00	U
WG	13	729004002	6/10/2025	Ag-108m	-3.94E-01	4.94E-01	1.59E+00	U
WG	13	729004002	6/10/2025	Ag-110m	-9.73E-01	8.47E-01	2.62E+00	U
WG	13	729004002	6/10/2025	Ba-140	2.29E+00	3.30E+00	1.11E+01	U
WG	13	729004002	6/10/2025	Be-7	4.10E+00	5.14E+00	1.73E+01	U
WG	13	729004002	6/10/2025	BETA	2.07E+00	1.12E+00	3.18E+00	U
WG	13	729004002	6/10/2025	Bi-214	2.52E+01	2.62E+00	3.64E+00	
WG	13	729004002	6/10/2025	Ce-141	6.96E-01	1.70E+00	2.79E+00	U
WG	13	729004002	6/10/2025	Ce-144	2.31E+00	2.92E+00	9.66E+00	U
WG	13	729004002	6/10/2025	Co-57	7.65E-01	6.09E-01	1.27E+00	U
WG	13	729004002	6/10/2025	Co-58	-4.75E-02	6.28E-01	1.99E+00	U
WG	13	729004002	6/10/2025	Co-60	-3.52E-01	1.16E+00	2.40E+00	U
WG	13	729004002	6/10/2025	Cr-51	5.04E+00	5.08E+00	1.74E+01	U
WG	13	729004002	6/10/2025	Cs-134	-3.76E-01	8.74E-01	2.11E+00	U
WG	13	729004002	6/10/2025	Cs-137	-1.40E+00	7.21E-01	1.88E+00	U
WG	13	729004002	6/10/2025	Fe-59	-1.19E+00	1.26E+00	3.87E+00	U
WG	13	729004002	6/10/2025	H-3	2.00E+01	2.00E+02	6.56E+02	U
WG	13	729004002	6/10/2025	I-131	1.01E+00	1.21E+00	4.13E+00	U
WG	13	729004002	6/10/2025	K-40	-4.92E+00	1.09E+01	2.95E+01	U
WG	13	729004002	6/10/2025	La-140	-7.20E-01	1.14E+00	3.43E+00	U
WG	13	729004002	6/10/2025	Mn-54	-1.86E-01	6.57E-01	2.06E+00	U
WG	13	729004002	6/10/2025	Nb-95	1.83E-01	7.42E-01	2.15E+00	U
WG	13	729004002	6/10/2025	Pb-212	-1.95E+00	1.85E+00	3.75E+00	U
WG	13	729004002	6/10/2025	Pb-214	1.04E+01	3.13E+00	3.82E+00	
WG	13	729004002	6/10/2025	Ru-103	-2.85E-01	6.17E-01	2.01E+00	U
WG	13	729004002	6/10/2025	Ru-106	-8.31E-01	5.72E+00	1.86E+01	U
WG	13	729004002	6/10/2025	Sb-124	-1.23E+00	1.47E+00	4.24E+00	U
WG	13	729004002	6/10/2025	Sb-125	-1.10E+00	1.49E+00	4.82E+00	U
WG	13	729004002	6/10/2025	Se-75	2.08E-01	7.34E-01	2.33E+00	U
WG	13	729004002	6/10/2025	Th-228	-1.95E+00	1.85E+00	3.75E+00	U
WG	13	729004002	6/10/2025	Zn-65	-2.49E-01	1.51E+00	4.36E+00	U
WG	13	729004002	6/10/2025	Zr-95	1.75E-01	1.10E+00	3.55E+00	U
WG	13	745974001	9/29/2025	Ac-228	9.27E-01	3.16E+00	8.29E+00	U
WG	13	745974001	9/29/2025	Ag-108m	3.65E-01	5.08E-01	1.75E+00	U
WG	13	745974001	9/29/2025	Ag-110m	-7.90E-02	6.98E-01	2.23E+00	U
WG	13	745974001	9/29/2025	Ba-140	-8.85E-01	2.67E+00	8.74E+00	U
WG	13	745974001	9/29/2025	Be-7	-6.79E+00	4.76E+00	1.39E+01	U
WG	13	745974001	9/29/2025	BETA	3.35E+00	1.19E+00	3.08E+00	M

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	13	745974001	9/29/2025	Bi-214	3.60E-01	1.78E+00	4.87E+00	U
WG	13	745974001	9/29/2025	Ce-141	2.02E-01	1.14E+00	3.74E+00	U
WG	13	745974001	9/29/2025	Ce-144	2.75E+00	4.03E+00	1.33E+01	U
WG	13	745974001	9/29/2025	Co-57	3.74E-01	5.23E-01	1.74E+00	U
WG	13	745974001	9/29/2025	Co-58	-4.89E-01	5.90E-01	1.77E+00	U
WG	13	745974001	9/29/2025	Co-60	7.39E-01	5.55E-01	1.98E+00	U
WG	13	745974001	9/29/2025	Cr-51	-5.21E+00	6.32E+00	1.86E+01	U
WG	13	745974001	9/29/2025	Cs-134	4.05E-01	6.10E-01	1.97E+00	U
WG	13	745974001	9/29/2025	Cs-137	-4.31E-01	6.38E-01	2.00E+00	U
WG	13	745974001	9/29/2025	Fe-59	3.26E-01	1.29E+00	4.15E+00	U
WG	13	745974001	9/29/2025	H-3	3.03E+02	2.14E+02	6.50E+02	U
WG	13	745974001	9/29/2025	I-131	-2.05E-01	1.26E+00	4.30E+00	U
WG	13	745974001	9/29/2025	K-40	-9.34E+00	8.98E+00	2.37E+01	U
WG	13	745974001	9/29/2025	La-140	-5.73E-01	1.22E+00	3.87E+00	U
WG	13	745974001	9/29/2025	Mn-54	-1.01E+00	6.57E-01	1.78E+00	U
WG	13	745974001	9/29/2025	Nb-95	1.31E-01	6.73E-01	2.22E+00	U
WG	13	745974001	9/29/2025	Pb-212	4.41E+00	2.63E+00	4.53E+00	U
WG	13	745974001	9/29/2025	Pb-214	8.24E-02	1.73E+00	4.46E+00	U
WG	13	745974001	9/29/2025	Ru-103	-1.80E-01	6.84E-01	2.03E+00	U
WG	13	745974001	9/29/2025	Ru-106	-2.58E+00	5.32E+00	1.71E+01	U
WG	13	745974001	9/29/2025	Sb-124	1.95E+00	1.71E+00	5.95E+00	U
WG	13	745974001	9/29/2025	Sb-125	-1.02E+00	1.48E+00	4.79E+00	U
WG	13	745974001	9/29/2025	Se-75	-3.04E-01	8.06E-01	2.50E+00	U
WG	13	745974001	9/29/2025	Th-228	4.41E+00	2.63E+00	4.53E+00	U
WG	13	745974001	9/29/2025	Zn-65	1.31E-01	1.32E+00	4.51E+00	U
WG	13	745974001	9/29/2025	Zr-95	3.67E-01	1.04E+00	3.47E+00	U
WG	13	756623002	12/9/2025	Ac-228	-2.81E+00	2.72E+00	5.78E+00	U
WG	13	756623002	12/9/2025	Ag-108m	3.34E-01	3.29E-01	1.12E+00	U
WG	13	756623002	12/9/2025	Ag-110m	8.07E-01	5.79E-01	1.90E+00	U
WG	13	756623002	12/9/2025	Ba-140	-9.58E-01	2.05E+00	6.56E+00	U
WG	13	756623002	12/9/2025	Be-7	5.23E+00	3.51E+00	1.17E+01	U
WG	13	756623002	12/9/2025	BETA	1.92E+00	1.15E+00	3.31E+00	U
WG	13	756623002	12/9/2025	Bi-214	0.00E+00	2.36E+00	2.28E+00	U
WG	13	756623002	12/9/2025	Ce-141	-4.85E+00	1.56E+00	1.86E+00	U
WG	13	756623002	12/9/2025	Ce-144	3.02E+00	2.72E+00	8.18E+00	U
WG	13	756623002	12/9/2025	Co-57	-7.06E-01	3.66E-01	9.05E-01	U
WG	13	756623002	12/9/2025	Co-58	3.56E-01	4.05E-01	1.34E+00	U
WG	13	756623002	12/9/2025	Co-60	-1.94E-02	3.78E-01	1.28E+00	U
WG	13	756623002	12/9/2025	Cr-51	3.38E+00	3.44E+00	1.18E+01	U
WG	13	756623002	12/9/2025	Cs-134	-6.21E-02	4.15E-01	1.31E+00	U
WG	13	756623002	12/9/2025	Cs-137	-2.71E-01	3.36E-01	1.01E+00	U
WG	13	756623002	12/9/2025	Fe-59	-6.17E-01	7.77E-01	2.50E+00	U
WG	13	756623002	12/9/2025	H-3	-5.67E+01	5.59E+01	2.03E+02	U
WG	13	756623002	12/9/2025	I-131	-1.57E+00	7.76E-01	2.09E+00	U
WG	13	756623002	12/9/2025	K-40	4.06E+00	1.37E+01	1.15E+01	U
WG	13	756623002	12/9/2025	La-140	3.04E-01	8.13E-01	2.52E+00	U
WG	13	756623002	12/9/2025	Mn-54	4.01E-01	3.57E-01	1.19E+00	U
WG	13	756623002	12/9/2025	Nb-95	1.44E-01	4.08E-01	1.33E+00	U
WG	13	756623002	12/9/2025	Pb-212	2.86E+00	1.93E+00	3.55E+00	U
WG	13	756623002	12/9/2025	Pb-214	1.05E+00	1.97E+00	4.04E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	13	756623002	12/9/2025	Ru-103	-6.83E-01	4.08E-01	1.13E+00	U
WG	13	756623002	12/9/2025	Ru-106	-4.64E+00	3.75E+00	1.09E+01	U
WG	13	756623002	12/9/2025	Sb-124	-7.18E-01	7.53E-01	2.16E+00	U
WG	13	756623002	12/9/2025	Sb-125	1.39E+00	1.07E+00	3.61E+00	U
WG	13	756623002	12/9/2025	Se-75	-8.73E-02	4.72E-01	1.62E+00	U
WG	13	756623002	12/9/2025	Th-228	2.86E+00	1.93E+00	3.55E+00	U
WG	13	756623002	12/9/2025	Zn-65	7.19E-01	8.06E-01	2.85E+00	U
WG	13	756623002	12/9/2025	Zr-95	-1.83E-01	6.23E-01	1.95E+00	U
WG	14	715691003	3/19/2025	Ac-228	4.05E+00	6.09E+00	6.76E+00	U
WG	14	715691003	3/19/2025	Ag-108m	-4.91E-01	5.29E-01	1.33E+00	U
WG	14	715691003	3/19/2025	Ag-110m	4.43E-01	6.02E-01	1.98E+00	U
WG	14	715691003	3/19/2025	Ba-140	2.00E+00	3.00E+00	1.01E+01	U
WG	14	715691003	3/19/2025	Be-7	8.96E+00	6.67E+00	1.45E+01	U
WG	14	715691003	3/19/2025	BETA	4.43E+00	1.32E+00	3.35E+00	
WG	14	715691003	3/19/2025	Bi-214	1.52E+01	2.73E+00	3.20E+00	
WG	14	715691003	3/19/2025	Ce-141	-5.93E-01	9.17E-01	2.87E+00	U
WG	14	715691003	3/19/2025	Ce-144	-3.18E+00	3.04E+00	9.25E+00	U
WG	14	715691003	3/19/2025	Co-57	-3.20E-01	4.04E-01	1.26E+00	U
WG	14	715691003	3/19/2025	Co-58	3.51E-01	5.09E-01	1.68E+00	U
WG	14	715691003	3/19/2025	Co-60	2.61E-01	4.40E-01	1.51E+00	U
WG	14	715691003	3/19/2025	Cr-51	-1.32E+00	4.31E+00	1.46E+01	U
WG	14	715691003	3/19/2025	Cs-134	-8.89E-01	5.28E-01	1.42E+00	U
WG	14	715691003	3/19/2025	Cs-137	-4.64E-01	4.99E-01	1.53E+00	U
WG	14	715691003	3/19/2025	Fe-59	-1.70E+00	9.23E-01	2.48E+00	U
WG	14	715691003	3/19/2025	H-3	-3.43E+00	1.83E+02	6.02E+02	U
WG	14	715691003	3/19/2025	I-131	1.54E-01	1.16E+00	3.94E+00	U
WG	14	715691003	3/19/2025	K-40	-1.31E+00	8.44E+00	2.24E+01	U
WG	14	715691003	3/19/2025	La-140	7.95E-01	9.91E-01	3.39E+00	U
WG	14	715691003	3/19/2025	Mn-54	-1.95E-01	4.42E-01	1.39E+00	U
WG	14	715691003	3/19/2025	Nb-95	-6.07E-01	5.40E-01	1.60E+00	U
WG	14	715691003	3/19/2025	Pb-212	7.86E-01	1.42E+00	3.34E+00	U
WG	14	715691003	3/19/2025	Pb-214	1.92E+01	2.77E+00	5.92E+00	
WG	14	715691003	3/19/2025	Ru-103	-2.90E-01	5.14E-01	1.67E+00	U
WG	14	715691003	3/19/2025	Ru-106	7.47E-01	3.96E+00	1.31E+01	U
WG	14	715691003	3/19/2025	Sb-124	1.53E+00	1.14E+00	3.93E+00	U
WG	14	715691003	3/19/2025	Sb-125	-6.34E-01	1.19E+00	3.90E+00	U
WG	14	715691003	3/19/2025	Se-75	-4.50E-01	6.55E-01	1.97E+00	U
WG	14	715691003	3/19/2025	Th-228	7.86E-01	1.42E+00	3.34E+00	U
WG	14	715691003	3/19/2025	Zn-65	-4.11E-01	1.00E+00	2.90E+00	U
WG	14	715691003	3/19/2025	Zr-95	3.97E-02	8.31E-01	2.70E+00	U
WG	14	729004003	6/10/2025	Ac-228	-8.13E+00	5.10E+00	1.03E+01	U
WG	14	729004003	6/10/2025	Ag-108m	-2.66E-01	6.61E-01	2.18E+00	U
WG	14	729004003	6/10/2025	Ag-110m	2.35E+00	1.26E+00	4.06E+00	U
WG	14	729004003	6/10/2025	Ba-140	-5.42E+00	4.08E+00	1.19E+01	U
WG	14	729004003	6/10/2025	Be-7	-1.06E+01	7.21E+00	2.11E+01	U
WG	14	729004003	6/10/2025	BETA	4.38E+00	1.24E+00	2.85E+00	
WG	14	729004003	6/10/2025	Bi-214	3.86E+01	5.01E+00	4.61E+00	
WG	14	729004003	6/10/2025	Ce-141	-1.38E+00	1.64E+00	5.08E+00	U
WG	14	729004003	6/10/2025	Ce-144	-5.05E+00	5.85E+00	1.81E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	14	729004003	6/10/2025	Co-57	4.99E-01	7.58E-01	2.47E+00	U
WG	14	729004003	6/10/2025	Co-58	-4.13E-01	7.46E-01	2.29E+00	U
WG	14	729004003	6/10/2025	Co-60	1.11E+00	1.30E+00	2.80E+00	U
WG	14	729004003	6/10/2025	Cr-51	1.88E+00	7.84E+00	2.69E+01	U
WG	14	729004003	6/10/2025	Cs-134	7.79E-01	8.52E-01	2.83E+00	U
WG	14	729004003	6/10/2025	Cs-137	-9.62E-02	7.94E-01	2.58E+00	U
WG	14	729004003	6/10/2025	Fe-59	-2.54E-01	1.50E+00	5.02E+00	U
WG	14	729004003	6/10/2025	H-3	3.62E+02	2.12E+02	6.53E+02	U
WG	14	729004003	6/10/2025	I-131	-1.65E+00	1.63E+00	5.16E+00	U
WG	14	729004003	6/10/2025	K-40	1.34E+01	2.07E+01	2.76E+01	U
WG	14	729004003	6/10/2025	La-140	-4.43E-01	1.56E+00	5.01E+00	U
WG	14	729004003	6/10/2025	Mn-54	7.70E-01	7.92E-01	2.62E+00	U
WG	14	729004003	6/10/2025	Nb-95	-2.01E-01	8.47E-01	2.70E+00	U
WG	14	729004003	6/10/2025	Pb-212	3.77E+00	3.29E+00	4.85E+00	U
WG	14	729004003	6/10/2025	Pb-214	4.25E+01	4.80E+00	5.57E+00	
WG	14	729004003	6/10/2025	Ru-103	4.51E-01	7.96E-01	2.69E+00	U
WG	14	729004003	6/10/2025	Ru-106	2.45E+00	6.37E+00	2.12E+01	U
WG	14	729004003	6/10/2025	Sb-124	-9.74E-01	1.93E+00	5.95E+00	U
WG	14	729004003	6/10/2025	Sb-125	-1.74E+00	1.99E+00	6.31E+00	U
WG	14	729004003	6/10/2025	Se-75	-1.09E+00	1.31E+00	3.54E+00	U
WG	14	729004003	6/10/2025	Th-228	3.77E+00	3.29E+00	4.85E+00	U
WG	14	729004003	6/10/2025	Zn-65	1.28E-01	1.75E+00	5.24E+00	U
WG	14	729004003	6/10/2025	Zr-95	1.37E+00	1.35E+00	4.52E+00	U
WG	14	744089002	9/16/2025	Ac-228	-2.43E+00	4.17E+00	9.95E+00	U
WG	14	744089002	9/16/2025	Ag-108m	-1.10E+00	6.78E-01	1.95E+00	U
WG	14	744089002	9/16/2025	Ag-110m	2.13E-01	8.81E-01	2.96E+00	U
WG	14	744089002	9/16/2025	Ba-140	5.18E+00	3.54E+00	1.12E+01	U
WG	14	744089002	9/16/2025	Be-7	1.12E-01	5.80E+00	1.88E+01	U
WG	14	744089002	9/16/2025	BETA	3.41E+00	1.17E+00	2.98E+00	M
WG	14	744089002	9/16/2025	Bi-214	1.84E+02	9.46E+00	4.10E+00	
WG	14	744089002	9/16/2025	Ce-141	1.38E+00	2.04E+00	4.05E+00	U
WG	14	744089002	9/16/2025	Ce-144	3.48E+00	5.13E+00	1.62E+01	U
WG	14	744089002	9/16/2025	Co-57	2.98E-01	6.47E-01	2.06E+00	U
WG	14	744089002	9/16/2025	Co-58	-4.43E-01	6.49E-01	2.09E+00	U
WG	14	744089002	9/16/2025	Co-60	3.86E-01	7.19E-01	2.36E+00	U
WG	14	744089002	9/16/2025	Cr-51	7.31E+00	7.02E+00	2.10E+01	U
WG	14	744089002	9/16/2025	Cs-134	6.51E-01	8.67E-01	2.61E+00	U
WG	14	744089002	9/16/2025	Cs-137	-1.25E+00	9.85E-01	2.15E+00	U
WG	14	744089002	9/16/2025	Fe-59	1.11E+00	1.28E+00	4.26E+00	U
WG	14	744089002	9/16/2025	H-3	1.06E+02	1.93E+02	6.16E+02	U
WG	14	744089002	9/16/2025	I-131	1.92E+00	1.22E+00	3.89E+00	U
WG	14	744089002	9/16/2025	K-40	5.28E+00	1.45E+01	2.19E+01	U
WG	14	744089002	9/16/2025	La-140	-5.88E-01	1.14E+00	3.70E+00	U
WG	14	744089002	9/16/2025	Mn-54	-3.84E-01	6.75E-01	2.19E+00	U
WG	14	744089002	9/16/2025	Nb-95	0.00E+00	1.15E+00	2.82E+00	U
WG	14	744089002	9/16/2025	Pb-212	3.39E+00	2.47E+00	4.19E+00	U
WG	14	744089002	9/16/2025	Pb-214	2.71E+02	1.02E+01	1.87E+01	
WG	14	744089002	9/16/2025	Ru-103	-1.22E+00	7.61E-01	2.16E+00	U
WG	14	744089002	9/16/2025	Ru-106	-2.01E+00	5.79E+00	1.81E+01	U
WG	14	744089002	9/16/2025	Sb-124	6.32E-01	1.55E+00	5.26E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	14	744089002	9/16/2025	Sb-125	1.96E+00	2.09E+00	6.82E+00	U
WG	14	744089002	9/16/2025	Se-75	-2.16E-01	1.17E+00	3.16E+00	U
WG	14	744089002	9/16/2025	Th-228	3.39E+00	2.47E+00	4.19E+00	U
WG	14	744089002	9/16/2025	Zn-65	1.41E+00	1.46E+00	4.34E+00	U
WG	14	744089002	9/16/2025	Zr-95	1.42E-01	1.09E+00	3.69E+00	U
WG	14	758310003	12/23/2025	Ac-228	7.25E-01	4.27E+00	4.98E+00	U
WG	14	758310003	12/23/2025	Ag-108m	3.25E-01	3.78E-01	1.15E+00	U
WG	14	758310003	12/23/2025	Ag-110m	-5.61E-02	4.79E-01	1.63E+00	U
WG	14	758310003	12/23/2025	Ba-140	5.52E+00	3.30E+00	1.04E+01	U
WG	14	758310003	12/23/2025	Be-7	-2.95E+00	4.34E+00	1.24E+01	U
WG	14	758310003	12/23/2025	BETA	5.18E+00	1.28E+00	2.89E+00	
WG	14	758310003	12/23/2025	Bi-214	2.04E+01	2.88E+00	2.47E+00	
WG	14	758310003	12/23/2025	Ce-141	-2.30E+00	1.61E+00	2.97E+00	U
WG	14	758310003	12/23/2025	Ce-144	7.45E-01	2.72E+00	9.43E+00	U
WG	14	758310003	12/23/2025	Co-57	1.29E-01	3.52E-01	1.22E+00	U
WG	14	758310003	12/23/2025	Co-58	-9.63E-01	4.37E-01	1.16E+00	U
WG	14	758310003	12/23/2025	Co-60	-1.20E-01	3.77E-01	1.22E+00	U
WG	14	758310003	12/23/2025	Cr-51	1.43E+00	4.57E+00	1.52E+01	U
WG	14	758310003	12/23/2025	Cs-134	-1.11E+00	1.08E+00	1.35E+00	U
WG	14	758310003	12/23/2025	Cs-137	8.74E-02	4.09E-01	1.30E+00	U
WG	14	758310003	12/23/2025	Fe-59	-5.65E-01	8.01E-01	2.56E+00	U
WG	14	758310003	12/23/2025	H-3	8.01E+01	6.44E+01	1.82E+02	U
WG	14	758310003	12/23/2025	I-131	-1.67E+00	1.59E+00	4.92E+00	U
WG	14	758310003	12/23/2025	K-40	-2.04E+01	1.33E+01	2.35E+01	U
WG	14	758310003	12/23/2025	La-140	-1.27E+00	1.13E+00	3.31E+00	U
WG	14	758310003	12/23/2025	Mn-54	-1.49E-01	3.40E-01	1.14E+00	U
WG	14	758310003	12/23/2025	Nb-95	0.00E+00	8.34E-01	1.42E+00	U
WG	14	758310003	12/23/2025	Pb-212	0.00E+00	1.82E+00	2.28E+00	U
WG	14	758310003	12/23/2025	Pb-214	2.45E+01	2.92E+00	2.82E+00	
WG	14	758310003	12/23/2025	Ru-103	-5.39E-01	5.01E-01	1.50E+00	U
WG	14	758310003	12/23/2025	Ru-106	7.78E-01	3.54E+00	1.13E+01	U
WG	14	758310003	12/23/2025	Sb-124	9.03E-02	8.94E-01	2.93E+00	U
WG	14	758310003	12/23/2025	Sb-125	7.96E-01	1.71E+00	3.41E+00	U
WG	14	758310003	12/23/2025	Se-75	-5.78E-01	5.62E-01	1.79E+00	U
WG	14	758310003	12/23/2025	Th-228	0.00E+00	1.82E+00	2.28E+00	U
WG	14	758310003	12/23/2025	Zn-65	-2.81E-01	8.81E-01	2.60E+00	U
WG	14	758310003	12/23/2025	Zr-95	-3.23E-01	7.45E-01	2.26E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	01	705657001	1/13/2025	Ac-228	4.26E+00	2.12E+00	5.11E+00	U
WS	01	705657001	1/13/2025	Ag-108m	2.49E-01	3.41E-01	1.16E+00	U
WS	01	705657001	1/13/2025	Ag-110m	5.39E-02	5.72E-01	1.84E+00	U
WS	01	705657001	1/13/2025	Ba-140	3.02E+00	3.09E+00	1.03E+01	U
WS	01	705657001	1/13/2025	Be-7	-5.12E+00	4.06E+00	1.24E+01	U
WS	01	705657001	1/13/2025	Bi-214	1.17E+00	1.94E+00	3.54E+00	U
WS	01	705657001	1/13/2025	Ce-141	-9.06E-01	8.67E-01	2.64E+00	U
WS	01	705657001	1/13/2025	Ce-144	-1.60E+00	2.79E+00	8.81E+00	U
WS	01	705657001	1/13/2025	Co-57	1.04E+00	4.97E-01	1.13E+00	U
WS	01	705657001	1/13/2025	Co-58	-4.38E-01	8.69E-01	1.38E+00	U
WS	01	705657001	1/13/2025	Co-60	-4.38E-02	4.13E-01	1.38E+00	U
WS	01	705657001	1/13/2025	Cr-51	1.24E+00	4.18E+00	1.44E+01	U
WS	01	705657001	1/13/2025	Cs-134	8.00E-01	4.91E-01	1.58E+00	U
WS	01	705657001	1/13/2025	Cs-137	2.44E-01	6.72E-01	1.51E+00	U
WS	01	705657001	1/13/2025	Fe-59	9.11E-01	9.84E-01	3.39E+00	U
WS	01	705657001	1/13/2025	I-131	-2.66E+00	1.38E+00	3.93E+00	U
WS	01	705657001	1/13/2025	K-40	3.14E+02	2.35E+01	1.25E+01	
WS	01	705657001	1/13/2025	La-140	-7.60E-01	1.07E+00	2.85E+00	U
WS	01	705657001	1/13/2025	Mn-54	3.31E-01	4.44E-01	1.46E+00	U
WS	01	705657001	1/13/2025	Nb-95	9.34E-02	4.46E-01	1.46E+00	U
WS	01	705657001	1/13/2025	Pb-212	1.19E+00	1.84E+00	3.08E+00	U
WS	01	705657001	1/13/2025	Pb-214	-2.71E+00	1.67E+00	3.38E+00	U
WS	01	705657001	1/13/2025	Ru-103	-5.20E-01	4.88E-01	1.52E+00	U
WS	01	705657001	1/13/2025	Ru-106	-2.22E+00	3.81E+00	1.22E+01	U
WS	01	705657001	1/13/2025	Sb-124	-1.01E+00	1.12E+00	3.39E+00	U
WS	01	705657001	1/13/2025	Sb-125	-8.94E-01	1.09E+00	3.51E+00	U
WS	01	705657001	1/13/2025	Se-75	-7.91E-02	5.71E-01	1.77E+00	U
WS	01	705657001	1/13/2025	Th-228	1.19E+00	1.84E+00	3.08E+00	U
WS	01	705657001	1/13/2025	Zn-65	-7.66E-01	9.23E-01	2.96E+00	U
WS	01	705657001	1/13/2025	Zr-95	-7.21E-01	8.48E-01	2.60E+00	U
WS	01	712150001	2/24/2025	Ac-228	0.00E+00	3.40E+00	7.14E+00	U
WS	01	712150001	2/24/2025	Ag-108m	-6.04E-01	4.29E-01	1.14E+00	U
WS	01	712150001	2/24/2025	Ag-110m	4.45E-02	6.03E-01	1.95E+00	U
WS	01	712150001	2/24/2025	Ba-140	-9.52E+00	4.81E+00	7.85E+00	U
WS	01	712150001	2/24/2025	Be-7	-8.68E+00	9.61E+00	1.22E+01	U
WS	01	712150001	2/24/2025	Bi-214	1.50E+00	2.12E+00	3.71E+00	U
WS	01	712150001	2/24/2025	Ce-141	-9.92E-01	8.95E-01	2.71E+00	U
WS	01	712150001	2/24/2025	Ce-144	-2.17E+00	2.96E+00	9.25E+00	U
WS	01	712150001	2/24/2025	Co-57	-3.37E-02	3.86E-01	1.25E+00	U
WS	01	712150001	2/24/2025	Co-58	-1.15E+00	5.67E-01	1.43E+00	U
WS	01	712150001	2/24/2025	Co-60	4.22E-01	5.20E-01	1.78E+00	U
WS	01	712150001	2/24/2025	Cr-51	8.86E-01	4.14E+00	1.42E+01	U
WS	01	712150001	2/24/2025	Cs-134	5.74E-02	6.03E-01	1.60E+00	U
WS	01	712150001	2/24/2025	Cs-137	1.02E+00	5.26E-01	1.67E+00	U
WS	01	712150001	2/24/2025	Fe-59	4.88E-01	9.73E-01	3.36E+00	U
WS	01	712150001	2/24/2025	I-131	-4.59E-01	9.98E-01	3.32E+00	U
WS	01	712150001	2/24/2025	K-40	3.38E+02	2.36E+01	1.42E+01	
WS	01	712150001	2/24/2025	La-140	-1.09E-01	8.18E-01	2.68E+00	U
WS	01	712150001	2/24/2025	Mn-54	-1.37E-01	4.24E-01	1.34E+00	U
WS	01	712150001	2/24/2025	Nb-95	-2.07E-01	4.85E-01	1.54E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	01	712150001	2/24/2025	Pb-212	0.00E+00	1.62E+00	2.56E+00	U
WS	01	712150001	2/24/2025	Pb-214	-2.64E+00	1.79E+00	3.48E+00	U
WS	01	712150001	2/24/2025	Ru-103	-1.75E+00	8.87E-01	1.60E+00	U
WS	01	712150001	2/24/2025	Ru-106	3.38E-01	4.37E+00	1.44E+01	U
WS	01	712150001	2/24/2025	Sb-124	-1.22E+00	1.15E+00	3.38E+00	U
WS	01	712150001	2/24/2025	Sb-125	-2.96E-04	1.14E+00	3.85E+00	U
WS	01	712150001	2/24/2025	Se-75	-5.26E-01	6.36E-01	1.90E+00	U
WS	01	712150001	2/24/2025	Th-228	0.00E+00	1.62E+00	2.56E+00	U
WS	01	712150001	2/24/2025	Zn-65	8.34E-01	9.24E-01	3.20E+00	U
WS	01	712150001	2/24/2025	Zr-95	-4.20E-01	8.66E-01	2.73E+00	U
WS	01	717164001	3/24/2025	Ac-228	-2.98E+00	2.65E+00	5.78E+00	U
WS	01	717164001	3/24/2025	Ag-108m	4.20E-02	3.13E-01	1.06E+00	U
WS	01	717164001	3/24/2025	Ag-110m	-4.83E-01	5.33E-01	1.58E+00	U
WS	01	717164001	3/24/2025	Ba-140	-5.26E+00	3.23E+00	9.29E+00	U
WS	01	717164001	3/24/2025	Be-7	0.00E+00	8.12E+00	1.13E+01	U
WS	01	717164001	3/24/2025	Bi-214	-3.32E-01	1.26E+00	3.02E+00	U
WS	01	717164001	3/24/2025	Ce-141	-1.52E+00	1.39E+00	2.67E+00	U
WS	01	717164001	3/24/2025	Ce-144	0.00E+00	4.27E+00	8.10E+00	U
WS	01	717164001	3/24/2025	Co-57	-4.28E-02	3.43E-01	1.11E+00	U
WS	01	717164001	3/24/2025	Co-58	-1.58E-01	4.37E-01	1.38E+00	U
WS	01	717164001	3/24/2025	Co-60	1.06E+00	4.96E-01	1.58E+00	U
WS	01	717164001	3/24/2025	Cr-51	-5.09E-01	4.17E+00	1.42E+01	U
WS	01	717164001	3/24/2025	Cs-134	3.14E-01	4.19E-01	1.37E+00	U
WS	01	717164001	3/24/2025	Cs-137	4.73E-01	3.85E-01	1.26E+00	U
WS	01	717164001	3/24/2025	Fe-59	-1.19E+00	9.34E-01	2.83E+00	U
WS	01	717164001	3/24/2025	I-131	-5.90E-01	1.36E+00	4.55E+00	U
WS	01	717164001	3/24/2025	K-40	3.18E+02	2.38E+01	1.38E+01	
WS	01	717164001	3/24/2025	La-140	1.28E+00	1.14E+00	3.83E+00	U
WS	01	717164001	3/24/2025	Mn-54	2.45E-01	4.11E-01	1.34E+00	U
WS	01	717164001	3/24/2025	Nb-95	2.64E-01	4.60E-01	1.50E+00	U
WS	01	717164001	3/24/2025	Pb-212	0.00E+00	2.02E+00	3.44E+00	U
WS	01	717164001	3/24/2025	Pb-214	-1.19E+00	1.38E+00	3.02E+00	U
WS	01	717164001	3/24/2025	Ru-103	2.55E-01	4.78E-01	1.45E+00	U
WS	01	717164001	3/24/2025	Ru-106	-2.75E+00	4.15E+00	1.16E+01	U
WS	01	717164001	3/24/2025	Sb-124	2.42E-01	1.03E+00	3.41E+00	U
WS	01	717164001	3/24/2025	Sb-125	-1.10E+00	1.01E+00	3.16E+00	U
WS	01	717164001	3/24/2025	Se-75	-3.64E-01	5.93E-01	1.80E+00	U
WS	01	717164001	3/24/2025	Th-228	0.00E+00	2.02E+00	3.44E+00	U
WS	01	717164001	3/24/2025	Zn-65	-1.51E+00	9.36E-01	2.70E+00	U
WS	01	717164001	3/24/2025	Zr-95	-4.51E-01	7.50E-01	2.33E+00	U
WS	01	722969001	3/24/2025	H-3	-1.76E+02	1.39E+02	4.85E+02	U
WS	01	720495001	4/14/2025	Ac-228	2.92E+00	5.47E+00	1.17E+01	U
WS	01	720495001	4/14/2025	Ag-108m	-4.91E-01	5.61E-01	1.81E+00	U
WS	01	720495001	4/14/2025	Ag-110m	-2.05E+00	1.05E+00	2.61E+00	U
WS	01	720495001	4/14/2025	Ba-140	-5.18E+00	4.31E+00	1.31E+01	U
WS	01	720495001	4/14/2025	Be-7	1.12E+00	5.68E+00	1.93E+01	U
WS	01	720495001	4/14/2025	Bi-214	1.68E+00	3.52E+00	3.51E+00	U
WS	01	720495001	4/14/2025	Ce-141	-5.08E+00	2.32E+00	4.11E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	01	720495001	4/14/2025	Ce-144	5.38E-01	4.33E+00	1.44E+01	U
WS	01	720495001	4/14/2025	Co-57	-2.18E-01	6.02E-01	1.98E+00	U
WS	01	720495001	4/14/2025	Co-58	-2.06E-01	7.50E-01	2.39E+00	U
WS	01	720495001	4/14/2025	Co-60	-7.40E-01	7.22E-01	2.18E+00	U
WS	01	720495001	4/14/2025	Cr-51	-2.03E+01	8.74E+00	2.05E+01	U
WS	01	720495001	4/14/2025	Cs-134	2.71E-01	6.87E-01	2.27E+00	U
WS	01	720495001	4/14/2025	Cs-137	1.12E-01	8.27E-01	2.20E+00	U
WS	01	720495001	4/14/2025	Fe-59	-1.67E+00	1.84E+00	5.05E+00	U
WS	01	720495001	4/14/2025	I-131	1.56E+00	1.92E+00	6.39E+00	U
WS	01	720495001	4/14/2025	K-40	3.64E+02	3.35E+01	1.97E+01	
WS	01	720495001	4/14/2025	La-140	-4.58E+00	1.94E+00	4.11E+00	U
WS	01	720495001	4/14/2025	Mn-54	6.21E-01	7.08E-01	2.34E+00	U
WS	01	720495001	4/14/2025	Nb-95	1.98E+00	1.20E+00	2.19E+00	U
WS	01	720495001	4/14/2025	Pb-212	4.54E-01	2.39E+00	4.64E+00	U
WS	01	720495001	4/14/2025	Pb-214	3.53E+00	3.47E+00	5.74E+00	U
WS	01	720495001	4/14/2025	Ru-103	-5.02E-01	7.58E-01	2.46E+00	U
WS	01	720495001	4/14/2025	Ru-106	-7.51E+00	6.05E+00	1.81E+01	U
WS	01	720495001	4/14/2025	Sb-124	-1.25E+00	1.78E+00	5.42E+00	U
WS	01	720495001	4/14/2025	Sb-125	1.35E+00	1.83E+00	6.27E+00	U
WS	01	720495001	4/14/2025	Se-75	-9.45E-01	9.55E-01	2.85E+00	U
WS	01	720495001	4/14/2025	Th-228	4.54E-01	2.39E+00	4.64E+00	U
WS	01	720495001	4/14/2025	Zn-65	-6.80E-01	1.49E+00	4.52E+00	U
WS	01	720495001	4/14/2025	Zr-95	-6.96E-01	1.21E+00	3.78E+00	U
WS	01	727250001	5/28/2025	Ac-228	-4.34E+00	3.18E+00	6.27E+00	U
WS	01	727250001	5/28/2025	Ag-108m	1.99E-01	4.01E-01	1.36E+00	U
WS	01	727250001	5/28/2025	Ag-110m	-5.34E-01	6.73E-01	2.04E+00	U
WS	01	727250001	5/28/2025	Ba-140	-3.09E+00	4.52E+00	1.18E+01	U
WS	01	727250001	5/28/2025	Be-7	-4.39E-01	4.19E+00	1.40E+01	U
WS	01	727250001	5/28/2025	Bi-214	1.33E-01	1.53E+00	3.52E+00	U
WS	01	727250001	5/28/2025	Ce-141	-1.71E-01	9.77E-01	2.88E+00	U
WS	01	727250001	5/28/2025	Ce-144	2.76E+00	2.79E+00	8.99E+00	U
WS	01	727250001	5/28/2025	Co-57	-5.33E-01	4.27E-01	1.18E+00	U
WS	01	727250001	5/28/2025	Co-58	-5.36E-01	5.19E-01	1.54E+00	U
WS	01	727250001	5/28/2025	Co-60	-4.20E-02	4.42E-01	1.47E+00	U
WS	01	727250001	5/28/2025	Cr-51	6.66E+00	5.18E+00	1.75E+01	U
WS	01	727250001	5/28/2025	Cs-134	6.08E-01	5.14E-01	1.69E+00	U
WS	01	727250001	5/28/2025	Cs-137	-1.03E-01	4.98E-01	1.62E+00	U
WS	01	727250001	5/28/2025	Fe-59	1.87E-01	1.09E+00	3.72E+00	U
WS	01	727250001	5/28/2025	I-131	-2.15E+00	1.52E+00	4.64E+00	U
WS	01	727250001	5/28/2025	K-40	3.15E+02	2.23E+01	1.25E+01	
WS	01	727250001	5/28/2025	La-140	1.52E+00	1.02E+00	3.54E+00	U
WS	01	727250001	5/28/2025	Mn-54	3.97E-01	4.44E-01	1.47E+00	U
WS	01	727250001	5/28/2025	Nb-95	4.51E-01	5.23E-01	1.73E+00	U
WS	01	727250001	5/28/2025	Pb-212	-6.65E-01	1.29E+00	3.42E+00	U
WS	01	727250001	5/28/2025	Pb-214	8.88E-01	1.44E+00	3.54E+00	U
WS	01	727250001	5/28/2025	Ru-103	6.99E-02	5.41E-01	1.81E+00	U
WS	01	727250001	5/28/2025	Ru-106	3.22E+00	4.20E+00	1.40E+01	U
WS	01	727250001	5/28/2025	Sb-124	-7.35E-01	1.14E+00	3.51E+00	U
WS	01	727250001	5/28/2025	Sb-125	-7.56E-01	1.19E+00	3.87E+00	U
WS	01	727250001	5/28/2025	Se-75	-7.78E-01	6.44E-01	1.85E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	01	727250001	5/28/2025	Th-228	-6.65E-01	1.29E+00	3.42E+00	U
WS	01	727250001	5/28/2025	Zn-65	5.67E-01	9.20E-01	2.86E+00	U
WS	01	727250001	5/28/2025	Zr-95	1.43E+00	9.49E-01	3.10E+00	U
WS	01	730048001	6/19/2025	Ac-228	-1.86E+00	2.87E+00	7.67E+00	U
WS	01	730048001	6/19/2025	Ag-108m	-5.19E-01	4.38E-01	1.35E+00	U
WS	01	730048001	6/19/2025	Ag-110m	-3.56E-01	6.98E-01	2.16E+00	U
WS	01	730048001	6/19/2025	Ba-140	-1.93E+00	3.18E+00	1.02E+01	U
WS	01	730048001	6/19/2025	Be-7	1.94E+00	4.42E+00	1.50E+01	U
WS	01	730048001	6/19/2025	Bi-214	-2.53E+00	2.21E+00	4.03E+00	U
WS	01	730048001	6/19/2025	Ce-141	-1.52E+00	1.04E+00	3.03E+00	U
WS	01	730048001	6/19/2025	Ce-144	5.79E+00	3.40E+00	1.05E+01	U
WS	01	730048001	6/19/2025	Co-57	2.25E-01	4.14E-01	1.35E+00	U
WS	01	730048001	6/19/2025	Co-58	2.66E-01	5.01E-01	1.65E+00	U
WS	01	730048001	6/19/2025	Co-60	7.90E-01	5.38E-01	1.85E+00	U
WS	01	730048001	6/19/2025	Cr-51	1.03E+00	5.08E+00	1.75E+01	U
WS	01	730048001	6/19/2025	Cs-134	1.81E+00	8.07E-01	1.96E+00	U
WS	01	730048001	6/19/2025	Cs-137	7.43E-01	5.26E-01	1.74E+00	U
WS	01	730048001	6/19/2025	Fe-59	4.73E-01	1.25E+00	4.30E+00	U
WS	01	730048001	6/19/2025	I-131	-1.02E+00	1.48E+00	4.84E+00	U
WS	01	730048001	6/19/2025	K-40	3.03E+02	2.45E+01	1.43E+01	
WS	01	730048001	6/19/2025	La-140	2.85E+00	1.82E+00	3.85E+00	U
WS	01	730048001	6/19/2025	Mn-54	-6.14E-01	4.98E-01	1.42E+00	U
WS	01	730048001	6/19/2025	Nb-95	4.32E-01	5.73E-01	1.90E+00	U
WS	01	730048001	6/19/2025	Pb-212	-1.56E+00	1.33E+00	3.52E+00	U
WS	01	730048001	6/19/2025	Pb-214	-3.55E+00	1.80E+00	3.60E+00	U
WS	01	730048001	6/19/2025	Ru-103	-5.35E-01	5.84E-01	1.84E+00	U
WS	01	730048001	6/19/2025	Ru-106	-1.73E+00	4.42E+00	1.42E+01	U
WS	01	730048001	6/19/2025	Sb-124	6.45E-01	1.58E+00	4.17E+00	U
WS	01	730048001	6/19/2025	Sb-125	1.18E-01	1.27E+00	4.30E+00	U
WS	01	730048001	6/19/2025	Se-75	-1.74E-01	7.20E-01	2.22E+00	U
WS	01	730048001	6/19/2025	Th-228	-1.56E+00	1.33E+00	3.52E+00	U
WS	01	730048001	6/19/2025	Zn-65	9.65E-01	1.06E+00	3.67E+00	U
WS	01	730048001	6/19/2025	Zr-95	-6.67E-01	1.21E+00	2.93E+00	U
WS	01	736226001	6/19/2025	H-3	1.11E+02	1.66E+02	5.25E+02	U
WS	01	735512001	7/22/2025	Ac-228	2.57E-01	4.55E+00	6.43E+00	U
WS	01	735512001	7/22/2025	Ag-108m	-3.36E-01	4.17E-01	1.30E+00	U
WS	01	735512001	7/22/2025	Ag-110m	-1.40E+00	7.23E-01	1.96E+00	U
WS	01	735512001	7/22/2025	Ba-140	1.93E+00	3.25E+00	1.06E+01	U
WS	01	735512001	7/22/2025	Be-7	4.25E+00	4.93E+00	1.54E+01	U
WS	01	735512001	7/22/2025	Bi-214	5.31E-01	1.77E+00	4.08E+00	U
WS	01	735512001	7/22/2025	Ce-141	-9.16E-01	1.00E+00	3.01E+00	U
WS	01	735512001	7/22/2025	Ce-144	3.81E+00	3.26E+00	1.01E+01	U
WS	01	735512001	7/22/2025	Co-57	4.77E-01	4.14E-01	1.30E+00	U
WS	01	735512001	7/22/2025	Co-58	6.31E-01	4.99E-01	1.68E+00	U
WS	01	735512001	7/22/2025	Co-60	-1.37E-02	4.95E-01	1.59E+00	U
WS	01	735512001	7/22/2025	Cr-51	-5.56E+00	5.71E+00	1.61E+01	U
WS	01	735512001	7/22/2025	Cs-134	3.99E-01	5.07E-01	1.72E+00	U
WS	01	735512001	7/22/2025	Cs-137	-1.88E-01	4.55E-01	1.52E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	01	735512001	7/22/2025	Fe-59	-9.70E-01	1.12E+00	3.43E+00	U
WS	01	735512001	7/22/2025	I-131	-1.37E+00	1.37E+00	4.27E+00	U
WS	01	735512001	7/22/2025	K-40	3.20E+02	2.33E+01	1.62E+01	
WS	01	735512001	7/22/2025	La-140	-1.01E+00	1.13E+00	3.54E+00	U
WS	01	735512001	7/22/2025	Mn-54	-8.33E-02	6.64E-01	1.56E+00	U
WS	01	735512001	7/22/2025	Nb-95	2.20E-01	5.07E-01	1.72E+00	U
WS	01	735512001	7/22/2025	Pb-212	-1.54E+00	1.46E+00	3.31E+00	U
WS	01	735512001	7/22/2025	Pb-214	0.00E+00	2.72E+00	3.70E+00	U
WS	01	735512001	7/22/2025	Ru-103	5.09E-01	6.41E-01	1.87E+00	U
WS	01	735512001	7/22/2025	Ru-106	-6.85E+00	4.76E+00	1.34E+01	U
WS	01	735512001	7/22/2025	Sb-124	9.34E-01	9.95E-01	3.45E+00	U
WS	01	735512001	7/22/2025	Sb-125	6.24E-01	1.30E+00	4.27E+00	U
WS	01	735512001	7/22/2025	Se-75	1.96E-01	6.48E-01	2.19E+00	U
WS	01	735512001	7/22/2025	Th-228	-1.54E+00	1.46E+00	3.31E+00	U
WS	01	735512001	7/22/2025	Zn-65	-1.49E+00	1.06E+00	3.04E+00	U
WS	01	735512001	7/22/2025	Zr-95	-1.93E+00	1.01E+00	2.80E+00	U
WS	01	740231001	8/19/2025	Ac-228	2.80E+00	3.95E+00	7.99E+00	U
WS	01	740231001	8/19/2025	Ag-108m	3.65E-02	4.25E-01	1.42E+00	U
WS	01	740231001	8/19/2025	Ag-110m	3.22E-01	5.85E-01	1.90E+00	U
WS	01	740231001	8/19/2025	Ba-140	1.27E+00	2.45E+00	8.16E+00	U
WS	01	740231001	8/19/2025	Be-7	3.17E+00	4.24E+00	1.42E+01	U
WS	01	740231001	8/19/2025	Bi-214	0.00E+00	1.98E+00	3.14E+00	U
WS	01	740231001	8/19/2025	Ce-141	1.41E+00	2.04E+00	2.91E+00	U
WS	01	740231001	8/19/2025	Ce-144	-1.49E+00	3.30E+00	1.03E+01	U
WS	01	740231001	8/19/2025	Co-57	-1.57E-01	4.49E-01	1.42E+00	U
WS	01	740231001	8/19/2025	Co-58	3.81E-01	4.93E-01	1.61E+00	U
WS	01	740231001	8/19/2025	Co-60	-8.06E-01	5.07E-01	1.37E+00	U
WS	01	740231001	8/19/2025	Cr-51	-6.72E-01	4.55E+00	1.53E+01	U
WS	01	740231001	8/19/2025	Cs-134	4.61E-03	5.11E-01	1.63E+00	U
WS	01	740231001	8/19/2025	Cs-137	3.63E-01	5.13E-01	1.69E+00	U
WS	01	740231001	8/19/2025	Fe-59	9.02E-02	1.03E+00	3.49E+00	U
WS	01	740231001	8/19/2025	I-131	1.41E+00	1.07E+00	3.55E+00	U
WS	01	740231001	8/19/2025	K-40	3.24E+02	2.69E+01	1.49E+01	
WS	01	740231001	8/19/2025	La-140	-3.28E-01	8.75E-01	2.66E+00	U
WS	01	740231001	8/19/2025	Mn-54	-4.32E-01	5.14E-01	1.54E+00	U
WS	01	740231001	8/19/2025	Nb-95	4.24E-01	5.49E-01	1.79E+00	U
WS	01	740231001	8/19/2025	Pb-212	2.30E+00	2.26E+00	3.68E+00	U
WS	01	740231001	8/19/2025	Pb-214	1.02E+00	1.53E+00	3.87E+00	U
WS	01	740231001	8/19/2025	Ru-103	-1.06E-01	5.41E-01	1.77E+00	U
WS	01	740231001	8/19/2025	Ru-106	-1.41E+00	4.56E+00	1.29E+01	U
WS	01	740231001	8/19/2025	Sb-124	-1.54E+00	1.25E+00	3.50E+00	U
WS	01	740231001	8/19/2025	Sb-125	2.32E-02	1.21E+00	4.02E+00	U
WS	01	740231001	8/19/2025	Se-75	4.71E-02	6.48E-01	2.21E+00	U
WS	01	740231001	8/19/2025	Th-228	2.30E+00	2.26E+00	3.68E+00	U
WS	01	740231001	8/19/2025	Zn-65	-9.91E-01	1.13E+00	3.16E+00	U
WS	01	740231001	8/19/2025	Zr-95	-5.38E-01	8.89E-01	2.73E+00	U
WS	01	744480001	9/16/2025	Ac-228	8.37E+00	3.37E+00	1.06E+01	U
WS	01	744480001	9/16/2025	Ag-108m	5.59E-02	6.02E-01	2.00E+00	U
WS	01	744480001	9/16/2025	Ag-110m	-2.25E+00	1.12E+00	2.86E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	01	744480001	9/16/2025	Ba-140	-1.70E-01	4.10E+00	1.33E+01	U
WS	01	744480001	9/16/2025	Be-7	-2.85E+00	7.81E+00	2.01E+01	U
WS	01	744480001	9/16/2025	Bi-214	2.34E+00	2.97E+00	5.84E+00	U
WS	01	744480001	9/16/2025	Ce-141	-1.25E+00	1.22E+00	3.74E+00	U
WS	01	744480001	9/16/2025	Ce-144	2.86E+00	4.15E+00	1.37E+01	U
WS	01	744480001	9/16/2025	Co-57	-4.93E-01	5.52E-01	1.74E+00	U
WS	01	744480001	9/16/2025	Co-58	-1.58E-02	7.24E-01	2.43E+00	U
WS	01	744480001	9/16/2025	Co-60	3.64E-01	8.59E-01	2.83E+00	U
WS	01	744480001	9/16/2025	Cr-51	-8.75E+00	7.64E+00	2.13E+01	U
WS	01	744480001	9/16/2025	Cs-134	-1.58E+00	1.11E+00	2.20E+00	U
WS	01	744480001	9/16/2025	Cs-137	-1.53E-01	6.93E-01	2.18E+00	U
WS	01	744480001	9/16/2025	Fe-59	-1.50E+00	1.74E+00	5.24E+00	U
WS	01	744480001	9/16/2025	I-131	-1.31E-01	1.45E+00	4.86E+00	U
WS	01	744480001	9/16/2025	K-40	3.22E+02	3.35E+01	2.75E+01	
WS	01	744480001	9/16/2025	La-140	-8.43E-01	1.31E+00	4.07E+00	U
WS	01	744480001	9/16/2025	Mn-54	-1.29E-01	8.88E-01	2.48E+00	U
WS	01	744480001	9/16/2025	Nb-95	2.80E-01	7.13E-01	2.45E+00	U
WS	01	744480001	9/16/2025	Pb-212	3.10E+00	2.27E+00	5.00E+00	U
WS	01	744480001	9/16/2025	Pb-214	2.54E+00	2.88E+00	5.82E+00	U
WS	01	744480001	9/16/2025	Ru-103	-1.74E-01	7.71E-01	2.50E+00	U
WS	01	744480001	9/16/2025	Ru-106	1.72E+00	6.08E+00	1.98E+01	U
WS	01	744480001	9/16/2025	Sb-124	-8.35E-02	1.56E+00	5.14E+00	U
WS	01	744480001	9/16/2025	Sb-125	-2.47E+00	1.80E+00	5.28E+00	U
WS	01	744480001	9/16/2025	Se-75	-1.07E+00	1.03E+00	2.96E+00	U
WS	01	744480001	9/16/2025	Th-228	3.10E+00	2.27E+00	5.00E+00	U
WS	01	744480001	9/16/2025	Zn-65	-1.12E-01	1.63E+00	5.31E+00	U
WS	01	744480001	9/16/2025	Zr-95	-3.67E-01	1.24E+00	4.11E+00	U
WS	01	749027001	9/16/2025	H-3	-1.42E+02	1.61E+02	5.52E+02	U
WS	01	750442001	10/23/2025	Ac-228	3.60E+00	3.39E+00	4.23E+00	U
WS	01	750442001	10/23/2025	Ag-108m	-2.04E+00	7.86E-01	1.15E+00	U
WS	01	750442001	10/23/2025	Ag-110m	-6.25E-01	5.03E-01	1.40E+00	U
WS	01	750442001	10/23/2025	Ba-140	3.26E+00	2.91E+00	9.39E+00	U
WS	01	750442001	10/23/2025	Be-7	-6.54E+00	3.81E+00	1.07E+01	U
WS	01	750442001	10/23/2025	Bi-214	1.11E+00	2.20E+00	2.91E+00	U
WS	01	750442001	10/23/2025	Ce-141	-3.80E+00	1.54E+00	2.29E+00	U
WS	01	750442001	10/23/2025	Ce-144	3.00E+00	2.33E+00	7.88E+00	U
WS	01	750442001	10/23/2025	Co-57	7.65E-01	5.74E-01	1.01E+00	U
WS	01	750442001	10/23/2025	Co-58	-3.07E-01	4.12E-01	1.23E+00	U
WS	01	750442001	10/23/2025	Co-60	-2.11E-01	3.51E-01	1.13E+00	U
WS	01	750442001	10/23/2025	Cr-51	2.06E+00	4.13E+00	1.38E+01	U
WS	01	750442001	10/23/2025	Cs-134	-6.82E-02	4.06E-01	1.26E+00	U
WS	01	750442001	10/23/2025	Cs-137	2.55E-01	3.80E-01	1.22E+00	U
WS	01	750442001	10/23/2025	Fe-59	-2.19E+00	8.39E-01	1.87E+00	U
WS	01	750442001	10/23/2025	I-131	1.87E-01	1.34E+00	4.44E+00	U
WS	01	750442001	10/23/2025	K-40	3.57E+02	2.33E+01	9.89E+00	
WS	01	750442001	10/23/2025	La-140	3.45E-01	8.63E-01	2.62E+00	U
WS	01	750442001	10/23/2025	Mn-54	2.38E-01	4.06E-01	1.19E+00	U
WS	01	750442001	10/23/2025	Nb-95	5.76E-02	4.20E-01	1.33E+00	U
WS	01	750442001	10/23/2025	Pb-212	6.71E-01	1.77E+00	2.56E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	01	750442001	10/23/2025	Pb-214	-2.95E+00	1.79E+00	2.84E+00	U
WS	01	750442001	10/23/2025	Ru-103	-8.99E-02	4.47E-01	1.33E+00	U
WS	01	750442001	10/23/2025	Ru-106	2.37E-01	3.33E+00	1.07E+01	U
WS	01	750442001	10/23/2025	Sb-124	1.57E+00	9.97E-01	3.32E+00	U
WS	01	750442001	10/23/2025	Sb-125	-2.23E+00	2.17E+00	3.08E+00	U
WS	01	750442001	10/23/2025	Se-75	4.73E-01	4.92E-01	1.65E+00	U
WS	01	750442001	10/23/2025	Th-228	6.71E-01	1.77E+00	2.56E+00	U
WS	01	750442001	10/23/2025	Zn-65	9.41E-01	1.14E+00	2.41E+00	U
WS	01	750442001	10/23/2025	Zr-95	3.97E-01	7.45E-01	2.37E+00	U
WS	01	755473001	11/20/2025	Ac-228	2.52E+00	3.35E+00	5.33E+00	U
WS	01	755473001	11/20/2025	Ag-108m	4.01E-01	3.16E-01	1.01E+00	U
WS	01	755473001	11/20/2025	Ag-110m	-3.41E-01	4.61E-01	1.48E+00	U
WS	01	755473001	11/20/2025	Ba-140	5.11E+00	3.34E+00	1.04E+01	U
WS	01	755473001	11/20/2025	Be-7	-5.50E+00	3.69E+00	1.04E+01	U
WS	01	755473001	11/20/2025	Bi-214	3.93E-01	1.42E+00	2.79E+00	U
WS	01	755473001	11/20/2025	Ce-141	-2.52E+00	1.44E+00	2.21E+00	U
WS	01	755473001	11/20/2025	Ce-144	8.98E-01	1.99E+00	6.86E+00	U
WS	01	755473001	11/20/2025	Co-57	-1.40E-01	2.67E-01	9.06E-01	U
WS	01	755473001	11/20/2025	Co-58	2.77E-01	3.79E-01	1.30E+00	U
WS	01	755473001	11/20/2025	Co-60	7.94E-01	4.64E-01	1.39E+00	U
WS	01	755473001	11/20/2025	Cr-51	-3.97E-01	4.06E+00	1.32E+01	U
WS	01	755473001	11/20/2025	Cs-134	2.56E-01	3.73E-01	1.28E+00	U
WS	01	755473001	11/20/2025	Cs-137	6.33E-01	4.85E-01	1.09E+00	U
WS	01	755473001	11/20/2025	Fe-59	-5.62E-02	8.80E-01	2.90E+00	U
WS	01	755473001	11/20/2025	I-131	-1.13E+00	1.57E+00	4.91E+00	U
WS	01	755473001	11/20/2025	K-40	3.23E+02	2.25E+01	1.23E+01	
WS	01	755473001	11/20/2025	La-140	-1.04E+00	1.04E+00	2.98E+00	U
WS	01	755473001	11/20/2025	Mn-54	3.80E-01	3.48E-01	1.18E+00	U
WS	01	755473001	11/20/2025	Nb-95	-5.19E-01	4.00E-01	1.23E+00	U
WS	01	755473001	11/20/2025	Pb-212	1.91E-01	1.34E+00	2.82E+00	U
WS	01	755473001	11/20/2025	Pb-214	0.00E+00	2.27E+00	2.90E+00	U
WS	01	755473001	11/20/2025	Ru-103	-1.69E-01	4.48E-01	1.28E+00	U
WS	01	755473001	11/20/2025	Ru-106	8.60E-01	3.13E+00	9.83E+00	U
WS	01	755473001	11/20/2025	Sb-124	2.58E-01	9.49E-01	3.06E+00	U
WS	01	755473001	11/20/2025	Sb-125	1.52E+00	9.64E-01	3.03E+00	U
WS	01	755473001	11/20/2025	Se-75	1.84E-01	4.60E-01	1.53E+00	U
WS	01	755473001	11/20/2025	Th-228	1.91E-01	1.34E+00	2.82E+00	U
WS	01	755473001	11/20/2025	Zn-65	-1.23E+00	8.77E-01	2.56E+00	U
WS	01	755473001	11/20/2025	Zr-95	-1.28E-01	6.71E-01	2.26E+00	U
WS	01	758257001	12/17/2025	Ac-228	3.60E+00	4.64E+00	7.54E+00	U
WS	01	758257001	12/17/2025	Ag-108m	-5.38E-02	3.73E-01	1.19E+00	U
WS	01	758257001	12/17/2025	Ag-110m	-4.28E-01	6.26E-01	2.00E+00	U
WS	01	758257001	12/17/2025	Ba-140	-1.34E+00	4.56E+00	1.42E+01	U
WS	01	758257001	12/17/2025	Be-7	7.06E-01	4.44E+00	1.42E+01	U
WS	01	758257001	12/17/2025	Bi-214	-1.83E+00	2.30E+00	3.39E+00	U
WS	01	758257001	12/17/2025	Ce-141	-1.33E+00	9.15E-01	2.91E+00	U
WS	01	758257001	12/17/2025	Ce-144	2.97E-01	2.55E+00	8.97E+00	U
WS	01	758257001	12/17/2025	Co-57	-5.20E-02	3.95E-01	1.16E+00	U
WS	01	758257001	12/17/2025	Co-58	-1.09E-01	4.67E-01	1.55E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	01	758257001	12/17/2025	Co-60	1.00E+00	5.64E-01	1.84E+00	U
WS	01	758257001	12/17/2025	Cr-51	1.23E-01	5.33E+00	1.76E+01	U
WS	01	758257001	12/17/2025	Cs-134	-1.24E-01	4.60E-01	1.53E+00	U
WS	01	758257001	12/17/2025	Cs-137	1.87E-01	4.28E-01	1.48E+00	U
WS	01	758257001	12/17/2025	Fe-59	-1.08E+00	1.17E+00	3.54E+00	U
WS	01	758257001	12/17/2025	I-131	2.63E+00	2.29E+00	7.51E+00	U
WS	01	758257001	12/17/2025	K-40	3.42E+02	2.49E+01	1.47E+01	
WS	01	758257001	12/17/2025	La-140	-2.68E+00	1.73E+00	4.88E+00	U
WS	01	758257001	12/17/2025	Mn-54	-5.19E-02	3.95E-01	1.32E+00	U
WS	01	758257001	12/17/2025	Nb-95	-2.36E-01	5.06E-01	1.67E+00	U
WS	01	758257001	12/17/2025	Pb-212	0.00E+00	2.03E+00	2.41E+00	U
WS	01	758257001	12/17/2025	Pb-214	2.95E+00	2.69E+00	3.40E+00	U
WS	01	758257001	12/17/2025	Ru-103	9.83E-01	6.13E-01	1.82E+00	U
WS	01	758257001	12/17/2025	Ru-106	8.11E-01	4.01E+00	1.26E+01	U
WS	01	758257001	12/17/2025	Sb-124	7.66E-01	1.03E+00	3.61E+00	U
WS	01	758257001	12/17/2025	Sb-125	6.50E-01	1.19E+00	3.88E+00	U
WS	01	758257001	12/17/2025	Se-75	-1.08E-01	5.62E-01	1.87E+00	U
WS	01	758257001	12/17/2025	Th-228	0.00E+00	2.03E+00	2.41E+00	U
WS	01	758257001	12/17/2025	Zn-65	1.86E+00	1.09E+00	3.58E+00	U
WS	01	758257001	12/17/2025	Zr-95	1.08E+00	9.02E-01	2.98E+00	U
WS	01	762194001	12/17/2025	H-3	1.23E+02	2.12E+02	6.75E+02	U
WS	10	727250004	5/29/2025	Ac-228	1.66E+00	3.63E+00	6.75E+00	U
WS	10	727250004	5/29/2025	Ag-108m	2.05E-01	3.56E-01	1.21E+00	U
WS	10	727250004	5/29/2025	Ag-110m	8.59E-01	5.98E-01	1.78E+00	U
WS	10	727250004	5/29/2025	Ba-140	-1.02E+00	3.57E+00	1.04E+01	U
WS	10	727250004	5/29/2025	Be-7	2.83E+00	3.94E+00	1.33E+01	U
WS	10	727250004	5/29/2025	Bi-214	-1.43E+00	1.47E+00	3.34E+00	U
WS	10	727250004	5/29/2025	Ce-141	-2.89E+00	1.51E+00	3.01E+00	U
WS	10	727250004	5/29/2025	Ce-144	-1.14E-01	2.80E+00	9.07E+00	U
WS	10	727250004	5/29/2025	Co-57	-2.22E-02	3.73E-01	1.22E+00	U
WS	10	727250004	5/29/2025	Co-58	-4.46E-01	4.26E-01	1.25E+00	U
WS	10	727250004	5/29/2025	Co-60	-6.32E-02	4.41E-01	1.45E+00	U
WS	10	727250004	5/29/2025	Cr-51	4.78E+00	4.86E+00	1.66E+01	U
WS	10	727250004	5/29/2025	Cs-134	9.31E-01	7.41E-01	1.62E+00	U
WS	10	727250004	5/29/2025	Cs-137	1.01E-01	4.06E-01	1.34E+00	U
WS	10	727250004	5/29/2025	Fe-59	-9.48E-01	1.02E+00	3.20E+00	U
WS	10	727250004	5/29/2025	H-3	2.53E+01	1.29E+02	4.19E+02	U
WS	10	727250004	5/29/2025	I-131	-2.30E+00	1.61E+00	4.92E+00	U
WS	10	727250004	5/29/2025	K-40	1.34E+02	1.62E+01	1.57E+01	
WS	10	727250004	5/29/2025	La-140	-6.52E-01	1.21E+00	3.78E+00	U
WS	10	727250004	5/29/2025	Mn-54	3.18E-01	4.67E-01	1.37E+00	U
WS	10	727250004	5/29/2025	Nb-95	-1.66E-01	7.61E-01	1.64E+00	U
WS	10	727250004	5/29/2025	Pb-212	1.21E+00	1.55E+00	3.62E+00	U
WS	10	727250004	5/29/2025	Pb-214	-7.07E-01	1.45E+00	3.24E+00	U
WS	10	727250004	5/29/2025	Ru-103	-2.21E-04	5.39E-01	1.61E+00	U
WS	10	727250004	5/29/2025	Ru-106	1.79E+00	4.32E+00	1.29E+01	U
WS	10	727250004	5/29/2025	Sb-124	-1.64E-02	1.20E+00	3.91E+00	U
WS	10	727250004	5/29/2025	Sb-125	-1.30E+00	1.30E+00	3.67E+00	U
WS	10	727250004	5/29/2025	Se-75	6.76E-01	6.17E-01	1.93E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	10	727250004	5/29/2025	Th-228	1.21E+00	1.55E+00	3.62E+00	U
WS	10	727250004	5/29/2025	Zn-65	1.45E-01	8.89E-01	2.67E+00	U
WS	10	727250004	5/29/2025	Zr-95	5.30E-01	8.14E-01	2.68E+00	U
WS	10	755473004	11/20/2025	Ac-228	0.00E+00	4.10E+00	5.72E+00	U
WS	10	755473004	11/20/2025	Ag-108m	9.44E-02	2.80E-01	8.92E-01	U
WS	10	755473004	11/20/2025	Ag-110m	-8.62E-02	4.26E-01	1.41E+00	U
WS	10	755473004	11/20/2025	Ba-140	5.96E+00	3.18E+00	9.53E+00	U
WS	10	755473004	11/20/2025	Be-7	-2.77E+00	3.19E+00	9.54E+00	U
WS	10	755473004	11/20/2025	Bi-214	-2.70E+00	1.97E+00	3.08E+00	U
WS	10	755473004	11/20/2025	Ce-141	-1.79E+00	1.22E+00	2.20E+00	U
WS	10	755473004	11/20/2025	Ce-144	5.74E-01	1.99E+00	6.76E+00	U
WS	10	755473004	11/20/2025	Co-57	-3.76E-01	2.74E-01	8.66E-01	U
WS	10	755473004	11/20/2025	Co-58	-4.89E-01	3.95E-01	1.07E+00	U
WS	10	755473004	11/20/2025	Co-60	1.24E-01	3.20E-01	1.05E+00	U
WS	10	755473004	11/20/2025	Cr-51	4.41E+00	4.04E+00	1.30E+01	U
WS	10	755473004	11/20/2025	Cs-134	5.40E-01	3.66E-01	1.21E+00	U
WS	10	755473004	11/20/2025	Cs-137	5.68E-01	5.28E-01	1.03E+00	U
WS	10	755473004	11/20/2025	Fe-59	5.62E-01	8.10E-01	2.69E+00	U
WS	10	755473004	11/20/2025	H-3	4.43E+02	1.87E+02	5.23E+02	U
WS	10	755473004	11/20/2025	I-131	1.70E+00	1.49E+00	4.74E+00	U
WS	10	755473004	11/20/2025	K-40	2.04E+02	1.71E+01	1.01E+01	
WS	10	755473004	11/20/2025	La-140	5.08E-01	9.99E-01	3.23E+00	U
WS	10	755473004	11/20/2025	Mn-54	6.95E-02	3.01E-01	1.01E+00	U
WS	10	755473004	11/20/2025	Nb-95	4.01E-01	3.78E-01	1.22E+00	U
WS	10	755473004	11/20/2025	Pb-212	9.50E-01	1.42E+00	2.41E+00	U
WS	10	755473004	11/20/2025	Pb-214	-2.63E+00	1.68E+00	2.77E+00	U
WS	10	755473004	11/20/2025	Ru-103	1.88E-01	4.57E-01	1.33E+00	U
WS	10	755473004	11/20/2025	Ru-106	-2.84E+00	2.97E+00	9.63E+00	U
WS	10	755473004	11/20/2025	Sb-124	-6.16E-01	7.98E-01	2.55E+00	U
WS	10	755473004	11/20/2025	Sb-125	-1.57E+00	9.58E-01	2.66E+00	U
WS	10	755473004	11/20/2025	Se-75	-1.38E+00	8.77E-01	1.45E+00	U
WS	10	755473004	11/20/2025	Th-228	9.50E-01	1.42E+00	2.41E+00	U
WS	10	755473004	11/20/2025	Zn-65	6.75E-01	7.75E-01	2.32E+00	U
WS	10	755473004	11/20/2025	Zr-95	-3.57E-02	6.43E-01	2.16E+00	U
WS	51	705657002	1/13/2025	Ac-228	-3.62E+00	4.40E+00	8.21E+00	U
WS	51	705657002	1/13/2025	Ag-108m	-6.19E-01	5.11E-01	1.49E+00	U
WS	51	705657002	1/13/2025	Ag-110m	-2.74E+00	2.04E+00	2.44E+00	U
WS	51	705657002	1/13/2025	Ba-140	-5.21E+00	4.15E+00	1.27E+01	U
WS	51	705657002	1/13/2025	Be-7	6.68E+00	5.29E+00	1.77E+01	U
WS	51	705657002	1/13/2025	Bi-214	-3.20E-01	1.83E+00	4.47E+00	U
WS	51	705657002	1/13/2025	Ce-141	1.54E-01	1.04E+00	3.33E+00	U
WS	51	705657002	1/13/2025	Ce-144	5.31E-01	3.44E+00	1.11E+01	U
WS	51	705657002	1/13/2025	Co-57	4.79E-02	4.27E-01	1.39E+00	U
WS	51	705657002	1/13/2025	Co-58	-1.23E-02	5.84E-01	1.97E+00	U
WS	51	705657002	1/13/2025	Co-60	2.04E-01	6.27E-01	2.13E+00	U
WS	51	705657002	1/13/2025	Cr-51	5.71E-01	6.19E+00	2.03E+01	U
WS	51	705657002	1/13/2025	Cs-134	-1.89E-01	6.55E-01	2.07E+00	U
WS	51	705657002	1/13/2025	Cs-137	7.80E-01	5.87E-01	1.92E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	51	705657002	1/13/2025	Fe-59	-3.79E+00	1.77E+00	4.44E+00	U
WS	51	705657002	1/13/2025	I-131	-3.20E+00	1.97E+00	5.58E+00	U
WS	51	705657002	1/13/2025	K-40	0.00E+00	2.48E+01	2.06E+01	U
WS	51	705657002	1/13/2025	La-140	1.04E-01	1.53E+00	5.05E+00	U
WS	51	705657002	1/13/2025	Mn-54	-9.70E-01	5.88E-01	1.70E+00	U
WS	51	705657002	1/13/2025	Nb-95	7.21E-01	6.32E-01	2.06E+00	U
WS	51	705657002	1/13/2025	Pb-212	-6.66E-01	1.50E+00	3.86E+00	U
WS	51	705657002	1/13/2025	Pb-214	-3.69E+00	2.16E+00	4.38E+00	U
WS	51	705657002	1/13/2025	Ru-103	-5.01E-01	6.74E-01	2.19E+00	U
WS	51	705657002	1/13/2025	Ru-106	-9.57E-02	4.79E+00	1.58E+01	U
WS	51	705657002	1/13/2025	Sb-124	-1.21E+00	1.68E+00	5.17E+00	U
WS	51	705657002	1/13/2025	Sb-125	1.06E+00	1.57E+00	5.03E+00	U
WS	51	705657002	1/13/2025	Se-75	6.75E-01	7.24E-01	2.41E+00	U
WS	51	705657002	1/13/2025	Th-228	-6.66E-01	1.50E+00	3.86E+00	U
WS	51	705657002	1/13/2025	Zn-65	-1.63E+00	1.55E+00	3.93E+00	U
WS	51	705657002	1/13/2025	Zr-95	1.28E+00	1.15E+00	3.74E+00	U
WS	51	712150002	2/26/2025	Ac-228	-6.66E-01	2.94E+00	6.71E+00	U
WS	51	712150002	2/26/2025	Ag-108m	-4.91E-01	3.94E-01	1.20E+00	U
WS	51	712150002	2/26/2025	Ag-110m	8.51E-01	7.01E-01	2.26E+00	U
WS	51	712150002	2/26/2025	Ba-140	8.61E-01	2.40E+00	7.99E+00	U
WS	51	712150002	2/26/2025	Be-7	3.21E+00	4.11E+00	1.37E+01	U
WS	51	712150002	2/26/2025	Bi-214	1.52E+00	2.15E+00	2.78E+00	U
WS	51	712150002	2/26/2025	Ce-141	-1.98E+00	1.26E+00	2.68E+00	U
WS	51	712150002	2/26/2025	Ce-144	5.07E-01	2.99E+00	9.61E+00	U
WS	51	712150002	2/26/2025	Co-57	1.78E-01	3.88E-01	1.26E+00	U
WS	51	712150002	2/26/2025	Co-58	-5.33E-01	5.11E-01	1.50E+00	U
WS	51	712150002	2/26/2025	Co-60	1.92E-01	4.98E-01	1.68E+00	U
WS	51	712150002	2/26/2025	Cr-51	-5.46E+00	4.29E+00	1.34E+01	U
WS	51	712150002	2/26/2025	Cs-134	3.20E-01	4.94E-01	1.61E+00	U
WS	51	712150002	2/26/2025	Cs-137	-7.62E-01	5.17E-01	1.46E+00	U
WS	51	712150002	2/26/2025	Fe-59	-4.01E-01	9.79E-01	3.21E+00	U
WS	51	712150002	2/26/2025	I-131	4.98E-01	8.40E-01	2.85E+00	U
WS	51	712150002	2/26/2025	K-40	3.19E+02	2.47E+01	1.37E+01	
WS	51	712150002	2/26/2025	La-140	-1.41E-01	7.72E-01	2.48E+00	U
WS	51	712150002	2/26/2025	Mn-54	1.38E-01	4.50E-01	1.45E+00	U
WS	51	712150002	2/26/2025	Nb-95	-1.04E+00	6.63E-01	1.59E+00	U
WS	51	712150002	2/26/2025	Pb-212	1.17E+00	1.59E+00	3.29E+00	U
WS	51	712150002	2/26/2025	Pb-214	0.00E+00	3.16E+00	3.75E+00	U
WS	51	712150002	2/26/2025	Ru-103	2.87E-01	4.92E-01	1.48E+00	U
WS	51	712150002	2/26/2025	Ru-106	-6.41E+00	4.97E+00	1.27E+01	U
WS	51	712150002	2/26/2025	Sb-124	-8.05E-01	1.02E+00	3.03E+00	U
WS	51	712150002	2/26/2025	Sb-125	-6.35E-01	1.14E+00	3.71E+00	U
WS	51	712150002	2/26/2025	Se-75	9.11E-01	5.91E-01	1.96E+00	U
WS	51	712150002	2/26/2025	Th-228	1.17E+00	1.59E+00	3.29E+00	U
WS	51	712150002	2/26/2025	Zn-65	-2.72E-01	1.01E+00	3.34E+00	U
WS	51	712150002	2/26/2025	Zr-95	-5.61E-01	8.10E-01	2.47E+00	U
WS	51	717164002	3/24/2025	Ac-228	8.83E-01	3.45E+00	5.85E+00	U
WS	51	717164002	3/24/2025	Ag-108m	1.26E-01	3.35E-01	1.15E+00	U
WS	51	717164002	3/24/2025	Ag-110m	-2.30E-01	5.90E-01	1.87E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	51	717164002	3/24/2025	Ba-140	-8.70E-01	3.02E+00	1.00E+01	U
WS	51	717164002	3/24/2025	Be-7	4.19E+00	3.78E+00	1.28E+01	U
WS	51	717164002	3/24/2025	Bi-214	9.11E-01	1.40E+00	3.25E+00	U
WS	51	717164002	3/24/2025	Ce-141	-6.05E-01	1.39E+00	2.90E+00	U
WS	51	717164002	3/24/2025	Ce-144	2.67E+00	2.75E+00	8.96E+00	U
WS	51	717164002	3/24/2025	Co-57	-1.55E-01	3.53E-01	1.15E+00	U
WS	51	717164002	3/24/2025	Co-58	-7.58E-02	4.31E-01	1.39E+00	U
WS	51	717164002	3/24/2025	Co-60	-1.32E-01	4.03E-01	1.33E+00	U
WS	51	717164002	3/24/2025	Cr-51	-2.73E+00	5.12E+00	1.56E+01	U
WS	51	717164002	3/24/2025	Cs-134	1.22E+00	6.56E-01	1.53E+00	U
WS	51	717164002	3/24/2025	Cs-137	5.16E-01	4.31E-01	1.43E+00	U
WS	51	717164002	3/24/2025	Fe-59	-1.09E+00	1.03E+00	2.97E+00	U
WS	51	717164002	3/24/2025	I-131	-1.10E+00	1.40E+00	4.62E+00	U
WS	51	717164002	3/24/2025	K-40	3.03E+02	2.42E+01	1.26E+01	
WS	51	717164002	3/24/2025	La-140	-3.97E-01	1.01E+00	3.25E+00	U
WS	51	717164002	3/24/2025	Mn-54	-1.79E-01	3.77E-01	1.19E+00	U
WS	51	717164002	3/24/2025	Nb-95	5.17E-01	6.98E-01	1.30E+00	U
WS	51	717164002	3/24/2025	Pb-212	2.12E+00	1.62E+00	2.33E+00	U
WS	51	717164002	3/24/2025	Pb-214	0.00E+00	2.04E+00	2.90E+00	U
WS	51	717164002	3/24/2025	Ru-103	-8.34E-01	5.36E-01	1.40E+00	U
WS	51	717164002	3/24/2025	Ru-106	1.46E+00	3.54E+00	1.19E+01	U
WS	51	717164002	3/24/2025	Sb-124	-2.41E-01	1.16E+00	3.77E+00	U
WS	51	717164002	3/24/2025	Sb-125	-1.93E-01	1.08E+00	3.64E+00	U
WS	51	717164002	3/24/2025	Se-75	2.67E-01	5.80E-01	1.85E+00	U
WS	51	717164002	3/24/2025	Th-228	2.12E+00	1.62E+00	2.33E+00	U
WS	51	717164002	3/24/2025	Zn-65	-2.38E-01	9.59E-01	3.00E+00	U
WS	51	717164002	3/24/2025	Zr-95	6.61E-01	7.82E-01	2.59E+00	U
WS	51	722969002	3/24/2025	H-3	-1.74E+02	1.36E+02	4.74E+02	U
WS	51	720495002	4/17/2025	Ac-228	7.62E+00	4.67E+00	8.58E+00	U
WS	51	720495002	4/17/2025	Ag-108m	1.30E-02	4.35E-01	1.44E+00	U
WS	51	720495002	4/17/2025	Ag-110m	-7.77E-01	7.03E-01	2.17E+00	U
WS	51	720495002	4/17/2025	Ba-140	1.63E+00	3.52E+00	1.04E+01	U
WS	51	720495002	4/17/2025	Be-7	-1.61E+00	4.55E+00	1.47E+01	U
WS	51	720495002	4/17/2025	Bi-214	-2.12E+00	1.98E+00	4.38E+00	U
WS	51	720495002	4/17/2025	Ce-141	-4.73E-01	1.34E+00	3.07E+00	U
WS	51	720495002	4/17/2025	Ce-144	-2.63E+00	3.33E+00	1.03E+01	U
WS	51	720495002	4/17/2025	Co-57	-5.25E-01	5.35E-01	1.38E+00	U
WS	51	720495002	4/17/2025	Co-58	1.23E-01	5.14E-01	1.75E+00	U
WS	51	720495002	4/17/2025	Co-60	2.72E-01	5.43E-01	1.80E+00	U
WS	51	720495002	4/17/2025	Cr-51	1.06E+00	4.94E+00	1.67E+01	U
WS	51	720495002	4/17/2025	Cs-134	-1.55E-01	5.52E-01	1.84E+00	U
WS	51	720495002	4/17/2025	Cs-137	-4.55E-01	5.71E-01	1.73E+00	U
WS	51	720495002	4/17/2025	Fe-59	1.27E+00	1.34E+00	4.01E+00	U
WS	51	720495002	4/17/2025	I-131	1.11E+00	1.16E+00	3.89E+00	U
WS	51	720495002	4/17/2025	K-40	2.98E+02	2.44E+01	1.56E+01	
WS	51	720495002	4/17/2025	La-140	-1.53E+00	1.05E+00	3.02E+00	U
WS	51	720495002	4/17/2025	Mn-54	-4.51E-01	5.27E-01	1.68E+00	U
WS	51	720495002	4/17/2025	Nb-95	5.66E-01	5.35E-01	1.83E+00	U
WS	51	720495002	4/17/2025	Pb-212	1.18E+00	2.14E+00	2.91E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	51	720495002	4/17/2025	Pb-214	6.47E-01	2.18E+00	4.20E+00	U
WS	51	720495002	4/17/2025	Ru-103	1.19E-01	5.70E-01	1.87E+00	U
WS	51	720495002	4/17/2025	Ru-106	1.19E+01	5.09E+00	1.53E+01	U
WS	51	720495002	4/17/2025	Sb-124	1.36E+00	1.34E+00	4.64E+00	U
WS	51	720495002	4/17/2025	Sb-125	9.86E-01	1.42E+00	4.72E+00	U
WS	51	720495002	4/17/2025	Se-75	1.06E+00	7.22E-01	2.40E+00	U
WS	51	720495002	4/17/2025	Th-228	1.18E+00	2.14E+00	2.91E+00	U
WS	51	720495002	4/17/2025	Zn-65	-2.46E+00	1.23E+00	3.13E+00	U
WS	51	720495002	4/17/2025	Zr-95	-6.34E-01	9.38E-01	3.06E+00	U
WS	51	727250002	5/28/2025	Ac-228	4.47E+00	2.53E+00	6.98E+00	U
WS	51	727250002	5/28/2025	Ag-108m	6.22E-01	3.97E-01	1.29E+00	U
WS	51	727250002	5/28/2025	Ag-110m	-2.00E-01	6.45E-01	2.16E+00	U
WS	51	727250002	5/28/2025	Ba-140	4.91E+00	4.73E+00	1.56E+01	U DL
WS	51	727250002	5/28/2025	Be-7	-8.93E-01	4.32E+00	1.43E+01	U
WS	51	727250002	5/28/2025	Bi-214	0.00E+00	1.94E+00	3.63E+00	U
WS	51	727250002	5/28/2025	Ce-141	-2.79E+00	1.69E+00	2.66E+00	U
WS	51	727250002	5/28/2025	Ce-144	1.57E+00	2.43E+00	8.02E+00	U
WS	51	727250002	5/28/2025	Co-57	6.93E-01	4.71E-01	9.49E-01	U
WS	51	727250002	5/28/2025	Co-58	-9.10E-01	6.02E-01	1.68E+00	U
WS	51	727250002	5/28/2025	Co-60	-2.44E-01	1.06E+00	1.76E+00	U
WS	51	727250002	5/28/2025	Cr-51	3.10E+00	4.90E+00	1.69E+01	U
WS	51	727250002	5/28/2025	Cs-134	-3.20E-01	8.30E-01	1.87E+00	U
WS	51	727250002	5/28/2025	Cs-137	-2.53E-01	4.74E-01	1.50E+00	U
WS	51	727250002	5/28/2025	Fe-59	-1.66E+00	1.34E+00	4.06E+00	U
WS	51	727250002	5/28/2025	I-131	4.61E-03	2.21E+00	6.79E+00	U
WS	51	727250002	5/28/2025	K-40	2.85E+02	2.23E+01	1.71E+01	
WS	51	727250002	5/28/2025	La-140	2.64E+00	1.61E+00	5.28E+00	U
WS	51	727250002	5/28/2025	Mn-54	-8.32E-01	5.47E-01	1.52E+00	U
WS	51	727250002	5/28/2025	Nb-95	-1.81E-01	6.12E-01	1.94E+00	U
WS	51	727250002	5/28/2025	Pb-212	-4.11E+00	1.88E+00	2.72E+00	U
WS	51	727250002	5/28/2025	Pb-214	-5.38E+00	2.30E+00	3.36E+00	U
WS	51	727250002	5/28/2025	Ru-103	4.75E-01	5.81E-01	1.94E+00	U
WS	51	727250002	5/28/2025	Ru-106	-1.97E+00	4.45E+00	1.43E+01	U
WS	51	727250002	5/28/2025	Sb-124	3.37E-01	1.32E+00	4.27E+00	U
WS	51	727250002	5/28/2025	Sb-125	6.35E-01	1.12E+00	3.79E+00	U
WS	51	727250002	5/28/2025	Se-75	-2.85E-01	5.71E-01	1.76E+00	U
WS	51	727250002	5/28/2025	Th-228	-4.11E+00	1.88E+00	2.72E+00	U
WS	51	727250002	5/28/2025	Zn-65	9.11E-01	1.13E+00	3.82E+00	U
WS	51	727250002	5/28/2025	Zr-95	8.68E-01	1.07E+00	3.47E+00	U
WS	51	730048002	6/19/2025	Ac-228	7.26E-01	2.87E+00	7.79E+00	U
WS	51	730048002	6/19/2025	Ag-108m	2.98E-01	4.09E-01	1.38E+00	U
WS	51	730048002	6/19/2025	Ag-110m	1.06E-01	6.91E-01	2.21E+00	U
WS	51	730048002	6/19/2025	Ba-140	-5.72E-01	3.98E+00	1.16E+01	U
WS	51	730048002	6/19/2025	Be-7	3.27E+00	4.44E+00	1.49E+01	U
WS	51	730048002	6/19/2025	Bi-214	1.88E-01	2.02E+00	4.35E+00	U
WS	51	730048002	6/19/2025	Ce-141	1.12E+00	1.44E+00	3.34E+00	U
WS	51	730048002	6/19/2025	Ce-144	2.32E+00	3.48E+00	1.12E+01	U
WS	51	730048002	6/19/2025	Co-57	1.58E-02	4.39E-01	1.41E+00	U
WS	51	730048002	6/19/2025	Co-58	2.74E-01	5.37E-01	1.75E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	51	730048002	6/19/2025	Co-60	7.71E-02	5.40E-01	1.80E+00	U
WS	51	730048002	6/19/2025	Cr-51	3.12E+00	4.66E+00	1.60E+01	U
WS	51	730048002	6/19/2025	Cs-134	-8.19E-01	6.00E-01	1.67E+00	U
WS	51	730048002	6/19/2025	Cs-137	5.68E-01	5.55E-01	1.67E+00	U
WS	51	730048002	6/19/2025	Fe-59	3.40E-01	1.15E+00	3.90E+00	U
WS	51	730048002	6/19/2025	I-131	-1.57E-01	1.39E+00	4.65E+00	U
WS	51	730048002	6/19/2025	K-40	2.62E+02	2.22E+01	1.30E+01	
WS	51	730048002	6/19/2025	La-140	-1.89E+00	1.37E+00	3.79E+00	U
WS	51	730048002	6/19/2025	Mn-54	-2.43E-01	5.12E-01	1.58E+00	U
WS	51	730048002	6/19/2025	Nb-95	5.50E-01	4.90E-01	1.62E+00	U
WS	51	730048002	6/19/2025	Pb-212	8.31E-02	1.92E+00	3.77E+00	U
WS	51	730048002	6/19/2025	Pb-214	-1.88E+00	1.65E+00	3.86E+00	U
WS	51	730048002	6/19/2025	Ru-103	-1.10E-01	6.32E-01	1.85E+00	U
WS	51	730048002	6/19/2025	Ru-106	-5.97E-01	4.07E+00	1.32E+01	U
WS	51	730048002	6/19/2025	Sb-124	5.66E-01	1.10E+00	3.71E+00	U
WS	51	730048002	6/19/2025	Sb-125	-8.46E-01	1.33E+00	4.29E+00	U
WS	51	730048002	6/19/2025	Se-75	3.41E-01	6.18E-01	2.13E+00	U
WS	51	730048002	6/19/2025	Th-228	8.31E-02	1.92E+00	3.77E+00	U
WS	51	730048002	6/19/2025	Zn-65	1.47E+00	1.07E+00	3.67E+00	U
WS	51	730048002	6/19/2025	Zr-95	-3.70E-01	9.73E-01	3.05E+00	U
WS	51	736226002	6/19/2025	H-3	7.47E+01	1.64E+02	5.24E+02	U
WS	51	735512002	7/22/2025	Ac-228	-4.26E+00	2.65E+00	5.87E+00	U
WS	51	735512002	7/22/2025	Ag-108m	5.34E-01	3.78E-01	1.25E+00	U
WS	51	735512002	7/22/2025	Ag-110m	8.15E-01	5.98E-01	1.93E+00	U
WS	51	735512002	7/22/2025	Ba-140	-3.72E-01	2.61E+00	8.56E+00	U
WS	51	735512002	7/22/2025	Be-7	1.55E+00	3.79E+00	1.27E+01	U
WS	51	735512002	7/22/2025	Bi-214	-1.90E+00	1.55E+00	3.30E+00	U
WS	51	735512002	7/22/2025	Ce-141	-4.02E+00	1.66E+00	2.60E+00	U
WS	51	735512002	7/22/2025	Ce-144	6.23E-01	2.83E+00	9.17E+00	U
WS	51	735512002	7/22/2025	Co-57	-8.10E-01	4.23E-01	1.17E+00	U
WS	51	735512002	7/22/2025	Co-58	-6.37E-01	5.20E-01	1.41E+00	U
WS	51	735512002	7/22/2025	Co-60	5.17E-02	4.33E-01	1.27E+00	U
WS	51	735512002	7/22/2025	Cr-51	3.71E+00	4.90E+00	1.52E+01	U
WS	51	735512002	7/22/2025	Cs-134	6.99E-01	5.43E-01	1.75E+00	U
WS	51	735512002	7/22/2025	Cs-137	4.68E-01	4.76E-01	1.56E+00	U
WS	51	735512002	7/22/2025	Fe-59	-9.75E-01	1.15E+00	3.37E+00	U
WS	51	735512002	7/22/2025	I-131	-2.12E-01	1.13E+00	3.78E+00	U
WS	51	735512002	7/22/2025	K-40	3.01E+02	2.28E+01	1.52E+01	
WS	51	735512002	7/22/2025	La-140	-1.39E+00	1.03E+00	2.87E+00	U
WS	51	735512002	7/22/2025	Mn-54	-6.19E-02	4.38E-01	1.39E+00	U
WS	51	735512002	7/22/2025	Nb-95	9.21E-01	8.36E-01	1.54E+00	U
WS	51	735512002	7/22/2025	Pb-212	8.13E-01	1.95E+00	3.35E+00	U
WS	51	735512002	7/22/2025	Pb-214	2.05E+00	2.22E+00	3.45E+00	U
WS	51	735512002	7/22/2025	Ru-103	-5.54E-01	4.95E-01	1.52E+00	U
WS	51	735512002	7/22/2025	Ru-106	5.21E+00	4.01E+00	1.31E+01	U
WS	51	735512002	7/22/2025	Sb-124	-1.48E+00	1.11E+00	3.07E+00	U
WS	51	735512002	7/22/2025	Sb-125	-8.75E-01	1.09E+00	3.48E+00	U
WS	51	735512002	7/22/2025	Se-75	-6.25E-01	6.47E-01	1.90E+00	U
WS	51	735512002	7/22/2025	Th-228	8.13E-01	1.95E+00	3.35E+00	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	51	735512002	7/22/2025	Zn-65	-1.58E+00	1.01E+00	2.92E+00	U
WS	51	735512002	7/22/2025	Zr-95	5.15E-01	2.08E+00	2.43E+00	U
WS	51	740231002	8/21/2025	Ac-228	-1.55E+00	2.96E+00	7.29E+00	U
WS	51	740231002	8/21/2025	Ag-108m	4.88E-01	4.02E-01	1.36E+00	U
WS	51	740231002	8/21/2025	Ag-110m	8.24E-01	6.31E-01	2.03E+00	U
WS	51	740231002	8/21/2025	Ba-140	-3.47E-01	2.22E+00	7.40E+00	U
WS	51	740231002	8/21/2025	Be-7	1.02E+00	3.96E+00	1.35E+01	U
WS	51	740231002	8/21/2025	Bi-214	3.53E+00	2.86E+00	3.99E+00	U
WS	51	740231002	8/21/2025	Ce-141	-1.39E+00	9.38E-01	2.77E+00	U
WS	51	740231002	8/21/2025	Ce-144	6.00E+00	3.35E+00	1.05E+01	U
WS	51	740231002	8/21/2025	Co-57	1.22E-01	4.16E-01	1.38E+00	U
WS	51	740231002	8/21/2025	Co-58	-4.04E-01	4.96E-01	1.52E+00	U
WS	51	740231002	8/21/2025	Co-60	2.70E-01	5.04E-01	1.73E+00	U
WS	51	740231002	8/21/2025	Cr-51	-2.88E+00	4.60E+00	1.39E+01	U
WS	51	740231002	8/21/2025	Cs-134	8.27E-01	5.16E-01	1.70E+00	U
WS	51	740231002	8/21/2025	Cs-137	-3.32E-01	4.78E-01	1.51E+00	U
WS	51	740231002	8/21/2025	Fe-59	-4.99E-01	1.08E+00	3.30E+00	U
WS	51	740231002	8/21/2025	I-131	7.85E-02	7.73E-01	2.66E+00	U
WS	51	740231002	8/21/2025	K-40	3.47E+02	2.73E+01	1.64E+01	
WS	51	740231002	8/21/2025	La-140	4.10E-01	9.76E-01	2.93E+00	U
WS	51	740231002	8/21/2025	Mn-54	-4.54E-01	4.34E-01	1.28E+00	U
WS	51	740231002	8/21/2025	Nb-95	3.64E-01	4.94E-01	1.64E+00	U
WS	51	740231002	8/21/2025	Pb-212	1.19E+00	1.77E+00	2.82E+00	U
WS	51	740231002	8/21/2025	Pb-214	2.66E-01	2.04E+00	3.94E+00	U
WS	51	740231002	8/21/2025	Ru-103	-1.96E-01	4.82E-01	1.59E+00	U
WS	51	740231002	8/21/2025	Ru-106	-1.26E+00	3.52E+00	1.14E+01	U
WS	51	740231002	8/21/2025	Sb-124	6.89E-01	1.20E+00	4.08E+00	U
WS	51	740231002	8/21/2025	Sb-125	-1.71E+00	1.27E+00	3.90E+00	U
WS	51	740231002	8/21/2025	Se-75	6.29E-01	6.62E-01	2.11E+00	U
WS	51	740231002	8/21/2025	Th-228	1.19E+00	1.77E+00	2.82E+00	U
WS	51	740231002	8/21/2025	Zn-65	5.17E-01	1.02E+00	3.30E+00	U
WS	51	740231002	8/21/2025	Zr-95	-5.70E-01	8.66E-01	2.71E+00	U
WS	51	744480002	9/16/2025	Ac-228	-1.78E+00	3.72E+00	1.09E+01	U
WS	51	744480002	9/16/2025	Ag-108m	3.03E-01	5.52E-01	1.85E+00	U
WS	51	744480002	9/16/2025	Ag-110m	-9.90E-01	9.33E-01	2.85E+00	U
WS	51	744480002	9/16/2025	Ba-140	4.30E+00	3.63E+00	1.20E+01	U
WS	51	744480002	9/16/2025	Be-7	-6.40E+00	5.95E+00	1.79E+01	U
WS	51	744480002	9/16/2025	Bi-214	5.62E-01	2.27E+00	5.06E+00	U
WS	51	744480002	9/16/2025	Ce-141	-2.56E+00	1.70E+00	3.51E+00	U
WS	51	744480002	9/16/2025	Ce-144	-3.48E+00	4.08E+00	1.25E+01	U
WS	51	744480002	9/16/2025	Co-57	-3.42E-02	6.53E-01	1.70E+00	U
WS	51	744480002	9/16/2025	Co-58	-6.28E-01	6.24E-01	1.92E+00	U
WS	51	744480002	9/16/2025	Co-60	1.09E+00	7.25E-01	2.48E+00	U
WS	51	744480002	9/16/2025	Cr-51	4.53E+00	6.11E+00	2.08E+01	U
WS	51	744480002	9/16/2025	Cs-134	-1.55E-01	6.69E-01	2.23E+00	U
WS	51	744480002	9/16/2025	Cs-137	1.06E+00	6.97E-01	2.28E+00	U
WS	51	744480002	9/16/2025	Fe-59	2.02E+00	1.59E+00	5.39E+00	U
WS	51	744480002	9/16/2025	I-131	-2.70E-01	1.43E+00	4.72E+00	U
WS	51	744480002	9/16/2025	K-40	3.20E+02	2.79E+01	2.07E+01	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	51	744480002	9/16/2025	La-140	1.45E-02	1.33E+00	4.48E+00	U
WS	51	744480002	9/16/2025	Mn-54	-2.59E-01	6.19E-01	2.03E+00	U
WS	51	744480002	9/16/2025	Nb-95	1.28E+00	7.49E-01	2.53E+00	U
WS	51	744480002	9/16/2025	Pb-212	1.33E+00	2.53E+00	5.03E+00	U
WS	51	744480002	9/16/2025	Pb-214	1.57E+00	2.34E+00	5.42E+00	U
WS	51	744480002	9/16/2025	Ru-103	-6.61E-01	7.04E-01	2.14E+00	U
WS	51	744480002	9/16/2025	Ru-106	-1.86E+00	6.48E+00	2.05E+01	U
WS	51	744480002	9/16/2025	Sb-124	-4.13E+00	2.10E+00	5.16E+00	U
WS	51	744480002	9/16/2025	Sb-125	-5.70E-01	1.66E+00	5.37E+00	U
WS	51	744480002	9/16/2025	Se-75	1.92E+00	1.25E+00	2.92E+00	U
WS	51	744480002	9/16/2025	Th-228	1.33E+00	2.53E+00	5.03E+00	U
WS	51	744480002	9/16/2025	Zn-65	-5.11E-01	1.60E+00	5.15E+00	U
WS	51	744480002	9/16/2025	Zr-95	-1.16E+00	1.36E+00	4.36E+00	U
WS	51	749027002	9/16/2025	H-3	-8.90E+01	1.74E+02	5.87E+02	U
WS	51	750442002	10/22/2025	Ac-228	-3.06E+00	2.70E+00	4.91E+00	U
WS	51	750442002	10/22/2025	Ag-108m	-2.74E-02	2.35E-01	7.59E-01	U
WS	51	750442002	10/22/2025	Ag-110m	-1.25E-01	3.69E-01	1.24E+00	U
WS	51	750442002	10/22/2025	Ba-140	2.97E+00	2.49E+00	7.98E+00	U
WS	51	750442002	10/22/2025	Be-7	-7.57E-01	2.68E+00	8.54E+00	U
WS	51	750442002	10/22/2025	Bi-214	-2.48E+00	1.66E+00	2.56E+00	U
WS	51	750442002	10/22/2025	Ce-141	-1.72E+00	6.87E-01	1.83E+00	U
WS	51	750442002	10/22/2025	Ce-144	8.44E-01	1.85E+00	6.41E+00	U
WS	51	750442002	10/22/2025	Co-57	-9.19E-02	2.41E-01	8.31E-01	U
WS	51	750442002	10/22/2025	Co-58	7.01E-02	3.10E-01	1.07E+00	U
WS	51	750442002	10/22/2025	Co-60	-9.50E-02	3.09E-01	1.00E+00	U
WS	51	750442002	10/22/2025	Cr-51	-1.70E-02	3.20E+00	1.06E+01	U
WS	51	750442002	10/22/2025	Cs-134	2.83E-01	3.16E-01	1.09E+00	U
WS	51	750442002	10/22/2025	Cs-137	2.61E-01	2.97E-01	9.48E-01	U
WS	51	750442002	10/22/2025	Fe-59	-3.94E-02	6.82E-01	2.28E+00	U
WS	51	750442002	10/22/2025	I-131	-5.97E-01	1.08E+00	3.46E+00	U
WS	51	750442002	10/22/2025	K-40	3.33E+02	2.12E+01	9.97E+00	
WS	51	750442002	10/22/2025	La-140	-2.01E+00	9.92E-01	2.04E+00	U
WS	51	750442002	10/22/2025	Mn-54	-2.51E-01	2.70E-01	8.71E-01	U
WS	51	750442002	10/22/2025	Nb-95	-1.22E+00	6.87E-01	1.17E+00	U
WS	51	750442002	10/22/2025	Pb-212	1.07E-01	1.61E+00	1.68E+00	U
WS	51	750442002	10/22/2025	Pb-214	-2.91E-01	1.42E+00	2.46E+00	U
WS	51	750442002	10/22/2025	Ru-103	-2.94E-01	3.82E-01	1.08E+00	U
WS	51	750442002	10/22/2025	Ru-106	-1.42E+00	2.83E+00	8.72E+00	U
WS	51	750442002	10/22/2025	Sb-124	-9.27E-02	8.20E-01	2.64E+00	U
WS	51	750442002	10/22/2025	Sb-125	4.63E-01	7.94E-01	2.60E+00	U
WS	51	750442002	10/22/2025	Se-75	-1.39E-01	3.85E-01	1.28E+00	U
WS	51	750442002	10/22/2025	Th-228	1.07E-01	1.61E+00	1.68E+00	U
WS	51	750442002	10/22/2025	Zn-65	1.57E+00	7.76E-01	2.30E+00	U
WS	51	750442002	10/22/2025	Zr-95	3.63E-01	1.04E+00	1.84E+00	U
WS	51	755473002	11/20/2025	Ac-228	0.00E+00	4.36E+00	4.43E+00	U
WS	51	755473002	11/20/2025	Ag-108m	3.78E-02	3.52E-01	1.14E+00	U
WS	51	755473002	11/20/2025	Ag-110m	-7.55E-01	5.20E-01	1.58E+00	U
WS	51	755473002	11/20/2025	Ba-140	-3.52E+00	3.76E+00	1.13E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	51	755473002	11/20/2025	Be-7	1.31E+00	4.12E+00	1.33E+01	U
WS	51	755473002	11/20/2025	Bi-214	0.00E+00	2.15E+00	2.38E+00	U
WS	51	755473002	11/20/2025	Ce-141	-4.03E+00	1.90E+00	3.00E+00	U
WS	51	755473002	11/20/2025	Ce-144	3.13E+00	2.88E+00	9.70E+00	U
WS	51	755473002	11/20/2025	Co-57	1.80E-01	3.72E-01	1.28E+00	U
WS	51	755473002	11/20/2025	Co-58	2.02E-03	3.86E-01	1.32E+00	U
WS	51	755473002	11/20/2025	Co-60	-1.71E+00	8.65E-01	1.12E+00	U
WS	51	755473002	11/20/2025	Cr-51	6.93E+00	5.42E+00	1.74E+01	U
WS	51	755473002	11/20/2025	Cs-134	-2.32E-01	3.99E-01	1.33E+00	U
WS	51	755473002	11/20/2025	Cs-137	1.78E-01	4.12E-01	1.30E+00	U
WS	51	755473002	11/20/2025	Fe-59	1.38E+00	9.48E-01	3.15E+00	U
WS	51	755473002	11/20/2025	I-131	-3.23E+00	2.05E+00	5.97E+00	U
WS	51	755473002	11/20/2025	K-40	3.35E+02	2.69E+01	1.18E+01	
WS	51	755473002	11/20/2025	La-140	6.05E-01	1.16E+00	3.86E+00	U
WS	51	755473002	11/20/2025	Mn-54	1.96E-01	3.38E-01	1.17E+00	U
WS	51	755473002	11/20/2025	Nb-95	3.77E-03	4.47E-01	1.39E+00	U
WS	51	755473002	11/20/2025	Pb-212	1.79E-01	1.90E+00	3.19E+00	U
WS	51	755473002	11/20/2025	Pb-214	-8.25E+00	2.99E+00	3.39E+00	U
WS	51	755473002	11/20/2025	Ru-103	3.62E-01	5.27E-01	1.70E+00	U
WS	51	755473002	11/20/2025	Ru-106	2.29E+00	3.62E+00	1.15E+01	U
WS	51	755473002	11/20/2025	Sb-124	-2.11E+00	1.99E+00	3.19E+00	U
WS	51	755473002	11/20/2025	Sb-125	-5.64E-01	1.13E+00	3.29E+00	U
WS	51	755473002	11/20/2025	Se-75	6.25E-01	6.19E-01	2.03E+00	U
WS	51	755473002	11/20/2025	Th-228	1.79E-01	1.90E+00	3.19E+00	U
WS	51	755473002	11/20/2025	Zn-65	1.87E+00	9.15E-01	2.71E+00	U
WS	51	755473002	11/20/2025	Zr-95	5.87E-01	7.53E-01	2.60E+00	U
WS	51	758257002	12/17/2025	Ac-228	-6.31E+00	2.87E+00	5.45E+00	U
WS	51	758257002	12/17/2025	Ag-108m	-8.77E-02	2.82E-01	9.16E-01	U
WS	51	758257002	12/17/2025	Ag-110m	-2.09E-01	5.23E-01	1.60E+00	U
WS	51	758257002	12/17/2025	Ba-140	9.55E+00	4.06E+00	1.23E+01	U
WS	51	758257002	12/17/2025	Be-7	1.87E+00	3.36E+00	1.12E+01	U
WS	51	758257002	12/17/2025	Bi-214	-5.94E-01	1.44E+00	3.11E+00	U
WS	51	758257002	12/17/2025	Ce-141	2.86E-01	1.74E+00	2.45E+00	U
WS	51	758257002	12/17/2025	Ce-144	1.74E+00	2.24E+00	7.84E+00	U
WS	51	758257002	12/17/2025	Co-57	1.50E-01	3.48E-01	1.04E+00	U
WS	51	758257002	12/17/2025	Co-58	-2.97E-01	4.07E-01	1.22E+00	U
WS	51	758257002	12/17/2025	Co-60	-7.37E-02	3.72E-01	1.24E+00	U
WS	51	758257002	12/17/2025	Cr-51	-7.90E-01	4.24E+00	1.42E+01	U
WS	51	758257002	12/17/2025	Cs-134	3.43E-01	4.29E-01	1.38E+00	U
WS	51	758257002	12/17/2025	Cs-137	2.45E-01	3.49E-01	1.14E+00	U
WS	51	758257002	12/17/2025	Fe-59	-7.51E-01	9.39E-01	3.03E+00	U
WS	51	758257002	12/17/2025	I-131	-1.32E+00	1.91E+00	6.15E+00	U
WS	51	758257002	12/17/2025	K-40	3.55E+02	2.55E+01	1.25E+01	
WS	51	758257002	12/17/2025	La-140	-2.60E-01	1.18E+00	3.84E+00	U
WS	51	758257002	12/17/2025	Mn-54	-1.86E-01	3.45E-01	1.04E+00	U
WS	51	758257002	12/17/2025	Nb-95	-1.90E+00	8.74E-01	1.29E+00	U
WS	51	758257002	12/17/2025	Pb-212	1.73E+00	1.67E+00	2.83E+00	U
WS	51	758257002	12/17/2025	Pb-214	-1.31E+00	1.29E+00	2.76E+00	U
WS	51	758257002	12/17/2025	Ru-103	-2.21E-01	4.47E-01	1.43E+00	U
WS	51	758257002	12/17/2025	Ru-106	1.08E+00	3.12E+00	1.02E+01	U

Seabrook REMP Summary of 2025 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	51	758257002	12/17/2025	Sb-124	-1.11E+00	1.63E+00	3.16E+00	U
WS	51	758257002	12/17/2025	Sb-125	4.02E-01	8.85E-01	2.96E+00	U
WS	51	758257002	12/17/2025	Se-75	7.67E-01	4.92E-01	1.62E+00	U
WS	51	758257002	12/17/2025	Th-228	1.73E+00	1.67E+00	2.83E+00	U
WS	51	758257002	12/17/2025	Zn-65	5.84E-01	7.56E-01	2.62E+00	U
WS	51	758257002	12/17/2025	Zr-95	-2.78E-01	6.67E-01	2.06E+00	U
WS	51	762194002	12/17/2025	H-3	-1.02E+02	2.00E+02	6.75E+02	U

FLAGS

A blank Flag field indicates that the measured activity is considered positive as it is greater than the MDC and has no other qualifiers noted.

U: **Target isotope was analyzed for but not detected above the MDC and LLD.**
UI: **Uncertain identification for gamma spectroscopy.**
M: **Reported result is less than the LLD and greater than the MDC.**
DL: **Measured MDC is greater than the LLD.**