NEXTera ENERGY SEABROOK

April 23, 2015

Docket No. 50-443
SBK-L-15086

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555-0001

Seabrook Station
2014 Annual Radiological Environmental Operating Report

Pursuant to the requirements of 10 CFR 50.36a(a)(2) and Seabrook Station Technical Specification 6.8.1.3, NextEra Energy Seabrook, LLC submits the 2014 Annual Radiological Environmental Operating Report. The report summarizes the implementation of the NextEra Energy Seabrook, LLC Radiological Environmental Monitoring Program (REMP). Attachment 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 require further information regarding this matter, please contact David Robinson, Chemistry Department Manager, at (603) 773-7496.

Sincerely,

NextEra Energy Seabrook, LLC

Victoria Brown for
Michael Ossing
Licensing Manager

IE77
IE25
IRER

cc: with enclosure

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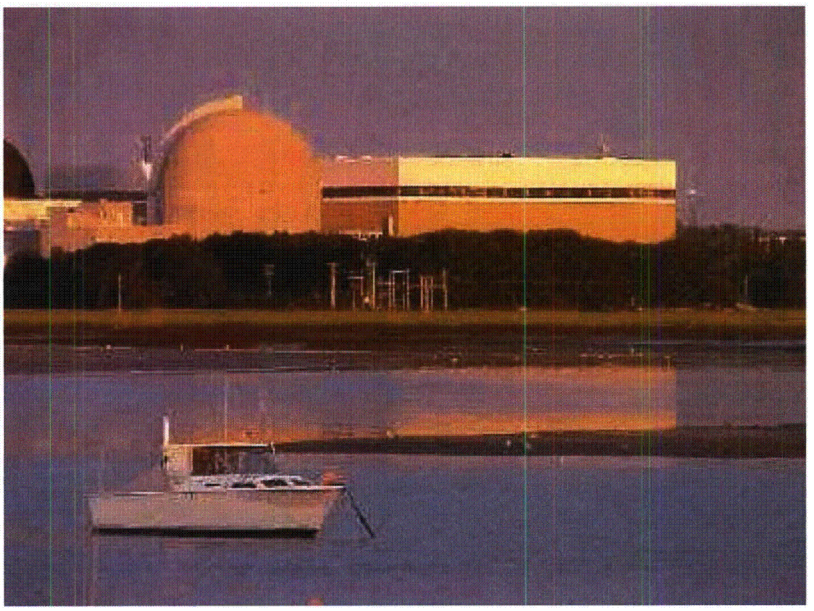
NEXTera ENERGY SEABROOK

2014 Annual Radiological Environmental Operating Report



April 2015

SEABROOK STATION

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

For the Period

January - December 2014

Docket No. 50-443

Prepared By:

NextEra Energy Seabrook, LLC
Chemistry Department
Seabrook Station

And

AREVA INC
Radiological and Environmental Group
Marlborough, Massachusetts 01752

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David Robinson, NextEra Energy Seabrook, LLC

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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 2014. 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, 2014 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 the 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 measureable 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 concentration. The ODCM minimum required plant operations REMP included the collection for 2014 of at least 576 samples, with a total of 2416 individual measurement analyses. In 2014, the total number of sample analysis sets (both required and non-required) equaled 831 taken from 100 locations around Seabrook Station. These were collected from aquatic, atmospheric, and terrestrial environments. An estimated 4949 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 2014 included an additional 25 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 2014, 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 2014, the maximum whole body dose to the hypothetically exposed individual due to Seabrook Station effluents and operations was estimated to be 0.063 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 0.25% 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 2014 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 significant radiation contribution from Seabrook Station sources was identified via TLD environmental measurements off-site during the course of 2014 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 leafy vegetation (including at a Control Station) and milk. Neither fish, shellfish nor terrestrial food products (strawberries, green beans, tomatoes and kale) had any detectable fission product related radioactivity. No radionuclides related to plant effluents were detected in any of these sample media during 2014. 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. There was, however, one instance where Iodine-131 was detected in a control area sea algae sample (28.6 km distance from the Station). An evaluation of the sample concluded that the low level of I-131 in the control sample of sea algae was not related to Seabrook due to the distance (water borne dilution), short half-life of the radionuclide, and lack of any indication that Seabrook had released any detectable I-131 in liquid releases during the years when it was observed in algae.

The results of the 2014 REMP continue to clearly demonstrate that there is no significant short term or chroni c long-
term radiological impact on the environment in the vicinity of Seabrook Station from plant operations and that t here 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 t he Japanese nuclear accident in March 2011, thereby demonstrating the sensitivity and capability of the REM P to detect low level radiological changes in the environment and the likely source. The REMP confirmed that plant effluents in 2014 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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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 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 2014. 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
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 s ampling locations in the site area.

Table 2.0-2

Plant Operations Radiological Environmental Monitoring Locations[a] [b]
2014

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-02	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]
2014

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]
2014

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-43	Rocks Road Landing[c]	S	0.3	ENE
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)

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

(b) Table reflects those locations included in the 2014 sample collection program.

(c) Location TL-
43 was discontinued in 2014 due to lack of public access to the boat landing ramp and safety concerns during field collections.

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

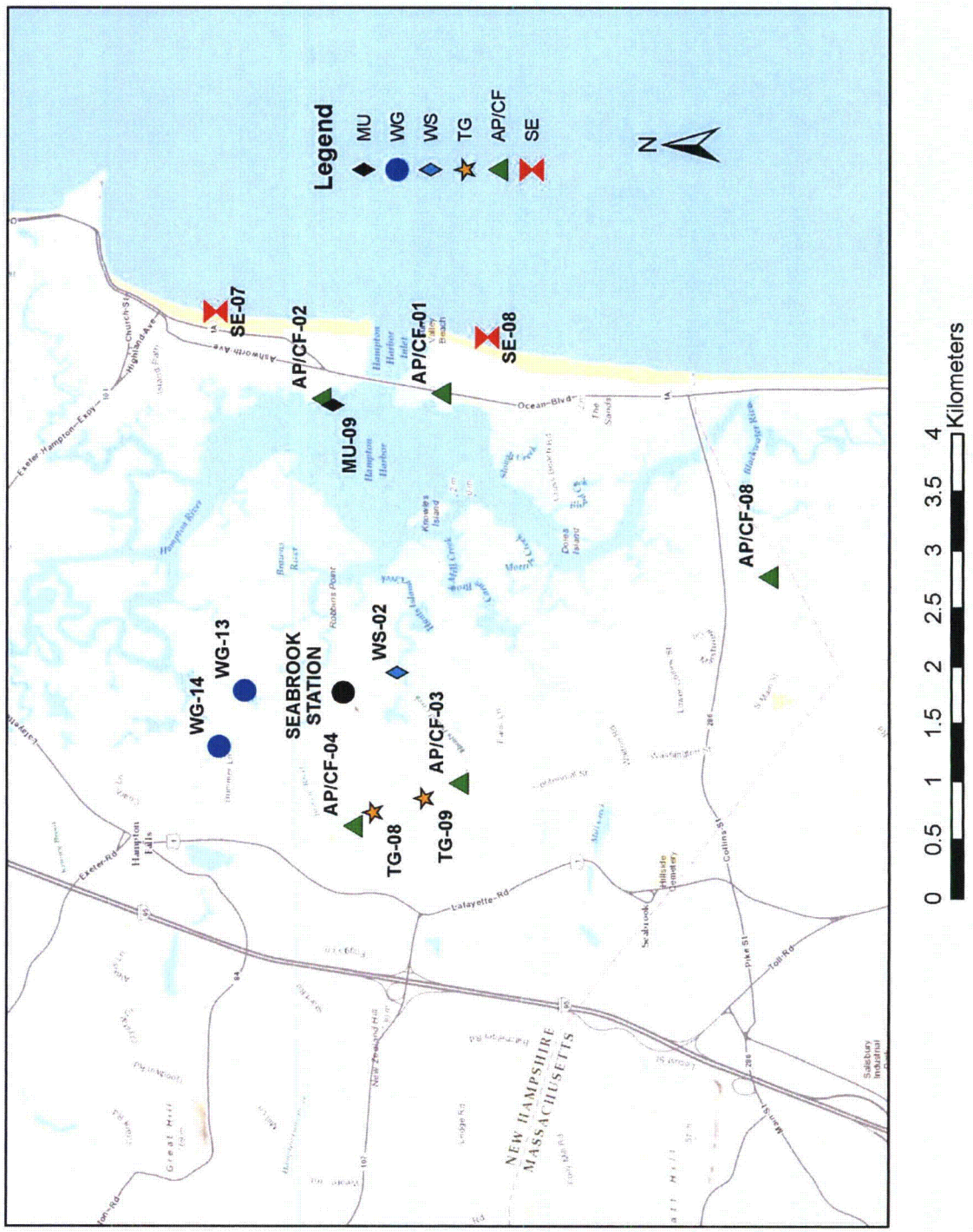


Figure 2.2 Radiological Environmental Monitoring Locations Between 4 & 12 Km of Seabrook Station

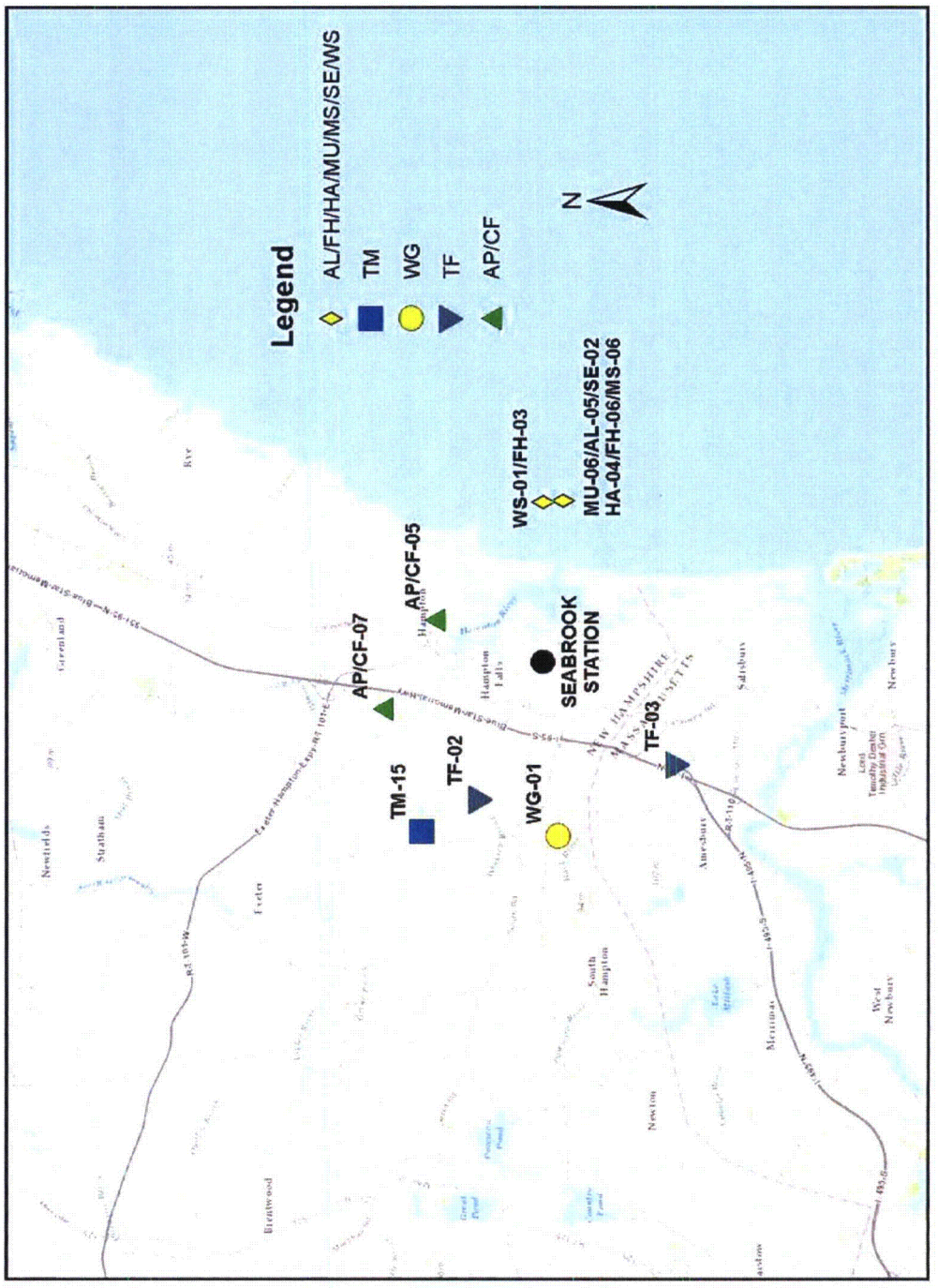


Figure 2.3 Radiological Environmental Monitoring Locations Outside 12 Km of Seabrook Station

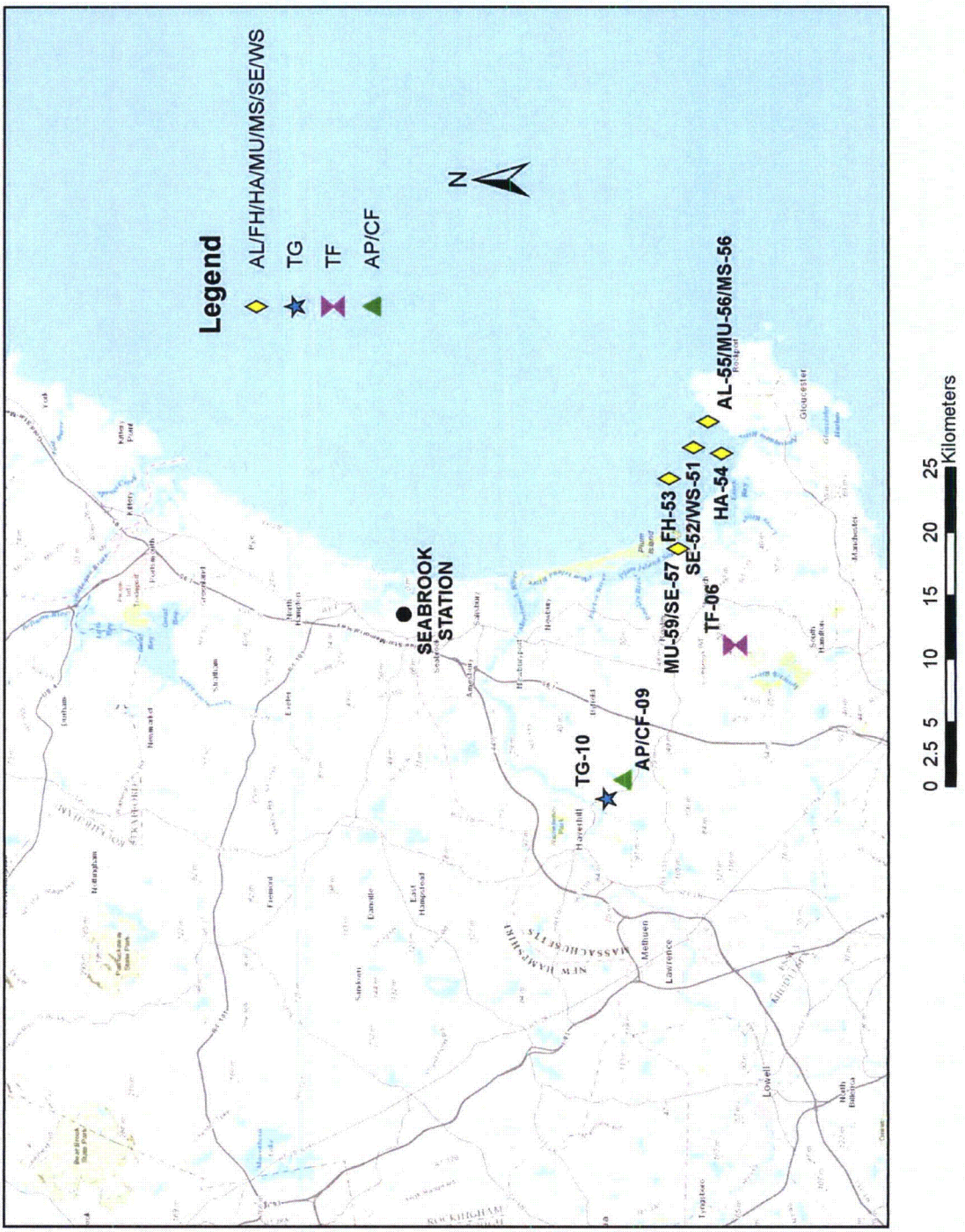
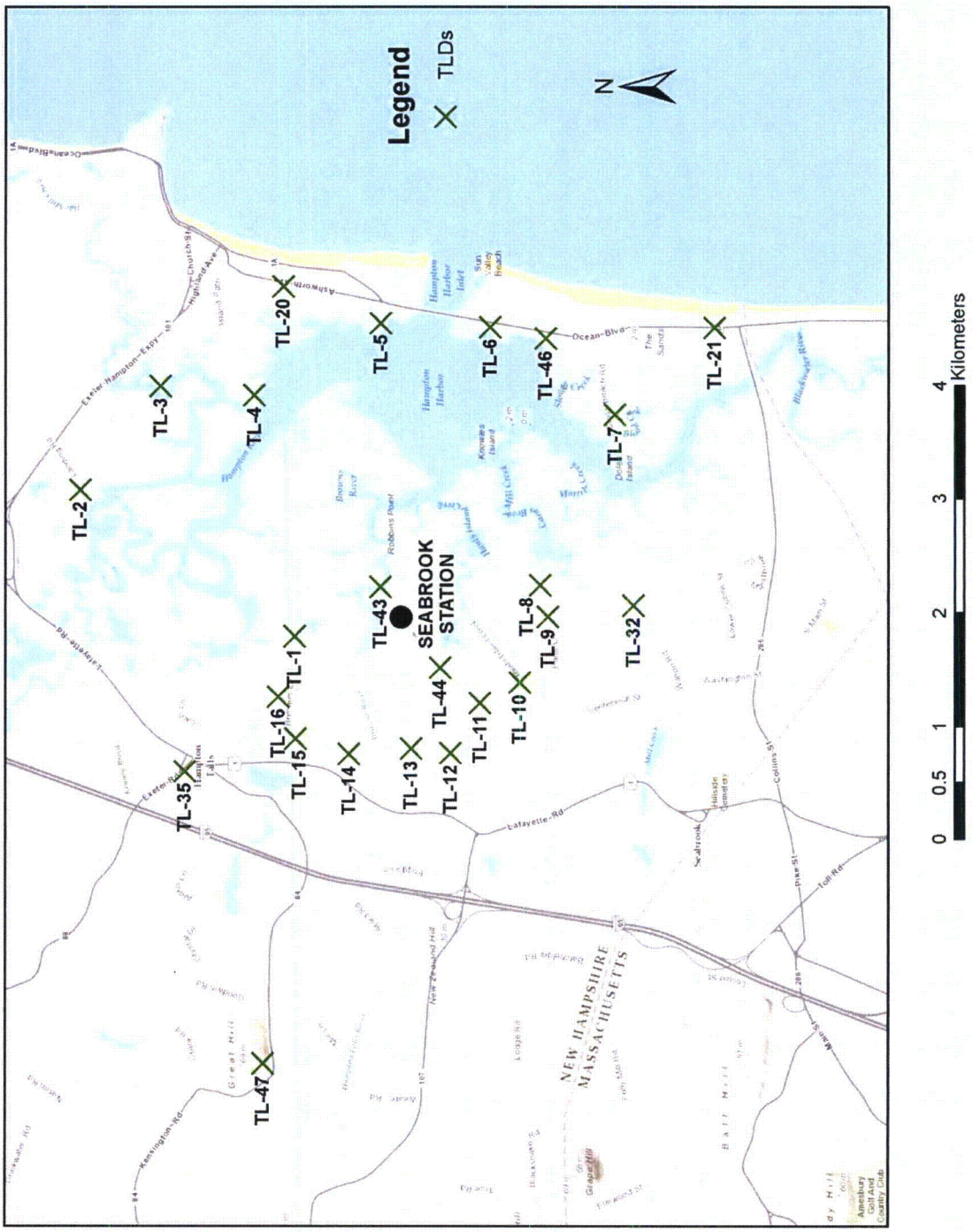


Figure 2.4 Direct Radiation Monitoring Locations Within 4 Km of Seabrook Station



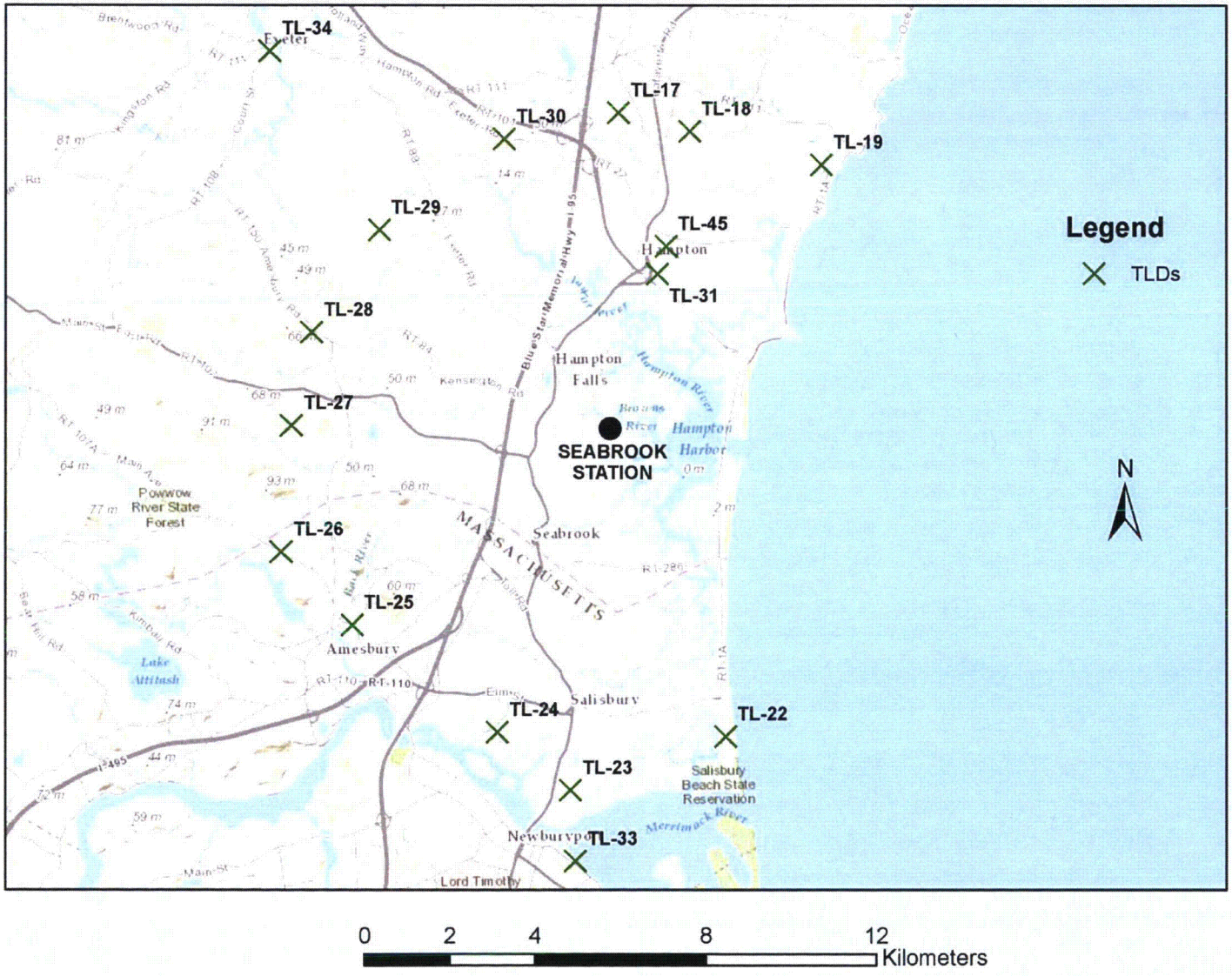
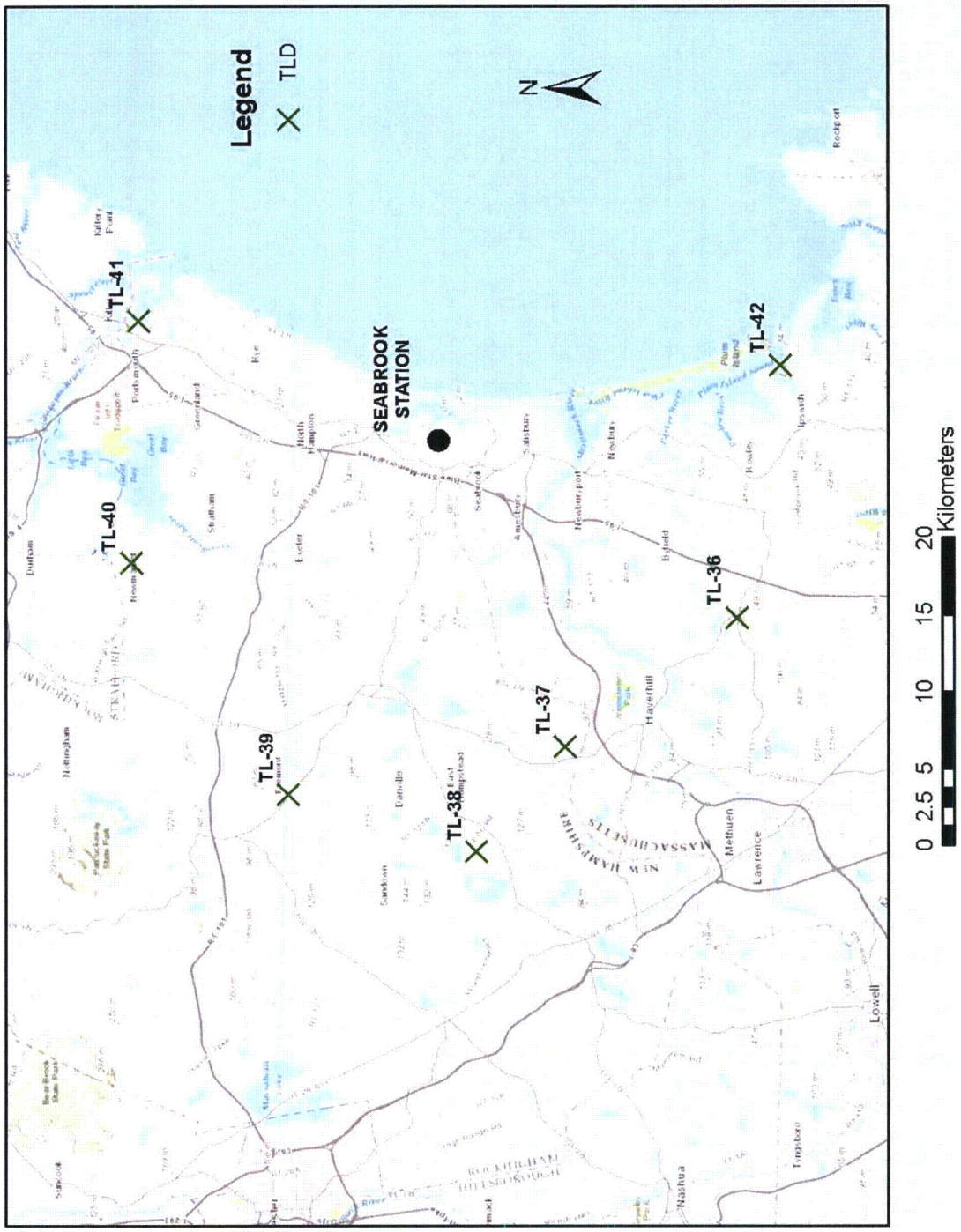


Figure 2.5 Direct Radiation Monitoring Locations Between 4 & 12 Km of Seabrook Station

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 2014. 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
- The number of positive measurements
  (a concentration which is greater than the MDC for the measurement) divided by the total num ber 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 2014. 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 2014, 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 2014. For the year, 208 particulate filters were collected and analyzed for gross beta activity.

The 2014 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 twenty-five 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 shows one measurement period increase in the gross-beta measurement at location AP-04 on the West Site Boundary compared to other measurements for the year. This single measurement increase might be related to the new housing development near the west site boundary which was clearing land and disturbing the soil during this time period. Figure 3.1.4 compares the quarterly average gross beta response of all indicator air sampling stations to the control location over the last 20 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 2014. 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, K-40 which was positive in one sample and Th-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.

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

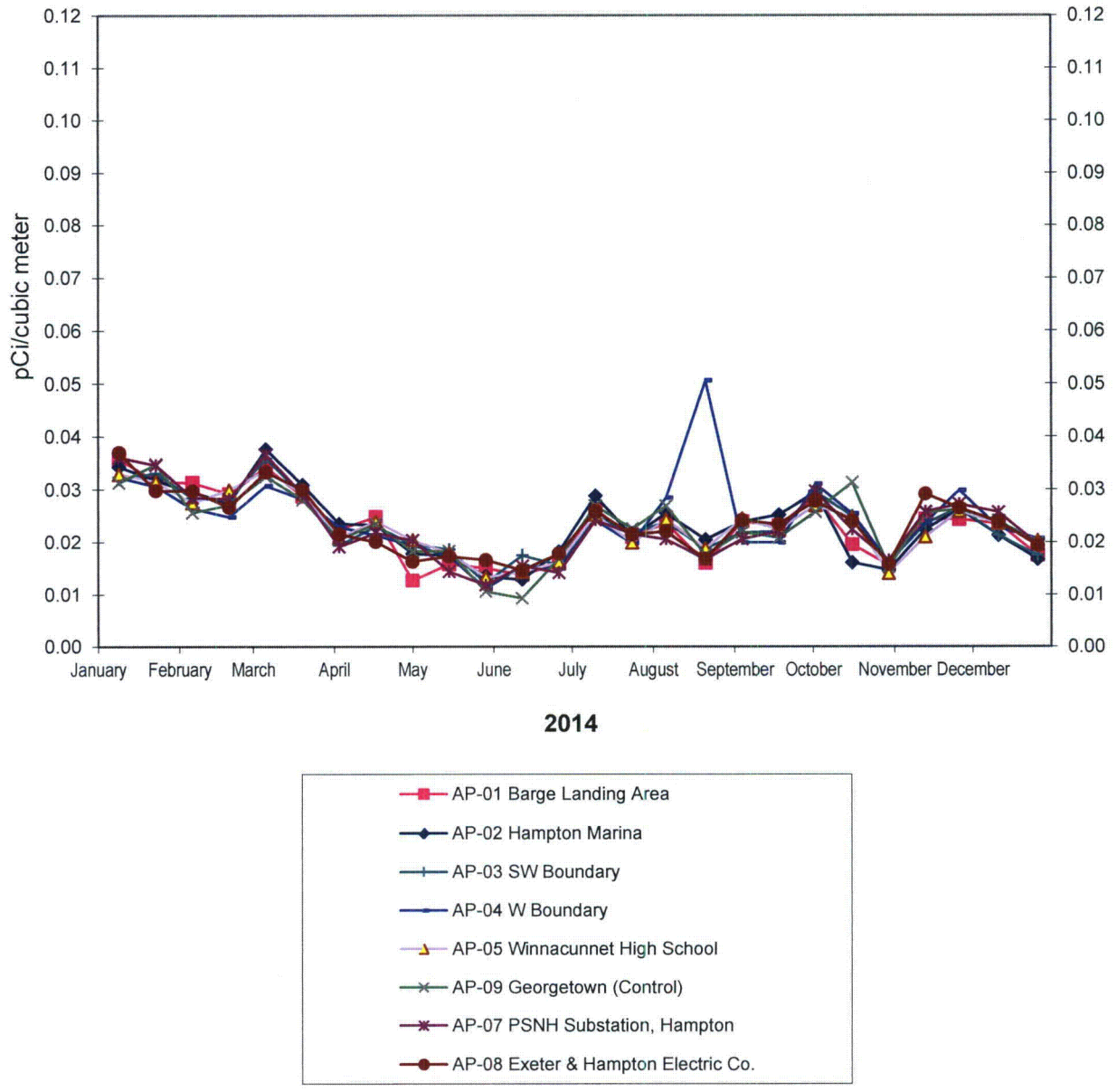


FIGURE 3.1.1

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

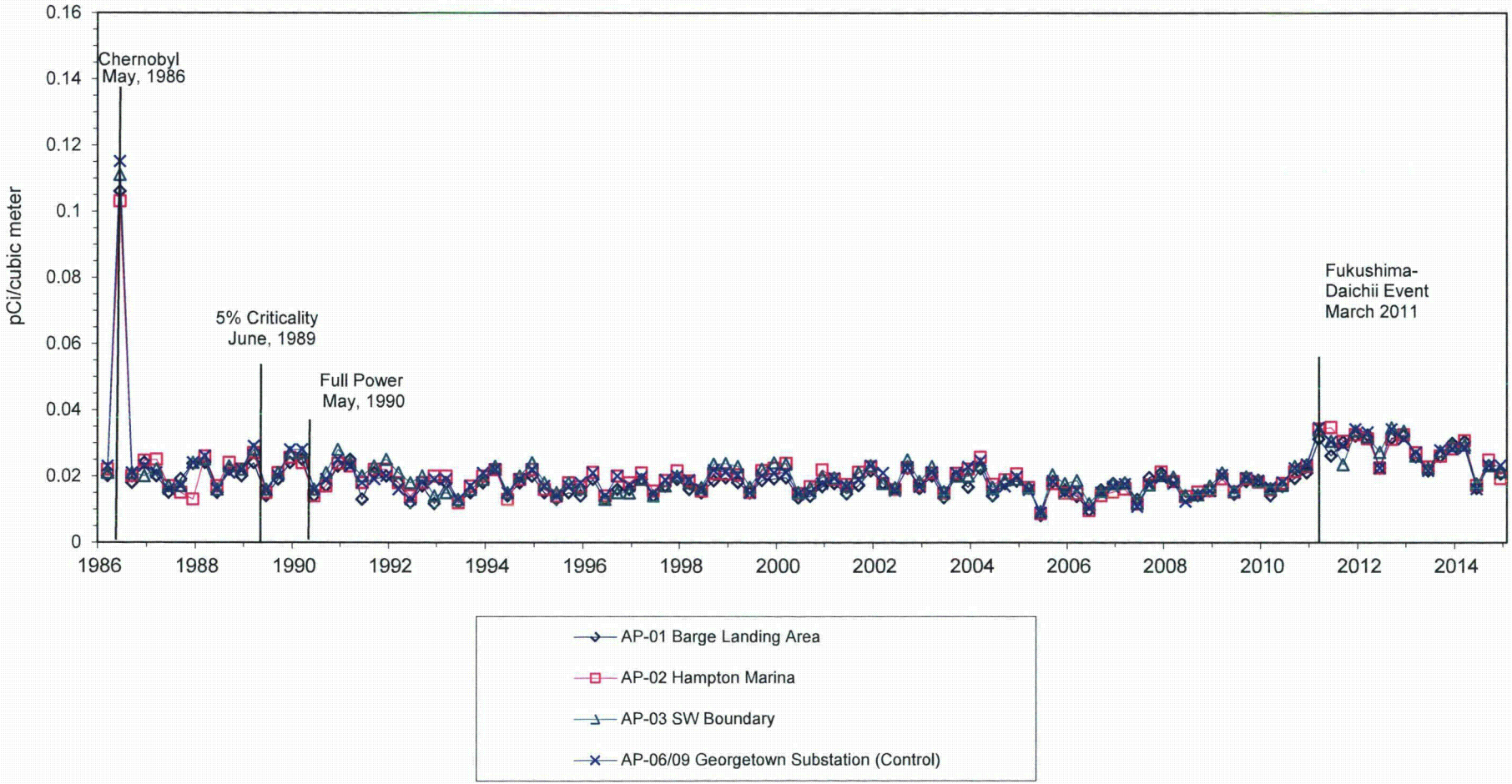


FIGURE 3.1.2

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

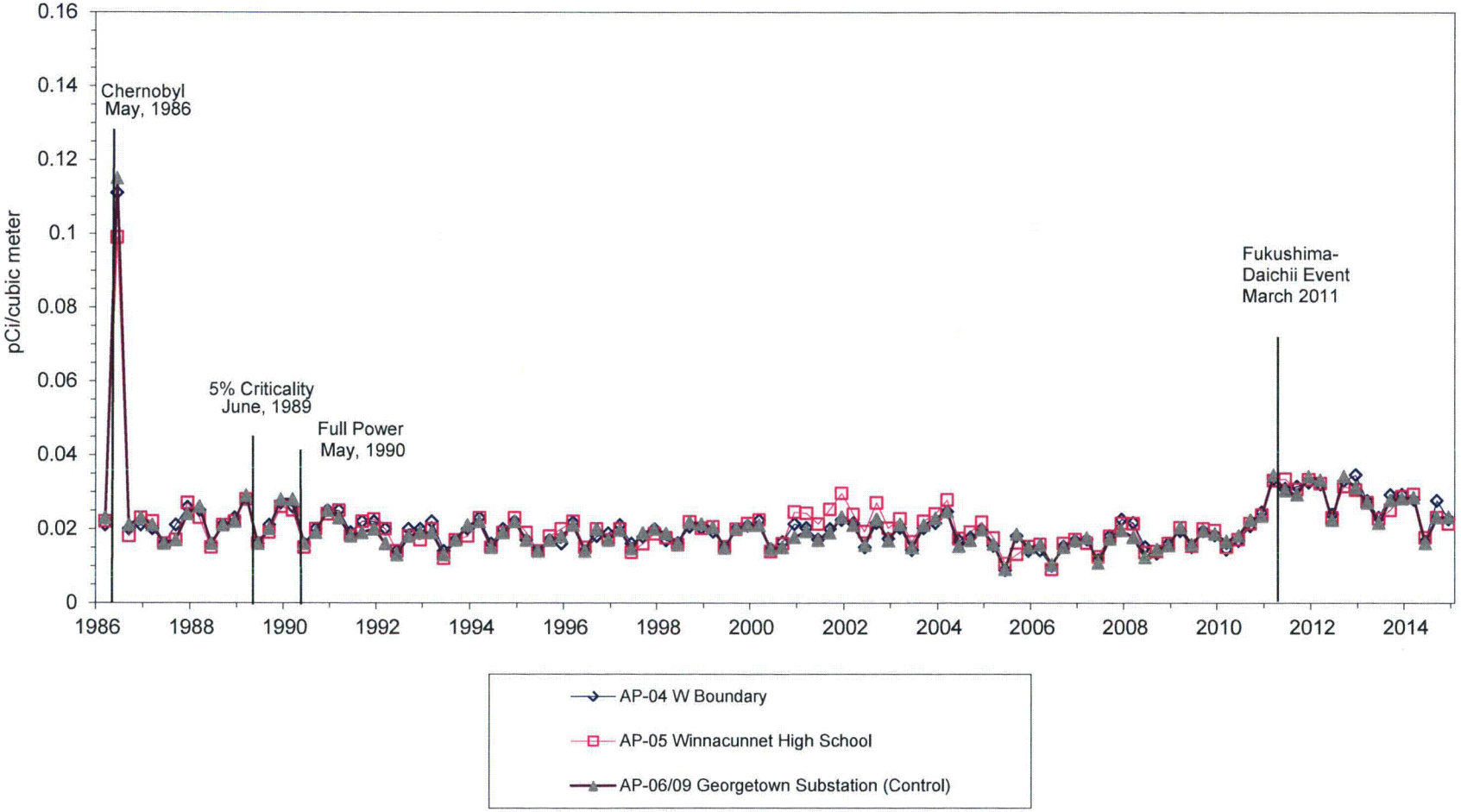


FIGURE 3.1.3

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

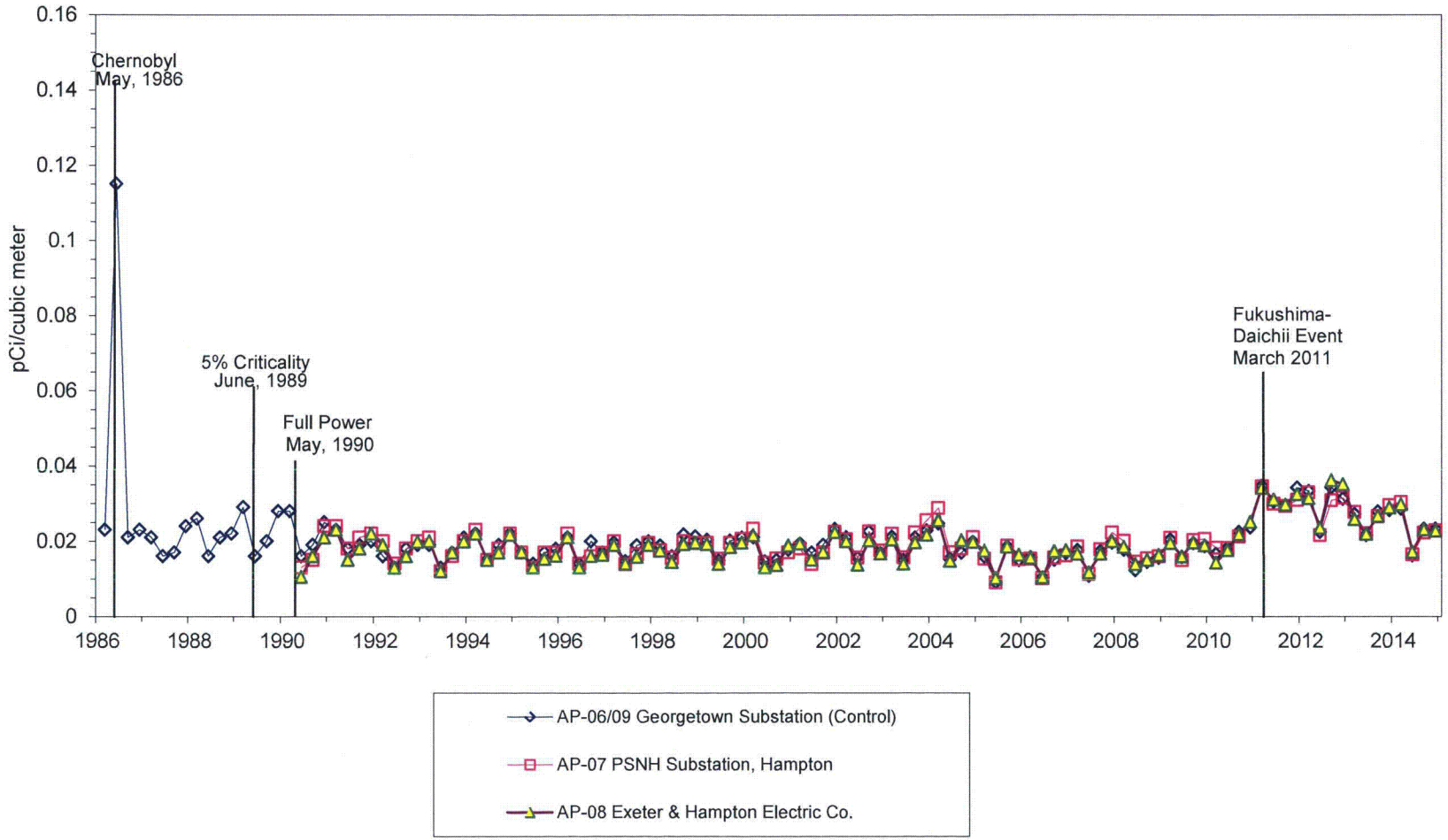


FIGURE 3.1.4

GROSS-BETA ON AIR PARTICULATE FILTERS
QUARTERLY AVERAGES
SEABROOK STATION

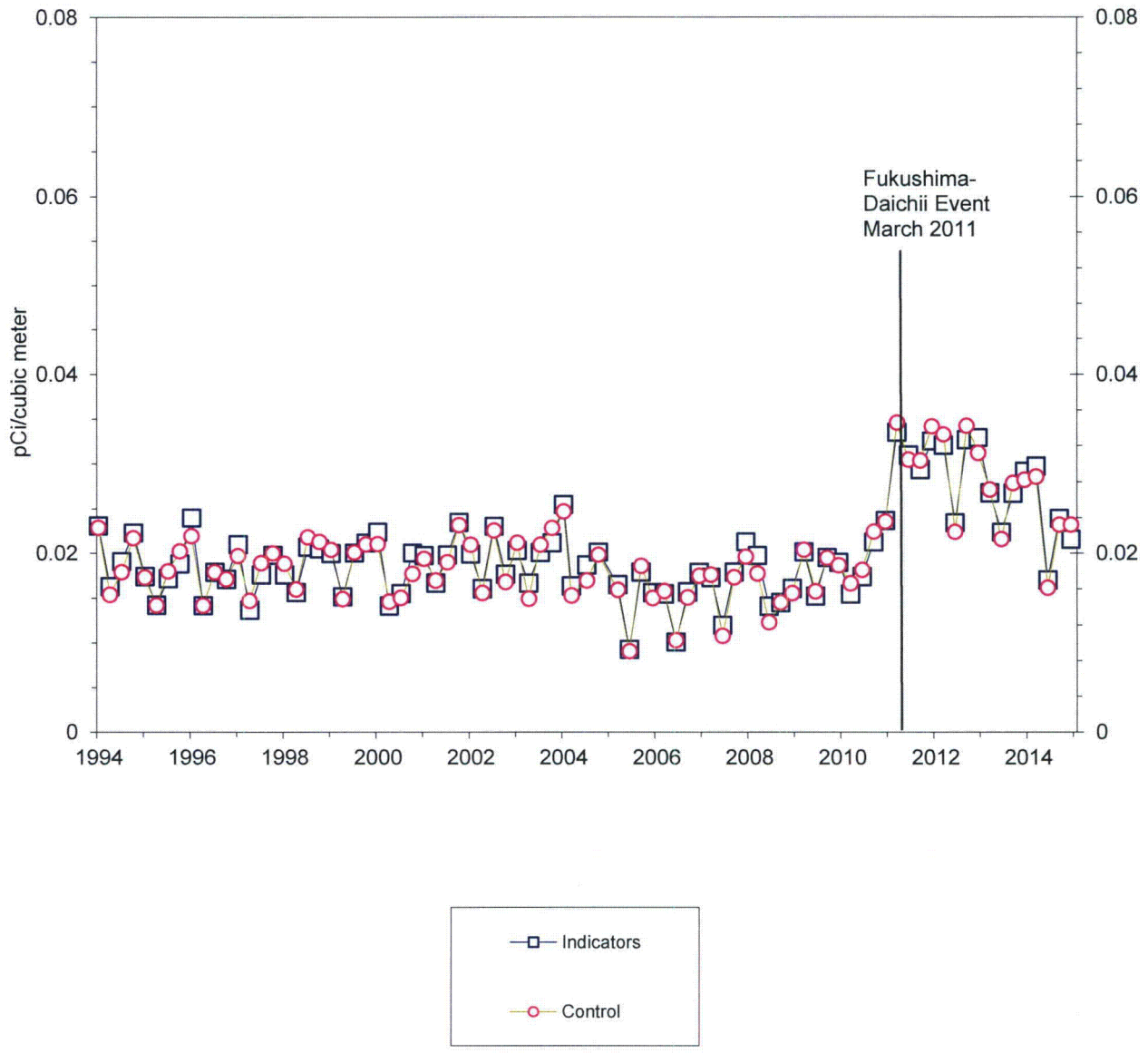


Table 3.1-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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 (208)	0.01	2.3E -2	04	2.4E -2	2.3E -2
(0)		(1.1 - 5.1)E -2 (182/ 182)		(1.1 - 5.1)E -2 (26/ 26)	(9.3 - 34.8)E -3 (26/ 26)
Be-7 (32)		9.9E -2	04	1.1E -1	9.3E -2
(0)		(5.6 - 14.1)E -2 (28/ 28)		(6.4 - 14.1)E -2 (4/ 4)	(6.6 - 12.0)E -2 (4/ 4)
K-40 (32)		1.6E -3	04	3.1E -3	1.4E -3
(0)		(-4.4 - 6.8)E -3 (1/ 28)		(-1.0 - 66.3)E -4 (0/ 4)	(-1.3 - 3.3)E -3 (0/ 4)
Cr-51 (32)		1.7E -3	02	1.2E -2	1.2E -3
(0)		(-2.7 - 4.1)E -2 (0/ 28)		(3.8 - 17.6)E -3 (0/ 4)	(-2.5 - 4.8)E -3 (0/ 4)
Mn-54 (32)		0.0E 0	02	1.7E -4	5.5E -5
(0)		(-4.0 - 3.9)E -4 (0/ 28)		(3.7 - 390.0)E -6 (0/ 4)	(1.0 - 14.0)E -5 (0/ 4)
Co-57 (32)		3.1E -5	08	9.7E -5	-2.0E -5
(0)		(-2.4 - 4.7)E -4 (0/ 28)		(-1.4 - 170.0)E -6 (0/ 4)	(-1.5 - 0.8)E -4 (0/ 4)
Co-58 (32)		1.0E -4	04	6.0E -4	-3.3E -5
(0)		(-6.0 - 17.1)E -4 (0/ 28)		(-4.2 - 17.1)E -4 (0/ 4)	(-3.6 - 3.9)E -4 (0/ 4)
Fe-59 (32)		7.8E -4	01	1.8E -3	7.2E -4
(0)		(-2.0 - 5.2)E -3 (0/ 28)		(-5.4 - 50.1)E -4 (0/ 4)	(-8.1 - 26.0)E -4 (0/ 4)
Co-60 (32)		0.0E 0	04	1.0E -4	-1.8E -4
(0)		(-3.4 - 4.1)E -4 (0/ 28)		(-2.7 - 4.1)E -4 (0/ 4)	(-5.9 - -0.1)E -4 (0/ 4)
Zn-65 (32)		-1.1E -4	09	3.6E -4	3.6E -4
(0)		(-1.1 - 1.1)E -3 (0/ 28)		(1.0 - 91.0)E -5 (0/ 4)	(1.0 - 91.0)E -5 (0/ 4)
Se-75 (32)		4.5E -5	04	2.8E -4	-5.5E -5
(0)		(-4.0 - 9.3)E -4 (0/ 28)		(-8.0 - 56.0)E -5 (0/ 4)	(-3.1 - 2.7)E -4 (0/ 4)
Nb-95 (32)		1.6E -5	07	2.7E -4	-3.5E -4
(0)		(-1.0 - 1.1)E -3 (0/ 28)		(3.0 - 87.0)E -5 (0/ 4)	(-6.8 - 0.6)E -4 (0/ 4)
Zr-95 (32)		-1.5E -4	07	8.1E -4	-1.7E -4
(0)		(-2.7 - 1.9)E -3 (0/ 28)		(-3.0 - 19.1)E -4 (0/ 4)	(-1.3 - 0.4)E -3 (0/ 4)
Ru-103 (32)		0.0E 0	03	3.1E -4	3.0E -4
(0)		(-1.6 - 1.2)E -3 (0/ 28)		(-2.4 - 11.6)E -4 (0/ 4)	(3.0 - 82.0)E -5 (0/ 4)
Ru-106 (32)		-3.6E -4	05	8.9E -4	5.1E -4
(0)		(-5.0 - 3.4)E -3 (0/ 28)		(2.3 - 20.9)E -4 (0/ 4)	(-1.3 - 1.4)E -3 (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.

Table 3.1-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Ag-108m (32) (0)		-6.5E -5 (-4.3 - 1.9)E -4 (0/ 28)	09	8.3E -5 (1.0 - 23.0)E -5 (0/ 4)	8.3E -5 (1.0 - 23.0)E -5 (0/ 4)
Ag-110m (32) (0)		1.4E -5 (-4.6 - 6.4)E -4 (0/ 28)	03	1.9E -4 (4.0 - 34.0)E -5 (0/ 4)	-2.6E -4 (-8.5 - 0.9)E -4 (0/ 4)
Sb-124 (32) (0)		3.1E -4 (-2.1 - 2.9)E -3 (0/ 28)	09	7.8E -4 (-2.3 - 16.5)E -4 (0/ 4)	7.8E -4 (-2.3 - 16.5)E -4 (0/ 4)
Sb-125 (32) (0)		3.3E -5 (-1.1 - 1.6)E -3 (0/ 28)	08	2.8E -4 (-3.8 - 11.5)E -4 (0/ 4)	-1.1E -4 (-6.8 - 2.9)E -4 (0/ 4)
I-131 (32) (0)		-2.6E -1 (-2.8 - 0.1)E 0 (0/ 28)	01	1.6E -2 (0.0 - 6.4)E -2 (0/ 4)	-9.8E -2 (-4.7 - 0.8)E -1 (0/ 4)
Cs-134 (32) (0)	0.05	6.1E -5 (-2.9 - 7.5)E -4 (0/ 28)	05	1.7E -4 (1.0 - 2.3)E -4 (0/ 4)	-2.0E -5 (-3.9 - 2.2)E -4 (0/ 4)
Cs-137 (32) (0)	0.06	-3.8E -5 (-4.7 - 1.9)E -4 (0/ 28)	04	5.8E -5 (-2.2 - 1.9)E -4 (0/ 4)	-5.5E -5 (-3.2 - 2.2)E -4 (0/ 4)
Ba-140 (32) (0)		-5.4E -3 (-1.4 - 1.5)E -1 (0/ 28)	07	2.4E -2 (-3.0 - 15.3)E -2 (0/ 4)	4.1E -3 (-2.6 - 6.7)E -2 (0/ 4)
La-140 (32) (0)		-7.5E -3 (-1.4 - 1.5)E -1 (0/ 28)	07	2.5E -2 (-3.0 - 15.3)E -2 (0/ 4)	9.9E -3 (-2.4 - 6.7)E -2 (0/ 4)
Ce-141 (32) (0)		-1.0E -4 (-2.1 - 3.0)E -3 (0/ 28)	02	1.1E -3 (-1.4 - 23.5)E -4 (0/ 4)	-1.3E -3 (-4.3 - 1.3)E -3 (0/ 4)
Ce-144 (32) (0)		3.4E -5 (-2.2 - 2.5)E -3 (0/ 28)	02	1.1E -3 (-4.9 - 25.0)E -4 (0/ 4)	6.2E -4 (-4.2 - 11.1)E -4 (0/ 4)
Ac-228 (32) (0)		4.9E -4 (-1.5 - 2.2)E -3 (0/ 28)	04	1.4E -3 (-2.4 - 22.1)E -4 (0/ 4)	5.3E -4 (-3.7 - 18.7)E -4 (0/ 4)
Th-228 (32) (0)		2.7E -4 (-3.7 - 8.5)E -4 (1/ 28)	03	5.9E -4 (3.9 - 8.5)E -4 (1/ 4)	4.2E -4 (2.9 - 6.1)E -4 (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.

3.2 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 2014, a total of 208 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 2014. Off-normal conditions, such as observed high differential pressure across the associated particulate filter (none detected in 2014) 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 2014 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 (2014) 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.

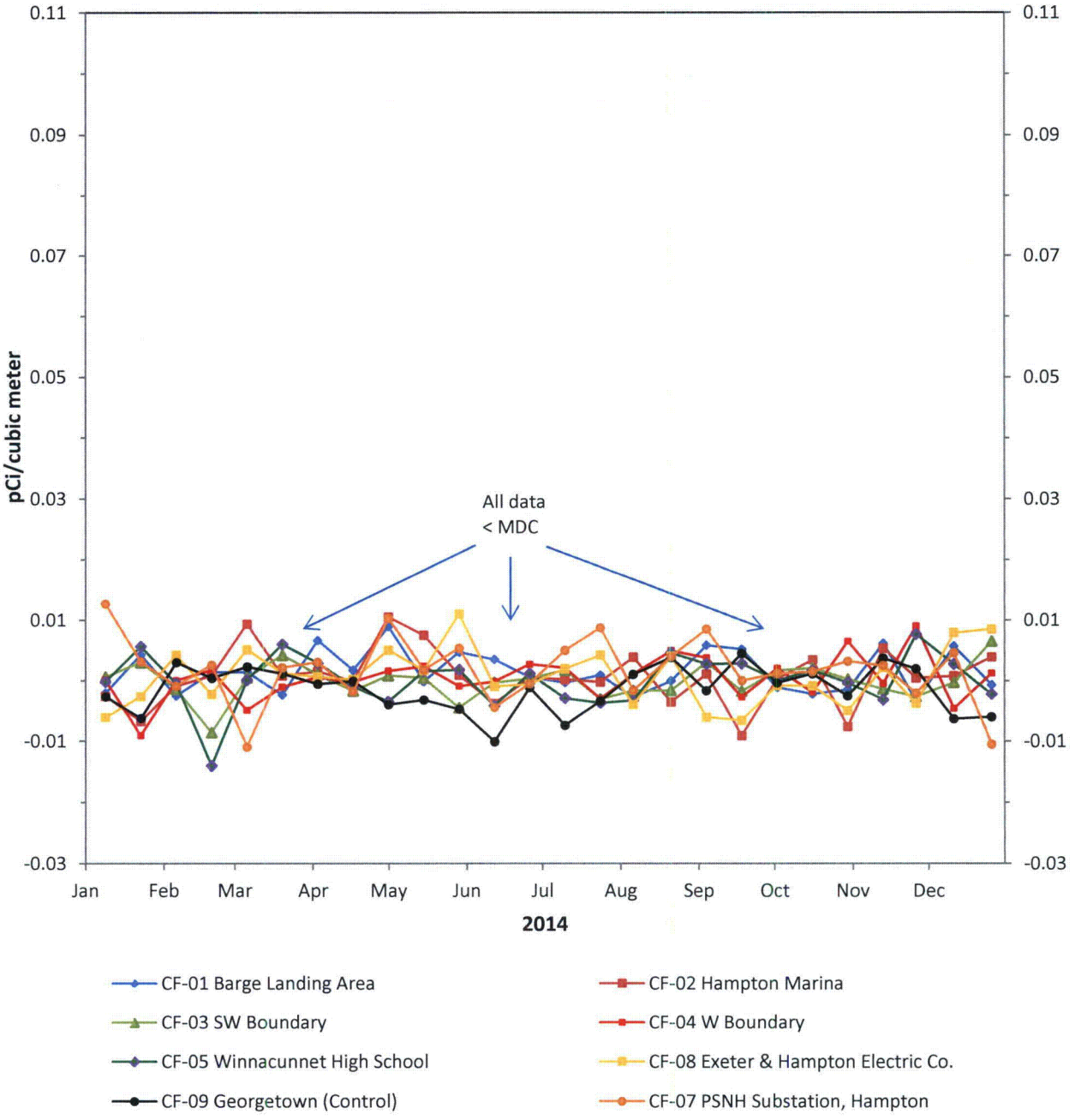
Table 3.2-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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 (208) (0)	0.07	6.8E -4 (-1.4 - 1.1)E -2 (0/ 182)	01	1.5E -3 (-3.3 - 8.9)E -3 (0/ 26)	-1.4E -3 (-1.0 - 0.5)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 distances 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 2014 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 [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 to the REMP requirements. As a result, two site boundary locations and one control vegetation location are sampled to compensate for the limited milk availability (see Section 3.12).

A total of 18 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 milk samples. Also detected in 5 milk samples was Cs-137 at an average concentration of 7.46 pCi/kg (positive measurements only) which falls in the range of past and pre-operational measurements. The highest single Cs-137 analysis result in 2014 was 9.24 pCi/kg. Though the Fukushima Daiichi event in March 2011 may have contributed to the Cs-137 levels observed in milk in 2014, Cs-137 has historically been detected at similar levels in milk before the nuclear accident in Japan. 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 (2014) and previous years.

Iodine-131 was not positively identified at any location for the year. This is consistent with previous years for both the pre-operational and operational phases of the program. The samples met the Lower Limit of Detection (LLD) requirements (1 pCi/kg) for I-131 in milk. 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

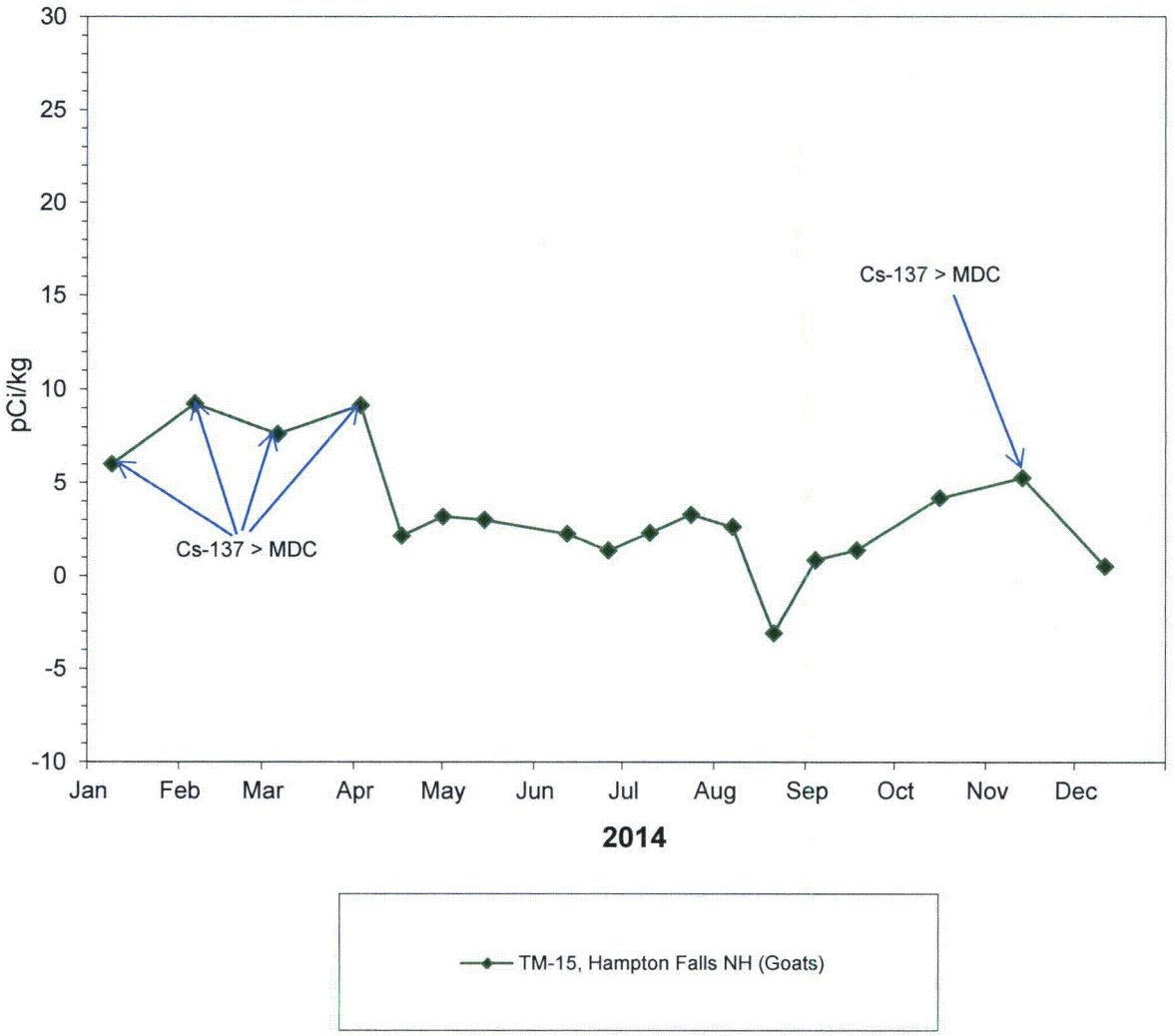


FIGURE 3.3.1

CESIUM-137 IN MILK
ANNUAL AVERAGE CONCENTRATIONS

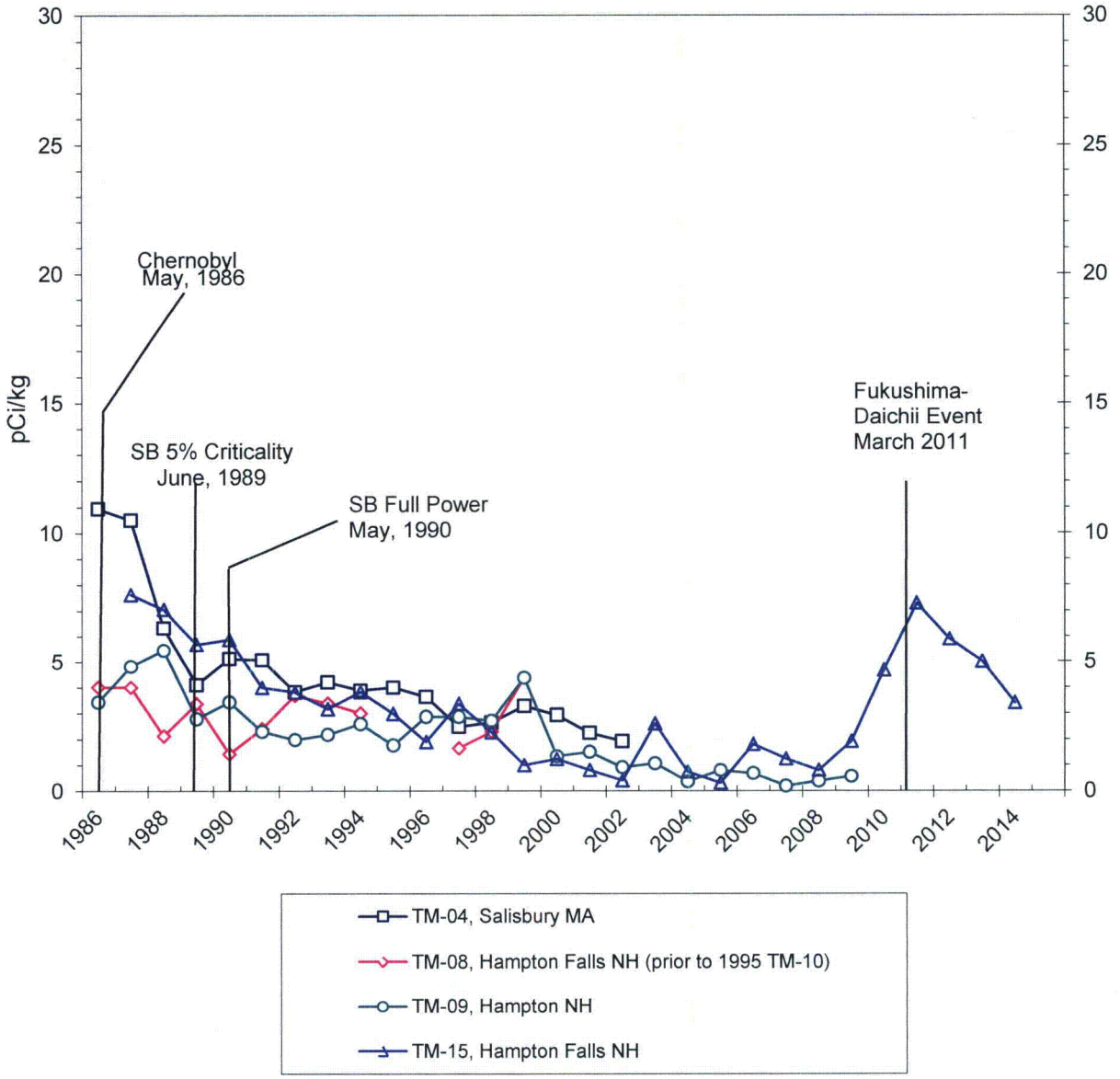


FIGURE 3.3.2

CESIUM-137 IN MILK
ANNUAL AVERAGE CONCENTRATIONS

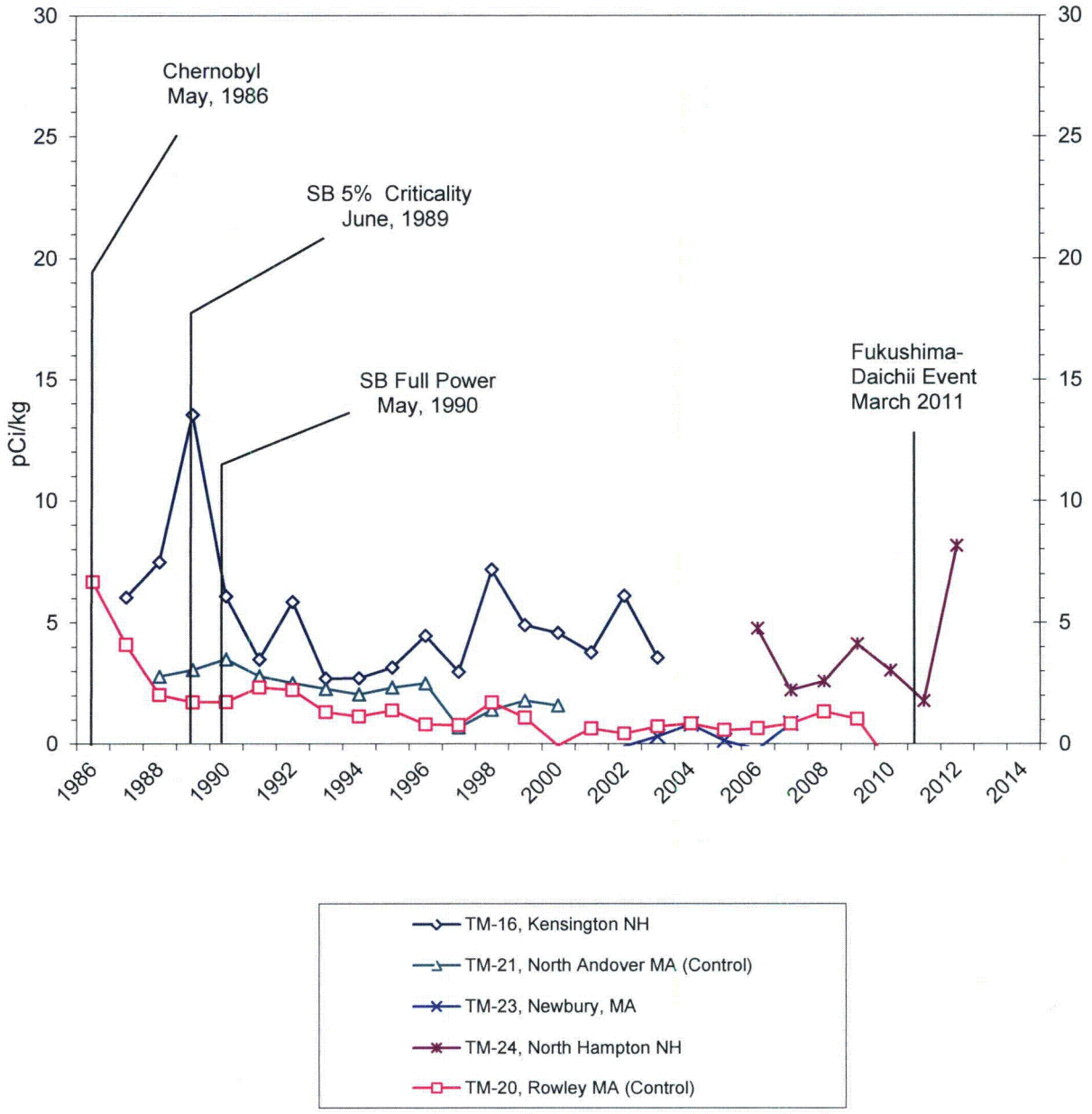


Table 3.3-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Be-7 (18) (0)		-1.9E -1 (-2.6 - 3.8)E 1 (0/ 18)	15	-1.9E -1 (-2.6 - 3.8)E 1 (0/ 18)	NO DATA
K-40 (18) (0)		1.6E 3 (1.3 - 2.0)E 3 (18/ 18)	15	1.6E 3 (1.3 - 2.0)E 3 (18/ 18)	NO DATA
Cr-51 (18) (0)		3.2E -1 (-1.4 - 1.9)E 1 (0/ 18)	15	3.2E -1 (-1.4 - 1.9)E 1 (0/ 18)	NO DATA
Mn-54 (18) (0)		2.7E -1 (-2.1 - 4.5)E 0 (0/ 18)	15	2.7E -1 (-2.1 - 4.5)E 0 (0/ 18)	NO DATA
Co-57 (18) (0)		7.8E -2 (-2.0 - 2.2)E 0 (0/ 18)	15	7.8E -2 (-2.0 - 2.2)E 0 (0/ 18)	NO DATA
Co-58 (18) (0)		6.0E -1 (-1.7 - 4.7)E 0 (0/ 18)	15	6.0E -1 (-1.7 - 4.7)E 0 (0/ 18)	NO DATA
Fe-59 (18) (0)		6.5E -1 (-5.5 - 5.3)E 0 (0/ 18)	15	6.5E -1 (-5.5 - 5.3)E 0 (0/ 18)	NO DATA
Co-60 (18) (0)		-2.0E -1 (-3.6 - 2.9)E 0 (0/ 18)	15	-2.0E -1 (-3.6 - 2.9)E 0 (0/ 18)	NO DATA
Zn-65 (18) (0)		-3.2E 0 (-8.1 - 2.0)E 0 (0/ 18)	15	-3.2E 0 (-8.1 - 2.0)E 0 (0/ 18)	NO DATA
Se-75 (18) (0)		8.8E -2 (-3.9 - 6.8)E 0 (0/ 18)	15	8.8E -2 (-3.9 - 6.8)E 0 (0/ 18)	NO DATA
Nb-95 (18) (0)		7.4E -1 (-2.1 - 2.5)E 0 (0/ 18)	15	7.4E -1 (-2.1 - 2.5)E 0 (0/ 18)	NO DATA
Zr-95 (18) (0)		7.3E -1 (-4.0 - 4.4)E 0 (0/ 18)	15	7.3E -1 (-4.0 - 4.4)E 0 (0/ 18)	NO DATA
Ru-103 (18) (0)		-1.3E -1 (-2.9 - 3.1)E 0 (0/ 18)	15	-1.3E -1 (-2.9 - 3.1)E 0 (0/ 18)	NO DATA
Ru-106 (18) (0)		1.1E -1 (-3.6 - 2.7)E 1 (0/ 18)	15	1.1E -1 (-3.6 - 2.7)E 1 (0/ 18)	NO DATA

* 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 3.3-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Ag-108m (18) (0)		4.2E -2 (-2.5 - 4.0)E 0 (0/ 18)	15	4.2E -2 (-2.5 - 4.0)E 0 (0/ 18)	NO DATA
Ag-110m (18) (0)		7.0E -1 (-1.6 - 2.6)E 0 (0/ 18)	15	7.0E -1 (-1.6 - 2.6)E 0 (0/ 18)	NO DATA
Sb-124 (18) (0)		-9.0E -1 (-5.6 - 3.7)E 0 (0/ 18)	15	-9.0E -1 (-5.6 - 3.7)E 0 (0/ 18)	NO DATA
Sb-125 (18) (0)		2.3E -1 (-6.3 - 10.0)E 0 (0/ 18)	15	2.3E -1 (-6.3 - 10.0)E 0 (0/ 18)	NO DATA
I-131 (18) (0)	1	-1.3E -3 (-2.9 - 2.5)E -1 (0/ 18)	15	-1.3E -3 (-2.9 - 2.5)E -1 (0/ 18)	NO DATA
Cs-134 (18) (0)	15	-5.1E -1 (-3.4 - 2.9)E 0 (0/ 18)	15	-5.1E -1 (-3.4 - 2.9)E 0 (0/ 18)	NO DATA
Cs-137 (18) (0)	18	3.4E 0 (-3.1 - 9.2)E 0 (5/ 18)	15	3.4E 0 (-3.1 - 9.2)E 0 (5/ 18)	NO DATA
Ba-140 (18) (0)	15	2.4E -1 (-4.8 - 4.9)E 0 (0/ 18)	15	2.4E -1 (-4.8 - 4.9)E 0 (0/ 18)	NO DATA
La-140 (18) (0)	15	2.4E -1 (-4.8 - 4.9)E 0 (0/ 18)	15	2.4E -1 (-4.8 - 4.9)E 0 (0/ 18)	NO DATA
Ce-141 (18) (0)		-8.1E -1 (-6.3 - 3.9)E 0 (0/ 18)	15	-8.1E -1 (-6.3 - 3.9)E 0 (0/ 18)	NO DATA
Ce-144 (18) (0)		1.1E 0 (-8.7 - 18.1)E 0 (0/ 18)	15	1.1E 0 (-8.7 - 18.1)E 0 (0/ 18)	NO DATA
Ac-228 (18) (0)		-1.6E -1 (-2.6 - 1.7)E 1 (0/ 18)	15	-1.6E -1 (-2.6 - 1.7)E 1 (0/ 18)	NO DATA
Th-228 (18) (0)		1.9E 0 (-3.0 - 8.2)E 0 (0/ 18)	15	1.9E 0 (-3.0 - 8.2)E 0 (0/ 18)	NO DATA

* 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-02) 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 2014, a total of 26 gamma analyses were performed on surface water samples. The only radionuclide detected was naturally-occurring K-40. 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 2014, plus two additional samples from the non-ODCM required location (WS-02) situated approximately 600 feet SSE from the Containment Building in Seabrook Marsh. The quarterly composites and WS-02 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 Minimum Detectable Concentration (MDC) for the quarterly off-shore composite samples averaged 360 pCi/kg, while the marsh area samples from WS-02 had an average MDC of 511 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 Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
H-3	(10)	3000	8.2E 1	02	1.3E 2	-9.5E -1
	(0)		(-2.1 - 4.7)E 2 (0/ 6)		(-2.1 - 4.7)E 2 (0/ 2)	(-1.3 - 1.0)E 2 (0/ 4)
Be-7	(26)		4.1E -2	02	9.6E 0	8.8E -1
	(0)		(-2.5 - 1.9)E 1 (0/ 14)		(9.6 - 9.6)E 0 (0/ 2)	(-2.4 - 2.5)E 1 (0/ 12)
K-40	(26)		3.0E 2	01	3.2E 2	2.9E 2
	(0)		(1.2 - 4.1)E 2 (4/ 14)		(2.9 - 4.1)E 2 (3/ 12)	(2.5 - 3.6)E 2 (3/ 12)
Cr-51	(26)		-1.5E 0	02	1.9E 0	-1.8E 0
	(0)		(-1.9 - 0.7)E 1 (0/ 14)		(-3.5 - 7.2)E 0 (0/ 2)	(-2.1 - 2.4)E 1 (0/ 12)
Mn-54	(26)	15	-6.8E -1	51	2.5E -1	2.5E -1
	(0)		(-2.4 - 1.6)E 0 (0/ 14)		(-2.3 - 3.6)E 0 (0/ 12)	(-2.3 - 3.6)E 0 (0/ 12)
Co-57	(26)		1.3E -1	01	2.0E -1	-3.8E -1
	(0)		(-1.8 - 2.1)E 0 (0/ 14)		(-1.8 - 2.1)E 0 (0/ 12)	(-3.2 - 1.6)E 0 (0/ 12)
Co-58	(26)	15	-3.5E -1	51	2.9E -1	2.9E -1
	(0)		(-2.4 - 1.6)E 0 (0/ 14)		(-7.0 - 18.7)E -1 (0/ 12)	(-7.0 - 18.7)E -1 (0/ 12)
Fe-59	(26)	30	7.7E -1	01	9.1E -1	8.1E -1
	(0)		(-3.8 - 6.2)E 0 (0/ 14)		(-3.8 - 6.2)E 0 (0/ 12)	(-4.0 - 4.8)E 0 (0/ 12)
Co-60	(26)	15	4.0E -1	01	4.1E -1	-4.0E -1
	(0)		(-1.6 - 3.3)E 0 (0/ 14)		(-1.6 - 3.3)E 0 (0/ 12)	(-3.4 - 1.0)E 0 (0/ 12)
Zn-65	(26)	30	-1.0E 0	02	2.1E 0	-1.3E 0
	(0)		(-4.3 - 4.4)E 0 (0/ 14)		(-1.0 - 43.7)E -1 (0/ 2)	(-6.0 - 3.8)E 0 (0/ 12)
Se-75	(26)		4.1E -1	01	4.1E -1	1.2E -1
	(0)		(-2.7 - 3.7)E 0 (0/ 14)		(-2.7 - 3.7)E 0 (0/ 12)	(-2.1 - 3.7)E 0 (0/ 12)
Nb-95	(26)	15	5.0E -1	01	5.3E -1	4.6E -1
	(0)		(-1.3 - 4.0)E 0 (0/ 14)		(-1.3 - 4.0)E 0 (0/ 12)	(-2.1 - 2.8)E 0 (0/ 12)
Zr-95	(26)	15	4.4E -1	01	6.2E -1	-7.7E -1
	(0)		(-2.4 - 3.0)E 0 (0/ 14)		(-1.8 - 3.0)E 0 (0/ 12)	(-3.1 - 2.6)E 0 (0/ 12)
Ru-103	(26)		-3.8E -1	51	-7.9E -2	-7.9E -2
	(0)		(-2.2 - 1.0)E 0 (0/ 14)		(-3.2 - 4.1)E 0 (0/ 12)	(-3.2 - 4.1)E 0 (0/ 12)
Ru-106	(26)		-2.4E 0	51	2.2E 0	2.2E 0
	(0)		(-1.8 - 2.2)E 1 (0/ 14)		(-2.4 - 2.0)E 1 (0/ 12)	(-2.4 - 2.0)E 1 (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.

Table 3.4-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Ag-108m (26) (0)		-7.0E -2 (-2.1 - 1.0)E 0 (0/ 14)	02	2.7E -1 (-1.9 - 7.3)E -1 (0/ 2)	3.9E -2 (-1.5 - 3.5)E 0 (0/ 12)
Ag-110m (26) (0)		-7.1E -1 (-2.9 - 0.8)E 0 (0/ 14)	51	-2.6E -2 (-4.0 - 2.5)E 0 (0/ 12)	-2.6E -2 (-4.0 - 2.5)E 0 (0/ 12)
Sb-124 (26) (0)		1.1E 0 (-2.6 - 6.9)E 0 (0/ 14)	01	1.4E 0 (-2.6 - 6.9)E 0 (0/ 12)	3.1E -1 (-3.5 - 3.5)E 0 (0/ 12)
Sb-125 (26) (0)		-1.3E -1 (-6.0 - 5.5)E 0 (0/ 14)	02	7.5E -1 (4.9 - 10.2)E -1 (0/ 2)	5.6E -1 (-3.8 - 5.3)E 0 (0/ 12)
I-131 (26) (0)	15	-2.5E -1 (-4.8 - 2.9)E 0 (0/ 14)	51	1.6E 0 (-2.7 - 6.0)E 0 (0/ 12)	1.6E 0 (-2.7 - 6.0)E 0 (0/ 12)
Cs-134 (26) (0)	15	6.2E -1 (-1.7 - 3.5)E 0 (0/ 14)	01	6.2E -1 (-1.7 - 3.5)E 0 (0/ 12)	2.1E -1 (-2.5 - 2.6)E 0 (0/ 12)
Cs-137 (26) (0)	18	1.6E -1 (-1.8 - 3.1)E 0 (0/ 14)	01	3.0E -1 (-1.8 - 3.1)E 0 (0/ 12)	-1.1E -1 (-2.3 - 1.9)E 0 (0/ 12)
Ba-140 (26) (0)	15	4.6E -1 (-1.9 - 2.9)E 0 (0/ 14)	01	6.2E -1 (-1.9 - 2.9)E 0 (0/ 12)	3.0E -2 (-3.2 - 2.9)E 0 (0/ 12)
La-140 (26) (0)	15	4.6E -1 (-1.9 - 2.9)E 0 (0/ 14)	01	6.2E -1 (-1.9 - 2.9)E 0 (0/ 12)	3.0E -2 (-3.2 - 2.9)E 0 (0/ 1
Ce-141 (26) (0)		-9.0E -1 (-7.0 - 3.4)E 0 (0/ 14)	51	9.0E -1 (-3.4 - 4.6)E 0 (0/ 12)	9.0E -1 (-3.4 - 4.6)E 0 (0/ 12)
Ce-144 (26) (0)		1.1E 0 (-1.7 - 1.0)E 1 (0/ 14)	02	3.3E 0 (-1.3 - 7.9)E 0 (0/ 2)	-4.3E 0 (-2.2 - 0.4)E 1 (0/ 12)
Pb-212 (26) (0)		1.3E 0 (-3.0 - 5.5)E 0 (0/ 14)	01	1.5E 0 (-3.0 - 5.5)E 0 (0/ 12)	8.3E -1 (-4.7 - 3.8)E 0 (0/ 12)
Pb-214 (26) (0)		1.8E 0 (-2.9 - 6.2)E 0 (0/ 14)	51	2.8E 0 (-2.8 - 12.6)E 0 (0/ 12)	2.8E 0 (-2.8 - 12.6)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

Table 3.4-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Bi-214	(26)		5.3E 0	01	5.9E 0	3.1E 0
	(0)		(-2.7 - 17.9)E 0		(-8.9 - 179.0)E -1	(-3.4 - 14.2)E 0
			(0/ 14)		(0/ 12)	(0/ 12)
Ac-228	(26)		-2.6E 0	51	4.1E -2	4.1E -2
	(0)		(-1.5 - 0.7)E 1		(-1.2 - 1.3)E 1	(-1.2 - 1.3)E 1
			(0/ 14)		(0/ 12)	(0/ 12)
Th-228	(26)		1.3E 0	01	1.5E 0	8.3E -1
	(0)		(-3.0 - 5.5)E 0		(-3.0 - 5.5)E 0	(-4.7 - 3.8)E 0
			(0/ 14)		(0/ 12)	(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 2014, 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 one 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 (2014) 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 K-40 was detected in 1 of 12 samples and naturally-occurring Pb-212 and Th-228 were detected in 2 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 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

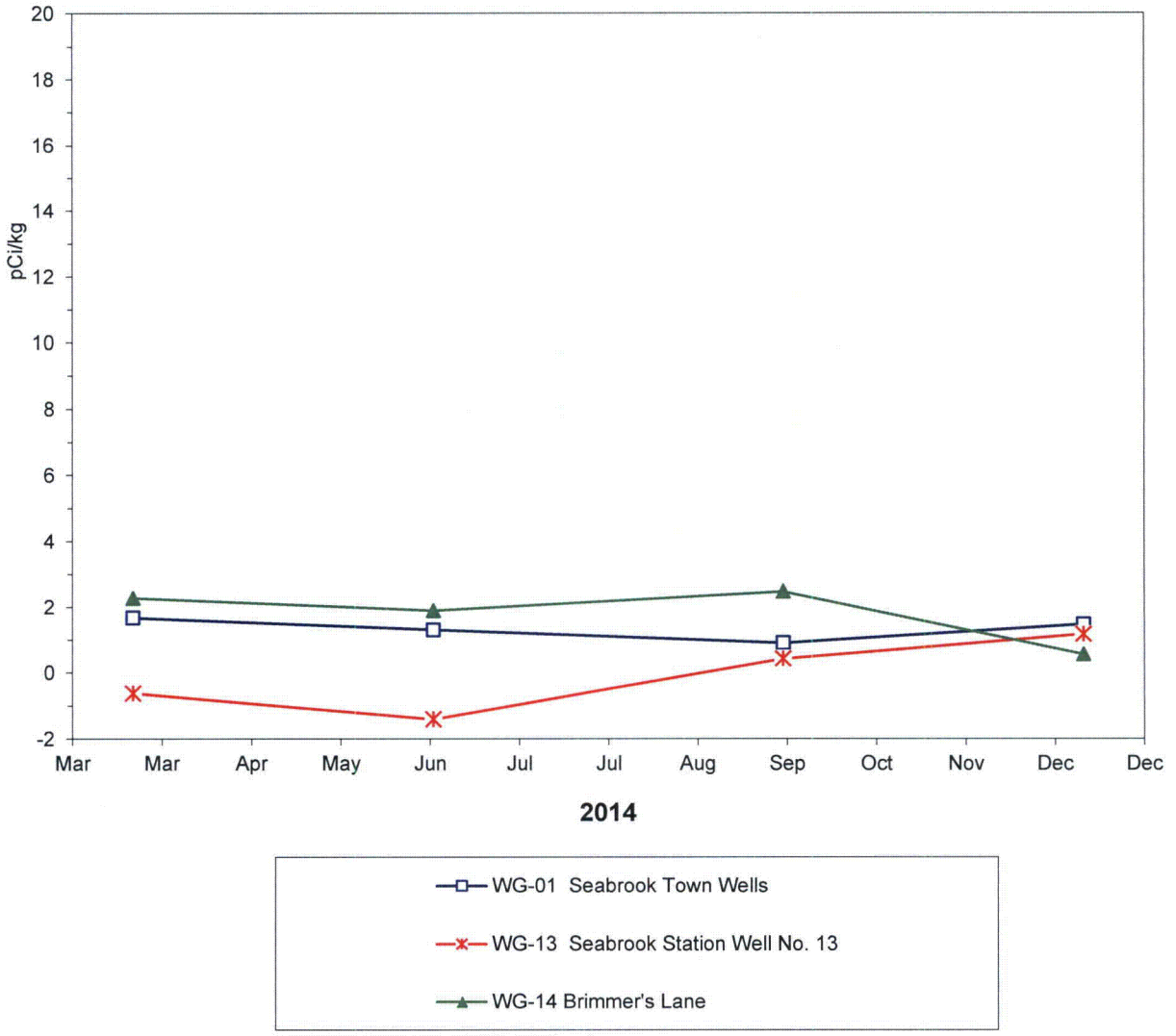


FIGURE 3.5.1

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

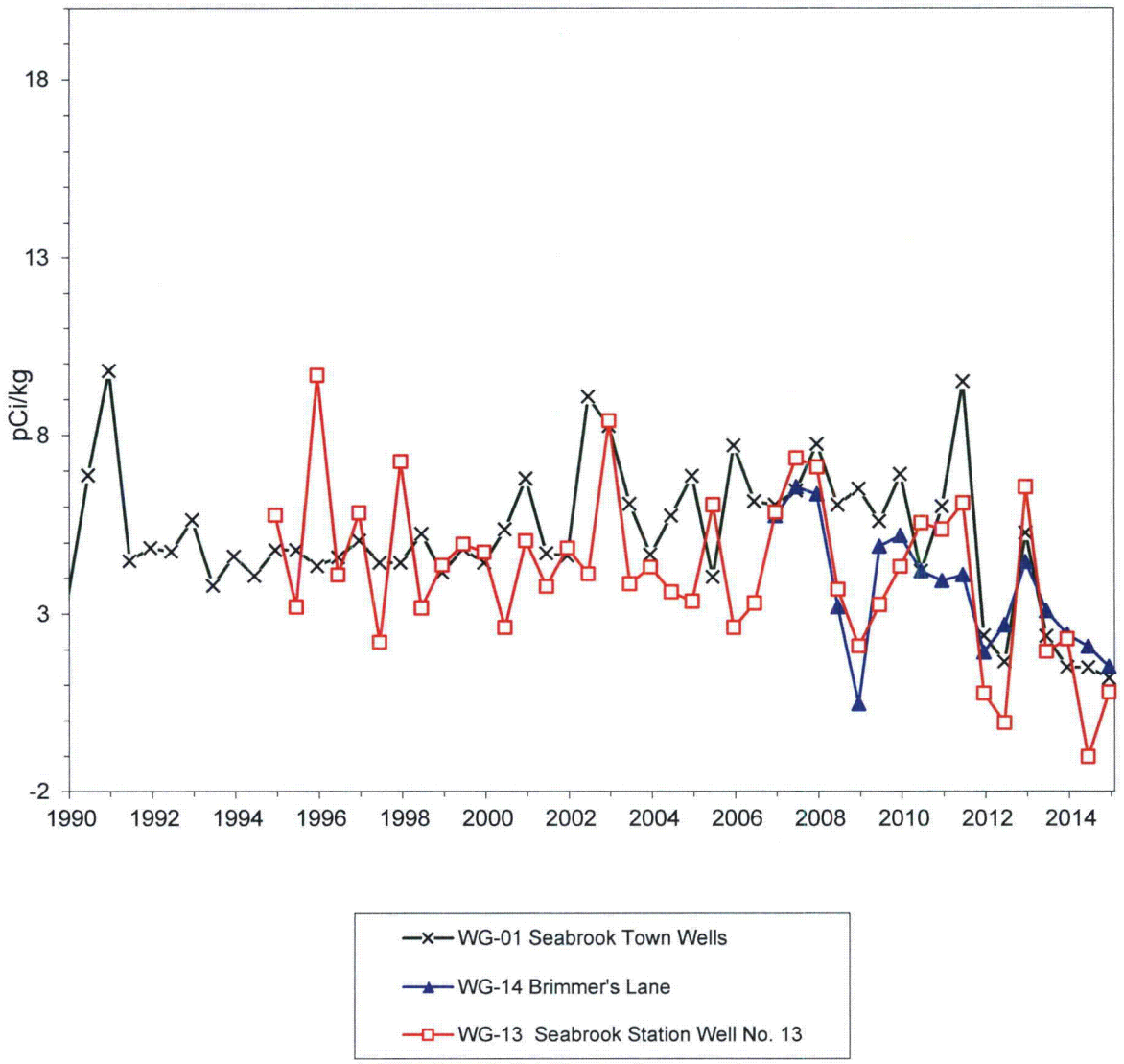


Table 3.5-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
BETA	(12) (0)	4	1.0E 0 (-1.4 - 2.5)E 0 (1/ 12)	14	1.8E 0 (5.6 - 24.8)E -1 (1/ 4)	NO DATA
H-3	(12) (0)	3000	-9.6E 0 (-1.9 - 0.6)E 2 (0/ 12)	01	3.6E 1 (2.1 - 5.5)E 1 (0/ 4)	NO DATA
Be-7	(12) (0)		-1.9E 0 (-9.5 - 4.0)E 0 (0/ 12)	13	1.0E 0 (-3.8 - 2.9)E 0 (0/ 4)	NO DATA
K-40	(12) (0)		2.4E 0 (-1.1 - 2.5)E 1 (1/ 12)	01	7.4E 0 (-6.8 - 25.0)E 0 (1/ 4)	NO DATA
Cr-51	(12) (0)		-2.9E 0 (-1.4 - 0.7)E 1 (0/ 12)	01	-7.7E -1 (-8.9 - 6.7)E 0 (0/ 4)	NO DATA
Mn-54	(12) (0)	15	-4.0E -1 (-1.6 - 0.5)E 0 (0/ 12)	13	-2.4E -1 (-4.5 - 0.9)E -1 (0/ 4)	NO DATA
Co-57	(12) (0)		-2.1E -3 (-3.9 - 1.3)E 0 (0/ 12)	13	5.5E -1 (2.6 - 103.0)E -2 (0/ 4)	NO DATA
Co-58	(12) (0)	15	-1.8E -1 (-1.5 - 1.3)E 0 (0/ 12)	13	1.7E -1 (-6.3 - 12.5)E -1 (0/ 4)	NO DATA
Fe-59	(12) (0)	30	-2.4E -1 (-1.1 - 1.1)E 0 (0/ 12)	13	2.2E -1 (-8.5 - 10.7)E -1 (0/ 4)	NO DATA
Co-60	(12) (0)	15	1.2E -1 (-1.5 - 1.7)E 0 (0/ 12)	01	3.6E -1 (1.8 - 6.1)E -1 (0/ 4)	NO DATA
Zn-65	(12) (0)	30	2.9E -1 (-5.6 - 3.0)E 0 (0/ 12)	14	1.5E 0 (6.9 - 29.6)E -1 (0/ 4)	NO DATA
Se-75	(12) (0)		2.2E -1 (-2.0 - 1.6)E 0 (0/ 12)	14	9.8E -1 (1.6 - 16.0)E -1 (0/ 4)	NO DATA
Nb-95	(12) (0)		5.3E -1 (-6.0 - 17.5)E -1 (0/ 12)	13	7.4E -1 (-6.0 - 17.5)E -1 (0/ 4)	NO DATA

* 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 3.5-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Zr-95 (12) (0)	15	2.0E -1 (-1.4 - 1.5)E 0 (0/ 12)	13	7.9E -1 (3.9 - 11.9)E -1 (0/ 4)	NO DATA
Ru-103 (12) (0)		-4.1E -1 (-3.6 - 0.8)E 0 (0/ 12)	14	2.3E -3 (-6.1 - 8.1)E -1 (0/ 4)	NO DATA
Ru-106 (12) (0)		-2.8E 0 (-2.1 - 0.5)E 1 (0/ 12)	01	-1.2E -3 (-2.3 - 3.5)E 0 (0/ 4)	NO DATA
Ag-108m (12) (0)		6.1E -3 (-1.2 - 1.1)E 0 (0/ 12)	14	3.4E -1 (-7.0 - 10.9)E -1 (0/ 4)	NO DATA
Ag-110m (12) (0)		2.3E -2 (-1.8 - 2.0)E 0 (0/ 12)	13	3.0E -1 (-6.7 - 20.1)E -1 (0/ 4)	NO DATA
Sb-124 (12) (0)		5.4E -1 (-1.6 - 2.8)E 0 (0/ 12)	13	9.8E -1 (-4.2 - 28.2)E -1 (0/ 4)	NO DATA
Sb-125 (12) (0)		6.2E -1 (-2.3 - 2.5)E 0 (0/ 12)	14	1.5E 0 (-6.9 - 24.7)E -1 (0/ 4)	NO DATA
I-131 (12) (0)	15	-1.3E -1 (-1.2 - 0.7)E 0 (0/ 12)	01	-2.2E -2 (-1.1 - 0.7)E 0 (0/ 4)	NO DATA
Cs-134 (12) (0)	15	1.8E -1 (-1.5 - 1.7)E 0 (0/ 12)	14	6.7E -1 (1.5 - 16.5)E -1 (0/ 4)	NO DATA
Cs-137 (12) (0)	18	-1.2E -1 (-9.1 - 9.0)E -1 (0/ 12)	14	9.9E -2 (-4.7 - 9.0)E -1 (0/ 4)	NO DATA
Ba-140 (12) (0)	15	1.8E -1 (-7.8 - 15.2)E -1 (0/ 12)	14	7.5E -1 (-7.8 - 15.2)E -1 (0/ 4)	NO DATA
La-140 (12) (0)		1.8E -1 (-7.8 - 15.2)E -1 (0/ 12)	14	7.5E -1 (-7.8 - 15.2)E -1 (0/ 4)	NO DATA
Ce-141 (12) (0)		-1.1E -1 (-4.8 - 2.6)E 0 (0/ 12)	13	9.7E -1 (3.5 - 21.9)E -1 (0/ 4)	NO DATA

* 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., >3 standard deviations with no uncertain identification) is shown in parentheses.

Table 3.5-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Ce-144 (12) (0)		-2.0E 0 (-1.3 - 0.7)E 1 (0/ 12)	14	-4.3E -2 (-5.2 - 3.9)E 0 (0/ 4)	NO DATA
Pb-212 (12) (0)		2.1E 0 (-1.1 - 5.0)E 0 (2/ 12)	14	3.4E 0 (1.2 - 4.7)E 0 (1/ 4)	NO DATA
Pb-214 (12) (0)		2.3E 1 (-2.0 - 126.0)E 0 (0/ 12)	14	5.0E 1 (0.0 - 1.3)E 2 (0/ 4)	NO DATA
Bi-214 (12) (0)		5.8E 1 (5.5 - 2330.0)E -1 (0/ 12)	14	1.4E 2 (5.9 - 23.3)E 1 (0/ 4)	NO DATA
Ac-228 (12) (0)		4.2E -1 (-3.9 - 7.9)E 0 (0/ 12)	14	1.6E 0 (-3.5 - 6.5)E 0 (0/ 4)	NO DATA
Th-228 (12) (0)		2.1E 0 (-1.1 - 5.0)E 0 (2/ 12)	14	3.4E 0 (1.2 - 4.7)E 0 (1/ 4)	NO DATA

* 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 one sub-tidal sediment core 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 Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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) (0)		5.7E 1 (-3.0 - 13.5)E 1 (0/ 6)	08	7.1E 1 (1.4 - 12.8)E 1 (0/ 2)	-3.6E 1 (-1.6 - 0.4)E 2 (0/ 4)
K-40 (10) (0)		1.7E 4 (1.4 - 2.0)E 4 (6/ 6)	07	1.9E 4 (1.9 - 1.9)E 4 (2/ 2)	1.5E 4 (1.3 - 1.7)E 4 (4/ 4)
Cr-51 (10) (0)		-1.9E 2 (-6.2 - -0.5)E 2 (0/ 6)	52	1.8E 2 (1.1 - 2.4)E 2 (0/ 2)	7.0E 1 (-1.5 - 2.4)E 2 (0/ 4)
Mn-54 (10) (0)		1.6E 1 (-4.5 - 43.0)E 0 (0/ 6)	02	3.8E 1 (3.3 - 4.3)E 1 (0/ 2)	3.6E 0 (-5.1 - 18.1)E 0 (0/ 4)
Co-57 (10) (0)		4.8E -1 (-1.8 - 2.8)E 1 (0/ 6)	08	1.7E 1 (6.3 - 28.4)E 0 (0/ 2)	8.9E 0 (1.2 - 197.0)E -1 (0/ 4)
Co-58 (10) (0)		1.8E 0 (-5.5 - 3.7)E 1 (0/ 6)	07	2.0E 1 (3.0 - 36.5)E 0 (0/ 2)	1.3E 0 (-1.4 - 1.4)E 1 (0/ 4)
Fe-59 (10) (0)		-2.4E 0 (-4.6 - 12.8)E 1 (0/ 6)	07	5.7E 1 (-1.4 - 12.8)E 1 (0/ 2)	-3.3E 1 (-7.2 - 0.3)E 1 (0/ 4)
Co-60 (10) (0)		-3.5E 0 (-2.0 - 2.1)E 1 (0/ 6)	07	4.0E -1 (-2.0 - 2.1)E 1 (0/ 2)	-2.4E 0 (-5.2 - 0.6)E 0 (0/ 4)
Zn-65 (10) (0)		-1.6E 1 (-9.4 - 2.1)E 1 (0/ 6)	07	1.1E 1 (1.5 - 21.0)E 0 (0/ 2)	-2.5E 0 (-6.0 - 7.5)E 1 (0/ 4)
Se-75 (10) (0)		-1.2E 1 (-3.1 - 1.0)E 1 (0/ 6)	02	-1.3E 0 (-1.2 - 1.0)E 1 (0/ 2)	-1.2E 1 (-1.3 - -1.2)E 1 (0/ 4)
Nb-95 (10) (0)		2.8E 1 (1.4 - 48.5)E 0 (0/ 6)	02	4.3E 1 (3.8 - 4.9)E 1 (0/ 2)	2.3E 1 (4.7 - 54.4)E 0 (0/ 4)
Zr-95 (10) (0)		1.6E 1 (4.4 - 34.3)E 0 (0/ 6)	52	5.0E 1 (4.7 - 5.4)E 1 (0/ 2)	4.5E 1 (2.8 - 5.4)E 1 (0/ 4)
Ru-103 (10) (0)		-1.0E 1 (-5.6 - 1.9)E 1 (0/ 6)	52	1.6E 1 (7.2 - 24.7)E 0 (0/ 2)	8.6E 0 (-1.2 - 2.5)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.

Table 3.6-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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-106 (10)		-3.0E 0	57	1.1E 2	5.9E 1
(0)		(-1.5 - 1.5)E 2 (0/ 6)		(8.0 - 13.9)E 1 (0/ 2)	(-6.0 - 13.9)E 1 (0/ 4)
Ag-108m (10)		-6.4E 0	52	1.3E 1	5.6E 0
(0)		(-2.2 - 0.4)E 1 (0/ 6)		(1.0 - 1.6)E 1 (0/ 2)	(-2.8 - 16.1)E 0 (0/ 4)
Ag-110m (10)		-2.1E 1	57	1.3E 0	-1.2E 1
(0)		(-5.1 - 0.5)E 1 (0/ 6)		(-2.0 - 2.2)E 1 (0/ 2)	(-3.5 - 2.2)E 1 (0/ 4)
Sb-124 (10)		1.3E 1	07	2.1E 1	-1.6E 1
(0)		(-6.7 - 37.7)E 0 (0/ 6)		(5.0 - 37.7)E 0 (0/ 2)	(-7.1 - 2.3)E 1 (0/ 4)
Sb-125 (10)		3.8E 1	02	7.3E 1	-3.0E 1
(0)		(-6.7 - 10.6)E 1 (0/ 6)		(4.9 - 9.6)E 1 (0/ 2)	(-8.0 - 0.2)E 1 (0/ 4)
I-131 (10)		1.2E 2	08	2.7E 2	3.0E 1
(0)		(-1.1 - 5.0)E 2 (0/ 6)		(5.2 - 49.7)E 1 (0/ 2)	(-1.8 - 2.1)E 2 (0/ 4)
Cs-134 (10)	150	2.2E 1	07	4.5E 1	3.0E 1
(0)		(0.0 - 5.8)E 1 (0/ 6)		(3.1 - 5.8)E 1 (0/ 2)	(0.0 - 7.7)E 1 (0/ 4)
Cs-137 (10)	180	1.4E 1	07	2.0E 1	3.3E -1
(0)		(-2.2 - 3.5)E 1 (0/ 6)		(6.2 - 34.3)E 0 (0/ 2)	(-2.0 - 1.7)E 1 (0/ 4)
Ba-140 (10)		-1.7E 1	07	1.2E 2	1.4E 1
(0)		(-2.3 - 1.9)E 2 (0/ 6)		(5.1 - 19.2)E 1 (0/ 2)	(1.7 - 32.9)E 0 (0/ 4)
La-140 (10)		-1.7E 1	07	1.2E 2	1.4E 1
(0)		(-2.3 - 1.9)E 2 (0/ 6)		(5.1 - 19.2)E 1 (0/ 2)	(1.7 - 32.9)E 0 (0/ 4)
Ce-141 (10)		3.4E 1	07	8.6E 1	5.0E 1
(0)		(-2.1 - 16.7)E 1 (0/ 6)		(5.0 - 167.0)E 0 (0/ 2)	(-3.4 - 875.0)E -1 (0/ 4)
Ce-144 (10)		1.7E 1	07	8.1E 1	-2.1E 1
(0)		(-7.9 - 12.4)E 1 (0/ 6)		(3.9 - 12.4)E 1 (0/ 2)	(-1.3 - 0.6)E 2 (0/ 4)
Tl-208 (10)		2.2E 2	52	7.1E 2	4.2E 2
(0)		(5.5 - 75.3)E 1 (5/ 6)		(6.5 - 7.7)E 2 (2/ 2)	(1.1 - 7.7)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.

Table 3.6-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Pb-212 (10) (0)		7.8E 2 (2.7 - 25.6)E 2 (6/ 6)	52	2.3E 3 (2.3 - 2.4)E 3 (2/ 2)	1.3E 3 (3.6 - 23.7)E 2 (4/ 4)
Pb-214 (10) (0)		5.5E 2 (0.0 - 1.8)E 3 (5/ 6)	02	1.2E 3 (6.8 - 17.8)E 2 (2/ 2)	5.5E 2 (0.0 - 1.6)E 3 (3/ 4)
Bi-214 (10) (0)		4.6E 2 (1.2 - 14.5)E 2 (5/ 6)	52	1.3E 3 (1.2 - 1.5)E 3 (2/ 2)	7.3E 2 (0.0 - 1.5)E 3 (3/ 4)
Ra-226 (10) (0)		4.6E 2 (1.2 - 14.5)E 2 (5/ 6)	52	1.3E 3 (1.2 - 1.5)E 3 (2/ 2)	7.3E 2 (0.0 - 1.5)E 3 (3/ 4)
Ac-228 (10) (0)		7.7E 2 (2.2 - 25.1)E 2 (4/ 6)	52	2.1E 3 (1.9 - 2.3)E 3 (2/ 2)	1.1E 3 (0.0 - 2.3)E 3 (3/ 4)
Th-228 (10) (0)		7.8E 2 (2.7 - 25.6)E 2 (6/ 6)	52	2.3E 3 (2.3 - 2.4)E 3 (2/ 2)	1.3E 3 (3.6 - 23.7)E 2 (4/ 4)
Th-230 (10) (0)		4.6E 2 (1.2 - 14.5)E 2 (5/ 6)	52	1.3E 3 (1.2 - 1.5)E 3 (2/ 2)	7.3E 2 (0.0 - 1.5)E 3 (3/ 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 collectio ns are attempted to ensure the sampling requirements are met. This section presents the results for fish s ampling only. Invertebrate results may be found in Sections 3.8 and 3.9, entitled Lobsters and Shellfish, respectively.

During the year, a total of 8 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 fish was also collected from sample location FH-06 (Hampton Bay in the area of the plant's discharge).

A gamma analysis was performed on the edible portion of each sample collected. In 2014, the only radionuclide detected was naturally-occurring K-40 (all 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 2014, one cunner sample was collected from Hampton Bay. The results are listed in Attachment 1 as laboratory number 356387001 (09/18/2014). 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 Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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	(8)		2.8E -1	53	7.1E 0	7.1E 0
	(0)		(-2.6 - 2.8)E 1		(-2.5 - 4.6)E 1	(-2.5 - 4.6)E 1
			(0/ 5)		(0/ 3)	(0/ 3)
K-40	(8)		2.9E 3	53	3.4E 3	3.4E 3
	(0)		(2.1 - 3.3)E 3		(3.0 - 3.8)E 3	(3.0 - 3.8)E 3
			(5/ 5)		(3/ 3)	(3/ 3)
Cr-51	(8)		-9.2E -1	53	1.5E 1	1.5E 1
	(0)		(-3.5 - 2.9)E 1		(-9.9 - 43.7)E 0	(-9.9 - 43.7)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
Mn-54	(8)	130	3.2E 0	03	3.2E 0	-9.5E -1
	(0)		(-1.8 - 5.6)E 0		(-1.8 - 5.6)E 0	(-4.5 - 1.3)E 0
			(0/ 5)		(0/ 5)	(0/ 3)
Co-57	(8)		4.7E -1	03	4.7E -1	-9.1E -1
	(0)		(-4.9 - 5.2)E 0		(-4.9 - 5.2)E 0	(-4.2 - 1.7)E 0
			(0/ 5)		(0/ 5)	(0/ 3)
Co-58	(8)	130	8.3E -1	03	8.3E -1	-1.4E 0
	(0)		(-2.1 - 8.0)E 0		(-2.1 - 8.0)E 0	(-4.0 - 0.0)E 0
			(0/ 5)		(0/ 5)	(0/ 3)
Fe-59	(8)	260	8.4E -1	53	5.1E 0	5.1E 0
	(0)		(-1.1 - 1.0)E 1		(-2.8 - 16.8)E 0	(-2.8 - 16.8)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
Co-60	(8)	130	-3.8E 0	53	2.7E -1	2.7E -1
	(0)		(-7.2 - -0.3)E 0		(-2.9 - 11.8)E -1	(-2.9 - 11.8)E -1
			(0/ 5)		(0/ 3)	(0/ 3)
Zn-65	(8)	260	1.9E 0	03	1.9E 0	-6.8E 0
	(0)		(-7.9 - 15.5)E 0		(-7.9 - 15.5)E 0	(-1.5 - -0.1)E 1
			(0/ 5)		(0/ 5)	(0/ 3)
Se-75	(8)		3.2E 0	03	3.2E 0	-8.4E -1
	(0)		(-2.5 - 8.3)E 0		(-2.5 - 8.3)E 0	(-5.9 - 2.4)E 0
			(0/ 5)		(0/ 5)	(0/ 3)
Nb-95	(8)		1.1E 0	53	4.3E 0	4.3E 0
	(0)		(-1.7 - 5.4)E 0		(1.1 - 8.1)E 0	(1.1 - 8.1)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
Zr-95	(8)		5.2E -1	53	2.2E 0	2.2E 0
	(0)		(-1.5 - 2.2)E 1		(-2.5 - 8.8)E 0	(-2.5 - 8.8)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
Ru-103	(8)		-1.6E 0	53	2.6E 0	2.6E 0
	(0)		(-7.7 - 2.6)E 0		(-1.8 - 8.5)E 0	(-1.8 - 8.5)E 0
			(0/ 5)		(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.

Table 3.7-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

MEDIUM: Fish (FH) 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-106	(8)		-7.4E 0	53	1.4E 1	1.4E 1
	(0)		(-4.6 - 1.6)E 1		(-2.0 - 25.7)E 0	(-2.0 - 25.7)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
Ag-108m	(8)		-2.5E -1	53	9.6E -1	9.6E -1
	(0)		(-3.2 - 1.8)E 0		(-3.2 - 3.2)E 0	(-3.2 - 3.2)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
Ag-110m	(8)		2.7E -1	03	2.7E -1	-2.7E 0
	(0)		(-6.0 - 8.9)E 0		(-6.0 - 8.9)E 0	(-6.0 - 1.2)E 0
			(0/ 5)		(0/ 5)	(0/ 3)
Sb-124	(8)		-4.1E -1	53	2.4E 0	2.4E 0
	(0)		(-8.9 - 7.8)E 0		(-8.5 - 82.4)E -1	(-8.5 - 82.4)E -1
			(0/ 5)		(0/ 3)	(0/ 3)
Sb-125	(8)		-2.2E -1	53	7.5E -1	7.5E -1
	(0)		(-9.8 - 13.6)E 0		(-6.4 - 13.5)E 0	(-6.4 - 13.5)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
I-131	(8)		-3.5E 0	03	-3.5E 0	-4.5E 0
	(0)		(-1.8 - 0.3)E 1		(-1.8 - 0.3)E 1	(-1.6 - 0.2)E 1
			(0/ 5)		(0/ 5)	(0/ 3)
Cs-134	(8)	130	-2.6E 0	53	4.6E -1	4.6E -1
	(0)		(-1.8 - 0.5)E 1		(-1.7 - 4.0)E 0	(-1.7 - 4.0)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
Cs-137	(8)	150	3.2E 0	03	3.2E 0	2.3E 0
	(0)		(1.4 - 70.8)E -1		(1.4 - 70.8)E -1	(1.2 - 4.0)E 0
			(0/ 5)		(0/ 5)	(0/ 3)
Ba-140	(8)		6.8E -1	53	7.8E -1	7.8E -1
	(0)		(-2.3 - 6.2)E 0		(-4.2 - 5.5)E 0	(-4.2 - 5.5)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
La-140	(8)		6.8E -1	53	7.8E -1	7.8E -1
	(0)		(-2.3 - 6.2)E 0		(-4.2 - 5.5)E 0	(-4.2 - 5.5)E 0
			(0/ 5)		(0/ 3)	(0/ 3)
Ce-141	(8)		1.2E 0	03	1.2E 0	-3.9E 0
	(0)		(-2.6 - 8.1)E 0		(-2.6 - 8.1)E 0	(-1.0 - 0.1)E 1
			(0/ 5)		(0/ 5)	(0/ 3)
Ce-144	(8)		-9.9E 0	03	-9.9E 0	-1.2E 1
	(0)		(-2.2 - 0.4)E 1		(-2.2 - 0.4)E 1	(-2.8 - -0.1)E 1
			(0/ 5)		(0/ 5)	(0/ 3)
Tl-208	(8)		1.4E 0	03	1.4E 0	-3.1E 0
	(0)		(-4.0 - 10.3)E 0		(-4.0 - 10.3)E 0	(-3.9 - -1.8)E 0
			(0/ 5)		(0/ 5)	(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.

Table 3.7-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Pb-212 (8) (0)		8.9E 0 (1.9 - 17.9)E 0 (0/ 5)	03	8.9E 0 (1.9 - 17.9)E 0 (0/ 5)	5.8E 0 (3.8 - 9.0)E 0 (0/ 3)
Pb-214 (8) (0)		4.6E 0 (-3.3 - 11.8)E 0 (0/ 5)	53	1.1E 1 (5.5 - 18.3)E 0 (0/ 3)	1.1E 1 (5.5 - 18.3)E 0 (0/ 3)
Bi-214 (8) (0)		1.7E 1 (3.5 - 55.2)E 0 (0/ 5)	03	1.7E 1 (3.5 - 55.2)E 0 (0/ 5)	5.1E 0 (0.0 - 1.0)E 1 (0/ 3)
Ra-226 (8) (0)		1.7E 1 (3.5 - 55.2)E 0 (0/ 5)	03	1.7E 1 (3.5 - 55.2)E 0 (0/ 5)	5.1E 0 (0.0 - 1.0)E 1 (0/ 3)
Ac-228 (8) (0)		-1.7E 1 (-3.9 - 1.0)E 1 (0/ 5)	53	-1.1E 0 (-1.2 - 1.0)E 1 (0/ 3)	-1.1E 0 (-1.2 - 1.0)E 1 (0/ 3)
Th-228 (8) (0)		8.9E 0 (1.9 - 17.9)E 0 (0/ 5)	03	8.9E 0 (1.9 - 17.9)E 0 (0/ 5)	5.8E 0 (3.8 - 9.0)E 0 (0/ 3)
Th-230 (8) (0)		1.7E 1 (3.5 - 55.2)E 0 (0/ 5)	03	1.7E 1 (3.5 - 55.2)E 0 (0/ 5)	5.1E 0 (0.0 - 1.0)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.

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 2014 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 Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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)		-1.3E 1	54	3.1E 1	3.1E 1
	(0)		(-8.1 - 5.6)E 1 (0/ 2)		(2.4 - 3.8)E 1 (0/ 2)	(2.4 - 3.8)E 1 (0/ 2)
K-40	(4)		2.1E 3	54	2.7E 3	2.7E 3
	(0)		(1.8 - 2.4)E 3 (2/ 2)		(2.5 - 2.9)E 3 (2/ 2)	(2.5 - 2.9)E 3 (2/ 2)
Cr-51	(4)		-7.5E 0	54	2.3E 1	2.3E 1
	(0)		(-2.0 - 0.5)E 1 (0/ 2)		(4.3 - 41.8)E 0 (0/ 2)	(4.3 - 41.8)E 0 (0/ 2)
Mn-54	(4)	130	1.5E -2	04	1.5E -2	6.5E -3
	(0)		(-6.2 - 6.2)E 0 (0/ 2)		(-6.2 - 6.2)E 0 (0/ 2)	(-9.2 - 9.3)E -1 (0/ 2)
Co-57	(4)		4.4E 0	04	4.4E 0	2.1E 0
	(0)		(-1.3 - 10.1)E 0 (0/ 2)		(-1.3 - 10.1)E 0 (0/ 2)	(3.2 - 39.7)E -1 (0/ 2)
Co-58	(4)	130	4.2E 0	04	4.2E 0	1.5E -2
	(0)		(2.9 - 5.5)E 0 (0/ 2)		(2.9 - 5.5)E 0 (0/ 2)	(-2.5 - 2.5)E 0 (0/ 2)
Fe-59	(4)	260	1.2E 1	04	1.2E 1	4.1E 0
	(0)		(-2.8 - 26.8)E 0 (0/ 2)		(-2.8 - 26.8)E 0 (0/ 2)	(-3.8 - 12.0)E 0 (0/ 2)
Co-60	(4)	130	-4.9E -1	54	1.7E 0	1.7E 0
	(0)		(-1.1 - 0.1)E 0 (0/ 2)		(2.1 - 32.3)E -1 (0/ 2)	(2.1 - 32.3)E -1 (0/ 2)
Zn-65	(4)	260	-1.2E 1	54	1.0E 0	1.0E 0
	(0)		(-1.5 - -0.9)E 1 (0/ 2)		(-3.1 - 23.0)E -1 (0/ 2)	(-3.1 - 23.0)E -1 (0/ 2)
Se-75	(4)		3.7E 0	04	3.7E 0	-1.6E 0
	(0)		(-1.6 - 9.0)E 0 (0/ 2)		(-1.6 - 9.0)E 0 (0/ 2)	(-4.1 - 1.0)E 0 (0/ 2)
Nb-95	(4)		5.2E 0	04	5.2E 0	1.8E 0
	(0)		(0.0 - 1.0)E 1 (0/ 2)		(0.0 - 1.0)E 1 (0/ 2)	(2.8 - 33.5)E -1 (0/ 2)
Zr-95	(4)		-7.5E 0	54	4.0E 0	4.0E 0
	(0)		(-2.1 - 0.6)E 1 (0/ 2)		(4.5 - 804.0)E -2 (0/ 2)	(4.5 - 804.0)E -2 (0/ 2)
Ru-103	(4)		-4.2E 0	54	2.4E 0	2.4E 0
	(0)		(-1.1 - 0.2)E 1 (0/ 2)		(-7.8 - 56.4)E -1 (0/ 2)	(-7.8 - 56.4)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.

Table 3.8-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Ru-106	(4)		1.3E 1	04	1.3E 1	-1.6E 1
	(0)		(-9.6 - 35.7)E 0 (0/ 2)		(-9.6 - 35.7)E 0 (0/ 2)	(-2.9 - -0.2)E 1 (0/ 2)
Ag-108m	(4)		5.2E 0	04	5.2E 0	-1.2E 0
	(0)		(-3.1 - 13.4)E 0 (0/ 2)		(-3.1 - 13.4)E 0 (0/ 2)	(-2.4 - 0.0)E 0 (0/ 2)
Ag-110m	(4)		-2.0E 0	54	6.8E -1	6.8E -1
	(0)		(-5.7 - 1.7)E 0 (0/ 2)		(-1.1 - 2.4)E 0 (0/ 2)	(-1.1 - 2.4)E 0 (0/ 2)
Sb-124	(4)		-7.8E 0	54	1.4E 0	1.4E 0
	(0)		(-1.6 - 0.1)E 1 (0/ 2)		(-2.2 - 5.0)E 0 (0/ 2)	(-2.2 - 5.0)E 0 (0/ 2)
Sb-125	(4)		2.4E 1	04	2.4E 1	-2.6E 0
	(0)		(2.3 - 2.5)E 1 (0/ 2)		(2.3 - 2.5)E 1 (0/ 2)	(-7.3 - 2.2)E 0 (0/ 2)
I-131	(4)		-1.1E 1	54	-9.6E 0	-9.6E 0
	(0)		(-2.8 - 0.5)E 1 (0/ 2)		(-1.2 - -0.7)E 1 (0/ 2)	(-1.2 - -0.7)E 1 (0/ 2)
Cs-134	(4)	130	5.7E 0	04	5.7E 0	-1.4E 0
	(0)		(4.2 - 7.3)E 0 (0/ 2)		(4.2 - 7.3)E 0 (0/ 2)	(-2.6 - -0.2)E 0 (0/ 2)
Cs-137	(4)	150	-1.1E 0	54	5.2E 0	5.2E 0
	(0)		(-2.7 - 0.4)E 0 (0/ 2)		(4.3 - 6.1)E 0 (0/ 2)	(4.3 - 6.1)E 0 (0/ 2)
Ba-140	(4)		1.4E 1	04	1.4E 1	-2.4E 0
	(0)		(8.9 - 18.8)E 0 (0/ 2)		(8.9 - 18.8)E 0 (0/ 2)	(-3.7 - -1.1)E 0 (0/ 2)
La-140	(4)		1.4E 1	04	1.4E 1	-2.4E 0
	(0)		(8.9 - 18.8)E 0 (0/ 2)		(8.9 - 18.8)E 0 (0/ 2)	(-3.7 - -1.1)E 0 (0/ 2)
Ce-141	(4)		8.7E 0	04	8.7E 0	4.4E 0
	(0)		(3.5 - 13.8)E 0 (0/ 2)		(3.5 - 13.8)E 0 (0/ 2)	(3.1 - 5.8)E 0 (0/ 2)
Ce-144	(4)		3.3E 1	04	3.3E 1	-6.5E 0
	(0)		(2.8 - 3.7)E 1 (0/ 2)		(2.8 - 3.7)E 1 (0/ 2)	(-1.3 - 0.0)E 1 (0/ 2)
Tl-208	(4)		6.3E 0	04	6.3E 0	-3.6E 0
	(0)		(9.5 - 117.0)E -1 (0/ 2)		(9.5 - 117.0)E -1 (0/ 2)	(-4.5 - -2.8)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.

Table 3.8-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Pb-212 (4)		-6.2E 0	54	1.3E 0	1.3E 0
(0)		(-1.3 - 0.1)E 1 (0/ 2)		(2.0 - 24.7)E -1 (0/ 2)	(2.0 - 24.7)E -1 (0/ 2)
Pb-214 (4)		-7.6E 0	54	1.1E 1	1.1E 1
(0)		(-2.4 - 0.9)E 1 (0/ 2)		(1.0 - 1.3)E 1 (0/ 2)	(1.0 - 1.3)E 1 (0/ 2)
Bi-214 (4)		9.9E 0	04	9.9E 0	2.6E 0
(0)		(8.5 - 11.4)E 0 (0/ 2)		(8.5 - 11.4)E 0 (0/ 2)	(0.0 - 5.2)E 0 (0/ 2)
Ra-226 (4)		9.9E 0	04	9.9E 0	2.6E 0
(0)		(8.5 - 11.4)E 0 (0/ 2)		(8.5 - 11.4)E 0 (0/ 2)	(0.0 - 5.2)E 0 (0/ 2)
Ac-228 (4)		1.9E 1	04	1.9E 1	-1.2E 1
(0)		(4.0 - 34.1)E 0 (0/ 2)		(4.0 - 34.1)E 0 (0/ 2)	(-1.7 - -0.7)E 1 (0/ 2)
Th-228 (4)		-6.2E 0	54	1.3E 0	1.3E 0
(0)		(-1.3 - 0.1)E 1 (0/ 2)		(2.0 - 24.7)E -1 (0/ 2)	(2.0 - 24.7)E -1 (0/ 2)
Th-230 (4)		9.9E 0	04	9.9E 0	2.6E 0
(0)		(8.5 - 11.4)E 0 (0/ 2)		(8.5 - 11.4)E 0 (0/ 2)	(0.0 - 5.2)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 provide s the results for shellfish (MU) samples only. In 2014, four locations
(two indicators and two controls) were included in the sample collections. Fish and lobster results may be foun d 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 2014 and analyzed for radioactivity in the edible portion or meat of the shellfish.

The only radionuclide detected in edible shellfish body samples in 2014 was naturally-occurring K-40 (all 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/December 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 2014, 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 Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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)		6.4E 0	56	7.0E 1	3.3E 1
	(0)		(0.0 - 1.4)E 1 (0/ 4)		(5.9 - 8.1)E 1 (0/ 2)	(-6.8 - 80.9)E 0 (0/ 4)
K-40	(8)		1.4E 3	09	1.6E 3	1.4E 3
	(0)		(1.0 - 1.9)E 3 (4/ 4)		(1.4 - 1.9)E 3 (2/ 2)	(1.1 - 1.7)E 3 (4/ 4)
Cr-51	(8)		-3.5E 1	09	-1.6E 1	-4.5E 1
	(0)		(-8.3 - -0.5)E 1 (0/ 4)		(-2.7 - -0.5)E 1 (0/ 2)	(-6.7 - -1.6)E 1 (0/ 4)
Mn-54	(8)	130	4.3E -1	09	9.0E -1	-2.2E 0
	(0)		(-1.1 - 2.6)E 0 (0/ 4)		(-8.1 - 26.1)E -1 (0/ 2)	(-8.0 - 2.3)E 0 (0/ 4)
Co-57	(8)		-2.0E 0	59	2.5E 0	1.4E 0
	(0)		(-4.4 - 0.4)E 0 (0/ 4)		(-5.1 - 54.9)E -1 (0/ 2)	(-1.6 - 5.5)E 0 (0/ 4)
Co-58	(8)	130	-1.4E 0	59	2.4E 0	2.1E 0
	(0)		(-4.2 - 2.9)E 0 (0/ 4)		(4.7 - 43.7)E -1 (0/ 2)	(-7.9 - 45.2)E -1 (0/ 4)
Fe-59	(8)	260	-1.5E 0	56	7.5E 0	2.2E -1
	(0)		(-1.0 - 0.5)E 1 (0/ 4)		(2.0 - 12.9)E 0 (0/ 2)	(-8.5 - 12.9)E 0 (0/ 4)
Co-60	(8)	130	3.1E 0	09	5.3E 0	-2.5E 0
	(0)		(8.9 - 56.9)E -1 (0/ 4)		(4.9 - 5.7)E 0 (0/ 2)	(-8.9 - 3.9)E 0 (0/ 4)
Zn-65	(8)	260	2.2E 0	56	6.9E 0	4.4E 0
	(0)		(-8.1 - 19.3)E 0 (0/ 4)		(3.5 - 10.4)E 0 (0/ 2)	(1.6 - 10.4)E 0 (0/ 4)
Se-75	(8)		-4.2E -1	59	3.6E 0	1.9E 0
	(0)		(-4.1 - 2.0)E 0 (0/ 4)		(-6.6 - 13.7)E 0 (0/ 2)	(-6.6 - 13.7)E 0 (0/ 4)
Nb-95	(8)		2.3E 0	09	3.8E 0	-2.3E 0
	(0)		(-1.3 - 5.9)E 0 (0/ 4)		(1.7 - 5.9)E 0 (0/ 2)	(-8.1 - 1.3)E 0 (0/ 4)
Zr-95	(8)		2.7E -1	09	2.3E 0	-1.0E 1
	(0)		(-1.9 - 6.5)E 0 (0/ 4)		(-1.9 - 6.5)E 0 (0/ 2)	(-2.5 - -0.4)E 1 (0/ 4)
Ru-103	(8)		1.6E 0	06	4.5E 0	-1.1E 0
	(0)		(-2.3 - 7.8)E 0 (0/ 4)		(1.2 - 7.8)E 0 (0/ 2)	(-8.4 - 9.6)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.

Table 3.9-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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-106	(8)		-1.1E 1	59	2.0E 1	1.4E 1
	(0)		(-3.5 - 1.9)E 1 (0/ 4)		(1.8 - 2.2)E 1 (0/ 2)	(6.4 - 21.8)E 0 (0/ 4)
Ag-108m	(8)		-4.4E -1	59	1.5E 0	6.8E -2
	(0)		(-2.6 - 2.2)E 0 (0/ 4)		(-1.2 - 30.2)E -1 (0/ 2)	(-2.0 - 3.0)E 0 (0/ 4)
Ag-110m	(8)		-9.3E -1	56	2.5E 0	2.3E 0
	(0)		(-5.7 - 7.4)E 0 (0/ 4)		(-4.4 - 54.9)E -1 (0/ 2)	(-4.4 - 54.9)E -1 (0/ 4)
Sb-124	(8)		-2.3E 0	09	1.3E 0	-5.3E 0
	(0)		(-1.9 - 0.7)E 1 (0/ 4)		(-2.4 - 5.1)E 0 (0/ 2)	(-1.3 - 0.2)E 1 (0/ 4)
Sb-125	(8)		-8.0E -1	09	-7.6E -1	-3.9E 0
	(0)		(-9.5 - 7.8)E 0 (0/ 4)		(-7.1 - 5.6)E 0 (0/ 2)	(-1.0 - 0.0)E 1 (0/ 4)
I-131	(8)		4.3E 0	06	2.0E 1	3.8E 0
	(0)		(-1.2 - 4.4)E 1 (0/ 4)		(-4.2 - 43.5)E 0 (0/ 2)	(-1.1 - 2.5)E 1 (0/ 4)
Cs-134	(8)	130	5.1E -1	09	2.1E 0	1.2E 0
	(0)		(-2.4 - 3.4)E 0 (0/ 4)		(7.6 - 34.1)E -1 (0/ 2)	(-2.7 - 4.1)E 0 (0/ 4)
Cs-137	(8)	150	1.8E 0	59	6.0E 0	5.7E 0
	(0)		(6.3 - 389.0)E -2 (0/ 4)		(8.1 - 111.0)E -1 (0/ 2)	(7.9 - 111.0)E -1 (0/ 4)
Ba-140	(8)		-3.1E 0	59	1.2E 1	1.1E 1
	(0)		(-9.0 - 0.0)E 0 (0/ 4)		(1.4 - 22.2)E 0 (0/ 2)	(-7.3 - 26.9)E 0 (0/ 4)
La-140	(8)		-3.1E 0	59	1.2E 1	1.1E 1
	(0)		(-9.0 - 0.0)E 0 (0/ 4)		(1.4 - 22.2)E 0 (0/ 2)	(-7.3 - 26.9)E 0 (0/ 4)
Ce-141	(8)		2.7E 0	56	1.2E 1	6.1E 0
	(0)		(-8.7 - 114.0)E -1 (0/ 4)		(-2.5 - 234.0)E -1 (0/ 2)	(-2.5 - 234.0)E -1 (0/ 4)
Ce-144	(8)		7.1E 0	09	9.6E 0	-6.6E 0
	(0)		(-8.5 - 17.7)E 0 (0/ 4)		(9.4 - 9.8)E 0 (0/ 2)	(-2.3 - 0.4)E 1 (0/ 4)
Tl-208	(8)		2.9E -1	06	1.3E 0	-4.7E -1
	(0)		(-2.0 - 3.6)E 0 (0/ 4)		(-1.0 - 3.6)E 0 (0/ 2)	(-5.0 - 3.9)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.

Table 3.9-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Pb-212	(8) (0)		3.6E 0 (-2.7 - 11.7)E 0 (0/ 4)	56	6.7E 0 (6.0 - 7.3)E 0 (0/ 2)	4.5E 0 (7.9 - 73.4)E -1 (0/ 4)
Pb-214	(8) (0)		1.0E 1 (3.7 - 15.9)E 0 (0/ 4)	09	1.4E 1 (1.2 - 1.6)E 1 (0/ 2)	6.7E -1 (-3.1 - 8.1)E 0 (0/ 4)
Bi-214	(8) (0)		8.7E 0 (3.4 - 13.2)E 0 (0/ 4)	59	2.0E 1 (8.2 - 32.4)E 0 (0/ 2)	6.0E 0 (-1.6 - 3.2)E 1 (0/ 4)
Ra-226	(8) (0)		8.7E 0 (3.4 - 13.2)E 0 (0/ 4)	59	2.0E 1 (8.2 - 32.4)E 0 (0/ 2)	6.0E 0 (-1.6 - 3.2)E 1 (0/ 4)
Ac-228	(8) (0)		6.1E 0 (-1.1 - 3.1)E 1 (0/ 4)	59	2.3E 1 (1.0 - 3.6)E 1 (0/ 2)	-5.2E 0 (-6.5 - 3.6)E 1 (0/ 4)
Th-228	(8) (0)		3.6E 0 (-2.7 - 11.7)E 0 (0/ 4)	56	6.7E 0 (6.0 - 7.3)E 0 (0/ 2)	4.5E 0 (7.9 - 73.4)E -1 (0/ 4)
Th-230	(8) (0)		8.7E 0 (3.4 - 13.2)E 0 (0/ 4)	59	2.0E 1 (8.2 - 32.4)E 0 (0/ 2)	6.0E 0 (-1.6 - 3.2)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.

Table 3.9-2
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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	Station With Highest Mean: Mean Range (No. Detected**)	Control Stations: Mean Range (No. Detected**)
Sr-89 (4) (0)		-3.7E 1 (-8.0 - 0.6)E 1 (0/ 2)	06	-3.7E 1 (-8.0 - 0.6)E 1 (0/ 2)	-1.3E 2 (-1.9 - -0.8)E 2 (0/ 2)
Sr-90 (4) (0)		4.1E 1 (1.3 - 6.8)E 1 (0/ 2)	06	4.1E 1 (1.3 - 6.8)E 1 (0/ 2)	3.4E 1 (1.3 - 5.6)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.

3.10 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 6.2-1, the LLDs associated with food products were applied to ensure adequate counting statistics. Naturally-occurring K-40 and Be-7 were detected in all samples for both indicator and control stations. Other naturally-occurring radionuclides detected include Th-228 (1 sample). For the off-shore indicator station (AL-05), no plant-related radionuclides were detected in any sample.

One sample from the control location (AL-55) collected in May did indicate the presence of low level I-131 (43.2 pCi/kg). The control location is situated approximately 28.7 km from the plant. A review of plant effluent discharge records indicated that there was no measurable I-131 in liquid waste released from the plant in the 2014 months prior to the positive detection of I-131 in the control algae sample. It is highly unlikely due to the distance from the plant and the lack of any detectable releases of iodine in plant effluents prior to the positive algae measurement that the I-131 found in the control sample could have been from Seabrook Station. Since I-131 (8 day half-life) is also used in the medical industry for patient treatments, the washout of medical related I-131 into Ipswich Bay is a likely source.

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. However, the observation of I-131 at the control location is another occurrence of past sample observations from the Ipswich Bay (May 2006, May & December 2008, and May 2009) that have also detected the presence of I-131 in Chondrus (Irish Moss).

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 Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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)		1.5E 2	55	2.8E 2	2.8E 2
(0)		(1.3 - 1.8)E 2 (2/ 2)		(2.5 - 3.1)E 2 (2/ 2)	(2.5 - 3.1)E 2 (2/ 2)
K-40 (4)		7.8E 3	55	8.1E 3	8.1E 3
(0)		(6.6 - 9.0)E 3 (2/ 2)		(7.8 - 8.4)E 3 (2/ 2)	(7.8 - 8.4)E 3 (2/ 2)
Cr-51 (4)		-2.4E 1	55	-1.8E 1	-1.8E 1
(0)		(-3.0 - -1.8)E 1 (0/ 2)		(-4.3 - 0.7)E 1 (0/ 2)	(-4.3 - 0.7)E 1 (0/ 2)
Mn-54 (4)		-1.8E 0	05	-1.8E 0	-2.5E 0
(0)		(-5.7 - 2.1)E 0 (0/ 2)		(-5.7 - 2.1)E 0 (0/ 2)	(-4.8 - -0.2)E 0 (0/ 2)
Co-57 (4)		1.6E 0	05	1.6E 0	1.5E -1
(0)		(6.6 - 26.0)E -1 (0/ 2)		(6.6 - 26.0)E -1 (0/ 2)	(-2.1 - 5.0)E -1 (0/ 2)
Co-58 (4)		6.1E -1	55	4.3E 0	4.3E 0
(0)		(-7.0 - 129.0)E -2 (0/ 2)		(-3.6 - 89.0)E -1 (0/ 2)	(-3.6 - 89.0)E -1 (0/ 2)
Fe-59 (4)		-4.9E -1	05	-4.9E -1	-1.6E 0
(0)		(-6.3 - -3.5)E -1 (0/ 2)		(-6.3 - -3.5)E -1 (0/ 2)	(-4.0 - 0.7)E 0 (0/ 2)
Co-60 (4)		-3.6E 0	55	3.0E -1	3.0E -1
(0)		(-6.0 - -1.2)E 0 (0/ 2)		(8.0 - 52.4)E -2 (0/ 2)	(8.0 - 52.4)E -2 (0/ 2)
Zn-65 (4)		1.1E 1	05	1.1E 1	-2.3E 0
(0)		(1.1 - 1.1)E 1 (0/ 2)		(1.1 - 1.1)E 1 (0/ 2)	(-5.8 - 1.3)E 0 (0/ 2)
Se-75 (4)		2.2E 0	05	2.2E 0	2.0E 0
(0)		(1.1 - 3.3)E 0 (0/ 2)		(1.1 - 3.3)E 0 (0/ 2)	(-2.6 - 6.5)E 0 (0/ 2)
Nb-95 (4)		7.1E 0	05	7.1E 0	5.0E 0
(0)		(3.7 - 10.5)E 0 (0/ 2)		(3.7 - 10.5)E 0 (0/ 2)	(-3.3 - 104.0)E -1 (0/ 2)
Zr-95 (4)		1.3E 0	05	1.3E 0	3.8E -1
(0)		(-1.7 - 4.3)E 0 (0/ 2)		(-1.7 - 4.3)E 0 (0/ 2)	(-2.0 - 2.8)E 0 (0/ 2)
Ru-103 (4)		-2.2E 0	05	-2.2E 0	-3.3E 0
(0)		(-6.2 - 1.7)E 0 (0/ 2)		(-6.2 - 1.7)E 0 (0/ 2)	(-8.7 - 2.2)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.

Table 3.10-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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-106 (4)		-1.4E 1	55	1.1E 1	1.1E 1
(0)		(-1.8 - -1.0)E 1 (0/ 2)		(-2.0 - 4.3)E 1 (0/ 2)	(-2.0 - 4.3)E 1 (0/ 2)
Ag-108m (4)		1.5E 0	55	2.8E 0	2.8E 0
(0)		(4.9 - 25.0)E -1 (0/ 2)		(1.4 - 4.3)E 0 (0/ 2)	(1.4 - 4.3)E 0 (0/ 2)
Ag-110m (4)		-1.5E 0	55	1.7E 0	1.7E 0
(0)		(-6.7 - 3.8)E 0 (0/ 2)		(-4.0 - 38.6)E -1 (0/ 2)	(-4.0 - 38.6)E -1 (0/ 2)
Sb-124 (4)		8.2E 0	05	8.2E 0	2.8E 0
(0)		(2.0 - 14.5)E 0 (0/ 2)		(2.0 - 14.5)E 0 (0/ 2)	(-2.9 - 8.6)E 0 (0/ 2)
Sb-125 (4)		-1.7E 0	05	-1.7E 0	-4.1E 0
(0)		(-6.2 - 2.9)E 0 (0/ 2)		(-6.2 - 2.9)E 0 (0/ 2)	(-9.9 - 1.6)E 0 (0/ 2)
I-131 (4)		4.0E -1	55	2.0E 1	2.0E 1
(0)		(-8.5 - 9.3)E 0 (0/ 2)		(-2.3 - 43.2)E 0 (1/ 2)	(-2.3 - 43.2)E 0 (1/ 2)
Cs-134 (4)		1.7E 0	55	2.1E 0	2.1E 0
(0)		(1.2 - 2.2)E 0 (0/ 2)		(4.6 - 36.5)E -1 (0/ 2)	(4.6 - 36.5)E -1 (0/ 2)
Cs-137 (4)		5.5E 0	05	5.5E 0	3.5E 0
(0)		(4.7 - 6.3)E 0 (0/ 2)		(4.7 - 6.3)E 0 (0/ 2)	(3.0 - 4.1)E 0 (0/ 2)
Ba-140 (4)		-2.6E 0	05	-2.6E 0	-2.9E 0
(0)		(-4.7 - -0.5)E 0 (0/ 2)		(-4.7 - -0.5)E 0 (0/ 2)	(-4.2 - -1.5)E 0 (0/ 2)
La-140 (4)		-2.6E 0	05	-2.6E 0	-2.9E 0
(0)		(-4.7 - -0.5)E 0 (0/ 2)		(-4.7 - -0.5)E 0 (0/ 2)	(-4.2 - -1.5)E 0 (0/ 2)
Ce-141 (4)		4.2E 0	05	4.2E 0	-7.4E 0
(0)		(-1.6 - 85.4)E -1 (0/ 2)		(-1.6 - 85.4)E -1 (0/ 2)	(-9.4 - -5.4)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.

Table 3.10-1
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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)		1.6E 1	55	2.7E 1	2.7E 1
(0)		(4.2 - 27.0)E 0		(1.6 - 3.7)E 1	(1.6 - 3.7)E 1
		(0/ 2)		(0/ 2)	(0/ 2)
Ac-228 (4)		1.1E 1	05	1.1E 1	7.7E 0
(0)		(1.8 - 21.1)E 0		(1.8 - 21.1)E 0	(0.0 - 1.5)E 1
		(0/ 2)		(0/ 2)	(0/ 2)
Th-228 (4)		3.3E 0	55	2.5E 1	2.5E 1
(0)		(4.8 - 61.8)E -1		(1.8 - 3.1)E 1	(1.8 - 3.1)E 1
		(0/ 2)		(1/ 2)	(1/ 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 2014 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 in June (Lab numbers 351505001, 2, & 3), green beans in July (Lab numbers 3535153001, 2, & 3), kale in August (Lab numbers 355389001 and 2) from locations TF-02 and TF-03 and tomato in August (Lab number 355389003) from location TF-06.

A gamma analysis was performed on each sample. Naturally-occurring K-40 was detected in all samples for both indicator and control stations. The only other naturally-occurring radionuclide detected was Be-7 (1 out of 9 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 Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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)		2.9E 1	03	4.9E 1	-4.3E 0
(0)		(-3.6 - 72.3)E 0 (1/ 6)		(2.9 - 7.2)E 1 (1/ 3)	(-1.8 - 1.1)E 1 (0/ 3)
K-40 (9)		2.6E 3	03	2.7E 3	1.9E 3
(0)		(1.2 - 4.2)E 3 (6/ 6)		(1.5 - 4.2)E 3 (3/ 3)	(1.5 - 2.3)E 3 (3/ 3)
Cr-51 (9)		-3.5E 1	06	4.9E 0	4.9E 0
(0)		(-8.3 - 1.5)E 1 (0/ 6)		(-1.6 - 3.3)E 1 (0/ 3)	(-1.6 - 3.3)E 1 (0/ 3)
Mn-54 (9)		-7.5E -1	06	8.7E -1	8.7E -1
(0)		(-6.7 - 5.8)E 0 (0/ 6)		(-4.8 - 32.0)E -1 (0/ 3)	(-4.8 - 32.0)E -1 (0/ 3)
Co-57 (9)		9.2E -1	02	3.0E 0	-8.9E -1
(0)		(-2.1 - 5.8)E 0 (0/ 6)		(1.5 - 5.8)E 0 (0/ 3)	(-1.5 - -0.4)E 0 (0/ 3)
Co-58 (9)		2.8E 0	03	3.8E 0	-2.6E -1
(0)		(-4.0 - 11.1)E 0 (0/ 6)		(-8.8 - 92.8)E -1 (0/ 3)	(-3.1 - 1.6)E 0 (0/ 3)
Fe-59 (9)		5.8E -1	06	3.4E 0	3.4E 0
(0)		(-6.1 - 9.6)E 0 (0/ 6)		(2.0 - 4.6)E 0 (0/ 3)	(2.0 - 4.6)E 0 (0/ 3)
Co-60 (9)		4.8E 0	02	8.1E 0	1.8E 0
(0)		(-2.8 - 12.8)E 0 (0/ 6)		(9.1 - 128.0)E -1 (0/ 3)	(-7.8 - 42.1)E -1 (0/ 3)
Zn-65 (9)		-4.5E 0	06	2.1E 0	2.1E 0
(0)		(-1.8 - 0.5)E 1 (0/ 6)		(-2.2 - 9.2)E 0 (0/ 3)	(-2.2 - 9.2)E 0 (0/ 3)
Se-75 (9)		2.5E 0	02	4.4E 0	2.7E -1
(0)		(-2.4 - 7.6)E 0 (0/ 6)		(1.4 - 7.6)E 0 (0/ 3)	(-3.7 - 2.6)E 0 (0/ 3)
Nb-95 (9)		4.6E -1	06	4.0E 0	4.0E 0
(0)		(-7.0 - 4.5)E 0 (0/ 6)		(1.9 - 6.8)E 0 (0/ 3)	(1.9 - 6.8)E 0 (0/ 3)
Zr-95 (9)		1.1E -1	03	4.6E 0	2.8E 0
(0)		(-9.5 - 7.7)E 0 (0/ 6)		(4.9 - 77.3)E -1 (0/ 3)	(-2.9 - 12.1)E 0 (0/ 3)
Ru-103 (9)		1.3E 0	03	2.4E 0	-7.6E -1
(0)		(-3.2 - 4.6)E 0 (0/ 6)		(7.9 - 45.6)E -1 (0/ 3)	(-3.4 - 1.3)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.

Table 3.11-1 (Continued)

Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Ru-106 (9)		-1.4E 1	06	-8.2E 0	-8.2E 0
(0)		(-5.0 - 1.6)E 1 (0/ 6)		(-2.4 - 1.6)E 1 (0/ 3)	(-2.4 - 1.6)E 1 (0/ 3)
Ag-108m (9)		-3.0E 0	06	1.5E 0	1.5E 0
(0)		(-9.5 - -0.7)E 0 (0/ 6)		(-2.7 - 5.6)E 0 (0/ 3)	(-2.7 - 5.6)E 0 (0/ 3)
Ag-110m (9)		-5.3E -1	03	-4.5E -1	-1.4E 0
(0)		(-4.4 - 1.5)E 0 (0/ 6)		(-2.7 - 1.3)E 0 (0/ 3)	(-4.1 - 2.2)E 0 (0/ 3)
Sb-124 (9)		2.8E 0	03	3.0E 0	2.0E -1
(0)		(-1.7 - 7.2)E 0 (0/ 6)		(7.5 - 71.8)E -1 (0/ 3)	(-4.9 - 3.7)E 0 (0/ 3)
Sb-125 (9)		6.8E 0	03	9.6E 0	-2.4E 0
(0)		(-8.9 - 26.8)E 0 (0/ 6)		(-8.9 - 26.8)E 0 (0/ 3)	(-1.0 - 0.9)E 1 (0/ 3)
I-131 (9)		3.1E -1	03	4.2E 0	-1.4E 0
(0)		(-1.2 - 1.8)E 1 (0/ 6)		(-3.2 - 18.2)E 0 (0/ 3)	(-2.1 - -0.4)E 0 (0/ 3)
Cs-134 (9)	60	-5.3E -2	03	2.5E 0	1.2E 0
(0)		(-1.1 - 0.8)E 1 (0/ 6)		(-1.0 - 8.2)E 0 (0/ 3)	(-4.2 - 4.4)E 0 (0/ 3)
Cs-137 (9)	80	1.6E 0	03	2.1E 0	1.7E -1
(0)		(-1.5 - 4.6)E 0 (0/ 6)		(-1.5 - 4.6)E 0 (0/ 3)	(-2.2 - 1.4)E 0 (0/ 3)
Ba-140 (9)		2.3E 0	03	5.8E 0	-9.6E -1
(0)		(-2.4 - 12.3)E 0 (0/ 6)		(-2.4 - 12.3)E 0 (0/ 3)	(-2.2 - 0.7)E 0 (0/ 3)
La-140 (9)		2.3E 0	03	5.8E 0	-9.6E -1
(0)		(-2.4 - 12.3)E 0 (0/ 6)		(-2.4 - 12.3)E 0 (0/ 3)	(-2.2 - 0.7)E 0 (0/ 3)
Ce-141 (9)		7.3E 0	02	8.4E 0	5.7E -1
(0)		(-7.2 - 128.0)E -1 (0/ 6)		(3.5 - 12.8)E 0 (0/ 3)	(-9.2 - 30.1)E -1 (0/ 3)
Ce-144 (9)		-2.2E 0	06	-1.1E 0	-1.1E 0
(0)		(-1.1 - 1.5)E 1 (0/ 6)		(-7.4 - 5.0)E 0 (0/ 3)	(-7.4 - 5.0)E 0 (0/ 3)
Ac-228 (9)		1.5E 0	02	1.5E 1	-1.3E 1
(0)		(-5.4 - 3.0)E 1 (0/ 6)		(-4.3 - 30300.0)E -3 (0/ 3)	(-2.5 - 0.3)E 1 (0/ 3)
Th-228 (9)		2.2E 0	03	5.8E 0	-2.3E 0
(0)		(-9.4 - 17.6)E 0 (0/ 6)		(-1.1 - 17.6)E 0 (0/ 3)	(-6.9 - 0.4)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.

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 2014 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 2014, 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 was detected in all samples for both indicator and control stations and naturally-occurring K-40 was detected in 17 out of 18 samples. 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.

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 Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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) (0)		9.5E 2 (2.6 - 30.4)E 2 (12/ 12)	09	1.1E 3 (4.2 - 30.4)E 2 (6/ 6)	7.9E 2 (3.1 - 12.1)E 2 (6/ 6)
K-40 (18) (0)		3.6E 3 (0.0 - 5.0)E 3 (11/ 12)	08	3.9E 3 (3.5 - 5.0)E 3 (6/ 6)	3.7E 3 (3.3 - 4.9)E 3 (6/ 6)
Cr-51 (18) (0)		5.8E 0 (-1.6 - 0.9)E 2 (0/ 12)	08	3.7E 1 (-5.1 - 87.0)E 0 (0/ 6)	-9.7E 0 (-4.4 - 7.8)E 1 (0/ 6)
Mn-54 (18) (0)		-8.0E -1 (-9.2 - 4.7)E 0 (0/ 12)	10	4.0E 0 (-1.6 - 10.1)E 0 (0/ 6)	4.0E 0 (-1.6 - 10.1)E 0 (0/ 6)
Co-57 (18) (0)		-3.6E -1 (-7.4 - 6.5)E 0 (0/ 12)	08	-2.4E -1 (-7.4 - 3.8)E 0 (0/ 6)	-3.2E 0 (-7.9 - 1.4)E 0 (0/ 6)
Co-58 (18) (0)		-3.5E 0 (-9.7 - 1.7)E 0 (0/ 12)	08	-1.7E 0 (-9.3 - 1.7)E 0 (0/ 6)	-4.3E 0 (-1.1 - 0.2)E 1 (0/ 6)
Fe-59 (18) (0)		8.9E -1 (-8.4 - 21.9)E 0 (0/ 12)	09	1.8E 0 (-7.6 - 10.4)E 0 (0/ 6)	-3.3E 0 (-2.5 - 1.7)E 1 (0/ 6)
Co-60 (18) (0)		1.5E 0 (-1.0 - 1.1)E 1 (0/ 12)	08	4.9E 0 (-2.3 - 11.2)E 0 (0/ 6)	-6.3E -1 (-6.8 - 3.3)E 0 (0/ 6)
Zn-65 (18) (0)		-6.5E 0 (-3.2 - 1.7)E 1 (0/ 12)	10	5.6E 0 (-1.2 - 2.5)E 1 (0/ 6)	5.6E 0 (-1.2 - 2.5)E 1 (0/ 6)
Se-75 (18) (0)		-1.2E 0 (-1.2 - 1.1)E 1 (0/ 12)	10	1.6E 0 (-1.1 - 0.7)E 1 (0/ 6)	1.6E 0 (-1.1 - 0.7)E 1 (0/ 6)
Nb-95 (18) (0)		3.1E 0 (-7.5 - 12.1)E 0 (0/ 12)	09	5.1E 0 (-5.7 - 12.1)E 0 (0/ 6)	-6.4E -1 (-1.3 - 0.6)E 1 (0/ 6)
Zr-95 (18) (0)		-4.8E 0 (-3.2 - 1.6)E 1 (0/ 12)	10	1.0E 1 (4.6 - 213.0)E -1 (0/ 6)	1.0E 1 (4.6 - 213.0)E -1 (0/ 6)
Ru-103 (18) (0)		-1.1E 0 (-8.3 - 9.2)E 0 (0/ 12)	10	1.2E 0 (-5.1 - 14.1)E 0 (0/ 6)	1.2E 0 (-5.1 - 14.1)E 0 (0/ 6)
Ru-106 (18) (0)		-3.0E 0 (-9.0 - 7.2)E 1 (0/ 12)	08	-6.5E -1 (-6.6 - 7.2)E 1 (0/ 6)	-2.1E 1 (-8.2 - 3.8)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.

Table 3.12-1 (Continued)
Radiological Environmental Monitoring Program Summary
Seabrook Nuclear Power Station, Seabrook, NH
(January - December 2014)

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**)
Ag-108m	(18)		2.4E 0	09	5.4E 0	2.4E 0
	(0)		(-8.3 - 16.8)E 0		(-1.7 - 16.8)E 0	(-3.8 - 8.8)E 0
			(0/ 12)		(0/ 6)	(0/ 6)
Ag-110m	(18)		-2.6E 0	09	-2.2E 0	-3.3E 0
	(0)		(-1.1 - 0.6)E 1		(-1.1 - 0.6)E 1	(-7.9 - -1.3)E 0
			(0/ 12)		(0/ 6)	(0/ 6)
Sb-124	(18)		9.4E -1	08	3.8E 0	1.5E 0
	(0)		(-1.5 - 2.2)E 1		(-9.1 - 13.8)E 0	(-1.8 - 1.6)E 1
			(0/ 12)		(0/ 6)	(0/ 6)
Sb-125	(18)		4.8E 0	09	6.9E 0	-5.2E 0
	(0)		(-1.7 - 4.9)E 1		(-1.2 - 4.9)E 1	(-1.6 - 0.4)E 1
			(0/ 12)		(0/ 6)	(0/ 6)
I-131	(18)	60	-2.9E 0	10	3.5E 0	3.5E 0
	(0)		(-2.5 - 0.8)E 1		(-1.0 - 1.3)E 1	(-1.0 - 1.3)E 1
			(0/ 12)		(0/ 6)	(0/ 6)
Cs-134	(18)	60	2.1E 0	09	3.6E 0	-8.3E -1
	(0)		(-6.7 - 18.9)E 0		(-3.2 - 18.9)E 0	(-1.3 - 0.7)E 1
			(0/ 12)		(0/ 6)	(0/ 6)
Cs-137	(18)	80	5.1E 0	08	6.3E 0	4.0E 0
	(0)		(-7.3 - 16.1)E 0		(-2.7 - 11.3)E 0	(0.0 - 9.9)E 0
			(0/ 12)		(0/ 6)	(0/ 6)
Ba-140	(18)		-3.8E 0	10	2.8E 0	2.8E 0
	(0)		(-1.8 - 0.8)E 1		(-5.2 - 20.6)E 0	(-5.2 - 20.6)E 0
			(0/ 12)		(0/ 6)	(0/ 6)
La-140	(18)		-3.8E 0	10	2.8E 0	2.8E 0
	(0)		(-1.8 - 0.8)E 1		(-5.2 - 20.6)E 0	(-5.2 - 20.6)E 0
			(0/ 12)		(0/ 6)	(0/ 6)
Ce-141	(18)		3.1E 0	09	3.2E 0	-1.1E 1
	(0)		(-8.2 - 25.3)E 0		(-8.2 - 12.5)E 0	(-3.2 - 0.3)E 1
			(0/ 12)		(0/ 6)	(0/ 6)
Ce-144	(18)		-2.8E 0	09	8.2E -2	-2.0E 1
	(0)		(-5.5 - 3.9)E 1		(-5.5 - 3.9)E 1	(-4.8 - 0.4)E 1
			(0/ 12)		(0/ 6)	(0/ 6)
Ac-228	(18)		2.1E 1	08	2.5E 1	2.0E 1
	(0)		(-2.6 - 6.4)E 1		(-2.6 - 6.4)E 1	(0.0 - 4.8)E 1
			(0/ 12)		(0/ 6)	(0/ 6)
Th-228	(18)		4.6E 0	10	1.5E 1	1.5E 1
	(0)		(-1.3 - 1.7)E 1		(3.6 - 40.8)E 0	(3.6 - 40.8)E 0
			(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-seven stations are located offsite, forty of which are required by the ODCM. During 2014, location TL-43 (Rocks Road Landing) was removed from the program since public access to the old boat launching ramp is no longer permitted.

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 2014 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 2014 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 on occasion 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 in the recent past 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 7 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. Two other locations (TL-01 and TL-69) 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 and 13.7 mR/quarter, respectively, in 2013.

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 2014 annual mean of all indicator locations was 16.3 mR/91-day quarter while the mean of all control locations was 17.7 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. In addition, all 2014 observed differences in individual TLD location average quarterly measurements when compared with the expected background TLD average measurements (see Table 3.13-2 for pre-operational history) indicate no increase in exposure rates greater than 20% (normal random fluctuations). As a result, no direct radiation dose beyond the site boundary was attributed to station operation during 2014.

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)

2014

Sta. No.	Description	1st Quarter Exp.	1st Quarter S.D.	2nd Quarter Exp.	2nd Quarter S.D.	3rd Quarter Exp.	3rd Quarter S.D.	4th Quarter Exp.	4th Quarter S.D.	Qtr Ave Over Yr Exp.
TL-01	Brimmer's Lane	16.2	1.0	18.5	0.8	18.2	0.9	18.7	1.3	17.9
TL-02	Landing Road	13.5	0.7	14.5	0.9	13.5	0.9	14.4	0.9	14.0
TL-03	Glade Path	14.5	0.9	14.5	0.9	14.4	0.8	15.0	0.8	14.6
TL-04	Island Path	15.4	0.7	16.1	0.7	15.9	0.7	16.8	0.7	16.1
TL-05	Harbor Road	14.4	0.7	14.7	0.7	14.3	0.7	15.2	0.7	14.7
TL-06	Barge Landing	14.5	0.8	14.6	0.8	14.8	0.9	15.9	0.8	15.0
TL-07	Cross Road	12.8	0.7	12.4	0.6	12.6	0.7	13.1	0.7	12.7
TL-08	Farm Lane	14.2	0.7	16.4	1.5	15.2	1.1	16.4	0.8	15.6
TL-09	Farm Lane	15.2	0.8	16.4	0.8	16.5	0.8	17.3	0.9	16.4
TL-10	Site Boundary	15.7	0.8	16.1	0.7	15.4	0.7	15.4	0.7	15.7
TL-11	Site Boundary	14.9	0.9	17.7	0.8	17.5	0.9	19.4	0.7	17.4
TL-12	Site Boundary	16.3	1.0	17.6	1.4	18.0	0.9	19.6	0.9	17.9
TL-13	Inside Site Boundary	16.8	0.7	18.5	0.8	17.8	0.8	19.1	1.1	18.1
TL-14	Trailer Park	15.3	0.7	16.5	0.8	15.9	0.8	17.0	0.7	16.2
TL-15	Brimmer's Lane	16.0	0.9	18.9	1.1	19.2	1.0	20.1	1.0	18.6
TL-16	Brimmer's Lane	16.0	0.7	16.6	0.9	16.8	0.8	17.4	0.8	16.7
TL-17	South Road	16.0	0.8	17.0	0.9	16.9	0.9	17.6	1.3	16.9
TL-18	Mill Road	14.4	0.8	15.4	0.8	16.2	0.8	17.2	0.8	15.8
TL-19	Appledore Avenue	14.9	1.1	15.1	0.7	15.4	1.1	16.7	0.9	15.5
TL-20	Ashworth Avenue	16.9	0.8	17.1	0.9	16.1	0.8	18.0	0.9	17.0
TL-21	Route 1A	17.2	0.9	17.2	0.9	18.1	0.8	18.6	0.7	17.8
TL-22	Cable Avenue	14.5	0.9	15.6	0.9	16.8	0.9	17.2	1.0	16.0
TL-23	Ferry Road	15.4	0.7	15.4	0.6	15.4	0.9	16.5	0.6	15.7
TL-24	Ferry Lots Lane	14.0	0.6	14.5	0.7	15.4	1.1	17.3	0.8	15.3
TL-25	Elm Street	14.8	0.8	15.1	0.6	14.9	0.8	15.9	0.6	15.2
TL-26	Route 107A	13.7	0.7	14.9	0.8	16.1	0.7	16.6	0.7	15.3
TL-27	Highland Street	15.8	0.7	16.0	0.7	17.1	1.0	17.0	0.8	16.5
TL-28	Route 150	15.3	0.9	16.6	0.9	16.5	0.8	17.2	0.8	16.4
TL-29	Frying Pan Lane	15.1	0.8	15.4	0.8	15.4	0.9	16.4	1.0	15.6
TL-30	Route 27	15.1	1.0	16.9	1.0	17.4	0.8	18.0	1.1	16.9
TL-31	Alumni Drive	13.0	0.9	14.1	0.8	14.6	0.7	14.9	0.8	14.2
TL-32	SB Elementary School	17.3	1.0	17.8	1.0	18.8	0.8	18.7	0.8	18.2
TL-33	Dock Area	18.4	0.8	20.7	0.8	20.3	1.2	21.4	1.1	20.2
TL-34	Bow Street	18.6	0.9	19.9	0.7	20.0	0.9	20.6	0.9	19.8
TL-35	Lincoln Ack. School	15.7	0.8	18.9	1.0	19.0	0.8	19.0	1.1	18.2
TL-36	Route 97(Control)	14.8	0.9	14.5	0.7	15.0	0.7	15.6	0.8	15.0
TL-37	Plaistow, NH (Control)	15.9	1.1	18.5	0.7	18.4	1.0	19.6	1.2	18.1
TL-38	Hampstead, NH (Control)	20.2	1.0	19.9	1.0	20.2	1.0	21.5	0.8	20.5
TL-39	Fremont, NH (Control)	19.8	1.0	21.1	1.0	21.9	1.2	22.4	1.2	21.3
TL-40	Newmarket, NH (Control)	14.6	0.8	17.0	1.3	18.2	0.8	18.6	0.9	17.1

TABLE 3.13-1 (Continued)

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

2014

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 Over Yr Exp.
TL-41	Portsmouth, NH (Control)	16.9 ±	0.9	17.1 ±	1.1	17.0 ±	0.9	18.2 ±	0.9	17.3
TL-42	Ipswich, MA (Control)	14.5 ±	0.9	13.9 ±	0.8	14.8 ±	0.7	15.0 ±	0.7	14.6
TL-43	Rocks Road Landing (1)	12.4 ±	0.6	N/A		N/A		N/A		12.4
TL-44	SB Education Center	14.1 ±	0.7	13.6 ±	0.8	15.1 ±	1.0	16.3 ±	0.8	14.8
TL-45	Hampton Fire Station	15.5 ±	1.0	16.1 ±	0.7	16.5 ±	0.9	17.9 ±	1.1	16.5
TL-46	SB Police Station	15.4 ±	0.8	16.8 ±	0.9	16.9 ±	0.8	18.1 ±	0.9	16.8
TL-47	Route 84	15.1 ±	0.8	15.8 ±	0.7	16.3 ±	1.1	17.9 ±	0.8	16.3
	Mean of Indicators	15.3		16.3		16.4		17.3		16.3
	Mean of Controls	16.7		17.4		17.9		18.7		17.7

(1) Location removed from program during 2014 since public access to the old boat launching ramp is no longer permitted.

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

FIGURE 3.6

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

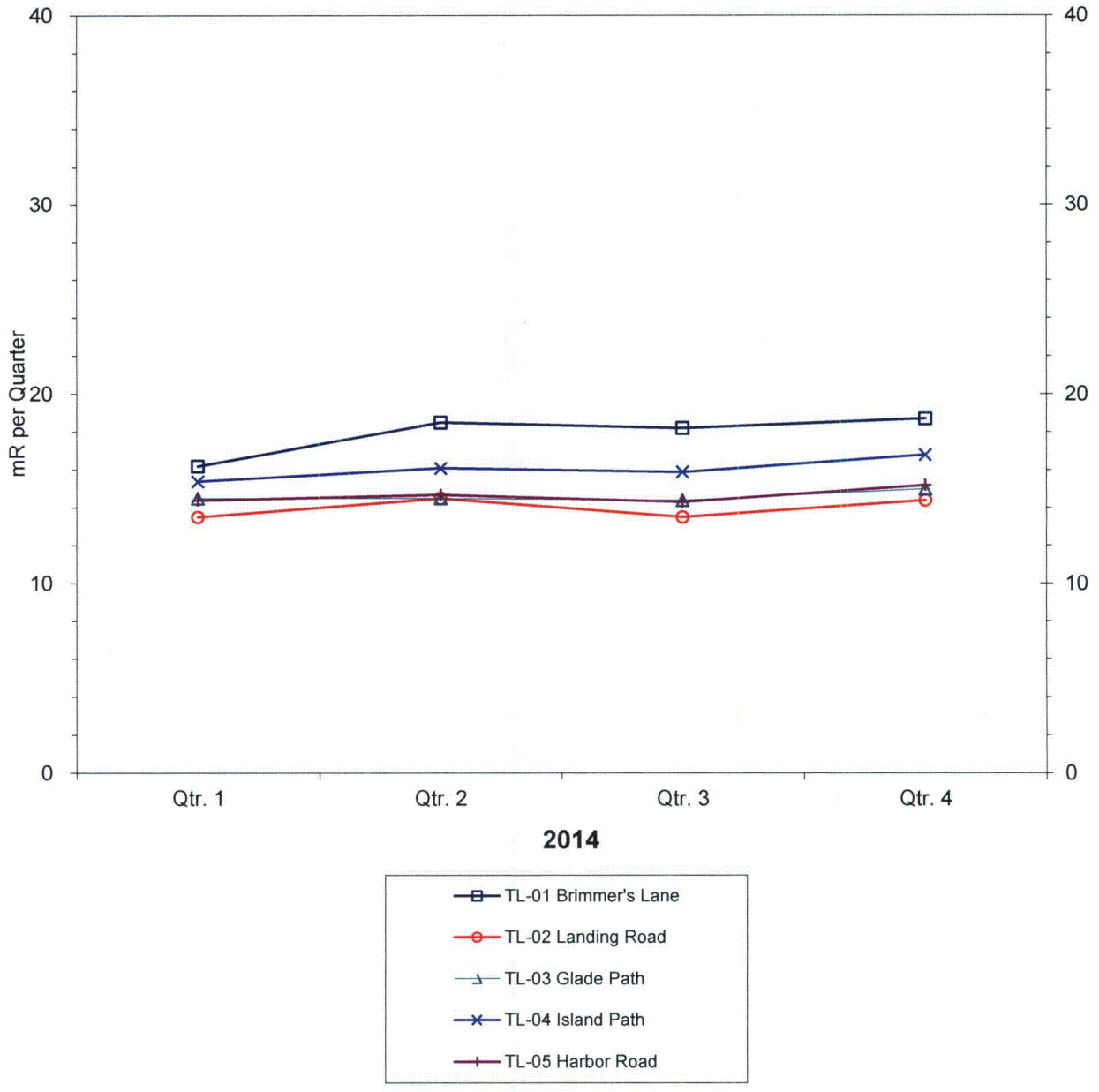


FIGURE 3.6.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

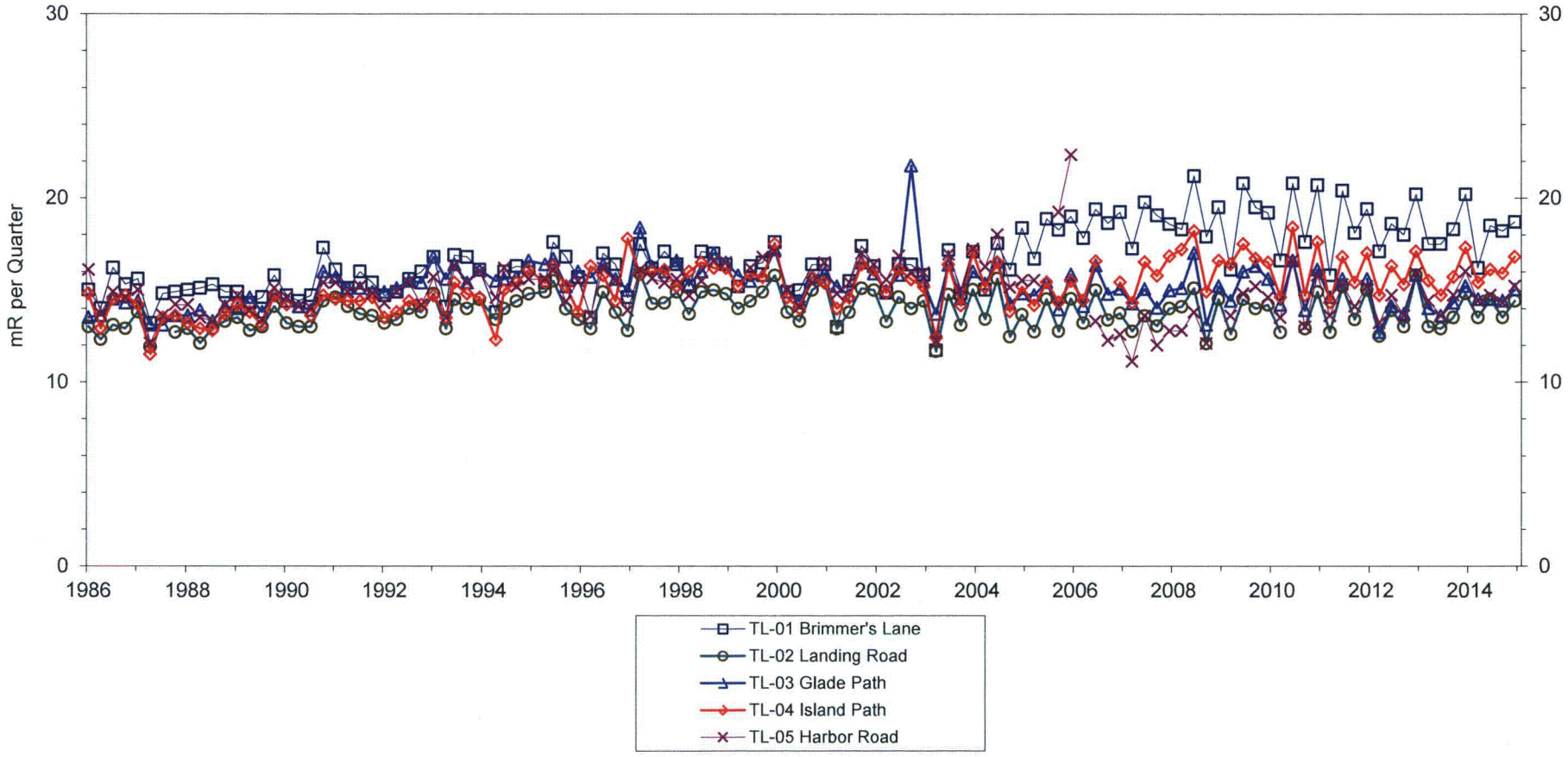


FIGURE 3.7

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

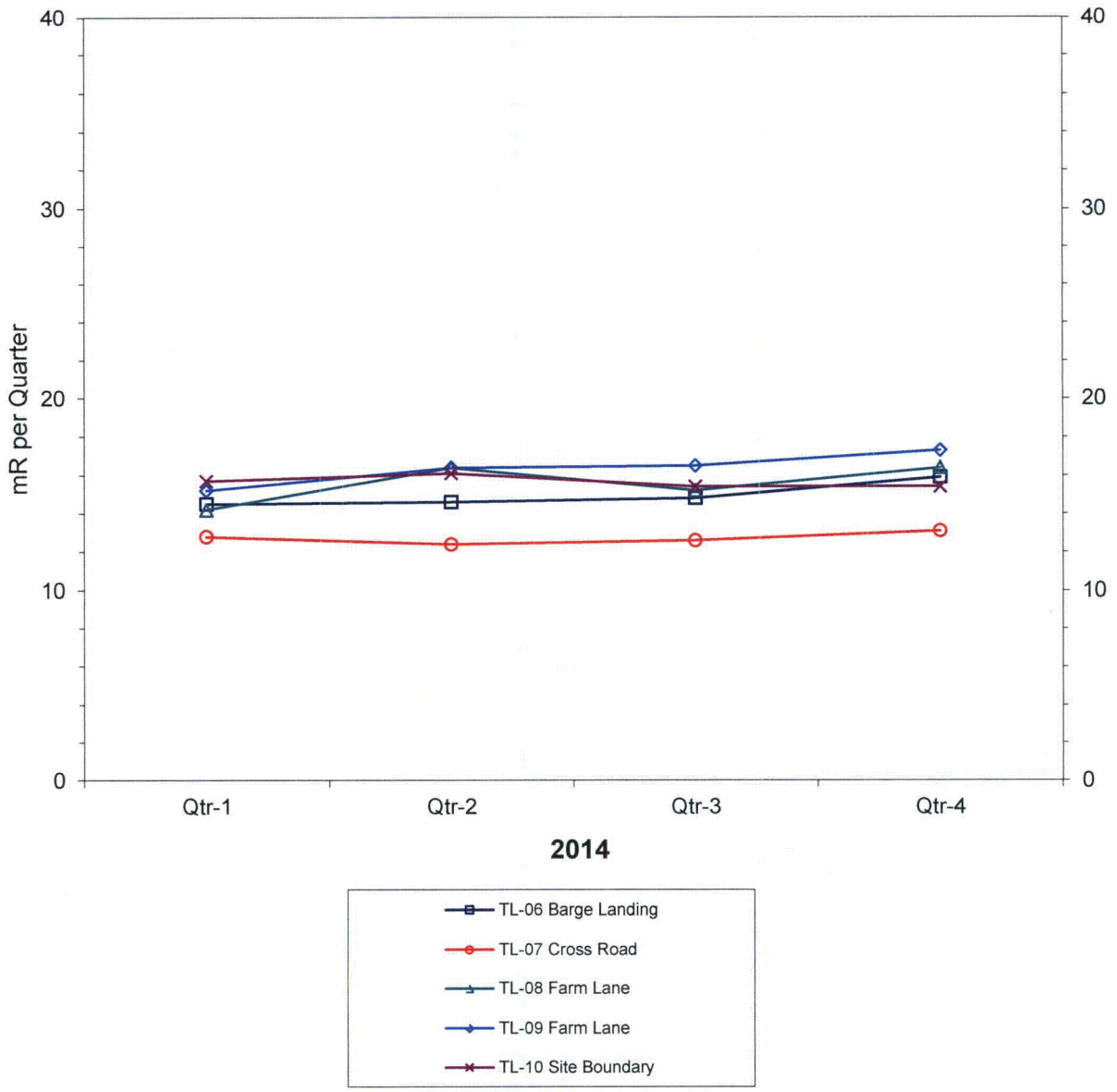


FIGURE 3.7.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

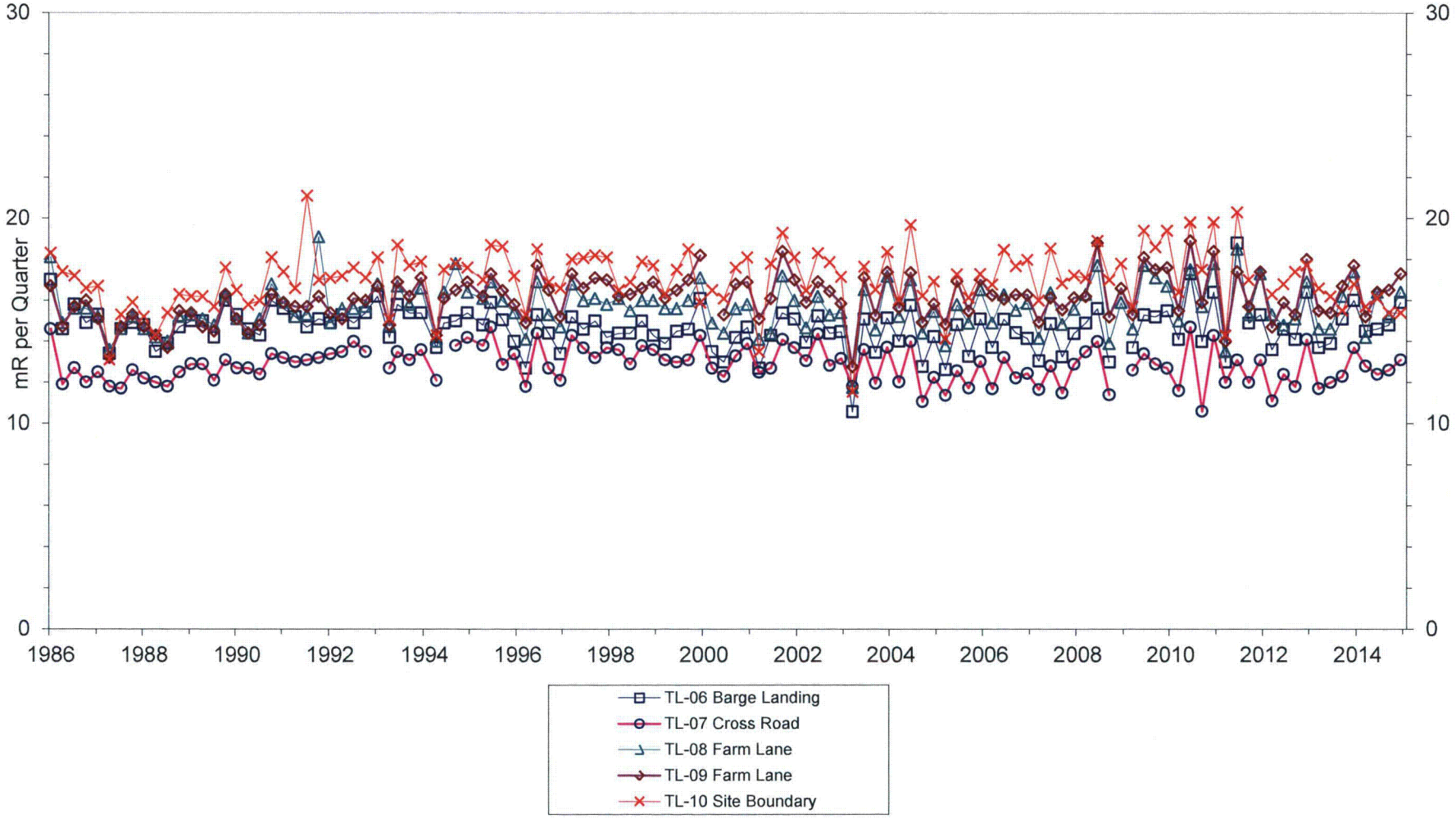


FIGURE 3.8

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

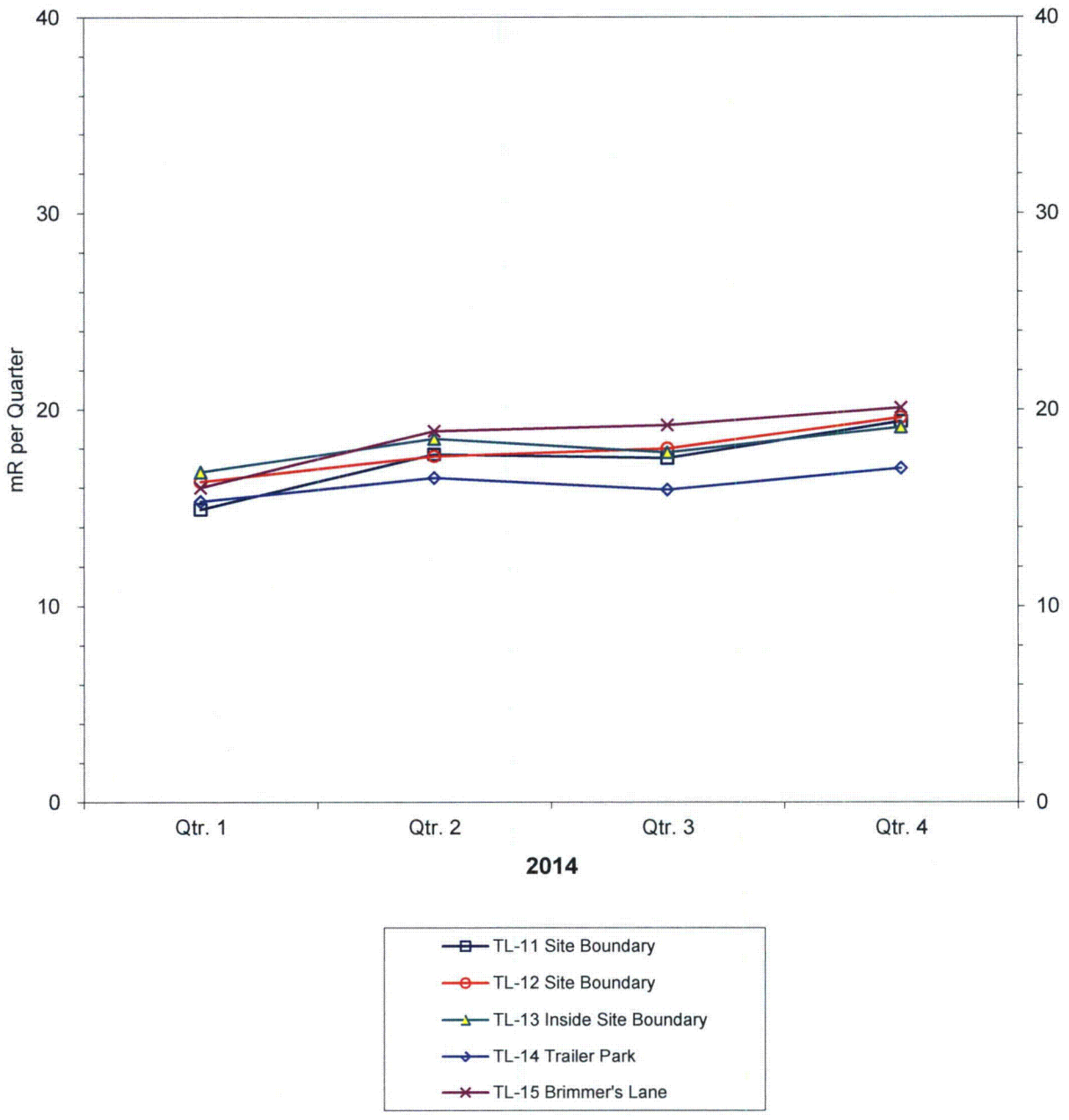


FIGURE 3.8.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

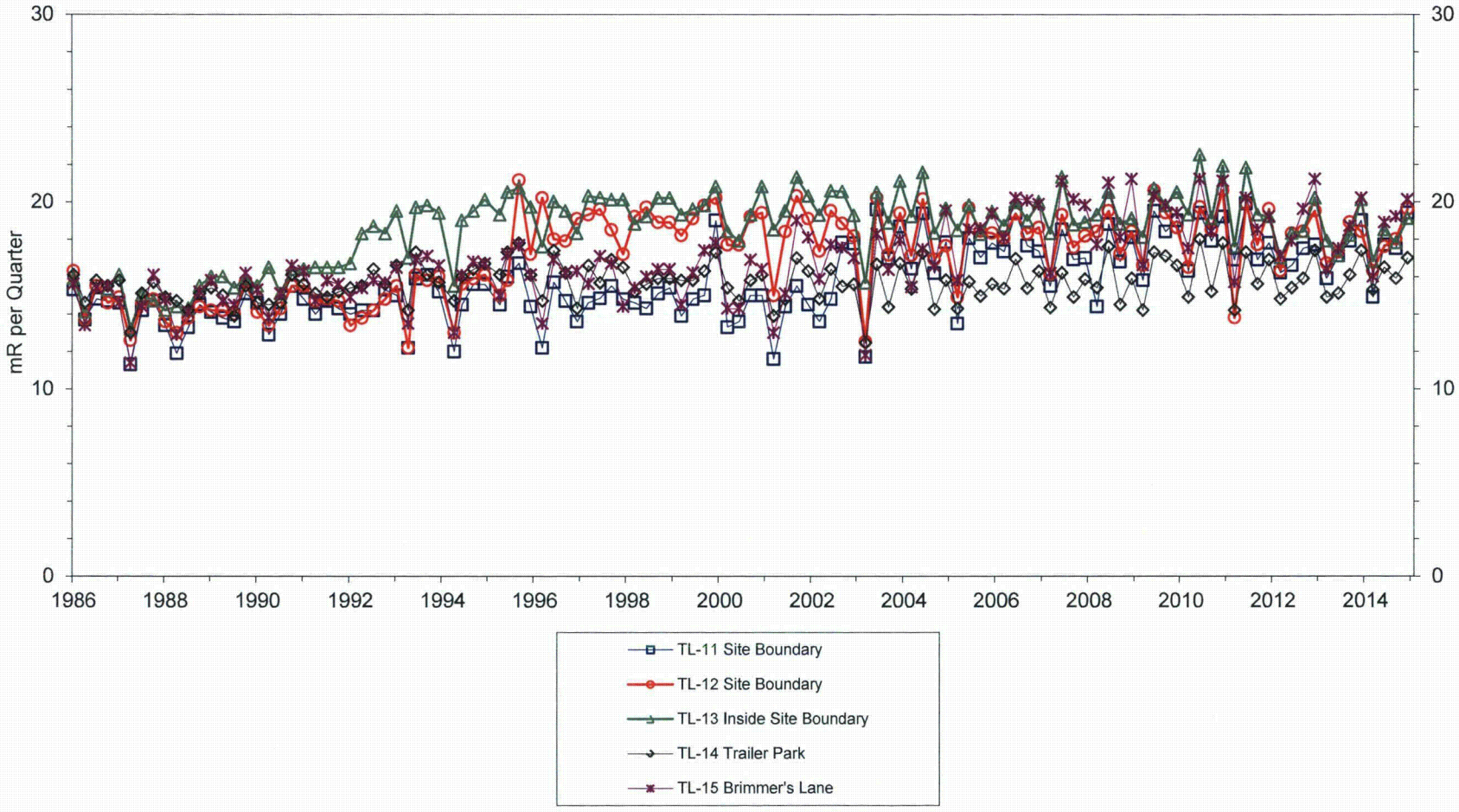


FIGURE 3.9

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

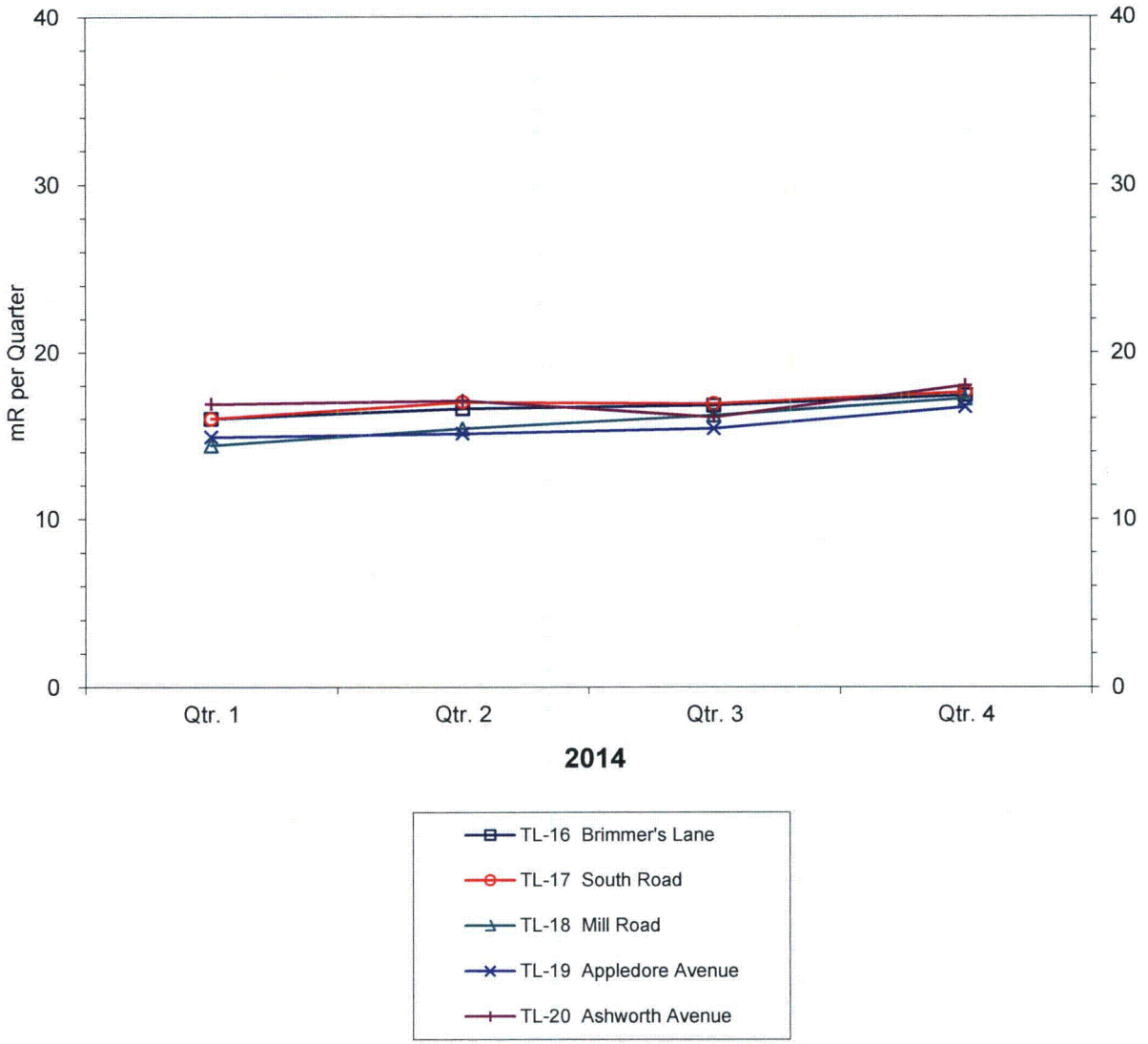


FIGURE 3.9.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

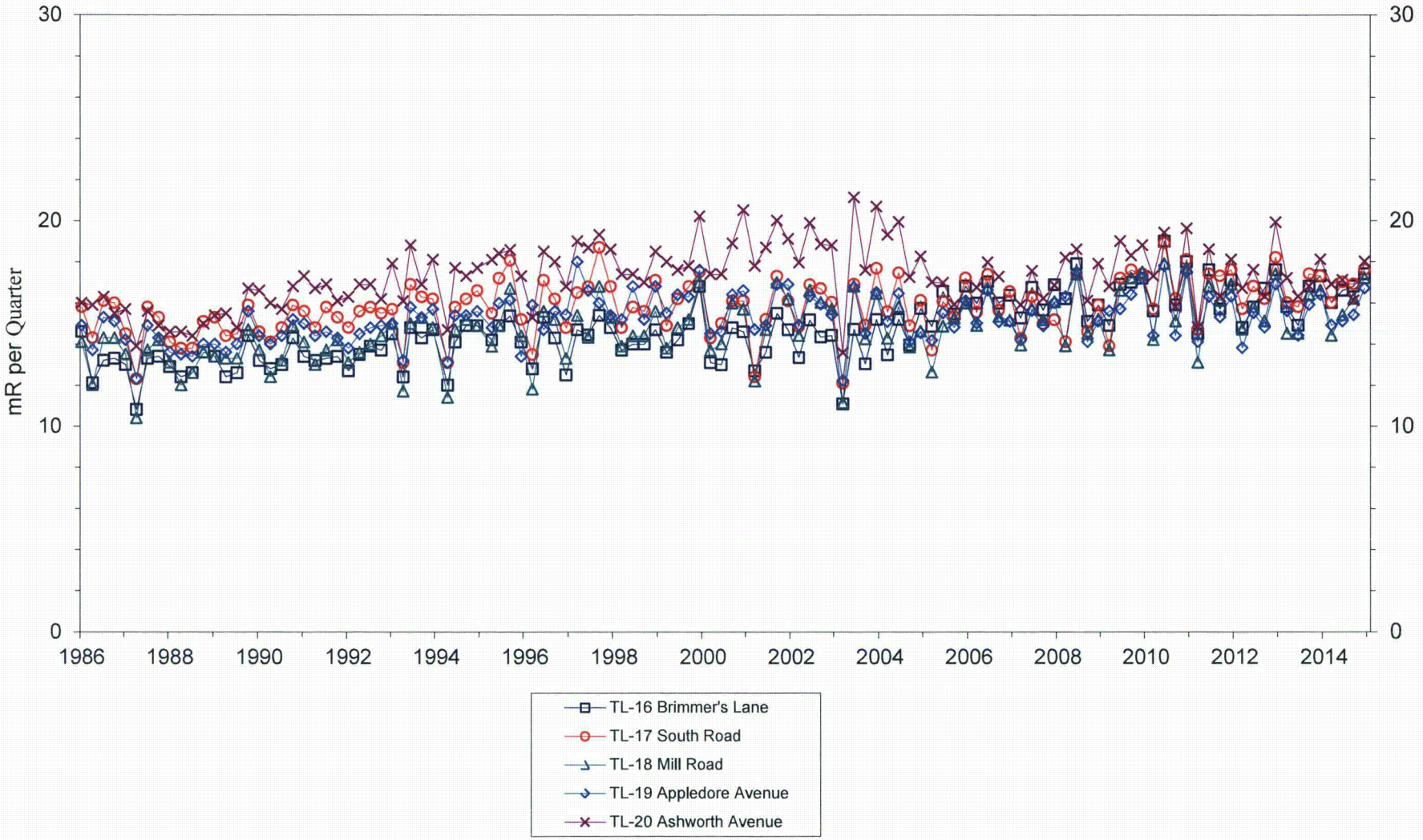


FIGURE 3.10

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

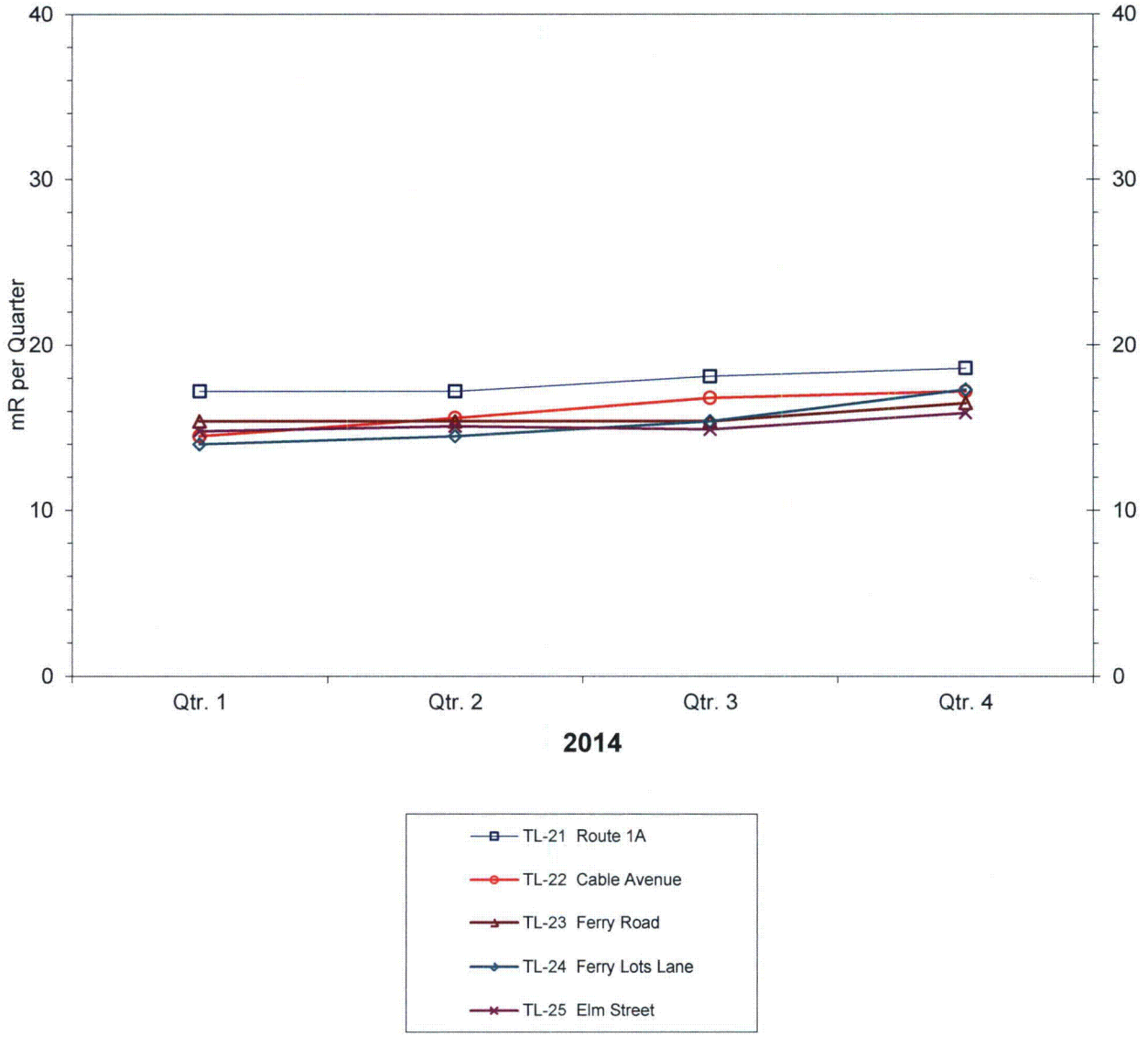


FIGURE 3.10.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

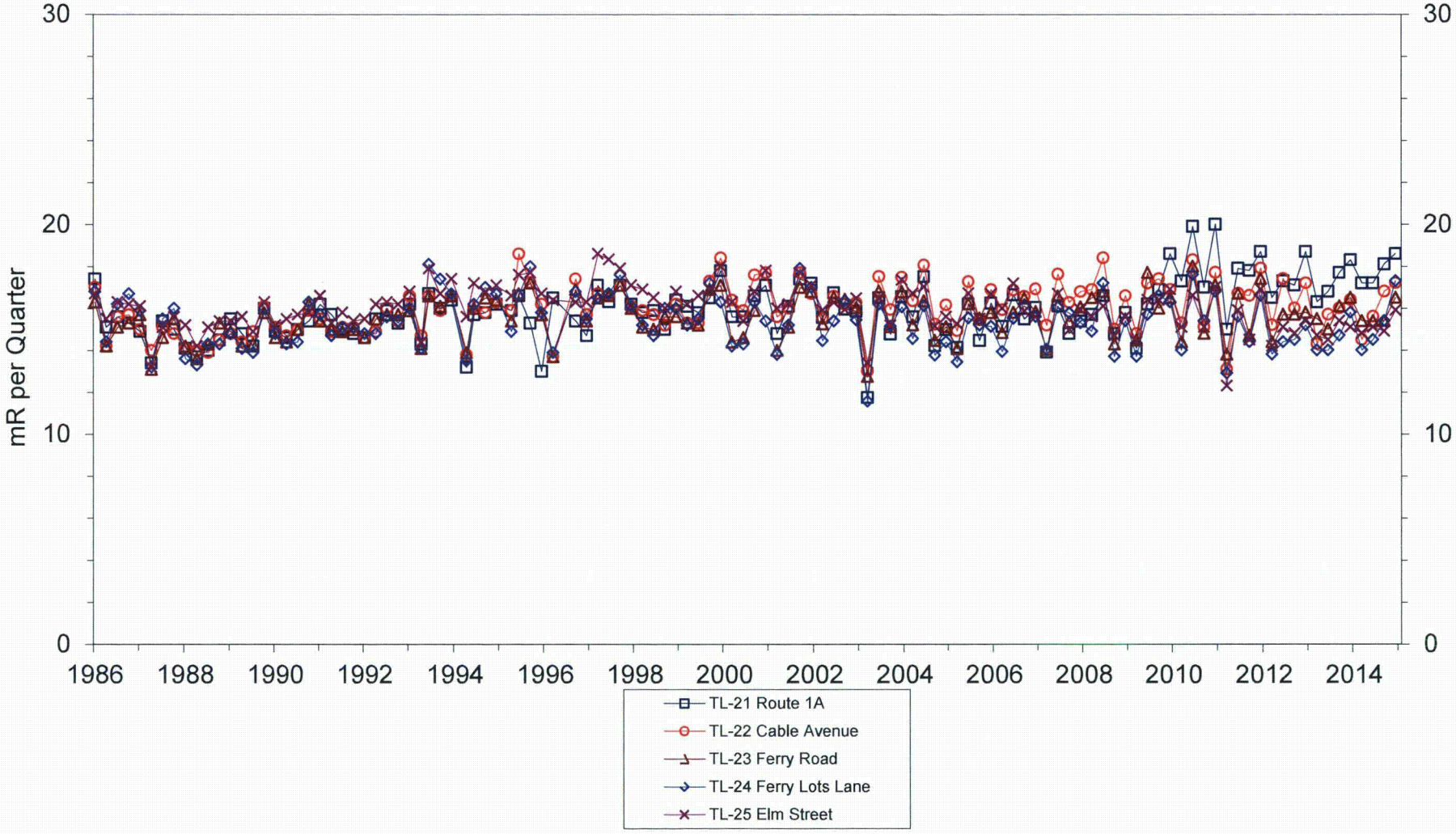


FIGURE 3.11

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

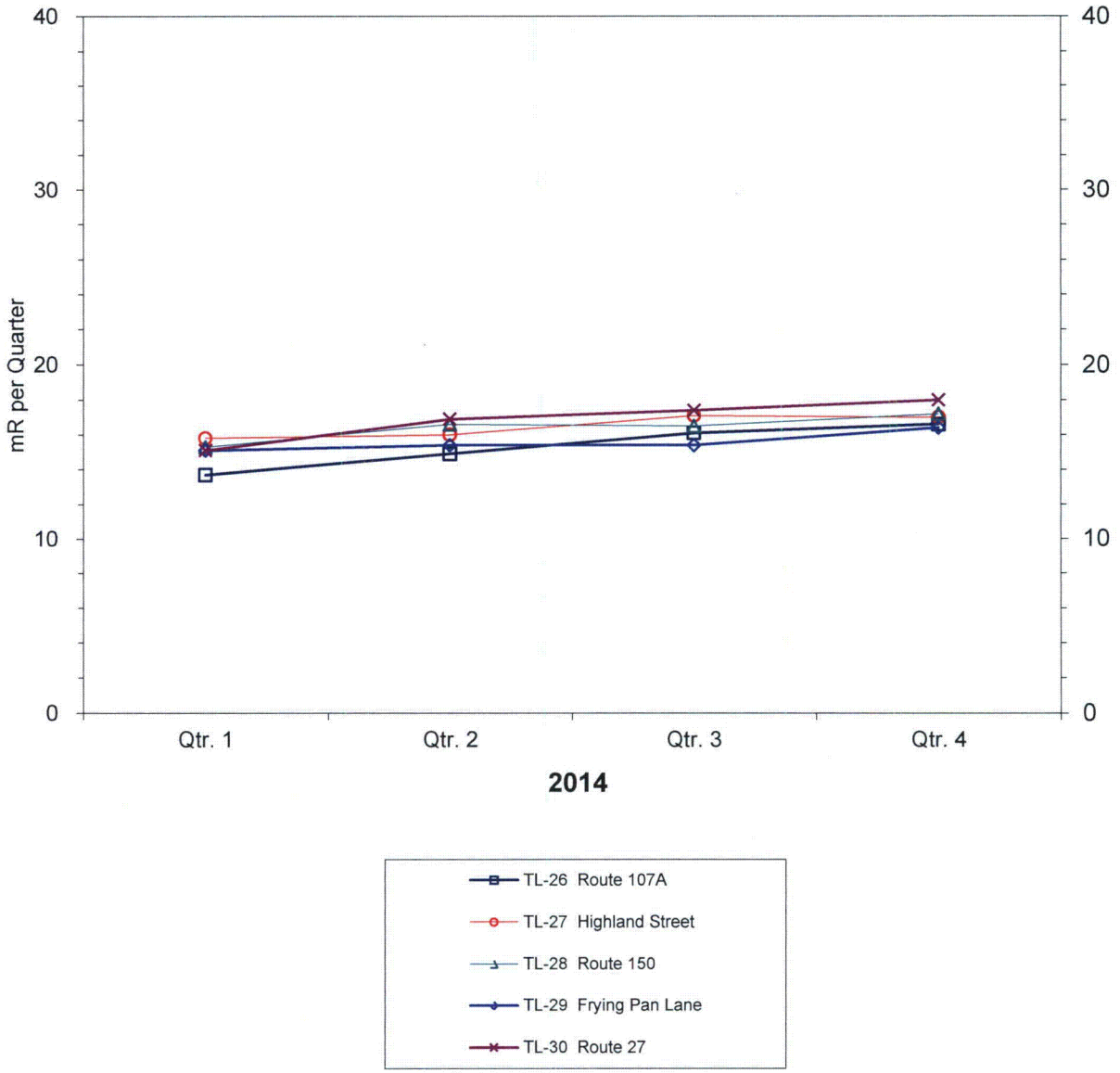


FIGURE 3.11.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

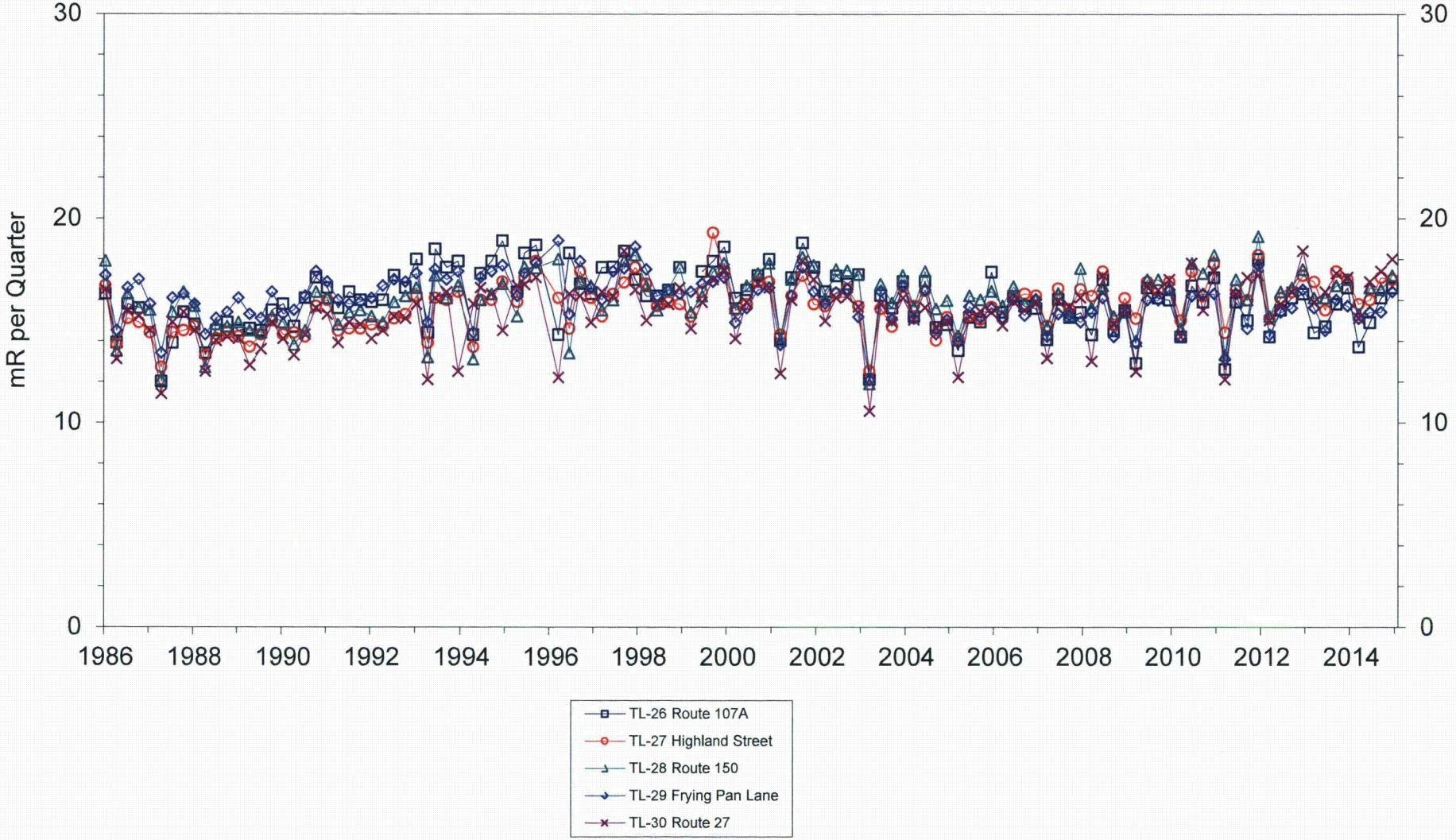


FIGURE 3.12

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

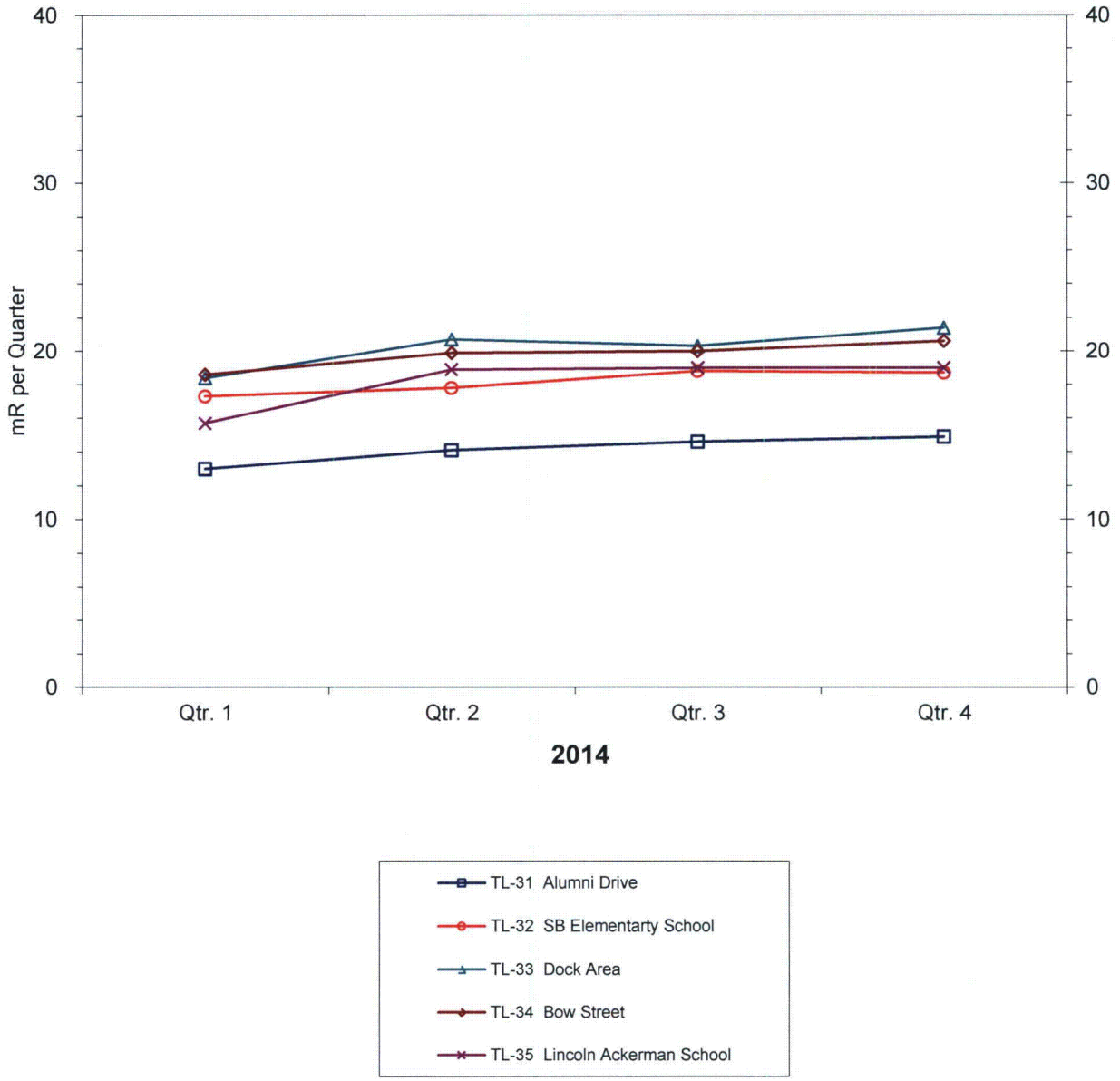


FIGURE 3.12.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

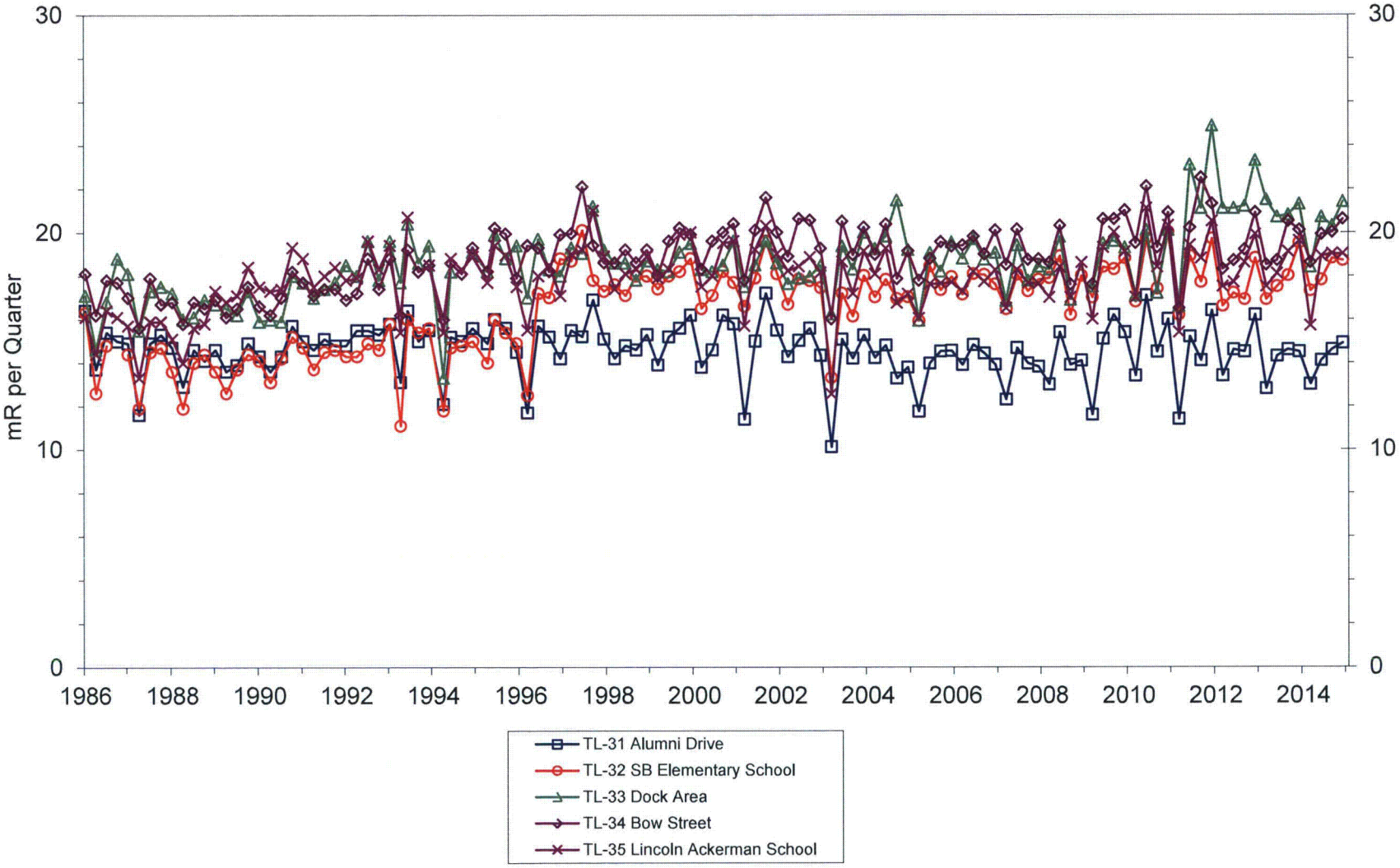


FIGURE 3.13

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs) SEABROOK STATION

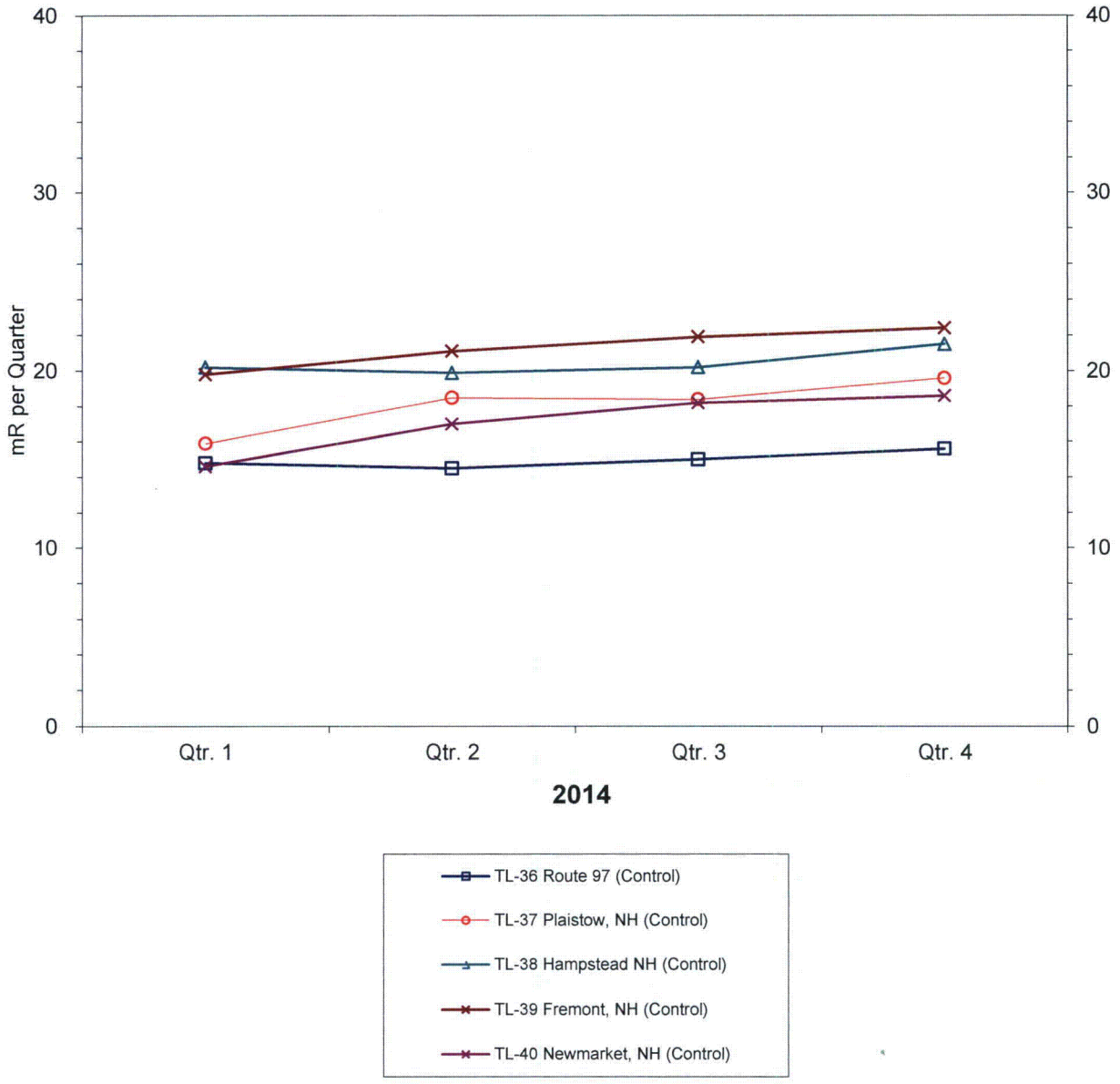


FIGURE 3.13.1

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

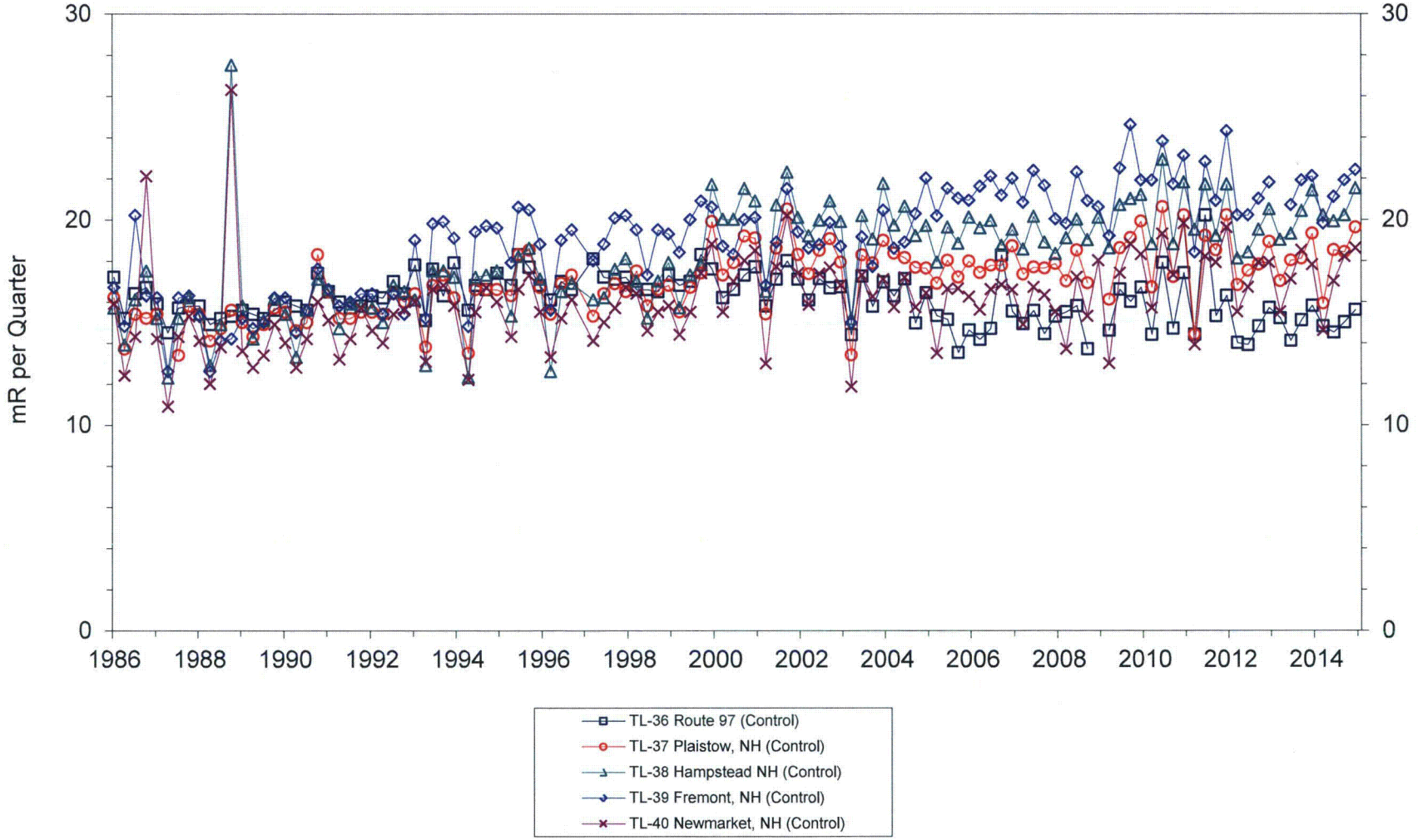


FIGURE 3.14

ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

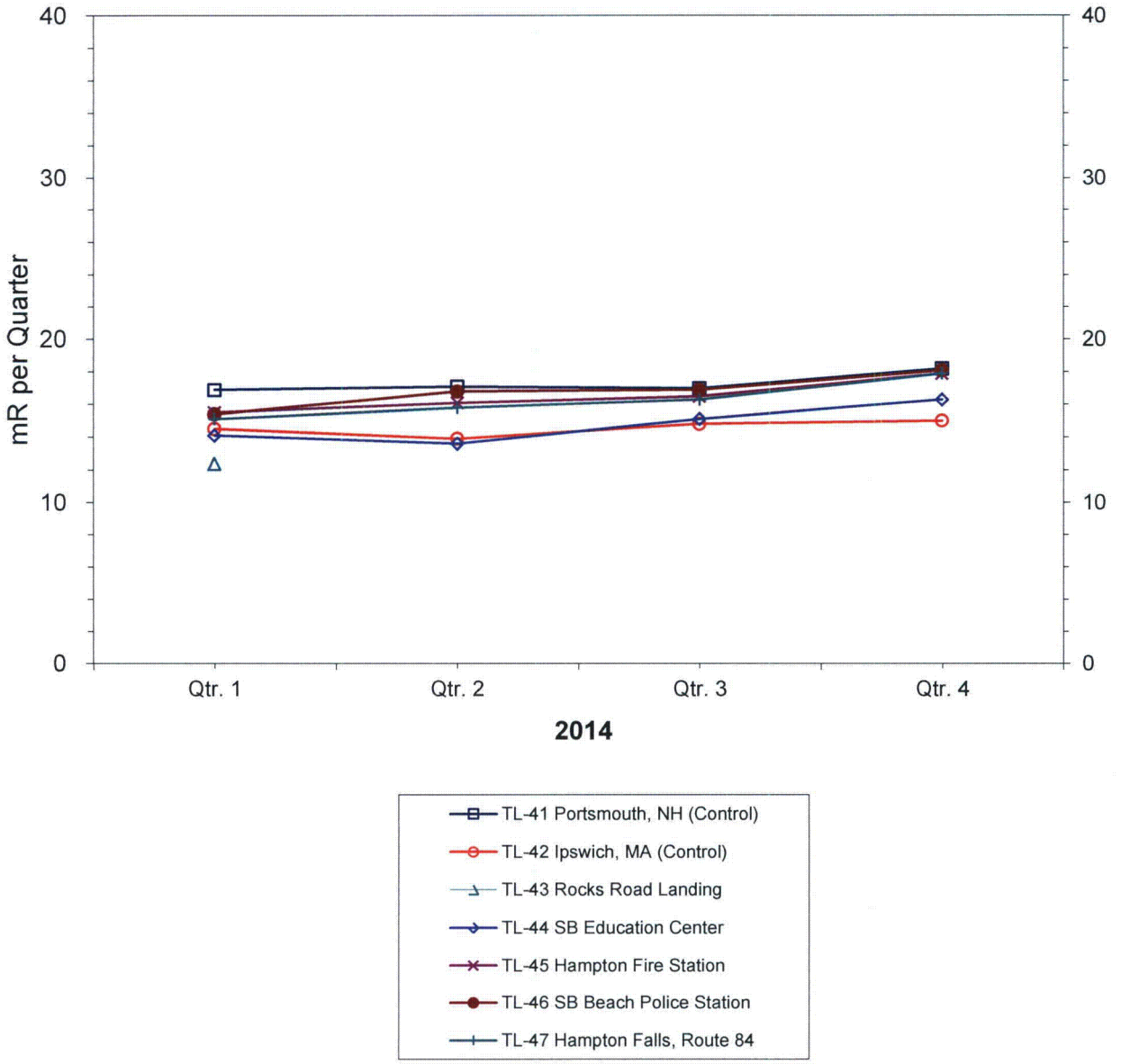
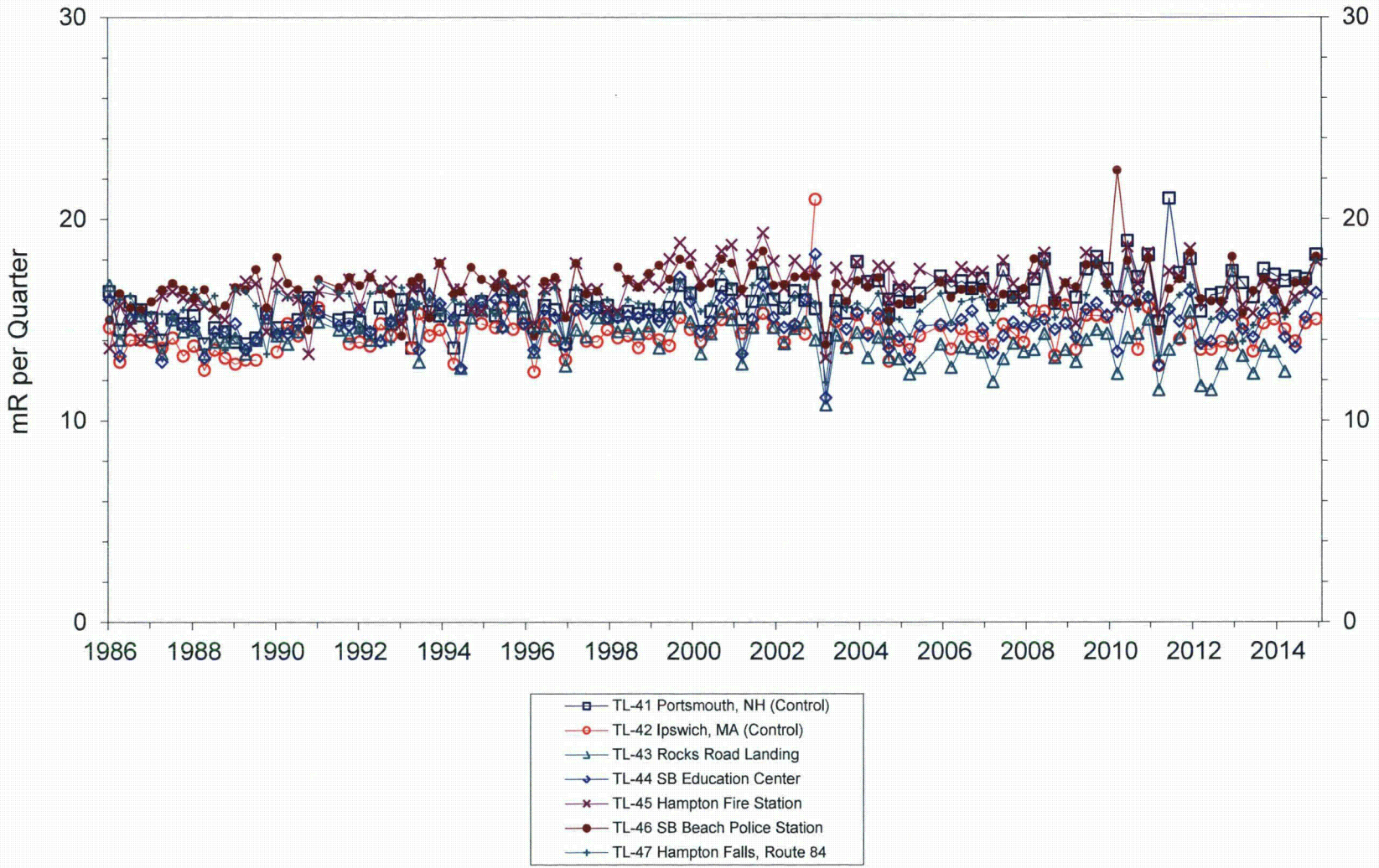


FIGURE 3.14.1

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 (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.

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, bringing the total to 14 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 south 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 location. 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 2014 data for the DFS REMP is shown in Table 4.1-1. Figures 4.1, 4.2 and 4.3 show the quarterly 2014 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 (12 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 2014 annual mean of all indicator locations for the DFS was 16.6 mR/91-day quarter with the mean of all control locations also calculated as 17.7 mR/91-day quarter. There was no notable difference detected in the annual exposure rates in areas were 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.

The DFS radiation monitoring program in 2014 demonstrated that there was no offsite dose to the members of the public or detectable on-site exposures where members of the public are permitted (Science and Nature Center, Firing Range and Fitness Center) from the operations of the DFS.

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

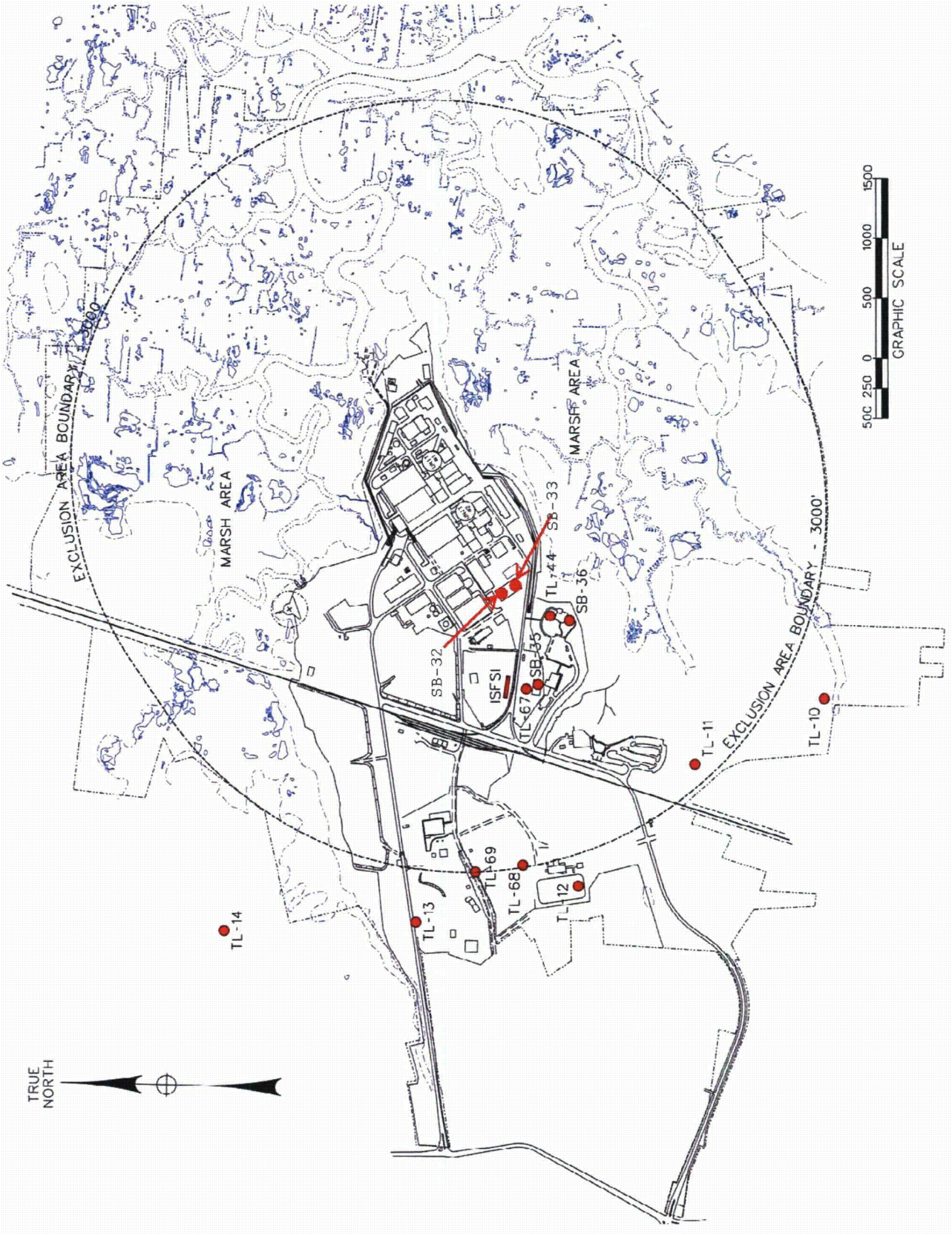


Table 4.0-1

Dry Fuel Storage (DFS) TLD Monitoring Locations

Site Designation Code	TLD Sample Location Description	Distance From DFS Pad (km)	Direction From DFS Pad
TL-44	On-site, outside Science & Nature Center [1]	0.21	ESE
SB-36	On-site, inside Science & Nature Center	0.24	SE
TL-67	On-site, outside near old Fitness Center parking [1][3]	0.05	S
SB-35	On-site, inside old Fitness Center [3]	0.08	S
SB-32	High-Rise Building, 3rd Floor[1]	0.23	E
SB-33	High-Rise Building, 1st Floor (new Fitness Center)[1]	0.23	E
TL-68	Nearby site boundary (firing range) to DFS	0.45	W
TL-69	Nearby site boundary (Rocks Rd) to DFS	0.47	W
TL-10	Site Boundary Fence [2]	0.77	S
TL-11	Site Boundary Fence [2]	0.52	SSW
TL-12	Site Boundary fence [2]	0.53	WSW
TL-13	Inside Site Boundary [2]	0.61	WNW
TL-14	Trailer Park, Seabrook [2]	0.94	NW
TL-36	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) Location removed due to relocation of the Fitness Center to the High Rise office building.

TABLE 4.1-1

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

2014

Sta. No.	Description	1st Quarter Exp.	1st Quarter S.D.	2nd Quarter Exp.	2nd Quarter S.D.	3rd Quarter Exp.	3rd Quarter S.D.	4th Quarter Exp.	4th Quarter S.D.	Qtr Ave Exp.
TL-44	Outside Science & Nature[1]	14.1 ±	0.7	13.6 ±	0.8	15.1 ±	1.0	16.3 ±	0.8	14.8
SB-36	Inside Science & Nature C.	14.8 ±	0.7	15.1 ±	0.5	14.6 ±	0.8	16.5 ±	0.9	15.3
TL-67	Outside old Fitness Cntr[1][3]	23.1 ±	1.4	N/A		N/A		N/A		23.1
SB-35	Inside old Fitness Center [3]	N/A		N/A		N/A		N/A		N/A
SB-32	High-Rise 3rd Floor [1]	13.4 ±	0.7	12.6 ±	0.9	12.3 ±	0.8	14.5 ±	0.8	13.2
SB-33	High-Rise 1st Floor [1]	14.8 ±	0.8	15.5 ±	0.7	14.6 ±	0.7	18.0 ±	1.0	15.7
TL-68	Nearby Site Boundary to DFS	16.5 ±	1.0	16.9 ±	0.7	18.2 ±	0.9	18.8 ±	0.8	17.6
TL-69	Nearby Site Boundary to DFS	13.6 ±	0.6	14.1 ±	0.6	14.6 ±	0.8	15.3 ±	0.8	14.4
TL-10	Site Boundary Fence [2]	15.7 ±	0.8	16.1 ±	0.7	15.4 ±	0.7	15.4 ±	0.7	15.7
TL-11	Site Boundary Fence [2]	14.9 ±	0.9	17.7 ±	0.8	17.5 ±	0.9	19.4 ±	0.7	17.4
TL-12	Site Boundary Fence [2]	16.3 ±	1.0	17.6 ±	1.4	18.0 ±	0.9	19.6 ±	0.9	17.9
TL-13	Inside Site Boundary [2]	16.8 ±	0.7	18.5 ±	0.8	17.8 ±	0.8	19.1 ±	1.1	18.1
TL-14	Trailer Park Seabrook [2]	15.3 ±	0.7	16.5 ±	0.8	15.9 ±	0.8	17.0 ±	0.7	16.2
TL-36	Rt 97,Georgetown(control)[2]	14.8 ±	0.9	14.5 ±	0.7	15.0 ±	0.7	15.6 ±	0.8	15.0
TL-37	Plaistow, NH (Control)[2]	15.9 ±	1.1	18.5 ±	0.7	18.4 ±	1.0	19.6 ±	1.2	18.1
TL-38	Hampstead, NH (Control)[2]	20.2 ±	1.0	19.9 ±	1.0	20.2 ±	1.0	21.5 ±	0.8	20.5
TL-39	Fremont, NH (Control)[2]	19.8 ±	1.0	21.1 ±	1.0	21.9 ±	1.2	22.4 ±	1.2	21.3
TL-40	Newmarket, NH (Control)[2]	14.6 ±	0.8	17.0 ±	1.3	18.2 ±	0.8	18.6 ±	0.9	17.1
TL-41	Portsmouth,NH(Control)[1][2]	16.9 ±	0.9	17.1 ±	1.1	17.0 ±	0.9	18.2 ±	0.9	17.3
TL-42	Ipswich, MA (Control)[1][2]	14.5 ±	0.9	13.9 ±	0.8	14.8 ±	0.7	15.0 ±	0.7	14.6
	Mean of Indicators	15.8		15.8		15.8		17.3		16.6
	Mean of Controls	16.7		17.4		17.9		18.7		17.7

(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.
(3) Locations removed from program due to relocation of fitness center to High Rise building.

FIGURE 4.1

DFS CONTROL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

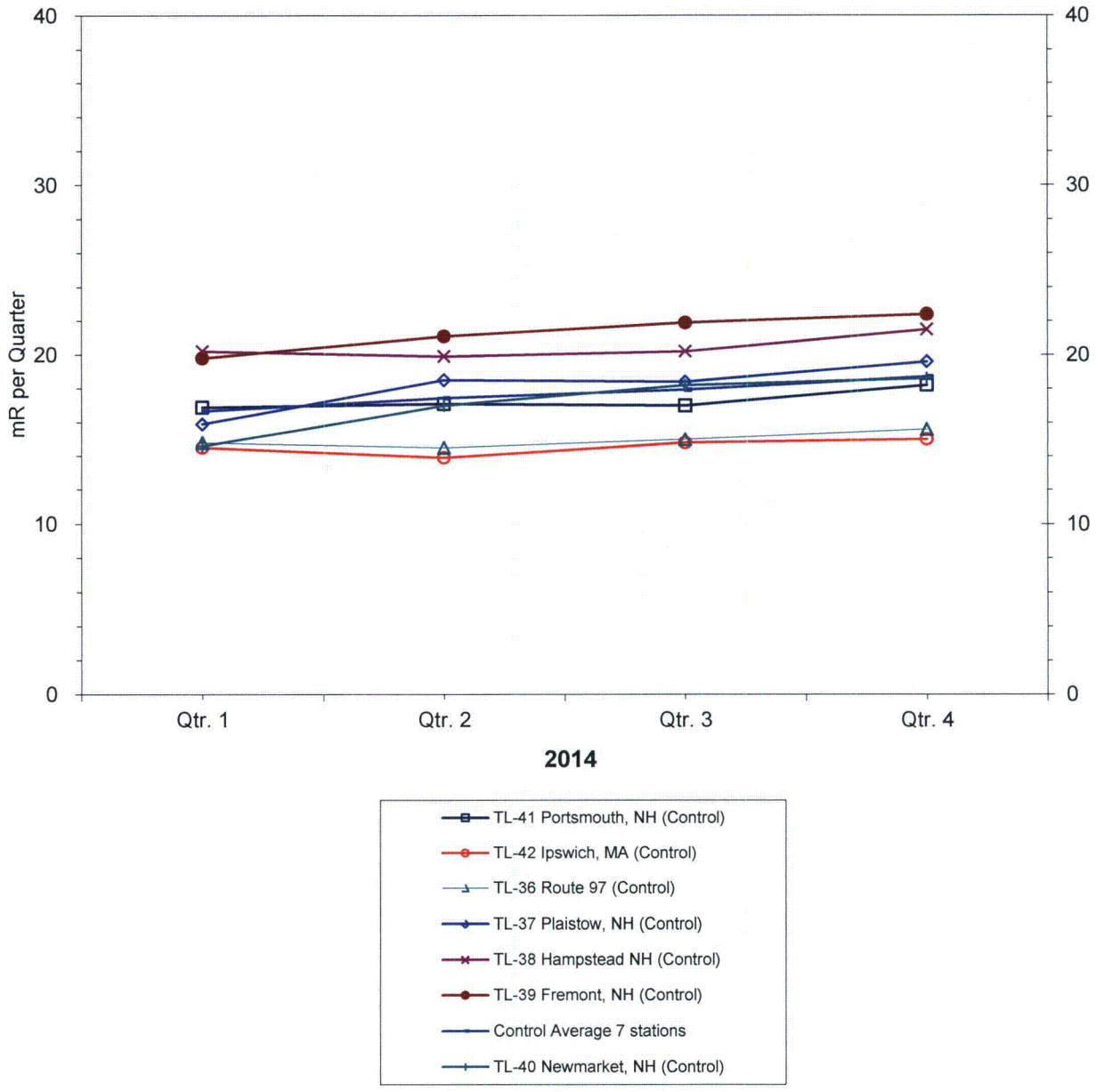


FIGURE 4.2

DFS ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

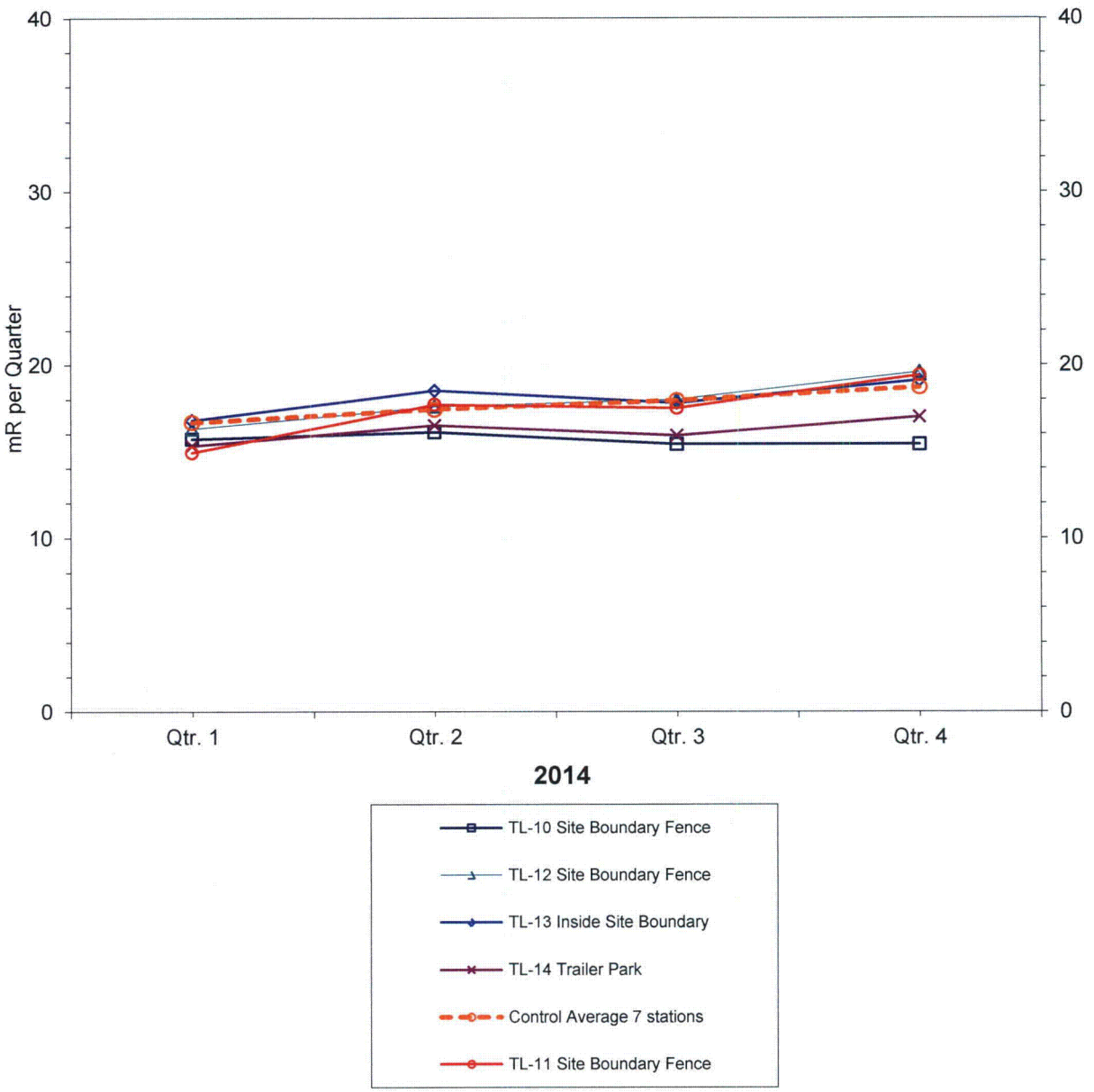


FIGURE 4.3

DFS ENVIRONMENTAL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

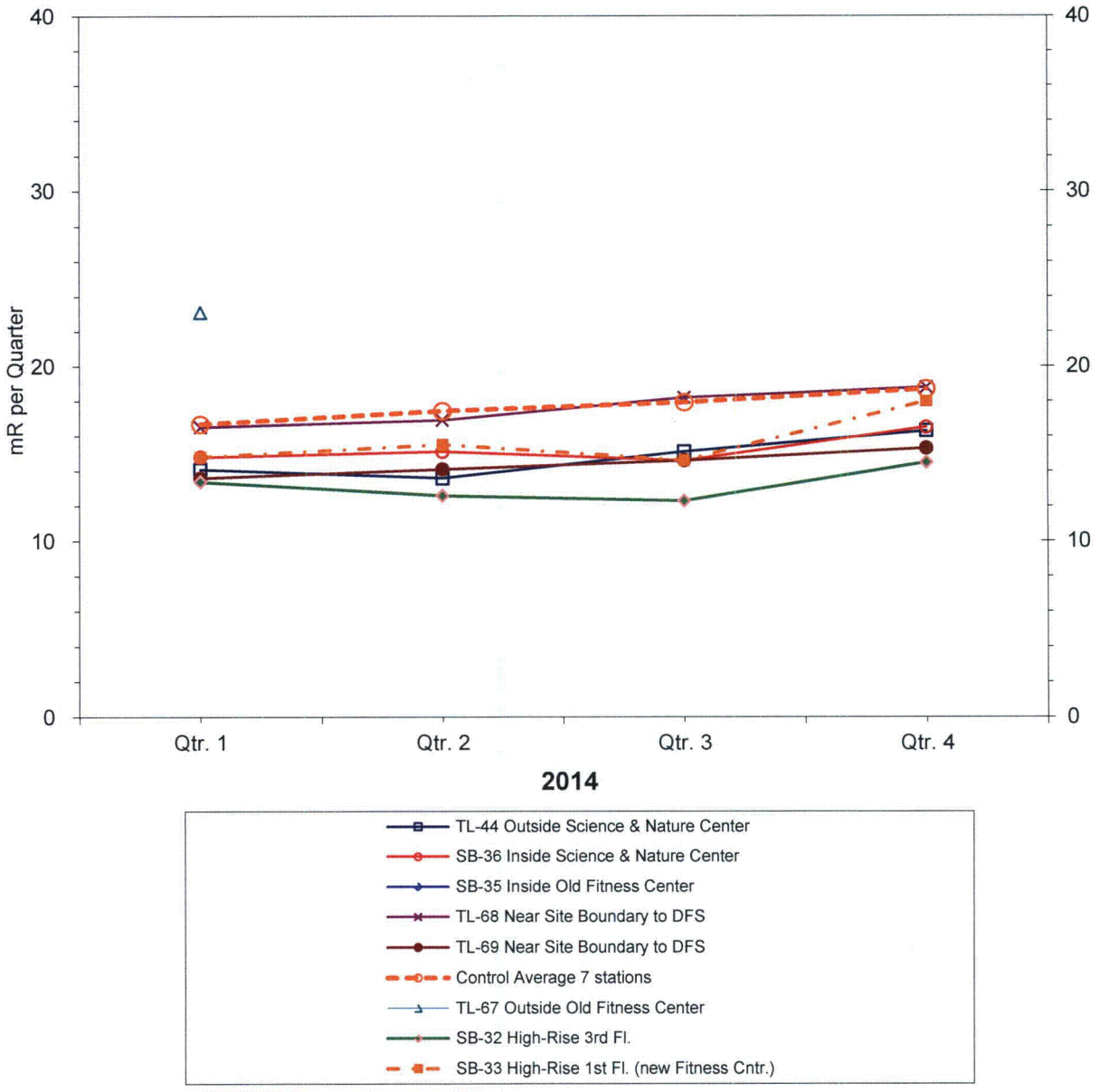


FIGURE 4.4

DFS CONTROL RADIATION MEASUREMENTS (USING TLDs)
SEABROOK STATION

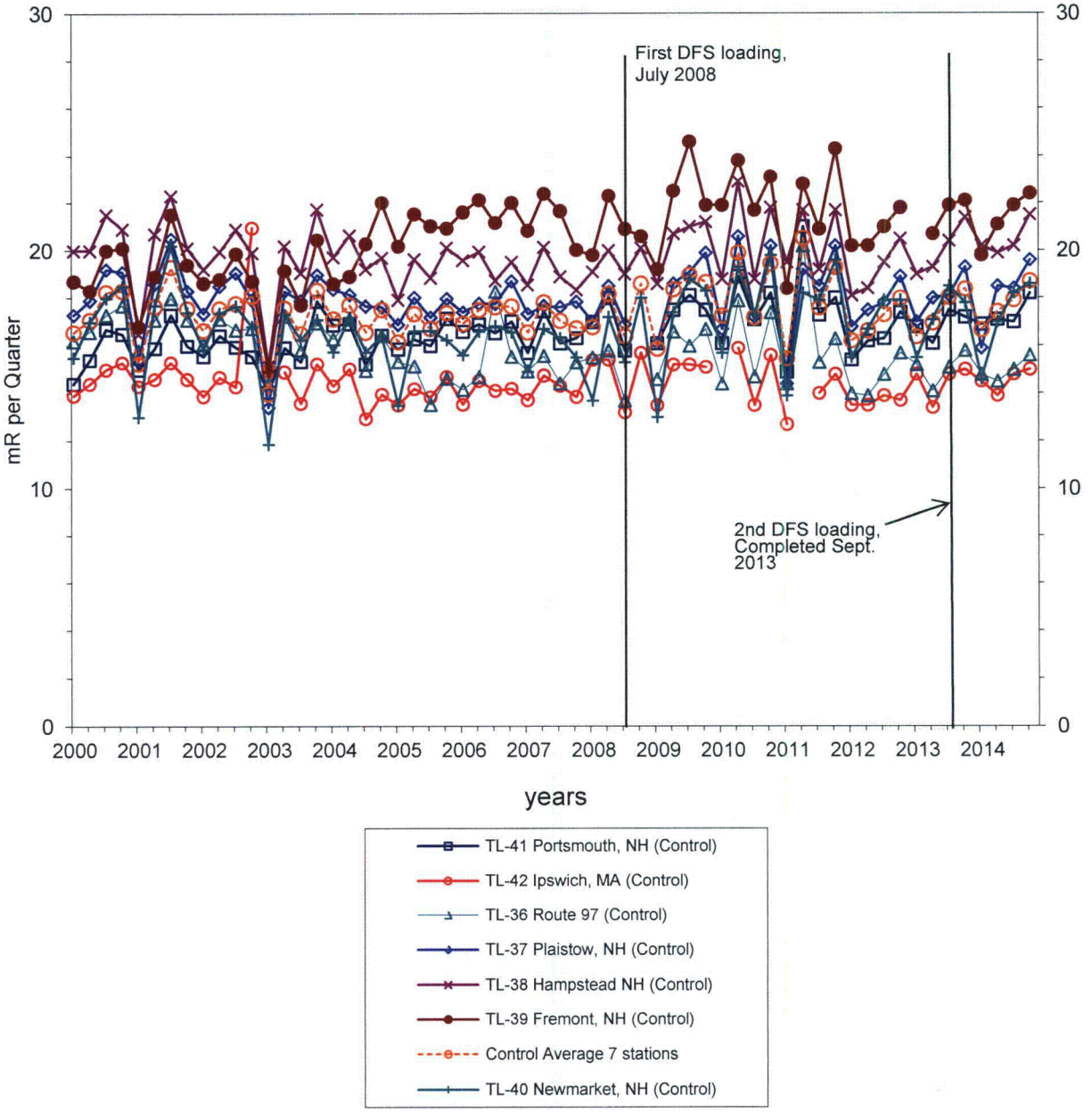


FIGURE 4.5

DFS RADIATION MEASUREMENTS TRENDS (USING TLDs)
SEABROOK STATION

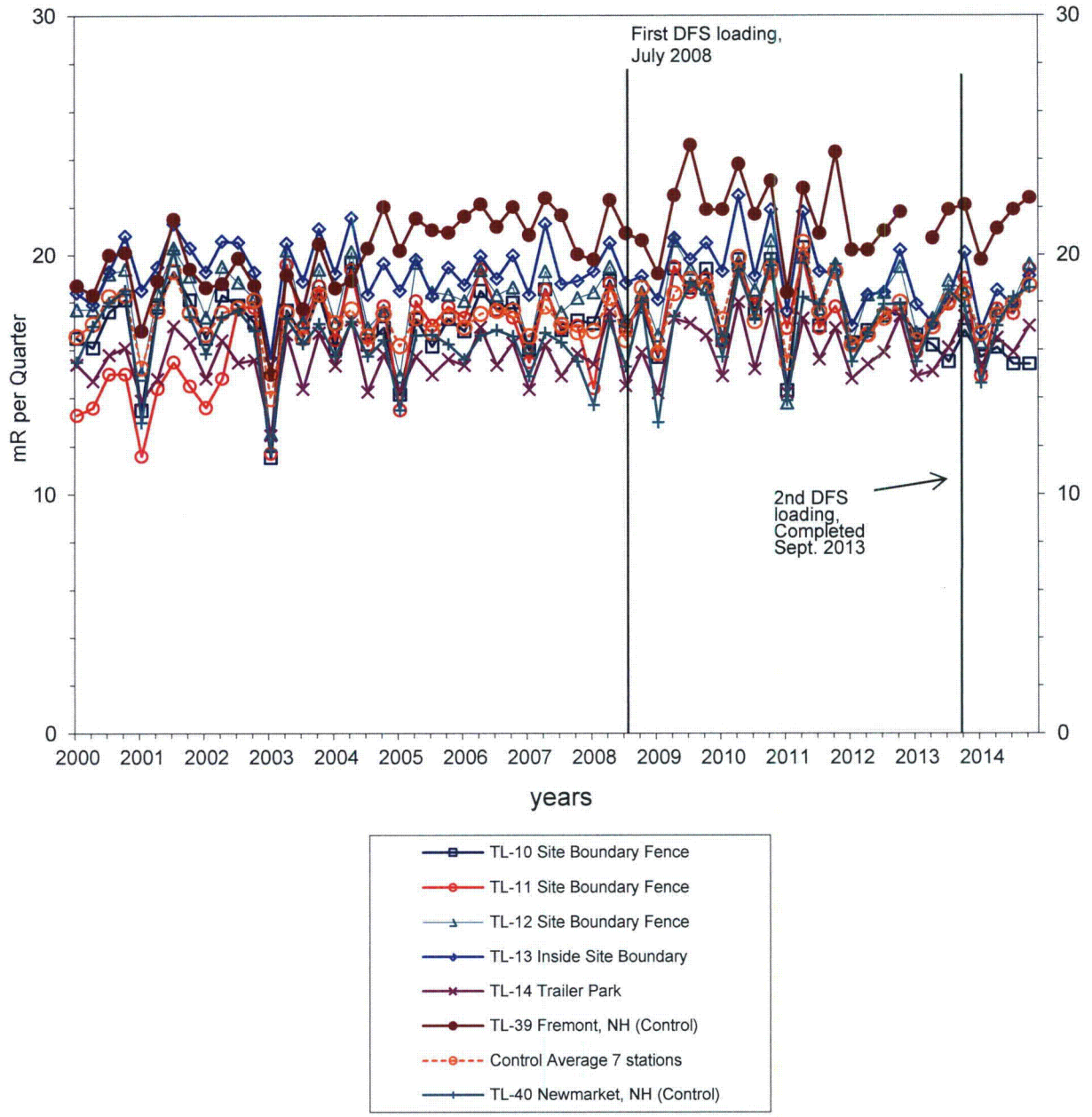
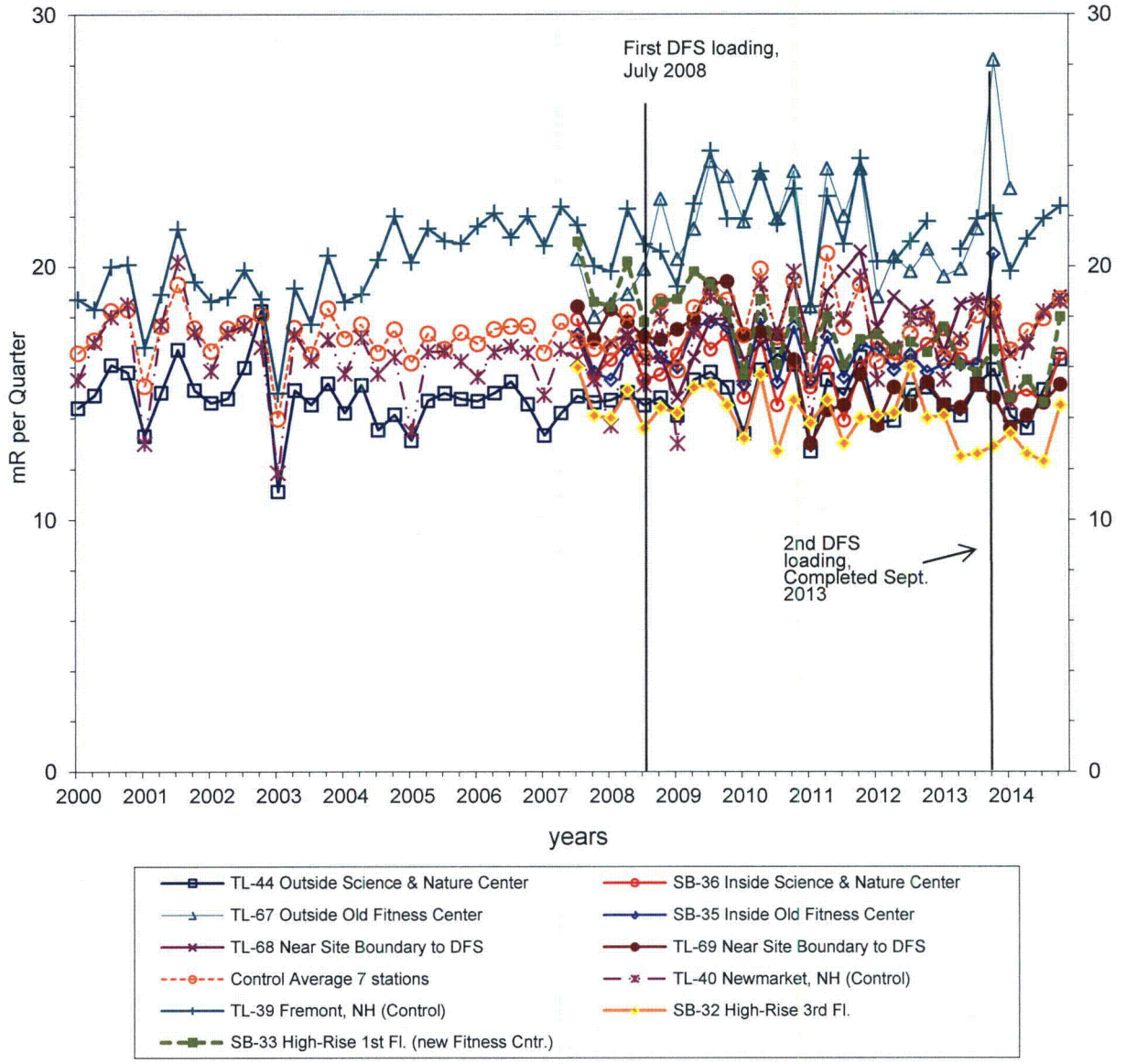


FIGURE 4.6

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 2014 are as follows:

- On 08/14/2014, a loss of power to air sampling station AP/CF-03 (duration approximately 29 minutes) was recorded between 2:39 pm and 3:07 pm when the GFI outlet had tripped. This was likely due to excessive moisture in the sample station housing from a storm the day before. The outlet GFI was reset and the pump was returned to service. The out of service time did not impact the ability to collect sufficient sample volume over the collection cycle for analysis.

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 2014, 1268 analyses had an LLD requirement listed in Table 5.2-1, and in all cases the LLD requirements were met.

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 2014, 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 and environmental monitoring aspects of GEL for 2014. 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 "2014 Annual Quality Assurance Report for the Radiological Environmental Monitoring Program (REMP)", dated February 13, 2015, and includes:

- Intra-laboratory QC results analyzed during 2014.
- Inter-laboratory QC results analyzed during 2014 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 participate 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 Discharge Monitoring Report, Quality Assurance Program (DMR-QA). Annual national program sponsored by EPA for laboratories engaged in the analysis of samples associated with the NPDES monitoring program. Participation is mandatory for all holders of NPDES permits. The permit holder must analyze for all of the parameters listed on the discharge permit. Parameters include general chemistry, metals, BOD/COD, oil and grease, ammonia, nitrates, etc.

- Department of Energy Mixed Analyte Performance Evaluation Program (MAPEP). A semiannual program developed by DOE in support of DOE contractors performing waste analyses. Participation is required for all laboratories that perform environmental analytical measurements in support of environmental management activities. This program includes radioactive isotopes in water, soil, vegetation and air filters.

- ERA's MRAD-Multimedia Radiochemistry Proficiency test program. This program is for labs seeking certification for radionuclides in wastewater and solid waste. The program is conducted in strict compliance with USEPA National Standards for Water Proficiency study.

- ERA's InterLab RadChem Proficiency Testing Program for radiological analyses. This program completes the process of replacing the USEPA EMSL-LV Nuclear Radiation Assessment Division program discontinued in 1998. Laboratories seeking certification for radionuclide analysis in drinking water also use the study. This program is conducted in strict compliance with the USEPA National Standards for Water Proficiency Testing Studies. This program encompasses Uranium by EPA method 200.8 (for drinking water certification in Utah/Primary NELAP), gamma emitters, Gross Alpha/Beta, Iodine-131, naturally-occurring radioactive isotopes, Strontium-89/90, and Tritium.

- ERA's Water Pollution (WP) biannual program for waste methodologies includes parameters for both organic and inorganic analytes.

- ERA's Water Supply (WS) biannual program for drinking water methodologies includes parameters for organic and inorganic analytes.

- Environmental Cross-Check Program administered by Eckert & Ziegler Analytics, Inc. This program encompasses radionuclides in water, soil, milk, naturally-occurring radioactive isotopes in soil and air filters.

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

- NELAC, National Environmental Laboratory Accreditation Program
- DOECAP, U.S. Department of Energy Consolidated Audit Program
- DOELAP, U.S. Department of Energy Laboratory Accreditation Program
- DOE QSAS, U.S. Department of Energy, Quality Systems for Analytical Services
- ISO/IEC 17025:2005
- A2LA, American Association for Laboratory Accreditation
- DOD ELAP, US Department of Defense Environmental Accreditation Program
- NUPIC, Nuclear Procurement Issues Committee
- South Carolina Department of Health and Environmental Control (SC DHEC)

The annual radiochemistry laboratory internal audit (13-RAD-001) was conducted in July, 2014. One (1) finding, four (4) observations, and eight (8) recommendations resulted from this assessment. By September, 2014, the finding was closed and appropriate laboratory staff addressed each observation and recommendation.

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 AlphaLIMS. 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 - 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 2014, forty-four (44) radioisotopes associated with seven (7) matrix types were analyzed under GEL's Performance Evaluation program in participation with ERA, MAPEP, and Eckert & Ziegler Analytics. Matrix types were representative of client analyses performed during 2014. Of the four hundred forty-five (445) total results reported, 98.6% (439 of 445) were found to be acceptable. The list below contains the type of matrix evaluated by GEL.

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

A summary list of all Inter-laboratory radiological proficiency test results and there 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 sixty-nine (69) individual environmental analyses. The accuracy of each result reported to Eckert & Ziegler Analytics, Inc. is measured by the ratio of GEL's result to the known value. All results fell within GEL's acceptance criteria (100%). Table 6.1-2 list the results specific to the Eckert & Ziegler Analytics sample provided in 2014. No corrective action reports were noted for these results.

Summary of Participation in the MAPEP Monitoring Program

MAPEP Series 30 and 31 were analyzed by the laboratory. Of the one hundred thirty-eight (138) analyses, 97.8% (135 out of 138) of all results fell within the PT provider's acceptance criteria. Three analytical failures occurred: Uranium-234/233 and Uranium-238 in Soil and Uranium-235 in vegetation.

For the corrective actions associated with MAPEP Series 30, refer to CARR 140605-879 which is detailed in Table 6.1-5.

Summary of Participation in the ERA MRaD PT Program

The ERA MRad program provided samples (MRAD-20 and MRAD-21) for one hundred eighty-eight (188) individual environmental analyses. One hundred eighty-seven (187) of the 188 analyses fell within the PT provider's acceptance criteria (99.4%). One analytical failure occurred: Americium-241 in water.

For the corrective actions associated with MRAD-20, refer to CARR 140520-874 which is detailed in Table 6.1-5.

Summary of Participation in the ERA PT Program

The ERA program provided samples (RAD-96, RAD-98 and 011014L) for fifty (50) individual environmental analyses. Of the 50 analyses, 96.0% (48 out of 50) of all results fell within the PT provider's acceptance criteria. One isotope failure occurred: Strontium-89 in water.

For the corrective actions associated with RAD-98 refer to corrective actions CARR140825-902 (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 2014. GEL has determined that causes of the failures did not impact any data reported to its clients.

TABLE 6.1-1

2014 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
MAPEP	1st/ 2014	02/27/13	GENE01-13-RdFR1	Filter	Bq/sample	Uranium-234/233	0.0143	0.0155	0.0109-0.0202	Acceptable
MAPEP	1st/ 2014	02/27/13	GENE01-13-RdFR1	Filter	Bq/sample	Uranium-238	0.0999	0.098	0.069-0.127	Acceptable
EZA	4th/2012	02/01/13	E10323	Cartridge	pCi	Iodine-131	7.31E+01	7.29E+01	1.00	Acceptable
EZA	4th/2012	02/01/13	E10324	Milk	pCi/L	Strontium-89	9.89E+00	1.38E+01	0.72	Acceptable
EZA	4th/2012	02/01/13	E10324	Milk	pCi/L	Strontium-90	9.83E+00	1.48E+01	1.02	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Iodine-131	9.57E+01	9.00E+01	1.06	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Chromium-51	3.67E+02	3.48E+02	1.06	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cesium-134	1.54E+02	1.65E+02	0.93	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cesium-137	1.18E+02	1.17E+02	1.01	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cobalt-58	9.85E+01	9.85E+01	1	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Manganese-54	1.16E+02	1.16E+02	1	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Iron-59	1.33E+02	1.16E+02	1.15	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Zinc-65	3.19E+02	2.91E+02	1.09	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cobalt-60	1.73E+02	1.70E+02	1.02	Acceptable
EZA	4th/2012	02/01/13	E10325	Milk	pCi/L	Cesium-141	5.38E+01	5.10E+01	1.05	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Iodine-131	7.47E+01	7.25E+01	1.03	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Chromium-51	3.81E+02	3.62E+02	1.05	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Cesium-134	1.57E+02	1.73E+02	0.91	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Cesium-137	1.25E+02	1.22E+02	1.03	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Cobalt-58	1.02E+02	1.03E+02	0.99	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Manganese-54	1.28E+02	1.21E+02	1.06	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Iron-59	1.38E+02	1.21E+02	1.14	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Zinc-65	2.13E+02	1.94E+02	1.1	Acceptable
EZA	4th/2012	02/01/13	E10380	Water	pCi/L	Cobalt-60	1.80E+02	1.77E+02	1.01	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Barium-133	80.6	76.2	63.8-83.8	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Cesium-134	64.7	66.8	54.4-73.5	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Cesium-137	112.0	109	98.1-122	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Cobalt-60	95.0	88.7	79.8-99.9	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Zinc-65	200	185	166-218	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Gross Alpha	34.8	36.1	18.6-46.4	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Gross Beta	19.6	22.3	13.5-30.4	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Gross Alpha	34.6	36.1	18.6-46.4	Acceptable

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Radium-226	16.2	16.8	12.5-19.2	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Radium-228	4.62	5.04	3.01-6.67	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Uranium (Nat)	7.39	7.23	5.51-8.53	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	ug/L	Uranium (Nat) mass	11.00	10.6	8.07-12.5	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Radium-226	15.10	16.8	12.5-19.2	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Radium-228	4.66	5.04	3.01-6.67	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Uranium (Nat)	7.47	7.23	5.51-8.53	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	ug/L	Uranium (Nat) mass	11.4	10.6	8.07-12.5	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Tritium	3320	3580	3030-3950	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Strontium-89	44.1	44.4	34.4-51.6	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Strontium-90	34.2	30.3	22.1-35.2	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Strontium-89	38.9	44.4	34.4-51.6	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Strontium-90	27.1	30.3	22.1-35.2	Acceptable
ERA	1st/ 2014	02/06/14	011014L	Water	pCi/L	Strontium-89	42.3	38.7	29.3-45.7	Acceptable
ERA	1st/ 2014	02/06/14	011014L	Water	pCi/L	Strontium-89	42.2	38.7	29.3-45.7	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Iodine-131	25.2	24.4	20.2-28.9	Acceptable
ERA	1st/ 2014	02/24/14	RAD - 96	Water	pCi/L	Iodine-131	22.4	24.4	20.2-28.9	Acceptable
EZA	1st/ 2014	05/16/14	E10846	Cartridge	pCi	Iodine-131	7.83E+01	7.50E+03	1.04	Acceptable
EZA	1st/ 2014	05/16/14	E10847	Milk	pCi/L	Strontium-89	9.14E+01	9.17E+01	1	Acceptable
EZA	1st/ 2014	05/16/14	E10847	Milk	pCi/L	Strontium-90	1.27E+01	1.51E+01	0.84	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Iodine-131	9.84E+01	9.85E+01	1	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Cerium-141	1.21E+02	1.19E+02	1.02	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Cr-51	5.19E+02	4.91E+02	1.06	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Cesium-134	1.79E+02	2.10E+02	0.85	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Cesium-137	2.55E+02	2.53E+02	1.01	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Cobalt-58	2.58E+02	2.68E+02	0.96	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Mn-54	3.01E+02	2.97E+02	1.01	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Iron-59	2.24E+02	2.19E+02	1.02	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Zinc-65	3.45E+02	3.23E+02	1.07	Acceptable
EZA	1st/ 2014	05/16/14	E10848	Milk	pCi/L	Cobalt-60	3.39E+02	3.37E+02	1.00	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Iodine-131	9.24E+01	8.99E+01	1.03	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Cerium-141	8.19E+01	7.71E+01	1.06	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Cr-51	3.32E+02	3.19E+02	1.04	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Cesium-134	1.27E+02	1.36E+02	0.93	Acceptable

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Cesium-137	1.69E+02	1.64E+02	1.03	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Cobalt-58	1.75E+02	1.74E+02	1.01	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Mn-54	2.08E+02	1.93E+02	1.08	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Iron-59	1.68E+02	1.42E+02	1.18	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Zinc-65	2.25E+02	2.10E+02	1.07	Acceptable
EZA	1st/ 2014	05/16/14	E10849	Water	pCi/L	Cobalt-60	2.31E+02	2.19E+02	1.02	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-GrF30	Filter	Bq/sample	Gross Alpha	1.980	1.77	0.53-3.01	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-GrF30	Filter	Bq/sample	Gross Beta	0.823	0.77	0.39-1.16	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Americium-241	65	68	47.6-88.4	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Cesium-134	5.44	0	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Cesium-137	1270	1238	867-1609	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Cobalt-57	947	966	676-1256	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Cobalt-60	0.581	1.220	Sens. Eval.	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Iron-55	580	643	444-824	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Manganese-54	1470	1430	1001-1859	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Nickel-63	6.95	0	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Plutonium-238	89.7	96.0	67-125	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Plutonium-239/240	69.80	76.8	53.8-99.8	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Potassium-40	703	622	435-809	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Strontium-90	1.48	0	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Technetium-99	37.1	0	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	U-234/233	30.5	81.0	57-105	Not Accept.
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Uranium-238	35	83	58-108	Not Accept.
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaS30	Soil	Bq/kg	Zinc-65	766	695	487-904	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Americium-241	0.759	0.720	0.504-0.936	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Cesium-134	21.4	23.1	16.2-30.0	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Cesium-137	29.70	28.9	20.2-37.6	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Cobalt-57	28.0	27.5	19.3-35.8	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Cobalt-60	16.6	16.0	11.2-20.8	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Hydrogen-3	308	321	225-417	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Iron-55	0.3	0.0	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Manganese-54	14.4	13.9	9.7-18.1	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Nickel-63	31.4	34.0	23.8-44.2	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Plutonium-238	0.764	0.828	0.580-1.076	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Pu-239/240	0.6590	0.6760	0.473-0.879	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Potassium-40	0.460	0	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Strontium-90	8.32	8.51	5.96-11.06	Acceptable

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Technetium-99	9.5	10.3	7.2-13.4	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	U-234/233	0.210	0.225	0.158-0.293	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Uranium-238	1.41	1.45	1.02-1.89	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Zinc-65	-0.126	0.0	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Gross Alpha	0.96	0.85	0.255-1.443	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Gross Beta	4.7	4.2	2.10-6.29	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-MaW30	Water	Bq/L	Iodine-129	0.0227	0.00	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	ug/sample	Uranium-235	0.018	0.020	0.014-0.026	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	ug/sample	Uranium-238	8.77	10.4	7.3-13.5	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	ug/sample	Uranium-Total	8.80	10.4	7.3-13.5	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	ug/sample	Americium-241	0.086	0.090	0.063-0.117	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Cesium-134	1.85	1.91	1.34-2.48	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Cesium-137	1.81	1.76	1.23-2.29	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Cobalt-57	0.0757	0.00	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Cobalt-60	1.490	1.39	0.97-1.81	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Manganese-54	0.0138	0.00	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Plutonium-238	0.000819	0.00090	Sens. Eval.	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Pu-239/240	0.071	0.7720	0.054-0.1004	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Strontium-90	1.19	1.18	0.83-1.53	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	U-234/233	0.0159	0.0195	0.0137-0.0254	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Uranium-238	0.118	0.129	0.090-0.168	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Zinc-65	0.246	0.00	False Pos Test	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Gross Alpha	0.656	1.20	0.36-2.04	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Gross Beta	0.95	0.85	0.43-1.28	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdF30	Filter	Bq/sample	Americium-241	0.106	0.104	0.073-0.135	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	ug/sample	Uranium-235	0.261	0.0268	0.0188-0.0348	Not Accept.
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	ug/sample	Uranium-238	12.7	13.3	9.3-17.3	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	ug/sample	Uranium-Total	12.7	13.3	9.3-17.3	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	ug/sample	Americium-241	0.1100	0.108	0.076-0.140	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Cesium-134	5.65	6.04	4.23-7.85	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Cesium-137	4.98	4.74	3.32-6.16	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Cobalt-57	11.1	10.1	7.1-13.1	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Cobalt-60	7.21	6.93	4.85-9.01	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Manganese-54	9.24	8.62	6.03-11.21	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Plutonium-238	0.116	0.121	0.085-0.157	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Pu-239/240	0.134	0.154	0.108-0.0200	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Strontium-90	1.580	1.46	1.02-1.90	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	U-234/233	0.2640	0.2530	0.0177-0.0329	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Uranium-238	0.174	0.165	0.116-0.215	Acceptable
MAPEP	2nd/2014	06/05/14	MAPEP-14-RdV30	Vegetation	Bq/sample	Zinc-65	8.87	7.00	4.38-8.13	Acceptable

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ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Actinium-228	1140	1240	795-1720	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Americium-241	418	399	233-518	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Bismuth-212	976	1240	330-1820	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Bismuth-214	2290	1960	1180-2820	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Cesium-134	3080	3390	2220-4070	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Cesium-137	8310	8490	6510-10900	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Cobalt-60	6570	6830	4620-9400	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Lead-212	1330	1240	812-1730	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Lead-214	2800	2070	1210-3090	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Manganese-54	<44.3	<1000	0-1000	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Plutonium-238	579	578	348-797	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Plutonium-239	488	471.00	308-651	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Potassium-40	10500	10500	7660-14100	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Strontium-90	2500	2780	1060-4390	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Thorium-234	3420	3360	1060-6320	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Zinc-65	5700	5400	4300-7180	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Strontium-90	6730	8530	3250-13500	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-234	2602	3390	2070-4350	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-238	2425	3360	2080-4260	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-Total	5027	6910	3750-9120	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	ug/kg	Uranium-Total(mass)	7110	10100	5570-12700	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-234	3440	3390	2070-4350	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-238	3680	3360	2080-4260	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-Total	7310	6910	3750-9120	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	ug/kg	Uranium-Total(mass)	11000	10100	5570-12700	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-234	3740	3390	2070-4350	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-238	3780	3360	2080-4260	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	pCi/kg	Uranium-Total	7683	6910	3750-9120	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	ug/kg	Uranium-Total(mass)	11300	10100	5570-12700	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Soil	ug/kg	Uranium-Total(mass)	11200	10100	5570-12700	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Americium-241	1670	1490	911-1980	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Cesium-134	657	646	415-839	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Cesium-137	861	880	638-1220	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Cobalt-60	997	926	639-1290	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Curium-244	514	516	253-804	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Manganese-54	<62.2	<300	0.00-300	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Plutonium-238	2230	2110	1260-2890	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Plutonium-239	3810	3740	2300-5150	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Potassium-40	30800	31900	23000-44800	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Strontium-90	2330	2580	1470-3420	Acceptable

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ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Uranium-234	1920	1760	1160-2260	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Uranium-238	1970	1750	1170-2220	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Uranium-Total	4025	3580	2430-4460	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	ug/kg	Uranium-Total(mass)	5920	5240	3510-6650	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Zinc-65	1030	919	663-1290	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Uranium-234	1730	1760	1160-2260	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Uranium-238	2000	1750	1170-2220	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	pCi/kg	Uranium-Total	3817	3580	2430-4460	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	ug/kg	Uranium-Total(mass)	5990	5240	3510-6650	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Vegetation	ug/kg	Uranium-Total(mass)	5620	5240	3510-6650	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Americium-241	60.2	59.7	36.8-80.8	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Cesium-134	920	1010	643-1250	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Cesium-137	816	828	622-1090	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Cobalt-60	1130	1120	867-1400	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Iron-55	254	240	74.4-469	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Manganese-54	<6.64	<50.0	0-50.0	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Plutonium-238	51.3	56.3	38.6-74.0	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Plutonium-239	47.5	48.6	35.2-63.5	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Strontium-90	76.7	78.9	38.6-118	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Uranium-234	33.8	36.4	22.6-54	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Uranium-238	34.5	36.1	23.3-49.9	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Uranium-Total	70.3	74.3	41.1-113	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	ug/Filter	Uranium-Total(mass)	104	108	69.1-152	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Zinc-65	737	667	478-921	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Uranium-234	35.5	36.4	22.6-54	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Uranium-238	35.3	36.1	23.3-49.9	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Uranium-Total	72.4	74.3	41.1-113	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	ug/Filter	Uranium-Total(mass)	105	108	69.1-152	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	ug/Filter	Uranium-Total(mass)	100	108	69.1-152	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Gross Alpha	60.9	46	15.4-71.4	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Filter	pCi/Filter	Gross Beta	58.9	53.8	34.0-78.4	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Americium-241	186	114	76.8-153	Not Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Cesium-134	1540	1660	1220-1910	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Cesium-137	2760	2690	2280-3220	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Cobalt-60	1320	1270	1100-1490	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Iron-55	1230	1200	716-1630	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Manganese-54	<7.54	<100	0.00-100	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Plutonium-238	37	44	32.6-54.9	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Plutonium-239	124	160	124-202	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Strontium-90	95	890	580-1180	Acceptable

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ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-234	77.8	82.4	61.9-106	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-238	50.8	48.4	36.9-59.4	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-Total	156	168	123-217	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	ug/L	Uranium-Total(mass)	233	245	195-296	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Zinc-65	2030	1800	1500-2270	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-234	82.1	82.4	61.9-106	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-238	84.6	48.4	36.9-59.4	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-Total	170	168	123-217	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	ug/L	Uranium-Total(mass)	253	245	195-296	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-234	80.5	82.4	61.9-106	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-238	90.0	48.4	36.9-59.4	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-Total	175	168	123-217	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	ug/L	Uranium-Total(mass)	269	245	195-296	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-234	77.8	82.4	61.9-106	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-238	78.3	48.4	36.9-59.4	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Uranium-Total	156	168	123-217	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	ug/L	Uranium-Total(mass)	233	245	195-296	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	ug/L	Uranium-Total(mass)	232	245	195-296	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Gross Alpha	141.0	133	47.2-206	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Gross Beta	172	174.0	99.6-258	Acceptable
ERA	2nd/2014	05/16/14	MRAD-20	Water	pCi/L	Tritium	5280	5580	3740-7960	Acceptable
EZA	2nd/2014	08/08/14	E10897	Cartridge	pCi	Iodine-131	8.73E+01	8.54E+01	1.02	Acceptable
EZA	2nd/2014	08/08/14	E10898	Milk	pCi/L	Strontium-89	9.84E+01	9.13E+01	1.08	Acceptable
EZA	2nd/2014	08/08/14	E10898	Milk	pCi/L	Strontium-90	1.44E+01	1.45E+01	0.99	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Iodine-131	9.89E+01	9.09E+01	1.09	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Cerium-141	1.38E+02	1.24E+02	1.12	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Chromium-51	2.68E+02	2.53E+02	1.06	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Cesium-134	1.58E+02	1.62E+02	0.97	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Cesium-137	1.27E+02	1.20E+02	1.06	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Cobalt-58	1.20E+02	1.12E+02	1.07	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Manganese-54	1.67E+02	1.56E+02	1.07	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Iron-59	1.02E+02	1.02E+02	1.00	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Zinc-65	2.68E+02	2.52E+02	1.06	Acceptable
EZA	2nd/2014	08/08/14	E10899	Milk	pCi/L	Cobalt-60	2.42E+02	2.24E+02	1.08	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Iodine-131	1.13E+02	9.83E+01	1.15	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Cerium-141	1.52E+02	1.43E+02	1.06	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Chromium-51	3.62E+02	2.94E+02	1.23	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Cesium-134	1.69E+02	1.88E+02	0.90	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Cesium-137	1.48E+02	1.39E+02	1.06	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Cobalt-58	1.34E+02	1.30E+02	1.03	Acceptable

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EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Manganese-54	1.88E+02	1.80E+02	1.04	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Iron-59	1.29E+02	1.19E+02	1.09	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Zinc-65	3.29E+02	2.93E+02	1.12	Acceptable
EZA	2nd/2014	08/08/14	E10900	Water	pCi/L	Cobalt-60	2.74E+02	2.60E+02	1.05	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Barium-133	67.8	68.7	57.3-75.6	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Cesium-134	71	72.3	59.0-79.5	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Cesium-137	161	163	147-181	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Cobalt-60	76.7	75.5	68.0-85.5	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Zinc-65	92	82	73.8-98.5	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Gross Alpha	45.3	45.4	23.6-57.4	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Gross Beta	32.3	33.4	21.7-41.1	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Gross Alpha	48.6	45.4	23.6-57.4	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Radium-226	8.26	9.06	6.80-10.6	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Radium-226	8.54	9.06	6.80-10.6	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Radium-226	9.7	9.06	6.80-10.6	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Radium-228	5.07	5.07	3.03-6.79	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Radium-228	5.74	5.07	3.03-6.79	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Uranium (Nat)	13.9	13.5	10.7-15.4	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	ug/L	Uranium (Nat) mass	22.25	19.8	15.6-22.6	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Uranium (Nat)	13	13.5	10.7-15.4	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	ug/L	Uranium (Nat) mass	20.7	19.8	15.6-22.6	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Tritium	10200	11200	9750-12300	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Tritium	10400	11200	9750-12300	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Strontium-89	56.3	42.7	32.9-49.8	Not Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Strontium-90	28.2	31.7	23.1-36.7	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Strontium-89	56.5	42.7	32.9-49.8	Not Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Strontium-90	26	31.7	23.1-36.7	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Iodine-131	28.6	26.1	21.7-30.8	Acceptable
ERA	3rd/2014	08/25/14	RAD - 98	Water	pCi/L	Iodine-131	22.3	26.1	21.7-30.8	Acceptable
EZA	3rd/2014	11/22/14	E10993	Cartridge	pCi	Iodine-131	9.47E+01	8.99E+01	1.05	Acceptable
EZA	3rd/2014	11/22/14	E10994	Milk	pCi/L	Strontium-89	9.73E+01	9.69E+01	1.00	Acceptable
EZA	3rd/2014	11/22/14	E10994	Milk	pCi/L	Strontium-90	1.31E+01	1.64E+00	0.80	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Iodine-131	1.04E+02	9.76E+01	1.07	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Cerium-141	1.28E+02	1.26E+02	1.01	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Chromium-51	3.12E+02	2.88E+02	1.08	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Cesium-134	1.51E+02	1.58E+02	0.96	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Cesium-137	2.03E+02	1.93E+02	1.05	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Cobalt-58	1.44E+02	1.43E+02	1.01	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Manganese-54	1.49E+02	1.42E+02	1.05	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Iron-59	1.82E+02	1.58E+02	1.15	Acceptable

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EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Zinc-65	7.41E+01	7.30E+01	1.01	Acceptable
EZA	3rd/2014	11/22/14	E10995	Milk	pCi/L	Cobalt-60	3.14E+02	2.94E+02	1.06	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Iodine-131	1.02E+02	9.88E+01	103	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Cerium-141	1.30E+02	1.25E+02	104	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Chromium-51	2.75E+02	2.86E+02	0.96	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Cesium-134	1.45E+02	1.56E+02	0.93	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Cesium-137	1.94E+02	1.92E+02	1.01	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Cobalt-58	1.43E+02	1.42E+02	1.01	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Manganese-54	1.46E+02	1.41E+02	1.04	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Iron-59	1.66E+02	1.57E+02	1.06	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Zinc-65	7.55E+01	7.24E+01	1.04	Acceptable
EZA	3rd/2014	11/22/14	E10996	Water	pCi/L	Cobalt-60	3.09E+02	2.95E+02	1.05	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-GrF31	Filter	Bq/sample	Gross Alpha	0.433	0.530	0.16-0.09	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-GrF31	Filter	Bq/sample	Gross Beta	1.060	1.060	0.53-1.59	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Americium-241	88.4	85.5	59.9-111.2	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Cesium-134	588	622	435-809	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Cesium-137	1.67		False Pos Test	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Cobalt-57	1160	1116	781-1451	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Cobalt-60	821	779	545-1013	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Iron-55	796	680	476-884	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Manganese-54	1060	1009	706-1312	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Nickel-63	924	980	686-1274	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Plutonium-238	0.92	0.48	Sens. Eval.	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Plutonium-239/240	61.5	58.6	41.0-76.2	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Potassium-40	879	824	577-1071	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Strontium-90	891	858	601-1115	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Technetium-99	466	589	412-766	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	U-234/233	905	89	62-116	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Uranium-238	257	259	181-337	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaS31	Soil	Bq/Kg	Zinc-65	605.0	541	379-703	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Americium-241	0.915	0.880	0.62-1.14	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Cesium-134	-0.06		False Pos Test	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Cesium-137	18.4	18.4	12.9-23.9	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Cobalt-57	25	24.7	17.3-32.1	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Cobalt-60	12.5	12.4	8.7-16.1	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Hydrogen-3	216	208	146-270	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Iron-55	34.0	31.5	22.1-41.0	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Manganese-54	14.2	14.0	9.8-18.2	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Nickel-63	23.6	24.6	17.2-32.0	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Plutonium-238	0.547	0.618	0.433-0.803	Acceptable

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MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Plutonium-239/240	0.015	0.005	Sens. Eval.	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Potassium-40	174	161	113-209	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Strontium-90	0.03		False Pos Test	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Technetium-99	6.92	6.99	4.89-9.09	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Uranium-234/233	0.206	0.205	0.144-0.267	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Uranium-238	1.280	1.420	0.99-1.85	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Zinc-65	11.900	10.90	7.6-14.2	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Gross Alpha	0.793	0.701	0.201-1.192	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-MaW31	Water	Bq/L	Gross Beta	6.220	5.94	2.97-8.91	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	ug/sample	Uranium-235	0.040	0.040	0.0278-0.0516	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	ug/sample	Uranium-238	19.3	20.3	14.2-26.4	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	ug/sample	Uranium-Total	19.00	20.4	14.3-26.5	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	ug/sample	Americium-241	0.0561	0.067	0.0472-0.0876	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Cesium-134	0.8640	0.96	0.67-1.25	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Cesium-137	1.190	1.20	0.84-1.56	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Cobalt-57	1.540	1.43	1.00-1.86	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Cobalt-60	1.200	1.10	0.77-1.43	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Manganese-54	0.808	0.75	0.53-0.98	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Plutonium-238	0.155	0.107	0.075-0.139	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Plutonium-239/240	0.048	0.0468	0.0328-0.0608	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Strontium-90	0.762	0.70	0.492-0.914	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Uranium-234/233	0.037	0.0358	0.0251-0.0465	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Uranium-238	0.227	0.253	0.177-0.329	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdF31	Filter	Bq/sample	Zinc-65	0.779	0.76	0.53-0.99	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Americium-241	0.226	0.19	0.135-0.251	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Cesium-134	4.750	5.20	3.64-6.67	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Cesium-137	6.910	6.60	4.62-8.58	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Cobalt-57	-0.002	0.00	False Pos Test	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Cobalt-60	0.008	0.00	False Pos Test	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Manganese-54	7.980	7.88	5.52-10.24	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Plutonium-238	0.001	0.001	Sens. Eval.	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Plutonium-239/240	0.1510	0.171	0.120-0.222	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Strontium-90	2.330	2.32	1.62-3.02	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Uranium-234/233	0.046	0.047	0.0326-0.0606	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Uranium-238	0.332	0.324	0.227-0.421	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-RdV31	Vegetation	Bq/sample	Zinc-65	2.850	2.63	1.84-3.42	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-SrF-31	Filter	Bq/sample	Strontium-89	3.62	3.79	2.65-4.93	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-SrF-31	Filter	Bq/sample	Strontium-90	3.62	3.79	2.65-4.93	Acceptable
MAPEP	4th/2014	01/09/15	MAPEP-14-XaW-31	Water	Bq/L	Iodine-129	4.56	4.55	3.19-5.92	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Actinium-228	1280	1240	795-1720	Acceptable

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ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Americium-241	825	763	431-956	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Bismuth-212	1620	1240	330-1820	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Bismuth-214	2900	2810	1690-4040	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Cesium-134	1960	2140	1400-2570	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Cesium-137	6760	6550	5020-8430	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Cobalt-60	4480	4260	2880-5860	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Lead-212	1260	1240	812-1730	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Lead-214	3480	2750	1610-4100	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Manganese-54	<30.0	<1000	0-1000	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Plutonium-238	732	739	444-1020	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Plutonium-239	281	309	202-427	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Potassium-40	11500	10700	7810-14400	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Strontium-90	8790	8420	3210-13300	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Thorium-234	2000	2350	743-4420	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Zinc-65	3910	3270	2600-4350	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Uranium-234	2280	2370	1450-3040	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Uranium-238	2340	2350	1450-2980	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	pCi/kg	Uranium-Total	4762	4540	2360-6390	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Soil	ug/kg	Uranium-Total(mass)	7020	7050	3890-8870	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Americium-241	2260	2290	1400-3505	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Cesium-134	837	849	545-1100	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Cesium-137	729	644	467-896	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Cobalt-60	818	784	541-1100	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Curium-244	361	367	180-572	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Manganese-54	<25.3	<300	0-300	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Plutonium-238	886	862	514-1180	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Plutonium-239	675	701	430-965	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Potassium-40	35300	30900	22300-43400	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Strontium-90	1230	1710	975-2270	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Uranium-234	1980	1780	1170-2290	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Uranium-238	1970	1760	1170-2240	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Uranium-Total	4038	3620	2450-4510	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	ug/kg	Uranium-Total(mass)	5910	5280	3540-6710	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Uranium-234	1670	1780	1170-2290	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Uranium-238	1800	1760	1170-2240	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Uranium-Total	3556	3620	2450-4510	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	ug/kg	Uranium-Total(mass)	5390	5280	3540-6710	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	ug/kg	Uranium-Total(mass)	5860	5280	3540-6710	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Vegetation	pCi/kg	Zinc-65	1930	1570	1130-2200	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Americium-241	41.4	38.6	23.8-52.2	Acceptable

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Cesium-134	742	765.0	487-949	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Cesium-137	677	647	486-850	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Cobalt-60	543	523	405-653	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Iron-55	117	120.0	37.2-234	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Manganese-54	<5.87	<50	0.00-50.0	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	ug/Filter	Plutonium-238	32.9	35.7	24.5-46.9	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Plutonium-239	26.8	29.1	21.1-38.0	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Strontium-90	187	168	82.1-252	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Uranium-234	26	28	27.8-41.9	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Uranium-238	28	27.60	17.8-38.2	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Uranium-Total	56	57	31.4-86.3	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	ug/Filter	Uranium-Total(mass)	82.6	82.7	52.9-116	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Zinc-65	629	547	392-755	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Uranium-234	28	28	27.8-41.9	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Uranium-238	25	27.60	17.8-38.2	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Uranium-Total	55	57	31.4-86.3	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	ug/Filter	Uranium-Total(mass)	75.1	82.7	52.9-116	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	ug/Filter	Uranium-Total(mass)	90.7	82.7	52.9-116	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Gross Alpha	47.4	36.9	12.4-57.3	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Filter	pCi/Filter	Gross Beta	27.2	21.1	13.3-30.8	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Americium-241	72.4	68.6	46.2-92.0	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Cesium-134	816.0	850	624-977	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Cesium-137	1310	1240	1060-1490	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Cobalt-60	1130	1070	930-1250	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Iron-55	130	134	79.9-182	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Manganese-54	<6.34	<100	0.00-100	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Plutonium-238	35	33	24.6-41.4	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Plutonium-239	46.4	51	39.7-64.4	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Strontium-90	300	254	165-336	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-234	42	44	32.9-56.5	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-238	50	43.50	33.2-53.4	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-Total	92	89	65.5-115	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	ug/L	Uranium-Total(mass)	137	130	104-157	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Zinc-65	1070	921	768-1160	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-234	43	44	32.9-56.5	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-238	45	43.50	33.2-53.4	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-Total	90	89	65.5-115	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	ug/L	Uranium-Total(mass)	134	130	104-157	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-234	49	44	32.9-56.5	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-238	42	43.50	33.2-53.4	Acceptable

PT Provider	Quarter / Year	Analytical Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Uranium-Total	93	89	65.5-115	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	ug/L	Uranium-Total(mass)	126	130	104-157	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	ug/L	Uranium-Total(mass)	144	130	104-157	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Gross Alpha	96.2	98	34.8-152	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Gross Beta	86.1	77.5	44.4-115	Acceptable
ERA	4th/2014	11/25/14	MRAD-21	Water	pCi/L	Tritium	5490	5500	3680-7840	Acceptable

TABLE 6.1-2

2014 ECKERT & ZIEGLER ANALYTICS PERFORMANCE EVALUATION RESULTS

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
02/01/13	E10323	Cartridge	pCi	Iodine-131	7.31E+01	7.29E+01	1.00	Acceptable
02/01/13	E10324	Milk	pCi/L	Strontium-89	9.89E+00	1.38E+01	0.72	Acceptable
02/01/13	E10324	Milk	pCi/L	Strontium-90	9.83E+00	1.48E+01	1.02	Acceptable
02/01/13	E10325	Milk	pCi/L	Iodine-131	9.57E+01	9.00E+01	1.06	Acceptable
02/01/13	E10325	Milk	pCi/L	Chromium-51	3.67E+02	3.48E+02	1.06	Acceptable
02/01/13	E10325	Milk	pCi/L	Cesium-134	1.54E+02	1.65E+02	0.93	Acceptable
02/01/13	E10325	Milk	pCi/L	Cesium-137	1.18E+02	1.17E+02	1.01	Acceptable
02/01/13	E10325	Milk	pCi/L	Cobalt-58	9.85E+01	9.85E+01	1	Acceptable
02/01/13	E10325	Milk	pCi/L	Manganese-54	1.16E+02	1.16E+02	1	Acceptable
02/01/13	E10325	Milk	pCi/L	Iron-59	1.33E+02	1.16E+02	1.15	Acceptable
02/01/13	E10325	Milk	pCi/L	Zinc-65	3.19E+02	2.91E+02	1.09	Acceptable
02/01/13	E10325	Milk	pCi/L	Cobalt-60	1.73E+02	1.70E+02	1.02	Acceptable
02/01/13	E10325	Milk	pCi/L	Cesium-141	5.38E+01	5.10E+01	1.05	Acceptable
02/01/13	E10380	Water	pCi/L	Iodine-131	7.47E+01	7.25E+01	1.03	Acceptable
02/01/13	E10380	Water	pCi/L	Chromium-51	3.81E+02	3.62E+02	1.05	Acceptable
02/01/13	E10380	Water	pCi/L	Cesium-134	1.57E+02	1.73E+02	0.91	Acceptable
02/01/13	E10380	Water	pCi/L	Cesium-137	1.25E+02	1.22E+02	1.03	Acceptable
02/01/13	E10380	Water	pCi/L	Cobalt-58	1.02E+02	1.03E+02	0.99	Acceptable
02/01/13	E10380	Water	pCi/L	Manganese-54	1.28E+02	1.21E+02	1.06	Acceptable
02/01/13	E10380	Water	pCi/L	Iron-59	1.38E+02	1.21E+02	1.14	Acceptable
02/01/13	E10380	Water	pCi/L	Zinc-65	2.13E+02	1.94E+02	1.1	Acceptable
02/01/13	E10380	Water	pCi/L	Cobalt-60	1.80E+02	1.77E+02	1.01	Acceptable
04/25/13	E10469	Cartridge	pCi	Iodine-131	9.38E+01	9.27E+01	1.01	Acceptable
04/25/13	E10470	Milk	pCi/L	Strontium-89	1.07E+02	9.97E+01	1.07	Acceptable
04/25/13	E10470	Milk	pCi/L	Strontium-90	1.18E+01	1.10E+01	1.07	Acceptable
04/25/13	E10471	Milk	pCi/L	Iodine-131	1.12E+02	1.00E+02	1.12	Acceptable
04/25/13	E10471	Milk	pCi/L	Cerium-141	2.00E+01	1.87E+01	1.07	Acceptable
04/25/13	E10471	Milk	pCi/L	Cr-51	5.09E+01	4.72E+01	1.08	Acceptable
04/25/13	E10471	Milk	pCi/L	Cesium-134	2.06E+02	2.14E+02	0.96	Acceptable
04/25/13	E10471	Milk	pCi/L	Cesium-137	2.83E+02	2.66E+02	1.07	Acceptable
04/25/13	E10471	Milk	pCi/L	Cobalt-58	2.19E+02	2.08E+02	1.05	Acceptable

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
04/25/13	E10471	Milk	pCi/L	Mn-54	2.21E+02	2.08E+02	1.06	Acceptable
04/25/13	E10471	Milk	pCi/L	Iron-59	2.78E+02	2.52E+02	1.1	Acceptable
04/25/13	E10471	Milk	pCi/L	Zinc-65	3.39E+02	3.01E+02	1.13	Acceptable
04/25/13	E10471	Milk	pCi/L	Cobalt-60	4.02E+02	4.00E+02	1.01	Acceptable
04/25/13	E10472	Water	pCi/L	Iodine-131	1.12E+02	9.28E+01	1.21	Acceptable
04/25/13	E10472	Water	pCi/L	Cerium-141	1.88E+02	1.79E+02	1.05	Acceptable
04/25/13	E10472	Water	pCi/L	Cr-51	4.84E+02	4.52E+02	1.07	Acceptable
04/25/13	E10472	Water	pCi/L	Cesium-134	1.96E+02	2.05E+02	0.96	Acceptable
04/25/13	E10472	Water	pCi/L	Cesium-137	2.71E+02	2.54E+02	1.07	Acceptable
04/25/13	E10472	Water	pCi/L	Cobalt-58	2.03E+02	1.99E+02	1.02	Acceptable
04/25/13	E10472	Water	pCi/L	Mn-54	2.15E+02	1.99E+02	1.08	Acceptable
04/25/13	E10472	Water	pCi/L	Iron-59	2.67E+02	2.41E+02	1.11	Acceptable
04/25/13	E10472	Water	pCi/L	Zinc-65	3.14E+02	2.88E+02	1.09	Acceptable
04/25/13	E10472	Water	pCi/L	Cobalt-60	3.92E+02	3.83E+02	1.02	Acceptable
08/02/13	E10577	Cartridge	pCi	Iodine-131	9.16E+01	9.55E+01	1.02	Acceptable
08/02/13	E10578	Milk	pCi/L	Strontium-89	9.27E+01	9.04E+01	0.98	Acceptable
08/02/13	E10578	Milk	pCi/L	Strontium-90	1.20E+01	1.70E+01	0.7	Acceptable
08/02/13	E10579	Milk	pCi/L	Iodine-131	9.86E+01	9.55E+01	1.03	Acceptable
08/02/13	E10579	Milk	pCi/L	Cerium-141	9.44E+01	9.04E+01	1.04	Acceptable
08/02/13	E10579	Milk	pCi/L	Chromium-51	2.58E+02	2.50E+02	1.03	Acceptable
08/02/13	E10579	Milk	pCi/L	Cesium-134	1.21E+02	1.25E+02	0.97	Acceptable
08/02/13	E10579	Milk	pCi/L	Cesium-137	1.49E+02	1.51E+02	0.99	Acceptable
08/02/13	E10579	Milk	pCi/L	Cobalt-58	9.44E+01	9.40E+01	1.00	Acceptable
08/02/13	E10579	Milk	pCi/L	Manganese-54	1.80E+02	1.72E+02	1.05	Acceptable
08/02/13	E10579	Milk	pCi/L	Iron-59	1.36E+02	1.20E+02	1.14	Acceptable
08/02/13	E10579	Milk	pCi/L	Zinc-65	2.39E+02	2.17E+02	1.10	Acceptable
08/02/13	E10579	Milk	pCi/L	Cobalt-60	1.77E+01	1.75E+02	1.01	Acceptable
08/02/13	E10178	Water	pCi/L	Iodine-131	9.33E+01	9.54E+01	0.98	Acceptable
08/02/13	E10178	Water	pCi/L	Cerium-141	1.15E+02	1.10E+02	1.04	Acceptable
08/02/13	E10178	Water	pCi/L	Chromium-51	3.40E+02	3.06E+02	1.11	Acceptable
08/02/13	E10178	Water	pCi/L	Cesium-134	1.48E+02	1.53E+02	0.97	Acceptable
08/02/13	E10178	Water	pCi/L	Cesium-137	1.83E+02	1.84E+02	0.99	Acceptable
08/02/13	E10178	Water	pCi/L	Cobalt-58	1.13E+02	1.15E+02	0.99	Acceptable
08/02/13	E10178	Water	pCi/L	Manganese-54	2.09E+02	2.10E+02	1.00	Acceptable
08/02/13	E10178	Water	pCi/L	Iron-59	1.51E+02	1.46E+02	1.03	Acceptable
08/02/13	E10178	Water	pCi/L	Zinc-65	2.86E+02	2.65E+02	1.08	Acceptable

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
08/02/13	E10178	Water	pCi/L	Cobalt-60	2.25E+02	2.14E+02	1.05	Acceptable
10/25/13	E10625	Cartridge	pCi	Iodine-131	8.57E+01	7.96E+01	1.08	Acceptable
10/25/13	E10626	Milk	pCi/L	Strontium-89	9.33E+01	9.60E+01	0.97	Acceptable
10/25/13	E10626	Milk	pCi/L	Strontium-90	1.09E+01	1.32E+01	0.83	Acceptable
10/25/13	E10627	Milk	pCi/L	Iodine-131	1.00E+02	9.83E+01	1.02	Acceptable
10/25/13	E10627	Milk	pCi/L	Chromium-51	3.09E+02	2.77E+02	1.11	Acceptable
10/25/13	E10627	Milk	pCi/L	Cesium-134	1.46E+02	1.72E+02	0.85	Acceptable
10/25/13	E10627	Milk	pCi/L	Cesium-137	1.33E+02	1.31E+02	1.02	Acceptable
10/25/13	E10627	Milk	pCi/L	Cobalt-58	1.04E+02	1.08E+02	0.97	Acceptable
10/25/13	E10627	Milk	pCi/L	Manganese-54	1.44E+02	1.39E+02	1.04	Acceptable
10/25/13	E10627	Milk	pCi/L	Iron-59	1.43E+02	1.30E+02	1.1	Acceptable
10/25/13	E10627	Milk	pCi/L	Zinc-65	2.86E+02	2.66E+02	1.07	Acceptable
10/25/13	E10627	Milk	pCi/L	Cobalt-60	2.01E+02	1.96E+02	1.03	Acceptable
10/25/13	E10628	Water	pCi/L	Iodine-131	1.01E+02	9.79E+01	1.03	Acceptable
10/25/13	E10628	Water	pCi/L	Chromium-51	2.80E+02	2.51E+02	1.12	Acceptable
10/25/13	E10628	Water	pCi/L	Cesium-134	1.42E+02	1.56E+02	0.91	Acceptable
10/25/13	E10628	Water	pCi/L	Cesium-137	1.19E+02	1.18E+02	1.01	Acceptable
10/25/13	E10628	Water	pCi/L	Cobalt-58	9.80E+01	9.73E+01	1.01	Acceptable
10/25/13	E10628	Water	pCi/L	Manganese-54	1.29E+02	1.25E+02	1.05	Acceptable
10/25/13	E10628	Water	pCi/L	Iron-59	1.23E+02	1.18E+02	1.04	Acceptable
10/25/13	E10628	Water	pCi/L	Zinc-65	2.62E+02	2.41E+02	1.09	Acceptable
10/25/13	E10628	Water	pCi/L	Cobalt-60	1.87E+02	1.77E+02	1.06	Acceptable

TABLE 6.1-3

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

REMP 2014	Bias Criteria (+ / - 25%)		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gas Flow Sr 2nd count	36	0	36	0
Gas Flow Total Strontium	23	0	23	0
Gamma Spec Liquid RAD A-013 with Ba, La	48	0	109	0
SOLID				
LSC Iron-55	3	0	3	0
Gamma Spec Solid RAD A-013	30	0	43	0
LSC Nickel 63	3	0	3	0
Gas Flow Sr 2nd count	5	0	5	0
Gas Flow Total Strontium	5	0	5	0
Gamma Spec Solid RAD A-013 with Ba, La	2	0	8A	0
Gamma Spec Solid RAD A-013 with Iodine	6	0	7	0
FILTER				
Gas Flow Sr 2nd Count	5	0	5	0
Gross A & B	429	0	429	0
Gas Flow Sr-90	1	0	1	0
Gamma Spec Filter	45	0	47	0
LIQUID				
Alpha Spec Uranium	1	0	2	0
Tritium	206	0	205	0
Plutonium	1	0	1	0
LSC Iron-55	12	0	12	0
LSC Nickel 63	13	0	13	0
Gamma Spec Liquid RAD A-013	4	0	4	0
Alpha Spec Am243	6	0	6	0
Gamma Iodine-131	28	0	28	0
Alpha Spec Plutonium	10	0	10	0
Gas Flow Sr 2nd count	15	0	15	0
Alpha Spec Am241 Curium	8	0	8	0
Gas Flow Total Strontium	30	0	31	0
Gross Alpha Non Vol Beta	45	0	45	0
Gamma Spec Liquid RAD A-013 with Ba, La	84	0	159	0
Gamma Spec Liquid RAD A-013 with Iodine	40	0	40	0
TISSUE				
Gamma Spec Solid RAD A-013	48	0	46	0
Gas Flow Sr 2nd count	8	0	8	0
Gas Flow Total Strontium	17	0	17	0
Gamma Spec Solid RAD A-013 with Ba, La	10	0	10	0

REMP 2014	Bias Criteria (+ / - 25%)		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Gamma Spec Solid RAD A-013 with Iodine	23	0	22	0
SEA WATER				
LSC Iron-55	5	0	6	0
LSC Nickel 63	5	0	6	0
Gas Flow Total Strontium	6	0	6	0
Gross Alpha Non Vol Beta	6	0	6	0
Gamma Spec Liquid RAD A-013 with Iodine	7	0	11	0
VEGETATION				
Gas Flow Sr 2nd count	10	0	10	0
Gamma Spec Solid RAD A-013 with Iodine	86	0	96	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	560	0	606	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	28	0	28	0
DRINKING WATER				
Tritium	39	0	40	0
LSC Iron-55	17	0	16	0
LSC Nickel 63	16	0	15	0
Gamma Iodine-131	27	0	26	0
Gas Flow Sr 2nd count	12	0	12	0
Gas Flow Total Strontium	19	0	18	0
Gross Alpha Non Vol Beta	72	0	73	0
Gamma Spec Liquid RAD A-013 with Ba, La	35	0	75	0
Total	**2200**		**2456**	

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 2014	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gamma Iodine-129	0	0	1	0
Gamma Iodine-131	36	0	110	0
Gas Flow Sr 2nd count	36	0	36	0
Gas Flow Strontium 90	5	0	5	0
Gas Flow Total Strontium	23	0	23	0
Gamma Spec Liquid RAD A-013 with Ba, La	48	0	109	0
Gamma Spec Liquid RAD A-013 with Iodine	3	0	4	0
SOLID				
Gamma Percent Leach	5	0	0	0
Gas Flow Radium 228	16	0	20	0
Tritium	211	0	247	0
Tritium by Combustion	1	0	1	0
Carbon-14	130	0	181	0
LSC Iron-55	103	0	121	0
Alpha Spec Polonium Solid	52	0	54	0
Gamma Nickel 59 RAD A-022	99	0	117	0
LSC Chlorine-36 in Solids	4	0	4	0
Gamma Spec Ra226 RAD A-013	21	0	24	0
Gamma Spec Solid RAD A-013	649	0	812	0
LSC Nickel 63	141	0	154	0
LSC Plutonium	181	0	202	0
Technetium-99	224	0	250	0
Gamma Spec Liquid RAD A-013	2	0	2	0
ICP-MS Technetium-99 in Soil	61	0	60	0
LSC Selenium 79	11	0	11	0
Total Activity,	4	0	4	0
Tritium	16	0	17	0
Alpha Spec Am243	23	0	37	0
Gamma Iodine-129	100	0	120	0
Gas Flow Lead 210	6	0	6	0
Total Uranium KPA	7	0	10	0
Alpha Spec Uranium	214	0	309	0
LSC Promethium 147	2	0	2	0
LSC, Rapid Strontium 89 and 90	42	0	61	0
Alpha Spec Thorium	152	0	196	0
ICP-MS Uranium-233, 234 in Solid	49	0	47	0
Alpha Spec Plutonium	231	0	240	0
ICP-MS Technetium-99 Prep in Soil	62	0	61	0
Alpha Spec Neptunium	213	0	237	0
Alpha Spec Plutonium	158	0	206	0
Gamma Spec Solid with Ra226, Ra228	9	0	13	0
Gas Flow Sr 2nd count	21	0	25	0
Gas Flow Strontium 90	195	0	201	0

Total Radiological 2014	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Gas Flow Total Radium	2	0	3	0
Lucas Cell Radium 226	38	0	47	0
Total Activity Screen	9	0	10	0
Alpha Spec Am241 Curium	304	0	339	0
Alpha Spec Total Uranium	4	0	8	0
Gas Flow Total Strontium	43	0	46	0
Gross Alpha Non Vol Beta	1	0	1	0
ICP-MS Uranium-233, 234 Prep in Solid	49	0	48	0
ICP-MS Uranium-235, 236, 238 in Solid	60	0	81	0
Gamma Spec Solid RAD A-013 with Ba, La	2	0	8	0
Gamma Spec Solid RAD A-013 with Iodine	6	0	7	0
GFC Chlorine-36 in Solids	3	0	3	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	2	0	2	0
Tritium	8	0	8	0
Alpha Spec Am241 (pCi/Sample)	2	0	2	0
ICP-MS Uranium-234, 235, 236, 238 in Solid	148	0	132	0
ICP-MS Uranium-235, 236, 238 Prep in Solid	50	0	49	0
Alpha Spec Thorium	1	0	1	0
Alpha Spec Uranium	1	0	1	0
Gross Alpha/Beta	235	0	316	3
Alpha Spec Neptunium	1	0	1	0
Gas Flow Sr 2nd count	2	0	1	0
Gross Alpha/Beta (Americium Calibration) Solid	2	0	3	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Solid	69	0	65	0
FILTER				
Alpha Spec Uranium	14	0	18	0
Alpha Spec Polonium	1	0	5	0
Gamma I-131, filter	4	0	4	0
LSC Plutonium Filter	84	0	102	0
Tritium	76	0	112	0
Carbon-14	35	0	66	0
Nickel-63	0	0	8	0
LSC Iron-55	69	0	84	0
Gamma Nickel 59 RAD A-022	55	0	68	0
LSC Nickel 63	60	0	78	0
Technetium-99	51	0	75	0
Gamma Spec Filter RAD A-013	143	0	174	6
Alphaspec Np Filter per Liter	8	0	13	0
Alphaspec Pu Filter per Liter	11	0	22	0
Gamma Iodine-125	5	0	0	0
Gamma Iodine-129	46	0	60	0
Gross Alpha/Beta	5	0	5	0
Alpha Spec Am243	10	0	28	0
Gas Flow Lead 210	0	0	4	0
LSC Plutonium Filter per Liter	9	0	15	0
Total Uranium KPA	9	0	14	0

Total Radiological 2014	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Alpha Spec Uranium	55	0	96	0
LSC Promethium 147	1	0	2	0
LSC, Rapid Strontium 89 and 90	72	0	94	0
Alpha Spec Thorium	42	0	66	0
Gas Flow Radium 228	1	0	1	0
Alpha Spec Plutonium	81	0	98	0
ICP-MS Uranium-233, 234 in Filter	0	0	3	0
Alpha Spec Neptunium	62	0	83	0
Alpha Spec Plutonium	66	0	96	0
Alpha Spec Polonium,(Filter/Liter)	0	0	14	0
Alpha Spec Radium 226	0	0	2	0
Gas Flow Sr 2nd Count	72	0	81	1
Gas Flow Strontium 90	61	0	68	0
Lucas Cell Radium-226	1	0	1	0
Alpha Spec Am241Curium	95	0	117	0
Gas Flow Total Strontium	5	0	5	0
ICP-MS Uranium-233, 234 Prep in Filter	0	0	3	0
ICP-MS Uranium-235, 236, 238 in Filter	0	0	6	0
Total Activity in Filter,	1	0	10	0
Alphaspec Am241 Curium Filter per Liter	15	0	20	0
Tritium	86	0	89	0
Gamma Spec Filter RAD A-013 Direct Count	6	0	6	0
Carbon-14	12	0	12	0
GFC Chlorine-36 in Filters PL	1	0	1	0
Direct Count-Gross Alpha/Beta	48	0	1	0
Gross Alpha/Beta	48	0	60	0
ICP-MS Uranium-234, 235, 236, 238 in Filter	4	0	6	0
ICP-MS Uranium-235, 236, 238 Prep in Filter	0	0	3	0
Alpha Spec U	13	0	35	0
Gross A & B	497	0	473	0
LSC Iron-55	8	0	19	0
Technetium-99	7	0	13	0
Gas Flow Sr-90	6	0	13	0
LSC Nickel 63	14	0	19	0
Gas Flow Pb-210	8	0	22	0
Gas Flow Ra-228	5	0	10	0
Gamma Iodine 129	8	0	8	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Filter	2	0	3	0
Gamma Spec Filter	97	0	117	0
Lucas Cell Ra-226	8	0	23	0
Alpha Spec Thorium	7	0	22	0
LIQUID				
Alpha Spec Uranium	390	0	553	0
Alpha Spec Polonium	4	0	7	0
Electrolytic Tritium	14	0	25	0

Total Radiological 2014	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Tritium	1125	0	1177	0
Carbon-14	149	0	161	0
Plutonium	43	0	63	0
Iodine-131	3	0	4	0
LSC Iron-55	192	0	233	0
Gamma Nickel 59 RAD A-022	18	0	21	0
Gamma Iodine 131 RAD A-013	2	0	2	0
Gamma Radium 228 RAD A-013	3	0	3	0
LSC Nickel 63	209	0	236	0
LSC Radon 222	18	0	21	0
Technetium-99	377	0	425	0
Gamma Spec Liquid RAD A-013	702	0	732	0
Alpha Spec Total U RAD A-011	31	0	56	0
LSC Selenium 79	2	0	2	0
Alpha Spec Am243	17	0	18	0
Gamma Iodine-129	80	0	92	0
Gamma Iodine-131	28	0	28	0
ICP-MS Technetium-99 in Water	8	0	31	0
Gas Flow Lead 210	19	0	19	0
Total Uranium KPA	101	0	203	0
LSC Promethium 147	4	0	4	0
LSC, Rapid Strontium 89 and 90	7	0	8	0
Alpha Spec Thorium	145	0	186	0
Gas Flow Radium 228	171	0	206	0
Gas Flow Radium 228	40	0	37	0
Gas Flow Radium 228	1	0	1	0
Alpha Spec Plutonium	288	0	387	0
LSC Sulfur 35	1	0	1	0
Alpha Spec Neptunium	90	0	141	0
Alpha Spec Plutonium	21	0	49	0
Alpha Spec Radium 226	7	0	7	0
Gas Flow Sr 2nd count	191	0	199	0
Gas Flow Strontium 90	365	0	422	0
Gas Flow Strontium 90	1	0	1	0
Gas Flow Total Radium	78	0	103	0
ICP-MS Technetium-99 Prep in Water	8	0	32	0
ICP-MS Uranium-233, 234 in Liquid	6	0	11	0
LSC Calcuim 45	1	0	1	0
Lucas Cell Radium 226	310	0	366	0
Lucas Cell Radium-226	10	0	10	0
Total Activity Screen	7	0	7	0
Chlorine-36 in Liquids	13	0	14	0
Alpha Spec Am241 Curium	217	0	333	0
Gas Flow Total Strontium	112	0	116	0
Gross Alpha Non Vol Beta	980	0	1167	0
LSC Phosphorus-32	2	0	3	0
Lucas Cell Radium 226 by Method Ra-04	2	0	2	0
ICP-MS Uranium-233, 234 Prep in Liquid	6	0	11	0

Total Radiological 2014	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Tritium in Drinking Water by EPA 906.0	9	0	12	0
Gamma Spec Liquid RAD A-013 with Ba, La	84	0	159	0
Gamma Spec Liquid RAD A-013 with Iodine	162	0	189	0
Gas Flow Strontium 89 & 90	5	0	3	0
ICP-MS Uranium-235, 236, 238 in Liquid	10	0	18	0
Gas Flow Total Alpha Radium	6	0	7	0
Gross Alpha Co-precipitation	3	0	13	0
ICP-MS Uranium-235, 236, 238 Prep in Liquid	6	0	11	0
ICP-MS Uranium-234, 235, 236, 238 in Liquid	31	0	74	0
Gross Alpha Beta (Americium Calibration) Liquid	32	0	46	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Liquid	15	0	38	0
Alpha/Beta (Americium Calibration) Drinking Water	23	0	18	0
TISSUE				
Carbon-14	3	0	3	0
Gamma Spec Solid RAD A-013	76	0	78	0
Technetium-99	4	0	4	0
Tritium	1	0	1	0
Alpha Spec Uranium	5	0	8	0
Alpha Spec Plutonium	5	0	10	0
Gas Flow Sr 2nd count	8	0	8	0
Gas Flow Strontium 90	11	0	12	0
Alpha Spec Am241 Curium	2	0	2	0
Gas Flow Total Strontium	17	0	17	0
Gamma Spec Solid RAD A-013 with Ba, La	10	0	10	0
Gamma Spec Solid RAD A-013 with Iodine	23	0	22	0
Gross Alpha/Beta	2	0	2	0
SEA WATER				
LSC Iron-55	5	0	6	0
LSC Nickel 63	5	0	6	0
Gas Flow Total Strontium	6	0	6	0
Gross Alpha Non Vol Beta	6	0	6	0
Gamma Spec Liquid RAD A-013 with Iodine	7	0	11	0
VEGETATION				
LSC Iron-55	2	0	2	0
Gamma Nickel 59 RAD A-022	1	0	0	0
Gamma Spec Solid RAD A-013	26	0	25	0
LSC Nickel 63	2	0	1	0
LSC Plutonium	1	0	1	0
Technetium-99	4	0	3	0
Tritium	11	0	11	0
Gamma Iodine-129	1	0	0	0
Gas Flow Lead 210	2	0	3	0
Total Uranium KPA	4	0	4	0
Alpha Spec Uranium	22	0	22	0

Total Radiological 2014	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Alpha Spec Thorium	5	0	5	0
Alpha Spec Plutonium	13	0	11	0
Alpha Spec Neptunium	1	0	1	0
Alpha Spec Plutonium	1	0	1	0
Gas Flow Sr 2nd count	10	0	10	0
Gas Flow Strontium 90	12	0	11	0
Gas Flow Total Radium	2	0	2	0
Alpha Spec Am241 Curium	6	0	6	0
Gamma Spec Solid RAD A-013 with Iodine	86	0	96	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	2	0	2	0
Alpha Spec Am241 (pCi/Sample)	1	0	2	0
ICP-MS Uranium-234, 235, 236, 238 in Solid	12	0	7	0
Alpha Spec Uranium	0	0	2	0
Gross Alpha/Beta	7	0	9	0
Alpha Spec Plutonium	0	0	2	0
Gas Flow Strontium 90	4	0	2	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Solid	7	0	4	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	560	0	606	0
Gamma Iodine-129	7	0	6	0
Carbon-14	7	0	7	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	28	0	28	0
Gamma Iodine 129	7	0	7	0
Gamma Spec Filter	7	0	7	0
DRINKING WATER				
Alpha Spec Uranium	4	0	5	0
Alpha Spec Polonium	1	0	25	0
Tritium	39	0	40	0
Carbon-14	3	0	2	0
Iodine-131	2	0	2	0
LSC Iron-55	17	0	16	0
LSC Nickel 63	16	0	15	0
LSC Radon 222	13	0	13	0
Technetium-99	2	0	1	0
Gamma Spec Liquid RAD A-013	17	0	18	0
Gamma Iodine-129	2	0	4	0
Gamma Iodine-131	27	0	26	0
Gas Flow Lead 210	4	0	3	0
Total Uranium KPA	17	0	34	0
Alpha Spec Thorium	1	0	1	0
Gas Flow Radium 228	22	0	26	0
Alpha Spec Plutonium	3	0	3	0
Gas Flow Sr 2nd count	12	0	12	0
Gas Flow Strontium 90	20	0	22	0
LSC Calcuim 45	2	0	2	0
Lucas Cell Radium-226	23	0	49	0
Alpha Spec Am241 Curium	2	0	2	0

Total Radiological 2014	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Gas Flow Total Strontium	19	0	18	0
Gross Alpha Non Vol Beta	247	0	214	0
Tritium in Drinking Water by EPA 906.0	28	0	26	0
Gamma Spec Liquid RAD A-013 with Ba, La	35	0	75	0
Gas Flow Strontium 89 & 90	17	0	11	0
Gas Flow Total Alpha Radium	1	0	1	0
Gross Alpha Co-precipitation	99	0	91	0
Alpha/Beta (Americium Calibration) Drinking Water	16	0	16	0
ECLS-R-GA NJ 48 Hr Rapid Gross Alpha	7	0	7	0
Total	**16535**		**19734**	

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

2014 CORRECTIVE ACTION REPORT SUMMARY

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
CARR140605-879 ISO Documentation of PT Failures in MAPEP-14-RdV30 for Uranium 235 in Vegetation by ICP/MS and 14-MaS30 Uranium-233/234 and Uranium 238 by Alpha Spec.	**Root Cause Analysis of MAPEP-14-RdV28 in vegetation for Uranium-235 by ICP/MS** The root cause of this failure was human error and inattention to detail. The QAO inadvertently entered the incorrect activity for this parameter when she was entering the results on the MAPEP website. 0.261 ug/sample instead of 0.0261 ug/sample was entered. The data entry error was not caught during the GL review process. MAPEP results only are peer reviewed by the GL of the applicable area to ensure that the data was entered correctly. **A second PT was successfully analyzed for this matrix.** **Uranium-234/233, and Uranium-238 in soil by Alpha Spec:** Following reviews of our process and data and conversations with personnel from the affected laboratories, it was determined that all failures were due to an incomplete sample digestion. A total digestion technique using Hydrofluoric Acid was performed on the sample. However, this digestion was not vigorous enough to extract all the U-234 and U-238 from the soil because the analytes were fused into the soil at an extremely high temperature. Due to the high number of labs that received a Not Acceptable rating for this analysis, MAPEP has posted an explanation on the preparation of the Uranium Soil standard on their website. **Permanent Corrective/Preventive Actions or Improvements** : Upon notification of the failure, the sample was re-digested using a Sodium Hydroxide fusion method prior to ion-exchange separation chemistry. The results for both the U-234 and U-238 fall within acceptable range. In the future, all MAPEP soil samples will be analyzed with a NaOH fusion dissolution technique. Our analytical procedures provide the flexibility to perform different extraction techniques (leaching, HF dissolution) based on client requests. For our DOE clients, complete dissolution using HF has been the approved

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
	method for Uranium. Some clients also ask for the Uranium analysis using a leach procedure. In all cases, GEL performs the required contractual procedure for the analysis. **A second PT was successfully analyzed for this matrix.**
CARR140520-874 ISO Documentation of PT Failures in –MRAD-20 for Americium-241 in water.	**Root Cause Analysis** After a thorough review of all data, a definite reason for the failure could not be determined. The following steps were taken to prove that this elevated bias was an isolated occurrence and that our overall process is within control. 1. The batch quality control samples were reviewed and found to be compliant. The recoveries in the Laboratory Control Sample (LCS) recovered at 98.2%. Two sample duplicates were also prepared in the batch. The RPDs were 4.8 and 8.6. 2. The sample was re-analyzed in duplicate after the report was received. One with our normal Am-243 tracer, and another with Cm-244 tracer. Both of the reanalysis confirm the original reported result (which is outside the range of acceptable results). Control charts for all Am tracer recoveries were also reviewed to determine if there may be an issue with the tracers. While there is a slight bias in the average LCS recovery, it was not significant enough to consider abnormal, and did not come close to accounting for the high result on this analysis. Additionally, since the sample was reanalyzed using two different tracers and achieved the same result, a tracer issue was ruled out as the potential culprit **Permanent Corrective/Preventive Actions or Improvements** : The laboratory must assume unidentified random error caused the elevated bias because all quality control criteria were met for the batch. Additionally, a well characterized performance evaluation sample from another vendor was prepped and analyzed a few weeks after this sample. The Am-241 recovered at 105% for this sample and fell well within its acceptance range. **A second PT was successfully analyzed for this matrix.**

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
CARR140825-902 For Failures of RAD-98 for Strontium-89 in Water	**Root Cause Analysis of Strontium-89 (Sr-89)** After a review of the data, an apparent reason for this discrepancy could not be determined. The following steps were taken to prove that this high bias was an isolated occurrence and that our overall process is within control. 1. The batch quality control samples were reviewed and found to be compliant. The LCS recovered at 103%. 2. Laboratory control data were also reviewed for trends. None was noted. 3. The instrument calibrations were reviewed for positive biases that could have attributed to this failure. None were noted. 4. Sample duplicates were also prepared and counted along with the reported result. All results fell within the method's acceptance range for duplicates. **Permanent Corrective/Preventive Actions or Improvements** The laboratory must assume an unidentified random error caused the high bias for this batch. While the LCS recovered outside to its acceptance range, the matrix spike (MS) recovery fell within both the acceptance range for the MS (80%-120%) and the acceptance range for the LCS (90%-110%). The result was also confirmed using Method LAB PBMS-A-004. The lab will continue to monitor the recoveries of this radionuclide to ensure that there are no issues. **A second PT was successfully analyzed for this matrix.**

6.2 Environmental TLD QA

Environmental dosimetry services for the reporting period of January – December, 2014 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 test perform by EDC clients. In-house test are performed using six pairs of 814 dosimeters, a pair is reported as an individual result and six pairs are reported as the mean result.

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 2014[(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 2014[1], [2]

Process Date	Mean Bias %	Standard Deviation %	Tolerance Limit +/-15%
4/19/2014	2.7	1.6	Pass
4/22/2014	-0.1	0.9	Pass
4/30/2014	0.1	1.9	Pass
7/22/2014	1.7	1.5	Pass
7/25/2014	2.8	1.2	Pass
8/04/2014	-3.6	1.0	Pass
9/24/2014	2.5	0.6	Pass
10/21/2014	0.7	0.5	Pass
10/28/2014	3.9	1.5	Pass
1/25/2015	4.1	1.1	Pass
1/28/2015	2.1	1.6	Pass
3/11/2015	-8.2	1.0	Pass

[1] This table summarizes results of tests conducted by EDC for TLDs issued in 2014.
[2] Environmental dosimeter results are free in air.

TABLE 6.2-3

SUMMARY OF INDEPENDENT BLIND SPIKE DOSIMETER TESTING JANUARY – DECEMBER 2014[1], [2]

Issuance Period	Client	Mean Bias %	Standard Deviation %	Pass / Fail
1st Qtr. 2014	Millstone	2.8	3.2	Pass
2nd Qtr.2014	Millstone	-6.0	4.5	Pass
2nd Qtr.2014	Seabrook	0.3	1.6	Pass
3rd Qtr. 2014	Millstone	-10.2	3.6	Pass
4th Qtr.2014	Millstone	-6.5	2.9	Pass
4th Qtr.2014	Seabrook	5.5	1.7	Pass

[1] Performance criterion is +/- 30%.
[2] Blind spike irradiations using Cs-137

TABLE 6.2-4
SUMMARY OF INDEPENDENT BLIND DUPLICATE DOSIMETER TESTING
JANUARY – DECEMBER 2014[1]

Issuance Period	Client	Number Tested	Mean Bias %	Standard Deviation %	% Passed Precision Criteria
1st Qtr. 2014	Seabrook	12	4.3	5.6	100
2nd Qtr. 2014	Seabrook	6	3.7	6.8	100
3rd Qtr. 2014	Seabrook	10	-4.2	3.7	100
4th Qtr. 2014	Seabrook	6	1.6	3.3	100

[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 2014 census was completed in accordance with the requirements of the ODCM. In 2014, 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 2014 Land Use Census and their distances are shown in Table 7.0-1. There were no changes in the identification of nearest residents from last year's census. There were three sectors which had a new nearest garden location different from last year's land use census. One garden was further away (NW) and two new gardens were closer (NNE, WSW).

There were no new milk producing locations identified within the required 8 km radius that were different from those reported in the 2013 land use census.

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 2014, 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

2014 Land Use Census Results
(Within 5 Miles)

Sector	Nearest Residence (km)	Nearest Garden (km)	Nearest Milk Animal (km)
N	2.73	3.97	
NNE	3.09	3.07 [a]	
NE	2.92	4.20	
ENE	2.31	2.44	
E	2.56	---	
ESE	2.43	---	
SE	2.36	---	
SSE	1.65	---	
S	1.21	1.25	
SSW	1.12	1.22	
SW	1.13	1.72	4.52 [b]
WSW	1.87	2.33 [a]	
W	1.32	1.55	
WNW	1.11	1.52	
NW	1.22	2.29 [a]	6.93
NNW	1.04	1.18	

[a] New locations in 2014.
[b] Owner indicates that all milk is for personal use and is not interested in participating in REMP sa mpling.

Attachment 1: Sample Analysis Data List for 2014

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.
X: Lab-specific qualifier:
(1) False positive due to the presence of radon gas in the water.
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.
DL*: Near miss of MDC being within round-off difference of being greater than the LLD.

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
AL	05	349593001	5/27/2014	Ac-228	1.81E+00	2.22E+01	6.67E+01	U
AL	05	349593001	5/27/2014	Ag-108m	2.50E+00	3.72E+00	1.26E+01	U
AL	05	349593001	5/27/2014	Ag-110m	-6.70E+00	6.99E+00	1.80E+01	U
AL	05	349593001	5/27/2014	Ba-140	-4.73E+00	6.08E+00	1.73E+01	U
AL	05	349593001	5/27/2014	Be-7	1.33E+02	6.06E+01	1.12E+02	
AL	05	349593001	5/27/2014	Ce-141	-1.63E-01	6.29E+00	1.94E+01	U
AL	05	349593001	5/27/2014	Ce-144	2.70E+01	2.21E+01	6.96E+01	U
AL	05	349593001	5/27/2014	Co-57	2.60E+00	2.84E+00	9.07E+00	U
AL	05	349593001	5/27/2014	Co-58	-7.02E-02	4.24E+00	1.42E+01	U
AL	05	349593001	5/27/2014	Co-60	-5.96E+00	5.32E+00	1.52E+01	U
AL	05	349593001	5/27/2014	Cr-51	-3.04E+01	3.96E+01	1.06E+02	U
AL	05	349593001	5/27/2014	Cs-134	2.24E+00	4.49E+00	1.53E+01	U
AL	05	349593001	5/27/2014	Cs-137	4.70E+00	5.03E+00	1.66E+01	U
AL	05	349593001	5/27/2014	Fe-59	-6.33E-01	1.02E+01	3.32E+01	U
AL	05	349593001	5/27/2014	I-131	-8.51E+00	6.81E+00	1.98E+01	U
AL	05	349593001	5/27/2014	K-40	6.63E+03	3.78E+02	1.34E+02	
AL	05	349593001	5/27/2014	La-140	-4.73E+00	6.08E+00	1.73E+01	U
AL	05	349593001	5/27/2014	Mn-54	-5.67E+00	4.96E+00	1.33E+01	U
AL	05	349593001	5/27/2014	Nb-95	1.05E+01	4.80E+00	1.53E+01	U
AL	05	349593001	5/27/2014	Ru-103	1.67E+00	3.98E+00	1.34E+01	U
AL	05	349593001	5/27/2014	Ru-106	-9.52E+00	3.82E+01	1.23E+02	U
AL	05	349593001	5/27/2014	Sb-124	1.45E+01	9.90E+00	3.42E+01	U
AL	05	349593001	5/27/2014	Sb-125	2.90E+00	1.04E+01	3.52E+01	U
AL	05	349593001	5/27/2014	Se-75	1.11E+00	4.95E+00	1.63E+01	U
AL	05	349593001	5/27/2014	Th-228	6.18E+00	1.16E+01	2.41E+01	U
AL	05	349593001	5/27/2014	Zn-65	1.14E+01	1.17E+01	3.86E+01	U
AL	05	349593001	5/27/2014	Zr-95	-1.72E+00	8.31E+00	2.34E+01	U
AL	05	362206001	11/21/2014	Ac-228	2.11E+01	1.72E+01	3.00E+01	U
AL	05	362206001	11/21/2014	Ag-108m	4.85E-01	2.17E+00	6.34E+00	U
AL	05	362206001	11/21/2014	Ag-110m	3.78E+00	3.72E+00	1.04E+01	U
AL	05	362206001	11/21/2014	Ba-140	-4.52E-01	5.96E+00	1.94E+01	U
AL	05	362206001	11/21/2014	Be-7	1.75E+02	3.98E+01	7.01E+01	
AL	05	362206001	11/21/2014	Ce-141	8.54E+00	5.00E+00	1.38E+01	U
AL	05	362206001	11/21/2014	Ce-144	4.24E+00	1.21E+01	4.00E+01	U
AL	05	362206001	11/21/2014	Co-57	6.64E-01	1.60E+00	5.32E+00	U
AL	05	362206001	11/21/2014	Co-58	1.29E+00	2.61E+00	8.54E+00	U
AL	05	362206001	11/21/2014	Co-60	-1.22E+00	3.18E+00	8.80E+00	U
AL	05	362206001	11/21/2014	Cr-51	-1.78E+01	3.02E+01	8.24E+01	U
AL	05	362206001	11/21/2014	Cs-134	1.21E+00	2.64E+00	8.64E+00	U
AL	05	362206001	11/21/2014	Cs-137	6.34E+00	2.81E+00	8.32E+00	U
AL	05	362206001	11/21/2014	Fe-59	-3.54E-01	6.51E+00	2.17E+01	U
AL	05	362206001	11/21/2014	I-131	9.31E+00	9.73E+00	3.25E+01	U
AL	05	362206001	11/21/2014	K-40	9.00E+03	4.23E+02	7.03E+01	
AL	05	362206001	11/21/2014	La-140	-4.52E-01	5.96E+00	1.94E+01	U
AL	05	362206001	11/21/2014	Mn-54	2.09E+00	2.79E+00	7.89E+00	U
AL	05	362206001	11/21/2014	Nb-95	3.70E+00	2.76E+00	8.82E+00	U
AL	05	362206001	11/21/2014	Ru-103	-6.16E+00	4.02E+00	8.80E+00	U
AL	05	362206001	11/21/2014	Ru-106	-1.79E+01	2.05E+01	6.47E+01	U
AL	05	362206001	11/21/2014	Sb-124	1.96E+00	4.65E+00	1.54E+01	U
AL	05	362206001	11/21/2014	Sb-125	-6.24E+00	5.78E+00	1.84E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
AL	05	362206001	11/21/2014	Se-75	3.25E+00	3.00E+00	9.56E+00	U
AL	05	362206001	11/21/2014	Th-228	4.77E-01	5.63E+00	1.39E+01	U
AL	05	362206001	11/21/2014	Zn-65	1.12E+01	7.50E+00	2.11E+01	U
AL	05	362206001	11/21/2014	Zr-95	4.29E+00	4.86E+00	1.58E+01	U
AL	55	349593002	5/21/2014	Ac-228	0.00E+00	1.18E+01	2.27E+01	U
AL	55	349593002	5/21/2014	Ag-108m	1.36E+00	1.25E+00	3.81E+00	U
AL	55	349593002	5/21/2014	Ag-110m	-4.03E-01	2.06E+00	6.80E+00	U
AL	55	349593002	5/21/2014	Ba-140	-4.19E+00	2.76E+00	7.88E+00	U
AL	55	349593002	5/21/2014	Be-7	3.10E+02	2.67E+01	3.88E+01	
AL	55	349593002	5/21/2014	Ce-141	-5.39E+00	3.64E+00	7.79E+00	U
AL	55	349593002	5/21/2014	Ce-144	1.63E+01	8.51E+00	2.59E+01	U
AL	55	349593002	5/21/2014	Co-57	-2.10E-01	1.00E+00	3.33E+00	U
AL	55	349593002	5/21/2014	Co-58	-3.61E-01	1.49E+00	4.92E+00	U
AL	55	349593002	5/21/2014	Co-60	5.24E-01	1.71E+00	5.75E+00	U
AL	55	349593002	5/21/2014	Cr-51	7.40E+00	1.32E+01	4.48E+01	U
AL	55	349593002	5/21/2014	Cs-134	3.65E+00	1.84E+00	5.68E+00	U
AL	55	349593002	5/21/2014	Cs-137	2.95E+00	1.65E+00	5.01E+00	U
AL	55	349593002	5/21/2014	Fe-59	7.01E-01	4.17E+00	1.36E+01	U
AL	55	349593002	5/21/2014	I-131	4.32E+01	6.35E+00	1.18E+01	M
AL	55	349593002	5/21/2014	K-40	7.83E+03	3.64E+02	4.05E+01	
AL	55	349593002	5/21/2014	La-140	-4.19E+00	2.76E+00	7.88E+00	U
AL	55	349593002	5/21/2014	Mn-54	-2.12E-01	1.46E+00	4.83E+00	U
AL	55	349593002	5/21/2014	Nb-95	-3.31E-01	2.44E+00	5.60E+00	U
AL	55	349593002	5/21/2014	Ru-103	2.15E+00	1.75E+00	4.87E+00	U
AL	55	349593002	5/21/2014	Ru-106	-2.04E+01	1.36E+01	3.96E+01	U
AL	55	349593002	5/21/2014	Sb-124	-2.93E+00	3.08E+00	9.37E+00	U
AL	55	349593002	5/21/2014	Sb-125	1.64E+00	3.49E+00	1.16E+01	U
AL	55	349593002	5/21/2014	Se-75	-2.59E+00	1.89E+00	5.56E+00	U
AL	55	349593002	5/21/2014	Th-228	3.10E+01	4.08E+00	6.71E+00	
AL	55	349593002	5/21/2014	Zn-65	-5.79E+00	4.45E+00	1.33E+01	U
AL	55	349593002	5/21/2014	Zr-95	2.78E+00	2.76E+00	9.18E+00	U
AL	55	363351001	12/15/2014	Ac-228	1.53E+01	2.63E+01	8.78E+01	U
AL	55	363351001	12/15/2014	Ag-108m	4.26E+00	4.52E+00	1.55E+01	U
AL	55	363351001	12/15/2014	Ag-110m	3.86E+00	8.41E+00	2.87E+01	U
AL	55	363351001	12/15/2014	Ba-140	-1.53E+00	7.71E+00	2.44E+01	U
AL	55	363351001	12/15/2014	Be-7	2.53E+02	7.03E+01	1.22E+02	
AL	55	363351001	12/15/2014	Ce-141	-9.42E+00	6.51E+00	1.83E+01	U
AL	55	363351001	12/15/2014	Ce-144	3.68E+01	2.34E+01	7.47E+01	U
AL	55	363351001	12/15/2014	Co-57	5.02E-01	2.85E+00	9.25E+00	U
AL	55	363351001	12/15/2014	Co-58	8.90E+00	5.78E+00	1.94E+01	U
AL	55	363351001	12/15/2014	Co-60	8.01E-02	7.21E+00	2.08E+01	U
AL	55	363351001	12/15/2014	Cr-51	-4.31E+01	4.21E+01	1.27E+02	U
AL	55	363351001	12/15/2014	Cs-134	4.56E-01	6.43E+00	2.08E+01	U
AL	55	363351001	12/15/2014	Cs-137	4.08E+00	5.44E+00	1.84E+01	U
AL	55	363351001	12/15/2014	Fe-59	-3.96E+00	1.68E+01	5.44E+01	U
AL	55	363351001	12/15/2014	I-131	-2.34E+00	9.20E+00	2.94E+01	U
AL	55	363351001	12/15/2014	K-40	8.40E+03	4.88E+02	1.44E+02	
AL	55	363351001	12/15/2014	La-140	-1.53E+00	7.71E+00	2.44E+01	U
AL	55	363351001	12/15/2014	Mn-54	-4.76E+00	5.31E+00	1.64E+01	U
AL	55	363351001	12/15/2014	Nb-95	1.04E+01	6.94E+00	2.23E+01	U
AL	55	363351001	12/15/2014	Ru-103	-8.68E+00	5.21E+00	1.44E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
AL	55	363351001	12/15/2014	Ru-106	4.29E+01	4.45E+01	1.51E+02	U
AL	55	363351001	12/15/2014	Sb-124	8.58E+00	1.17E+01	4.13E+01	U
AL	55	363351001	12/15/2014	Sb-125	-9.89E+00	1.36E+01	4.12E+01	U
AL	55	363351001	12/15/2014	Se-75	6.51E+00	5.82E+00	1.95E+01	U
AL	55	363351001	12/15/2014	Th-228	1.81E+01	1.01E+01	2.00E+01	U
AL	55	363351001	12/15/2014	Zn-65	1.26E+00	1.63E+01	5.38E+01	U
AL	55	363351001	12/15/2014	Zr-95	-2.03E+00	9.97E+00	3.18E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	01	341035001	1/8/2014	BETA	3.58E-02	1.51E-03	5.32E-04	
AP	01	341927001	1/22/2014	BETA	3.15E-02	1.39E-03	5.75E-04	
AP	01	342573001	2/4/2014	BETA	3.13E-02	1.41E-03	5.18E-04	
AP	01	343447001	2/19/2014	BETA	2.92E-02	1.28E-03	5.22E-04	
AP	01	344166001	3/5/2014	BETA	3.42E-02	1.45E-03	5.29E-04	
AP	01	345114001	3/19/2014	BETA	2.88E-02	1.34E-03	5.70E-04	
AP	01	346215001	4/3/2014	BETA	2.24E-02	1.16E-03	5.37E-04	
AP	01	348245001	4/3/2014	Ac-228	1.97E-04	9.44E-04	2.53E-03	U
AP	01	348245001	4/3/2014	Ag-108m	-7.12E-05	1.33E-04	4.12E-04	U
AP	01	348245001	4/3/2014	Ag-110m	-2.12E-04	2.76E-04	8.11E-04	U
AP	01	348245001	4/3/2014	Ba-140	-5.29E-03	2.02E-02	6.53E-02	U
AP	01	348245001	4/3/2014	Be-7	1.19E-01	9.87E-03	8.94E-03	
AP	01	348245001	4/3/2014	Ce-141	-7.93E-04	9.96E-04	2.90E-03	U
AP	01	348245001	4/3/2014	Ce-144	2.37E-04	7.26E-04	2.38E-03	U
AP	01	348245001	4/3/2014	Co-57	-1.83E-05	8.49E-05	2.74E-04	U
AP	01	348245001	4/3/2014	Co-58	1.67E-04	3.50E-04	1.18E-03	U
AP	01	348245001	4/3/2014	Co-60	-2.02E-04	2.26E-04	6.57E-04	U
AP	01	348245001	4/3/2014	Cr-51	-9.44E-03	8.82E-03	2.66E-02	U
AP	01	348245001	4/3/2014	Cs-134	-2.11E-04	2.10E-04	6.08E-04	U
AP	01	348245001	4/3/2014	Cs-137	-1.31E-04	1.79E-04	5.57E-04	U
AP	01	348245001	4/3/2014	Fe-59	1.40E-03	1.08E-03	3.87E-03	U
AP	01	348245001	4/3/2014	I-131	0.00E+00	1.98E-01	0.00E+00	UI
AP	01	348245001	4/3/2014	K-40	1.41E-03	2.46E-03	8.37E-03	U
AP	01	348245001	4/3/2014	La-140	-5.29E-03	2.02E-02	6.53E-02	U
AP	01	348245001	4/3/2014	Mn-54	3.63E-04	2.11E-04	5.70E-04	U
AP	01	348245001	4/3/2014	Nb-95	-4.74E-04	4.48E-04	1.31E-03	U
AP	01	348245001	4/3/2014	Ru-103	-6.86E-04	6.63E-04	1.91E-03	U
AP	01	348245001	4/3/2014	Ru-106	-1.87E-03	1.71E-03	5.08E-03	U
AP	01	348245001	4/3/2014	Sb-124	5.55E-05	8.80E-04	2.96E-03	U
AP	01	348245001	4/3/2014	Sb-125	-3.68E-04	4.24E-04	1.27E-03	U
AP	01	348245001	4/3/2014	Se-75	-2.65E-04	2.83E-04	8.87E-04	U
AP	01	348245001	4/3/2014	Th-228	2.65E-04	2.22E-04	5.59E-04	U
AP	01	348245001	4/3/2014	Zn-65	-1.52E-04	6.02E-04	1.63E-03	U
AP	01	348245001	4/3/2014	Zr-95	-1.12E-03	7.65E-04	2.06E-03	U
AP	01	347133001	4/17/2014	BETA	2.48E-02	1.29E-03	6.43E-04	
AP	01	347917001	4/30/2014	BETA	1.27E-02	9.61E-04	7.09E-04	
AP	01	348849001	5/14/2014	BETA	1.58E-02	1.01E-03	6.54E-04	
AP	01	349789001	5/28/2014	BETA	1.50E-02	9.59E-04	5.52E-04	
AP	01	350662001	6/11/2014	BETA	1.38E-02	9.24E-04	5.74E-04	
AP	01	351500001	6/25/2014	BETA	1.59E-02	9.96E-04	5.47E-04	
AP	01	354761001	6/25/2014	Ac-228	2.18E-03	1.83E-03	5.03E-03	U
AP	01	354761001	6/25/2014	Ag-108m	-2.56E-04	2.15E-04	5.80E-04	U
AP	01	354761001	6/25/2014	Ag-110m	-3.41E-04	5.23E-04	1.53E-03	U
AP	01	354761001	6/25/2014	Ba-140	-6.48E-02	5.89E-02	1.54E-01	U
AP	01	354761001	6/25/2014	Be-7	1.05E-01	1.37E-02	2.40E-02	
AP	01	354761001	6/25/2014	Ce-141	-1.12E-04	1.85E-03	5.89E-03	U
AP	01	354761001	6/25/2014	Ce-144	5.70E-04	1.44E-03	4.69E-03	U
AP	01	354761001	6/25/2014	Co-57	-3.86E-05	1.63E-04	5.19E-04	U
AP	01	354761001	6/25/2014	Co-58	1.02E-03	6.75E-04	2.43E-03	U
AP	01	354761001	6/25/2014	Co-60	-3.20E-04	3.19E-04	8.19E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	01	354761001	6/25/2014	Cr-51	-2.71E-02	2.22E-02	5.33E-02	U
AP	01	354761001	6/25/2014	Cs-134	7.52E-04	4.13E-04	1.38E-03	U
AP	01	354761001	6/25/2014	Cs-137	-1.91E-04	2.54E-04	7.53E-04	U
AP	01	354761001	6/25/2014	Fe-59	5.01E-03	2.60E-03	9.46E-03	U
AP	01	354761001	6/25/2014	I-131	0.00E+00	6.02E-01	0.00E+00	UI
AP	01	354761001	6/25/2014	K-40	-3.25E-03	4.58E-03	1.48E-02	U
AP	01	354761001	6/25/2014	La-140	-6.48E-02	5.89E-02	1.54E-01	U
AP	01	354761001	6/25/2014	Mn-54	3.75E-04	2.96E-04	1.08E-03	U
AP	01	354761001	6/25/2014	Nb-95	-1.01E-03	8.74E-04	2.41E-03	U
AP	01	354761001	6/25/2014	Ru-103	5.61E-04	1.07E-03	3.76E-03	U
AP	01	354761001	6/25/2014	Ru-106	-5.02E-03	3.33E-03	8.77E-03	U
AP	01	354761001	6/25/2014	Sb-124	-2.13E-03	1.70E-03	3.52E-03	U
AP	01	354761001	6/25/2014	Sb-125	8.65E-04	6.95E-04	2.40E-03	U
AP	01	354761001	6/25/2014	Se-75	-1.66E-04	4.43E-04	1.43E-03	U
AP	01	354761001	6/25/2014	Th-228	5.42E-04	4.43E-04	1.41E-03	U
AP	01	354761001	6/25/2014	Zn-65	2.15E-04	8.04E-04	2.76E-03	U
AP	01	354761001	6/25/2014	Zr-95	-2.73E-03	1.63E-03	3.92E-03	U
AP	01	352440001	7/9/2014	BETA	2.62E-02	1.29E-03	5.81E-04	
AP	01	353511001	7/23/2014	BETA	2.10E-02	1.16E-03	6.15E-04	
AP	01	354408001	8/6/2014	BETA	2.36E-02	1.23E-03	5.94E-04	
AP	01	355405001	8/20/2014	BETA	1.60E-02	1.01E-03	5.96E-04	
AP	01	356288001	9/3/2014	BETA	2.39E-02	1.24E-03	5.96E-04	
AP	01	357203001	9/17/2014	BETA	2.31E-02	1.21E-03	5.34E-04	
AP	01	357975001	10/1/2014	BETA	2.86E-02	1.36E-03	5.58E-04	
AP	01	361410001	10/1/2014	Ac-228	3.90E-04	6.84E-04	2.19E-03	U
AP	01	361410001	10/1/2014	Ag-108m	4.17E-05	1.06E-04	3.59E-04	U
AP	01	361410001	10/1/2014	Ag-110m	1.74E-04	2.30E-04	7.89E-04	U
AP	01	361410001	10/1/2014	Ba-140	-5.61E-02	7.16E-02	2.06E-01	U
AP	01	361410001	10/1/2014	Be-7	1.11E-01	1.04E-02	1.07E-02	
AP	01	361410001	10/1/2014	Ce-141	1.24E-03	1.59E-03	5.27E-03	U
AP	01	361410001	10/1/2014	Ce-144	-4.85E-04	7.79E-04	2.40E-03	U
AP	01	361410001	10/1/2014	Co-57	-9.61E-05	1.01E-04	3.03E-04	U
AP	01	361410001	10/1/2014	Co-58	6.42E-05	3.06E-04	1.02E-03	U
AP	01	361410001	10/1/2014	Co-60	1.45E-04	1.42E-04	5.17E-04	U
AP	01	361410001	10/1/2014	Cr-51	4.73E-03	1.38E-02	4.53E-02	U
AP	01	361410001	10/1/2014	Cs-134	-1.95E-04	1.41E-04	3.70E-04	U
AP	01	361410001	10/1/2014	Cs-137	0.00E+00	1.54E-04	4.69E-04	U
AP	01	361410001	10/1/2014	Fe-59	1.45E-03	1.47E-03	5.18E-03	U
AP	01	361410001	10/1/2014	I-131	0.00E+00	1.69E+00	0.00E+00	UI
AP	01	361410001	10/1/2014	K-40	-1.23E-03	1.92E-03	6.06E-03	U
AP	01	361410001	10/1/2014	La-140	-5.61E-02	7.16E-02	2.06E-01	U
AP	01	361410001	10/1/2014	Mn-54	-1.31E-04	1.97E-04	6.05E-04	U
AP	01	361410001	10/1/2014	Nb-95	8.06E-04	5.44E-04	1.68E-03	U
AP	01	361410001	10/1/2014	Ru-103	2.00E-04	7.08E-04	2.08E-03	U
AP	01	361410001	10/1/2014	Ru-106	-3.01E-04	1.43E-03	4.75E-03	U
AP	01	361410001	10/1/2014	Sb-124	2.91E-03	1.17E-03	4.42E-03	U
AP	01	361410001	10/1/2014	Sb-125	2.92E-05	3.29E-04	1.10E-03	U
AP	01	361410001	10/1/2014	Se-75	-1.54E-04	2.55E-04	7.98E-04	U
AP	01	361410001	10/1/2014	Th-228	4.49E-04	3.60E-04	8.62E-04	U
AP	01	361410001	10/1/2014	Zn-65	5.61E-05	3.56E-04	1.19E-03	U
AP	01	361410001	10/1/2014	Zr-95	-4.83E-04	6.68E-04	2.02E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	01	359254001	10/15/2014	BETA	1.95E-02	1.13E-03	6.17E-04	
AP	01	360254001	10/29/2014	BETA	1.56E-02	9.94E-04	5.50E-04	
AP	01	361406001	11/12/2014	BETA	2.43E-02	1.23E-03	5.92E-04	
AP	01	362127001	11/25/2014	BETA	2.43E-02	1.27E-03	6.59E-04	
AP	01	363065001	12/10/2014	BETA	2.35E-02	1.16E-03	5.02E-04	
AP	01	363736001	12/22/2014	BETA	1.75E-02	1.12E-03	6.89E-04	
AP	01	365799001	12/22/2014	Ac-228	5.12E-04	7.61E-04	2.81E-03	U
AP	01	365799001	12/22/2014	Ag-108m	-4.40E-05	1.33E-04	4.17E-04	U
AP	01	365799001	12/22/2014	Ag-110m	-4.57E-04	3.24E-04	7.98E-04	U
AP	01	365799001	12/22/2014	Ba-140	2.29E-02	2.29E-02	7.97E-02	U
AP	01	365799001	12/22/2014	Be-7	7.84E-02	7.97E-03	9.56E-03	
AP	01	365799001	12/22/2014	Ce-141	-3.75E-04	8.38E-04	2.62E-03	U
AP	01	365799001	12/22/2014	Ce-144	-2.90E-04	7.86E-04	2.48E-03	U
AP	01	365799001	12/22/2014	Co-57	4.81E-05	1.16E-04	3.86E-04	U
AP	01	365799001	12/22/2014	Co-58	-5.97E-04	3.43E-04	7.44E-04	U
AP	01	365799001	12/22/2014	Co-60	-6.46E-05	1.98E-04	6.13E-04	U
AP	01	365799001	12/22/2014	Cr-51	-2.43E-03	7.22E-03	2.02E-02	U
AP	01	365799001	12/22/2014	Cs-134	2.89E-04	2.03E-04	7.05E-04	U
AP	01	365799001	12/22/2014	Cs-137	1.78E-04	1.60E-04	5.78E-04	U
AP	01	365799001	12/22/2014	Fe-59	-5.42E-04	1.07E-03	3.32E-03	U
AP	01	365799001	12/22/2014	I-131	6.36E-02	6.70E-02	2.30E-01	U
AP	01	365799001	12/22/2014	K-40	6.76E-03	2.75E-03	8.17E-03	U
AP	01	365799001	12/22/2014	La-140	-1.20E-02	1.04E-02	2.39E-02	U
AP	01	365799001	12/22/2014	Mn-54	-4.03E-04	2.37E-04	5.50E-04	U
AP	01	365799001	12/22/2014	Nb-95	6.32E-04	3.56E-04	1.28E-03	U
AP	01	365799001	12/22/2014	Ru-103	-2.91E-04	5.26E-04	1.59E-03	U
AP	01	365799001	12/22/2014	Ru-106	-1.16E-03	1.65E-03	5.07E-03	U
AP	01	365799001	12/22/2014	Sb-124	-9.45E-05	1.09E-03	3.45E-03	U
AP	01	365799001	12/22/2014	Sb-125	5.66E-04	4.02E-04	1.41E-03	U
AP	01	365799001	12/22/2014	Se-75	-3.16E-04	2.93E-04	7.48E-04	U
AP	01	365799001	12/22/2014	Th-228	-1.55E-04	2.75E-04	9.33E-04	U
AP	01	365799001	12/22/2014	Zn-65	3.72E-04	4.56E-04	1.66E-03	U
AP	01	365799001	12/22/2014	Zr-95	5.60E-05	6.29E-04	2.10E-03	U
AP	02	341035002	1/8/2014	BETA	3.34E-02	1.44E-03	5.23E-04	
AP	02	341927002	1/22/2014	BETA	3.18E-02	1.40E-03	5.77E-04	
AP	02	342573002	2/4/2014	BETA	2.95E-02	1.35E-03	5.00E-04	
AP	02	343447002	2/19/2014	BETA	2.75E-02	1.22E-03	5.01E-04	
AP	02	344166002	3/5/2014	BETA	3.76E-02	1.49E-03	5.02E-04	
AP	02	345114002	3/19/2014	BETA	3.09E-02	1.35E-03	5.42E-04	
AP	02	346215002	4/3/2014	BETA	2.35E-02	1.13E-03	4.91E-04	
AP	02	348245002	4/3/2014	Ac-228	1.77E-03	7.72E-04	2.35E-03	U
AP	02	348245002	4/3/2014	Ag-108m	1.88E-04	1.07E-04	3.55E-04	U
AP	02	348245002	4/3/2014	Ag-110m	6.69E-05	2.07E-04	7.03E-04	U
AP	02	348245002	4/3/2014	Ba-140	6.30E-03	1.85E-02	6.34E-02	U
AP	02	348245002	4/3/2014	Be-7	1.30E-01	1.10E-02	8.82E-03	
AP	02	348245002	4/3/2014	Ce-141	-1.36E-04	7.37E-04	2.29E-03	U
AP	02	348245002	4/3/2014	Ce-144	-4.87E-04	5.62E-04	1.73E-03	U
AP	02	348245002	4/3/2014	Co-57	-6.86E-05	7.71E-05	2.38E-04	U
AP	02	348245002	4/3/2014	Co-58	6.12E-05	2.71E-04	9.19E-04	U
AP	02	348245002	4/3/2014	Co-60	2.51E-06	1.58E-04	5.10E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	02	348245002	4/3/2014	Cr-51	3.84E-03	6.35E-03	2.17E-02	U
AP	02	348245002	4/3/2014	Cs-134	6.25E-05	1.75E-04	5.95E-04	U
AP	02	348245002	4/3/2014	Cs-137	0.00E+00	0.00E+00	4.29E-04	U
AP	02	348245002	4/3/2014	Fe-59	7.85E-05	1.01E-03	3.32E-03	U
AP	02	348245002	4/3/2014	I-131	0.00E+00	1.62E-01	0.00E+00	UI
AP	02	348245002	4/3/2014	K-40	3.06E-03	2.52E-03	3.20E-03	U
AP	02	348245002	4/3/2014	La-140	6.30E-03	1.85E-02	6.34E-02	U
AP	02	348245002	4/3/2014	Mn-54	1.33E-04	1.37E-04	4.81E-04	U
AP	02	348245002	4/3/2014	Nb-95	1.15E-04	2.92E-04	1.00E-03	U
AP	02	348245002	4/3/2014	Ru-103	-6.79E-04	4.74E-04	1.31E-03	U
AP	02	348245002	4/3/2014	Ru-106	-9.18E-04	1.37E-03	4.15E-03	U
AP	02	348245002	4/3/2014	Sb-124	-4.03E-04	7.43E-04	2.24E-03	U
AP	02	348245002	4/3/2014	Sb-125	-1.80E-04	3.23E-04	1.02E-03	U
AP	02	348245002	4/3/2014	Se-75	-8.14E-05	3.25E-04	6.89E-04	U
AP	02	348245002	4/3/2014	Th-228	3.83E-04	3.92E-04	5.47E-04	U
AP	02	348245002	4/3/2014	Zn-65	-7.19E-04	3.90E-04	8.74E-04	U
AP	02	348245002	4/3/2014	Zr-95	5.35E-04	6.31E-04	2.18E-03	U
AP	02	347133002	4/17/2014	BETA	2.33E-02	1.19E-03	5.76E-04	
AP	02	347917002	4/30/2014	BETA	1.78E-02	1.07E-03	6.30E-04	
AP	02	348849002	5/14/2014	BETA	1.75E-02	1.03E-03	6.18E-04	
AP	02	349789002	5/28/2014	BETA	1.35E-02	9.14E-04	5.57E-04	
AP	02	350662002	6/11/2014	BETA	1.29E-02	8.98E-04	5.78E-04	
AP	02	351500002	6/25/2014	BETA	1.82E-02	1.07E-03	5.47E-04	
AP	02	354761002	6/25/2014	Ac-228	4.41E-04	1.09E-03	4.14E-03	U
AP	02	354761002	6/25/2014	Ag-108m	-2.73E-04	1.72E-04	4.41E-04	U
AP	02	354761002	6/25/2014	Ag-110m	2.66E-04	4.07E-04	1.43E-03	U
AP	02	354761002	6/25/2014	Ba-140	-2.64E-02	4.05E-02	1.17E-01	U
AP	02	354761002	6/25/2014	Be-7	9.32E-02	1.18E-02	1.63E-02	
AP	02	354761002	6/25/2014	Ce-141	1.66E-03	1.50E-03	4.98E-03	U
AP	02	354761002	6/25/2014	Ce-144	6.58E-04	1.00E-03	3.35E-03	U
AP	02	354761002	6/25/2014	Co-57	4.65E-04	1.68E-04	4.91E-04	U
AP	02	354761002	6/25/2014	Co-58	5.98E-05	4.72E-04	1.60E-03	U
AP	02	354761002	6/25/2014	Co-60	-3.04E-04	2.56E-04	5.99E-04	U
AP	02	354761002	6/25/2014	Cr-51	1.10E-02	1.45E-02	5.00E-02	U
AP	02	354761002	6/25/2014	Cs-134	-2.31E-05	2.88E-04	9.58E-04	U
AP	02	354761002	6/25/2014	Cs-137	-1.58E-04	2.33E-04	6.82E-04	U
AP	02	354761002	6/25/2014	Fe-59	-4.70E-04	1.86E-03	5.52E-03	U
AP	02	354761002	6/25/2014	I-131	0.00E+00	4.75E-01	0.00E+00	UI
AP	02	354761002	6/25/2014	K-40	1.12E-03	3.21E-03	6.09E-03	U
AP	02	354761002	6/25/2014	La-140	-2.64E-02	4.05E-02	1.17E-01	U
AP	02	354761002	6/25/2014	Mn-54	1.57E-04	2.60E-04	9.11E-04	U
AP	02	354761002	6/25/2014	Nb-95	-7.47E-04	6.44E-04	1.83E-03	U
AP	02	354761002	6/25/2014	Ru-103	-2.98E-04	1.03E-03	3.05E-03	U
AP	02	354761002	6/25/2014	Ru-106	-2.37E-03	2.50E-03	7.09E-03	U
AP	02	354761002	6/25/2014	Sb-124	1.21E-04	1.65E-03	5.52E-03	U
AP	02	354761002	6/25/2014	Sb-125	-6.53E-04	6.12E-04	1.79E-03	U
AP	02	354761002	6/25/2014	Se-75	5.94E-05	3.76E-04	1.14E-03	U
AP	02	354761002	6/25/2014	Th-228	5.59E-04	5.56E-04	1.28E-03	U
AP	02	354761002	6/25/2014	Zn-65	2.16E-04	6.99E-04	2.36E-03	U
AP	02	354761002	6/25/2014	Zr-95	-4.11E-05	9.89E-04	3.31E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	02	352440002	7/9/2014	BETA	2.88E-02	1.35E-03	5.76E-04	
AP	02	353511002	7/23/2014	BETA	2.11E-02	1.16E-03	6.15E-04	
AP	02	354408002	8/6/2014	BETA	2.55E-02	1.28E-03	5.94E-04	
AP	02	355405002	8/20/2014	BETA	2.05E-02	1.14E-03	5.93E-04	
AP	02	356288002	9/3/2014	BETA	2.39E-02	1.24E-03	5.92E-04	
AP	02	357203002	9/17/2014	BETA	2.52E-02	1.27E-03	5.34E-04	
AP	02	357975002	10/1/2014	BETA	2.95E-02	1.38E-03	5.60E-04	
AP	02	361410002	10/1/2014	Ac-228	-7.59E-04	1.01E-03	2.71E-03	U
AP	02	361410002	10/1/2014	Ag-108m	-1.41E-04	2.46E-04	6.42E-04	U
AP	02	361410002	10/1/2014	Ag-110m	2.34E-05	4.15E-04	1.35E-03	U
AP	02	361410002	10/1/2014	Ba-140	-1.38E-01	1.44E-01	3.96E-01	U
AP	02	361410002	10/1/2014	Be-7	1.19E-01	1.59E-02	1.97E-02	
AP	02	361410002	10/1/2014	Ce-141	2.35E-03	1.95E-03	5.90E-03	U
AP	02	361410002	10/1/2014	Ce-144	1.68E-03	1.21E-03	3.99E-03	U
AP	02	361410002	10/1/2014	Co-57	-1.79E-04	1.57E-04	4.56E-04	U
AP	02	361410002	10/1/2014	Co-58	2.10E-05	5.97E-04	1.95E-03	U
AP	02	361410002	10/1/2014	Co-60	1.16E-04	2.69E-04	9.38E-04	U
AP	02	361410002	10/1/2014	Cr-51	1.76E-02	2.50E-02	8.51E-02	U
AP	02	361410002	10/1/2014	Cs-134	2.11E-04	3.12E-04	1.08E-03	U
AP	02	361410002	10/1/2014	Cs-137	-2.48E-05	2.84E-04	9.31E-04	U
AP	02	361410002	10/1/2014	Fe-59	5.20E-03	2.67E-03	1.15E-02	U
AP	02	361410002	10/1/2014	I-131	-2.82E+00	3.33E+00	0.00E+00	U
AP	02	361410002	10/1/2014	K-40	-4.36E-03	3.31E-03	1.05E-02	U
AP	02	361410002	10/1/2014	La-140	-1.38E-01	1.44E-01	3.96E-01	U
AP	02	361410002	10/1/2014	Mn-54	3.73E-06	2.98E-04	9.71E-04	U
AP	02	361410002	10/1/2014	Nb-95	1.05E-03	7.50E-04	2.69E-03	U
AP	02	361410002	10/1/2014	Ru-103	1.15E-03	1.30E-03	4.61E-03	U
AP	02	361410002	10/1/2014	Ru-106	1.36E-04	2.54E-03	8.48E-03	U
AP	02	361410002	10/1/2014	Sb-124	2.77E-03	2.92E-03	1.07E-02	U
AP	02	361410002	10/1/2014	Sb-125	1.56E-03	1.32E-03	2.54E-03	U
AP	02	361410002	10/1/2014	Se-75	-3.78E-04	4.81E-04	1.50E-03	U
AP	02	361410002	10/1/2014	Th-228	1.23E-04	4.67E-04	1.25E-03	U
AP	02	361410002	10/1/2014	Zn-65	3.55E-04	7.42E-04	2.59E-03	U
AP	02	361410002	10/1/2014	Zr-95	2.00E-04	1.23E-03	4.09E-03	U
AP	02	359254002	10/15/2014	BETA	1.61E-02	1.23E-03	7.31E-04	
AP	02	360254002	10/29/2014	BETA	1.47E-02	1.18E-03	6.71E-04	
AP	02	361406002	11/12/2014	BETA	2.24E-02	1.19E-03	6.02E-04	
AP	02	362127002	11/25/2014	BETA	2.63E-02	1.33E-03	6.68E-04	
AP	02	363065002	12/10/2014	BETA	2.13E-02	1.11E-03	5.11E-04	
AP	02	363736002	12/22/2014	BETA	1.67E-02	1.11E-03	7.06E-04	
AP	02	365799002	12/22/2014	Ac-228	2.38E-04	1.06E-03	3.53E-03	U
AP	02	365799002	12/22/2014	Ag-108m	-5.09E-05	1.39E-04	4.43E-04	U
AP	02	365799002	12/22/2014	Ag-110m	-3.20E-04	3.11E-04	8.66E-04	U
AP	02	365799002	12/22/2014	Ba-140	2.41E-03	2.51E-02	8.27E-02	U
AP	02	365799002	12/22/2014	Be-7	5.57E-02	8.14E-03	7.75E-03	
AP	02	365799002	12/22/2014	Ce-141	5.96E-04	1.47E-03	2.71E-03	U
AP	02	365799002	12/22/2014	Ce-144	2.50E-03	9.67E-04	2.85E-03	U
AP	02	365799002	12/22/2014	Co-57	-2.23E-04	1.27E-04	3.37E-04	U
AP	02	365799002	12/22/2014	Co-58	-3.60E-04	2.92E-04	7.55E-04	U
AP	02	365799002	12/22/2014	Co-60	2.86E-04	1.82E-04	7.29E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	02	365799002	12/22/2014	Cr-51	1.48E-02	8.36E-03	2.86E-02	U
AP	02	365799002	12/22/2014	Cs-134	2.14E-04	1.88E-04	6.92E-04	U
AP	02	365799002	12/22/2014	Cs-137	-1.21E-04	2.18E-04	5.50E-04	U
AP	02	365799002	12/22/2014	Fe-59	-1.11E-03	9.13E-04	2.11E-03	U
AP	02	365799002	12/22/2014	I-131	-1.38E-03	6.66E-02	2.23E-01	U
AP	02	365799002	12/22/2014	K-40	4.16E-03	3.32E-03	1.26E-02	U
AP	02	365799002	12/22/2014	La-140	-9.72E-04	1.18E-02	3.86E-02	U
AP	02	365799002	12/22/2014	Mn-54	3.92E-04	2.12E-04	7.81E-04	U
AP	02	365799002	12/22/2014	Nb-95	4.89E-04	4.00E-04	1.44E-03	U
AP	02	365799002	12/22/2014	Ru-103	9.10E-04	5.67E-04	1.95E-03	U
AP	02	365799002	12/22/2014	Ru-106	1.06E-03	1.74E-03	5.92E-03	U
AP	02	365799002	12/22/2014	Sb-124	3.89E-06	9.51E-04	3.14E-03	U
AP	02	365799002	12/22/2014	Sb-125	1.54E-04	4.09E-04	1.40E-03	U
AP	02	365799002	12/22/2014	Se-75	-2.96E-05	3.01E-04	9.51E-04	U
AP	02	365799002	12/22/2014	Th-228	1.79E-04	3.47E-04	1.04E-03	U
AP	02	365799002	12/22/2014	Zn-65	-5.98E-04	5.46E-04	1.43E-03	U
AP	02	365799002	12/22/2014	Zr-95	-1.12E-04	3.17E-04	9.78E-04	U
AP	03	341035003	1/8/2014	BETA	3.20E-02	1.44E-03	5.43E-04	
AP	03	341927003	1/22/2014	BETA	3.31E-02	1.52E-03	6.58E-04	
AP	03	342573003	2/4/2014	BETA	2.84E-02	1.34E-03	5.18E-04	
AP	03	343447003	2/19/2014	BETA	2.82E-02	1.26E-03	5.24E-04	
AP	03	344166003	3/5/2014	BETA	3.59E-02	1.50E-03	5.40E-04	
AP	03	345114003	3/19/2014	BETA	2.90E-02	1.32E-03	5.51E-04	
AP	03	346215003	4/3/2014	BETA	1.94E-02	1.04E-03	5.07E-04	
AP	03	348245003	4/3/2014	Ac-228	2.56E-04	5.96E-04	2.00E-03	U
AP	03	348245003	4/3/2014	Ag-108m	1.14E-04	7.91E-05	2.65E-04	U
AP	03	348245003	4/3/2014	Ag-110m	3.62E-05	2.07E-04	7.02E-04	U
AP	03	348245003	4/3/2014	Ba-140	-1.46E-02	2.21E-02	6.34E-02	U
AP	03	348245003	4/3/2014	Be-7	1.14E-01	9.89E-03	7.71E-03	
AP	03	348245003	4/3/2014	Ce-141	-1.62E-03	7.80E-04	1.98E-03	U
AP	03	348245003	4/3/2014	Ce-144	-7.37E-04	5.80E-04	1.59E-03	U
AP	03	348245003	4/3/2014	Co-57	6.48E-05	6.25E-05	2.07E-04	U
AP	03	348245003	4/3/2014	Co-58	-3.11E-04	3.12E-04	9.04E-04	U
AP	03	348245003	4/3/2014	Co-60	1.49E-04	1.58E-04	5.80E-04	U
AP	03	348245003	4/3/2014	Cr-51	1.59E-03	6.83E-03	2.25E-02	U
AP	03	348245003	4/3/2014	Cs-134	-7.00E-05	1.85E-04	5.96E-04	U
AP	03	348245003	4/3/2014	Cs-137	-7.16E-05	1.18E-04	3.52E-04	U
AP	03	348245003	4/3/2014	Fe-59	1.61E-04	1.10E-03	3.63E-03	U
AP	03	348245003	4/3/2014	I-131	0.00E+00	1.76E-01	0.00E+00	UI
AP	03	348245003	4/3/2014	K-40	0.00E+00	2.17E-03	4.98E-03	U
AP	03	348245003	4/3/2014	La-140	-1.46E-02	2.21E-02	6.34E-02	U
AP	03	348245003	4/3/2014	Mn-54	5.02E-05	1.65E-04	5.63E-04	U
AP	03	348245003	4/3/2014	Nb-95	3.62E-05	3.22E-04	1.10E-03	U
AP	03	348245003	4/3/2014	Ru-103	-1.70E-04	4.75E-04	1.52E-03	U
AP	03	348245003	4/3/2014	Ru-106	-1.32E-03	1.22E-03	3.35E-03	U
AP	03	348245003	4/3/2014	Sb-124	1.38E-03	1.12E-03	4.17E-03	U
AP	03	348245003	4/3/2014	Sb-125	-1.87E-04	2.49E-04	7.61E-04	U
AP	03	348245003	4/3/2014	Se-75	2.79E-04	2.10E-04	7.10E-04	U
AP	03	348245003	4/3/2014	Th-228	8.49E-04	3.64E-04	5.08E-04	
AP	03	348245003	4/3/2014	Zn-65	-6.55E-05	3.37E-04	1.06E-03	U
AP	03	348245003	4/3/2014	Zr-95	-2.54E-04	5.22E-04	1.65E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	03	347133003	4/17/2014	BETA	2.30E-02	1.20E-03	5.93E-04	
AP	03	347917003	4/30/2014	BETA	1.96E-02	1.15E-03	6.61E-04	
AP	03	348849003	5/14/2014	BETA	1.86E-02	1.08E-03	6.42E-04	
AP	03	349789003	5/28/2014	BETA	1.22E-02	8.74E-04	5.60E-04	
AP	03	350662003	6/11/2014	BETA	1.75E-02	1.05E-03	5.82E-04	
AP	03	351500003	6/25/2014	BETA	1.56E-02	9.93E-04	5.53E-04	
AP	03	354761003	6/25/2014	Ac-228	3.42E-04	7.25E-04	2.41E-03	U
AP	03	354761003	6/25/2014	Ag-108m	1.76E-04	1.16E-04	3.52E-04	U
AP	03	354761003	6/25/2014	Ag-110m	1.22E-04	2.63E-04	8.85E-04	U
AP	03	354761003	6/25/2014	Ba-140	6.60E-03	3.05E-02	1.03E-01	U
AP	03	354761003	6/25/2014	Be-7	9.45E-02	1.03E-02	1.17E-02	
AP	03	354761003	6/25/2014	Ce-141	-9.34E-04	1.31E-03	4.04E-03	U
AP	03	354761003	6/25/2014	Ce-144	3.38E-04	8.70E-04	2.86E-03	U
AP	03	354761003	6/25/2014	Co-57	-4.85E-05	1.09E-04	3.42E-04	U
AP	03	354761003	6/25/2014	Co-58	8.55E-05	2.97E-04	1.00E-03	U
AP	03	354761003	6/25/2014	Co-60	-2.16E-05	2.39E-04	7.94E-04	U
AP	03	354761003	6/25/2014	Cr-51	4.21E-04	1.08E-02	3.48E-02	U
AP	03	354761003	6/25/2014	Cs-134	3.03E-04	2.73E-04	5.58E-04	U
AP	03	354761003	6/25/2014	Cs-137	1.97E-05	1.48E-04	5.01E-04	U
AP	03	354761003	6/25/2014	Fe-59	9.82E-04	1.07E-03	3.80E-03	U
AP	03	354761003	6/25/2014	I-131	0.00E+00	3.63E-01	0.00E+00	UI
AP	03	354761003	6/25/2014	K-40	6.84E-05	2.21E-03	7.74E-03	U
AP	03	354761003	6/25/2014	La-140	6.60E-03	3.05E-02	1.03E-01	U
AP	03	354761003	6/25/2014	Mn-54	-1.24E-04	2.04E-04	5.90E-04	U
AP	03	354761003	6/25/2014	Nb-95	5.55E-04	3.72E-04	1.30E-03	U
AP	03	354761003	6/25/2014	Ru-103	1.16E-03	7.20E-04	2.43E-03	U
AP	03	354761003	6/25/2014	Ru-106	-2.96E-03	1.76E-03	4.74E-03	U
AP	03	354761003	6/25/2014	Sb-124	-6.59E-04	1.11E-03	3.27E-03	U
AP	03	354761003	6/25/2014	Sb-125	3.24E-04	3.79E-04	1.25E-03	U
AP	03	354761003	6/25/2014	Se-75	2.68E-04	2.72E-04	9.19E-04	U
AP	03	354761003	6/25/2014	Th-228	3.92E-04	3.86E-04	6.48E-04	U
AP	03	354761003	6/25/2014	Zn-65	3.76E-04	5.02E-04	1.54E-03	U
AP	03	354761003	6/25/2014	Zr-95	-2.22E-04	5.80E-04	1.83E-03	U
AP	03	352440003	7/9/2014	BETA	2.50E-02	1.27E-03	5.90E-04	
AP	03	353511003	7/23/2014	BETA	2.18E-02	1.19E-03	6.24E-04	
AP	03	354408003	8/6/2014	BETA	2.38E-02	1.24E-03	6.03E-04	
AP	03	355405003	8/20/2014	BETA	1.88E-02	1.10E-03	6.03E-04	
AP	03	356288003	9/3/2014	BETA	2.18E-02	1.19E-03	5.99E-04	
AP	03	357203003	9/17/2014	BETA	2.20E-02	1.18E-03	5.38E-04	
AP	03	357975003	10/1/2014	BETA	2.96E-02	1.38E-03	5.56E-04	
AP	03	361410003	10/1/2014	Ac-228	1.67E-03	7.70E-04	3.00E-03	U
AP	03	361410003	10/1/2014	Ag-108m	-1.17E-04	1.11E-04	3.15E-04	U
AP	03	361410003	10/1/2014	Ag-110m	2.68E-04	2.47E-04	9.13E-04	U
AP	03	361410003	10/1/2014	Ba-140	8.42E-02	9.31E-02	3.45E-01	U
AP	03	361410003	10/1/2014	Be-7	9.38E-02	1.26E-02	1.60E-02	
AP	03	361410003	10/1/2014	Ce-141	1.35E-03	1.83E-03	6.15E-03	U
AP	03	361410003	10/1/2014	Ce-144	-1.12E-03	9.06E-04	2.64E-03	U
AP	03	361410003	10/1/2014	Co-57	7.70E-05	1.10E-04	3.74E-04	U
AP	03	361410003	10/1/2014	Co-58	-5.57E-04	4.17E-04	1.07E-03	U
AP	03	361410003	10/1/2014	Co-60	1.43E-05	1.40E-04	5.17E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	03	361410003	10/1/2014	Cr-51	6.21E-03	1.59E-02	5.50E-02	U
AP	03	361410003	10/1/2014	Cs-134	1.69E-04	1.91E-04	6.87E-04	U
AP	03	361410003	10/1/2014	Cs-137	4.59E-05	1.30E-04	4.37E-04	U
AP	03	361410003	10/1/2014	Fe-59	-2.00E-03	1.49E-03	3.24E-03	U
AP	03	361410003	10/1/2014	I-131	0.00E+00	2.22E+00	0.00E+00	UI
AP	03	361410003	10/1/2014	K-40	1.46E-03	2.58E-03	9.45E-03	U
AP	03	361410003	10/1/2014	La-140	8.42E-02	9.31E-02	3.45E-01	U
AP	03	361410003	10/1/2014	Mn-54	2.72E-04	1.78E-04	6.63E-04	U
AP	03	361410003	10/1/2014	Nb-95	-3.14E-04	4.52E-04	1.37E-03	U
AP	03	361410003	10/1/2014	Ru-103	4.82E-04	9.36E-04	3.19E-03	U
AP	03	361410003	10/1/2014	Ru-106	-1.26E-03	1.75E-03	5.14E-03	U
AP	03	361410003	10/1/2014	Sb-124	-5.28E-04	1.20E-03	3.52E-03	U
AP	03	361410003	10/1/2014	Sb-125	-4.42E-04	3.55E-04	9.71E-04	U
AP	03	361410003	10/1/2014	Se-75	-3.97E-04	3.36E-04	9.28E-04	U
AP	03	361410003	10/1/2014	Th-228	6.55E-04	3.81E-04	9.64E-04	U
AP	03	361410003	10/1/2014	Zn-65	-1.22E-04	5.28E-04	1.67E-03	U
AP	03	361410003	10/1/2014	Zr-95	-8.46E-04	7.04E-04	1.85E-03	U
AP	03	359254003	10/15/2014	BETA	2.50E-02	1.54E-03	7.30E-04	
AP	03	360254003	10/29/2014	BETA	1.60E-02	1.22E-03	6.63E-04	
AP	03	361406003	11/12/2014	BETA	2.35E-02	1.23E-03	6.08E-04	
AP	03	362127003	11/25/2014	BETA	2.65E-02	1.34E-03	6.68E-04	
AP	03	363065003	12/10/2014	BETA	2.13E-02	1.11E-03	5.10E-04	
AP	03	363736003	12/22/2014	BETA	1.75E-02	1.13E-03	7.03E-04	
AP	03	365799003	12/22/2014	Ac-228	-7.19E-05	7.20E-04	2.50E-03	U
AP	03	365799003	12/22/2014	Ag-108m	-1.27E-04	1.57E-04	4.73E-04	U
AP	03	365799003	12/22/2014	Ag-110m	3.45E-04	2.84E-04	1.03E-03	U
AP	03	365799003	12/22/2014	Ba-140	-1.65E-02	2.65E-02	8.14E-02	U
AP	03	365799003	12/22/2014	Be-7	6.47E-02	7.81E-03	1.04E-02	
AP	03	365799003	12/22/2014	Ce-141	1.76E-03	9.79E-04	2.92E-03	U
AP	03	365799003	12/22/2014	Ce-144	-1.16E-03	1.03E-03	3.13E-03	U
AP	03	365799003	12/22/2014	Co-57	6.64E-05	1.24E-04	4.17E-04	U
AP	03	365799003	12/22/2014	Co-58	-4.63E-04	4.17E-04	1.03E-03	U
AP	03	365799003	12/22/2014	Co-60	2.06E-04	1.72E-04	6.51E-04	U
AP	03	365799003	12/22/2014	Cr-51	1.89E-02	9.08E-03	2.98E-02	U
AP	03	365799003	12/22/2014	Cs-134	-1.47E-04	2.33E-04	6.89E-04	U
AP	03	365799003	12/22/2014	Cs-137	-3.22E-04	2.07E-04	5.31E-04	U
AP	03	365799003	12/22/2014	Fe-59	7.69E-04	1.12E-03	3.93E-03	U
AP	03	365799003	12/22/2014	I-131	-7.89E-02	6.56E-02	1.93E-01	U
AP	03	365799003	12/22/2014	K-40	1.83E-03	2.47E-03	5.25E-03	U
AP	03	365799003	12/22/2014	La-140	2.14E-02	1.24E-02	4.66E-02	U
AP	03	365799003	12/22/2014	Mn-54	-3.20E-04	2.55E-04	7.27E-04	U
AP	03	365799003	12/22/2014	Nb-95	-5.10E-04	4.96E-04	1.34E-03	U
AP	03	365799003	12/22/2014	Ru-103	-2.39E-04	5.56E-04	1.77E-03	U
AP	03	365799003	12/22/2014	Ru-106	3.44E-03	2.17E-03	7.42E-03	U
AP	03	365799003	12/22/2014	Sb-124	1.50E-03	1.02E-03	3.92E-03	U
AP	03	365799003	12/22/2014	Sb-125	-1.37E-04	5.27E-04	1.72E-03	U
AP	03	365799003	12/22/2014	Se-75	9.28E-04	4.41E-04	1.05E-03	U
AP	03	365799003	12/22/2014	Th-228	4.61E-04	3.17E-04	1.02E-03	U
AP	03	365799003	12/22/2014	Zn-65	-1.92E-04	4.46E-04	1.38E-03	U
AP	03	365799003	12/22/2014	Zr-95	-8.51E-04	7.54E-04	2.06E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	04	341035004	1/8/2014	BETA	3.23E-02	1.41E-03	5.19E-04	
AP	04	341927004	1/22/2014	BETA	3.06E-02	1.43E-03	6.34E-04	
AP	04	342573004	2/4/2014	BETA	2.64E-02	1.29E-03	5.12E-04	
AP	04	343447004	2/19/2014	BETA	2.48E-02	1.17E-03	5.12E-04	
AP	04	344166004	3/5/2014	BETA	3.07E-02	1.35E-03	5.14E-04	
AP	04	345114004	3/19/2014	BETA	2.81E-02	1.31E-03	5.60E-04	
AP	04	346215004	4/3/2014	BETA	2.29E-02	1.14E-03	5.11E-04	
AP	04	348245004	4/3/2014	Ac-228	2.08E-03	9.53E-04	3.41E-03	U
AP	04	348245004	4/3/2014	Ag-108m	-8.23E-05	1.38E-04	4.27E-04	U
AP	04	348245004	4/3/2014	Ag-110m	3.42E-04	3.67E-04	1.30E-03	U
AP	04	348245004	4/3/2014	Ba-140	-1.75E-02	2.92E-02	8.66E-02	U
AP	04	348245004	4/3/2014	Be-7	1.30E-01	1.35E-02	1.50E-02	
AP	04	348245004	4/3/2014	Ce-141	-9.24E-04	1.12E-03	3.39E-03	U
AP	04	348245004	4/3/2014	Ce-144	-5.91E-04	7.73E-04	2.35E-03	U
AP	04	348245004	4/3/2014	Co-57	-4.96E-05	9.86E-05	3.11E-04	U
AP	04	348245004	4/3/2014	Co-58	-4.18E-04	4.47E-04	1.31E-03	U
AP	04	348245004	4/3/2014	Co-60	-2.74E-04	1.86E-04	3.39E-04	U
AP	04	348245004	4/3/2014	Cr-51	-3.20E-03	1.07E-02	3.46E-02	U
AP	04	348245004	4/3/2014	Cs-134	-8.92E-05	2.04E-04	6.45E-04	U
AP	04	348245004	4/3/2014	Cs-137	8.06E-05	2.04E-04	6.76E-04	U
AP	04	348245004	4/3/2014	Fe-59	1.18E-03	1.16E-03	4.25E-03	U
AP	04	348245004	4/3/2014	I-131	0.00E+00	2.96E-01	0.00E+00	UI
AP	04	348245004	4/3/2014	K-40	6.63E-03	3.24E-03	1.16E-02	U
AP	04	348245004	4/3/2014	La-140	-1.75E-02	2.92E-02	8.66E-02	U
AP	04	348245004	4/3/2014	Mn-54	-4.07E-05	2.31E-04	7.58E-04	U
AP	04	348245004	4/3/2014	Nb-95	-1.13E-05	4.68E-04	1.57E-03	U
AP	04	348245004	4/3/2014	Ru-103	-3.52E-04	7.65E-04	2.39E-03	U
AP	04	348245004	4/3/2014	Ru-106	-8.12E-04	2.11E-03	6.53E-03	U
AP	04	348245004	4/3/2014	Sb-124	1.84E-03	1.20E-03	4.78E-03	U
AP	04	348245004	4/3/2014	Sb-125	5.27E-05	4.70E-04	1.56E-03	U
AP	04	348245004	4/3/2014	Se-75	-8.00E-05	2.88E-04	9.59E-04	U
AP	04	348245004	4/3/2014	Th-228	1.24E-04	3.26E-04	8.51E-04	U
AP	04	348245004	4/3/2014	Zn-65	6.52E-04	5.15E-04	1.88E-03	U
AP	04	348245004	4/3/2014	Zr-95	4.39E-04	7.74E-04	2.73E-03	U
AP	04	347133004	4/17/2014	BETA	2.13E-02	1.16E-03	5.98E-04	
AP	04	347917004	4/30/2014	BETA	1.94E-02	1.12E-03	6.41E-04	
AP	04	348849004	5/14/2014	BETA	1.74E-02	1.03E-03	6.19E-04	
AP	04	349789004	5/28/2014	BETA	1.12E-02	8.10E-04	5.24E-04	
AP	04	350662004	6/11/2014	BETA	1.54E-02	9.60E-04	5.55E-04	
AP	04	351500004	6/25/2014	BETA	1.50E-02	9.54E-04	5.31E-04	
AP	04	354761004	6/25/2014	Ac-228	-2.45E-04	5.29E-04	1.75E-03	U
AP	04	354761004	6/25/2014	Ag-108m	-1.55E-04	1.17E-04	3.20E-04	U
AP	04	354761004	6/25/2014	Ag-110m	-3.56E-04	2.23E-04	4.78E-04	U
AP	04	354761004	6/25/2014	Ba-140	3.70E-02	2.81E-02	1.07E-01	U
AP	04	354761004	6/25/2014	Be-7	1.10E-01	1.09E-02	9.15E-03	
AP	04	354761004	6/25/2014	Ce-141	-9.90E-04	1.04E-03	3.11E-03	U
AP	04	354761004	6/25/2014	Ce-144	2.35E-04	6.54E-04	2.18E-03	U
AP	04	354761004	6/25/2014	Co-57	0.00E+00	2.23E-04	2.65E-04	U
AP	04	354761004	6/25/2014	Co-58	9.77E-04	2.76E-04	1.04E-03	U
AP	04	354761004	6/25/2014	Co-60	3.66E-05	1.80E-04	6.14E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	04	354761004	6/25/2014	Cr-51	-3.39E-03	9.01E-03	2.92E-02	U
AP	04	354761004	6/25/2014	Cs-134	-1.65E-04	1.84E-04	5.37E-04	U
AP	04	354761004	6/25/2014	Cs-137	-2.18E-04	1.77E-04	5.71E-04	U
AP	04	354761004	6/25/2014	Fe-59	1.06E-03	1.22E-03	4.30E-03	U
AP	04	354761004	6/25/2014	I-131	0.00E+00	2.98E-01	0.00E+00	UI
AP	04	354761004	6/25/2014	K-40	-9.99E-05	1.69E-03	6.70E-03	U
AP	04	354761004	6/25/2014	La-140	3.70E-02	2.81E-02	1.07E-01	U
AP	04	354761004	6/25/2014	Mn-54	-1.13E-04	1.59E-04	4.71E-04	U
AP	04	354761004	6/25/2014	Nb-95	-9.41E-04	5.26E-04	1.36E-03	U
AP	04	354761004	6/25/2014	Ru-103	2.46E-04	6.85E-04	2.28E-03	U
AP	04	354761004	6/25/2014	Ru-106	-5.81E-04	1.09E-03	3.41E-03	U
AP	04	354761004	6/25/2014	Sb-124	-1.34E-03	8.80E-04	1.30E-03	U
AP	04	354761004	6/25/2014	Sb-125	-1.89E-04	3.43E-04	1.06E-03	U
AP	04	354761004	6/25/2014	Se-75	2.90E-04	2.46E-04	8.55E-04	U
AP	04	354761004	6/25/2014	Th-228	1.75E-04	2.38E-04	7.72E-04	U
AP	04	354761004	6/25/2014	Zn-65	-4.60E-04	5.05E-04	1.40E-03	U
AP	04	354761004	6/25/2014	Zr-95	-6.51E-04	5.88E-04	1.61E-03	U
AP	04	352440004	7/9/2014	BETA	2.41E-02	1.21E-03	5.60E-04	
AP	04	353511004	7/23/2014	BETA	1.98E-02	1.10E-03	5.89E-04	
AP	04	354408004	8/6/2014	BETA	2.84E-02	1.32E-03	5.68E-04	
AP	04	355405004	8/20/2014	BETA	5.06E-02	5.94E-03	6.17E-03	
AP	04	356288004	9/3/2014	BETA	2.00E-02	1.10E-03	5.66E-04	
AP	04	357203004	9/17/2014	BETA	2.00E-02	1.10E-03	5.10E-04	
AP	04	357975004	10/1/2014	BETA	3.11E-02	1.37E-03	5.23E-04	
AP	04	361410004	10/1/2014	Ac-228	2.21E-03	1.19E-03	4.07E-03	U
AP	04	361410004	10/1/2014	Ag-108m	-4.30E-04	2.19E-04	4.78E-04	U
AP	04	361410004	10/1/2014	Ag-110m	-1.84E-04	4.31E-04	1.30E-03	U
AP	04	361410004	10/1/2014	Ba-140	-1.27E-01	1.62E-01	4.66E-01	U
AP	04	361410004	10/1/2014	Be-7	1.41E-01	1.69E-02	2.64E-02	
AP	04	361410004	10/1/2014	Ce-141	-1.86E-03	2.70E-03	8.14E-03	U
AP	04	361410004	10/1/2014	Ce-144	-2.16E-03	1.42E-03	3.85E-03	U
AP	04	361410004	10/1/2014	Co-57	2.72E-04	1.32E-04	5.28E-04	U
AP	04	361410004	10/1/2014	Co-58	1.71E-03	9.38E-04	3.28E-03	U
AP	04	361410004	10/1/2014	Co-60	2.24E-04	2.82E-04	1.03E-03	U
AP	04	361410004	10/1/2014	Cr-51	4.10E-02	3.21E-02	1.09E-01	U
AP	04	361410004	10/1/2014	Cs-134	1.64E-04	3.81E-04	1.19E-03	U
AP	04	361410004	10/1/2014	Cs-137	1.84E-04	2.16E-04	7.73E-04	U
AP	04	361410004	10/1/2014	Fe-59	2.38E-03	2.34E-03	8.71E-03	U
AP	04	361410004	10/1/2014	I-131	-2.00E+00	3.25E+00	0.00E+00	U
AP	04	361410004	10/1/2014	K-40	2.32E-03	4.34E-03	1.66E-02	U
AP	04	361410004	10/1/2014	La-140	-1.27E-01	1.62E-01	4.66E-01	U
AP	04	361410004	10/1/2014	Mn-54	-2.26E-04	3.42E-04	1.01E-03	U
AP	04	361410004	10/1/2014	Nb-95	8.93E-04	9.32E-04	3.25E-03	U
AP	04	361410004	10/1/2014	Ru-103	1.01E-03	1.34E-03	4.76E-03	U
AP	04	361410004	10/1/2014	Ru-106	6.33E-04	2.93E-03	9.91E-03	U
AP	04	361410004	10/1/2014	Sb-124	-4.13E-04	2.86E-03	9.34E-03	U
AP	04	361410004	10/1/2014	Sb-125	-1.10E-03	6.63E-04	1.62E-03	U
AP	04	361410004	10/1/2014	Se-75	5.55E-04	4.68E-04	1.62E-03	U
AP	04	361410004	10/1/2014	Th-228	-3.70E-04	4.06E-04	1.36E-03	U
AP	04	361410004	10/1/2014	Zn-65	1.05E-03	9.27E-04	3.33E-03	U
AP	04	361410004	10/1/2014	Zr-95	-8.45E-04	1.31E-03	3.88E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	04	359254004	10/15/2014	BETA	2.54E-02	1.51E-03	6.94E-04	
AP	04	360254004	10/29/2014	BETA	1.62E-02	1.20E-03	6.25E-04	
AP	04	361406004	11/12/2014	BETA	2.37E-02	1.19E-03	5.73E-04	
AP	04	362127004	11/25/2014	BETA	2.98E-02	1.38E-03	6.27E-04	
AP	04	363065004	12/10/2014	BETA	2.27E-02	1.11E-03	4.78E-04	
AP	04	363736004	12/22/2014	BETA	2.06E-02	1.19E-03	6.60E-04	
AP	04	365799004	12/22/2014	Ac-228	1.46E-03	1.42E-03	4.60E-03	U
AP	04	365799004	12/22/2014	Ag-108m	-8.82E-05	2.27E-04	7.06E-04	U
AP	04	365799004	12/22/2014	Ag-110m	1.59E-05	4.67E-04	1.52E-03	U
AP	04	365799004	12/22/2014	Ba-140	8.94E-02	4.19E-02	1.47E-01	U
AP	04	365799004	12/22/2014	Be-7	6.36E-02	1.26E-02	1.94E-02	
AP	04	365799004	12/22/2014	Ce-141	-7.25E-04	1.04E-03	3.12E-03	U
AP	04	365799004	12/22/2014	Ce-144	1.71E-03	1.23E-03	3.73E-03	U
AP	04	365799004	12/22/2014	Co-57	-1.75E-05	1.47E-04	4.20E-04	U
AP	04	365799004	12/22/2014	Co-58	1.34E-04	4.90E-04	1.65E-03	U
AP	04	365799004	12/22/2014	Co-60	4.10E-04	3.76E-04	1.36E-03	U
AP	04	365799004	12/22/2014	Cr-51	8.82E-03	1.03E-02	3.52E-02	U
AP	04	365799004	12/22/2014	Cs-134	-1.09E-04	3.39E-04	1.03E-03	U
AP	04	365799004	12/22/2014	Cs-137	1.95E-04	2.46E-04	8.69E-04	U
AP	04	365799004	12/22/2014	Fe-59	9.09E-04	1.62E-03	5.69E-03	U
AP	04	365799004	12/22/2014	I-131	4.50E-02	1.00E-01	3.36E-01	U
AP	04	365799004	12/22/2014	K-40	3.53E-03	4.04E-03	1.53E-02	U
AP	04	365799004	12/22/2014	La-140	-4.67E-03	8.96E-03	2.50E-02	U
AP	04	365799004	12/22/2014	Mn-54	-2.55E-04	2.98E-04	8.37E-04	U
AP	04	365799004	12/22/2014	Nb-95	-2.70E-04	5.31E-04	1.62E-03	U
AP	04	365799004	12/22/2014	Ru-103	9.35E-06	6.92E-04	2.34E-03	U
AP	04	365799004	12/22/2014	Ru-106	-2.07E-03	1.89E-03	5.07E-03	U
AP	04	365799004	12/22/2014	Sb-124	2.76E-03	1.39E-03	5.76E-03	U
AP	04	365799004	12/22/2014	Sb-125	5.04E-04	6.85E-04	2.32E-03	U
AP	04	365799004	12/22/2014	Se-75	3.47E-04	4.47E-04	1.53E-03	U
AP	04	365799004	12/22/2014	Th-228	6.14E-06	4.93E-04	1.50E-03	U
AP	04	365799004	12/22/2014	Zn-65	-8.83E-04	9.06E-04	2.60E-03	U
AP	04	365799004	12/22/2014	Zr-95	-5.23E-04	1.00E-03	3.07E-03	U
AP	05	341035005	1/8/2014	BETA	3.29E-02	1.42E-03	5.12E-04	
AP	05	341927005	1/22/2014	BETA	3.16E-02	1.45E-03	6.25E-04	
AP	05	342573005	2/4/2014	BETA	2.75E-02	1.29E-03	4.90E-04	
AP	05	343447005	2/19/2014	BETA	2.99E-02	1.28E-03	5.02E-04	
AP	05	344166005	3/5/2014	BETA	3.36E-02	1.39E-03	4.94E-04	
AP	05	345114005	3/19/2014	BETA	2.93E-02	1.31E-03	5.37E-04	
AP	05	346215005	4/3/2014	BETA	2.09E-02	1.07E-03	4.93E-04	
AP	05	348245005	4/3/2014	Ac-228	-4.38E-04	5.62E-04	1.78E-03	U
AP	05	348245005	4/3/2014	Ag-108m	-2.78E-05	1.18E-04	3.26E-04	U
AP	05	348245005	4/3/2014	Ag-110m	1.61E-04	2.26E-04	7.79E-04	U
AP	05	348245005	4/3/2014	Ba-140	4.64E-03	1.70E-02	5.79E-02	U
AP	05	348245005	4/3/2014	Be-7	1.30E-01	1.08E-02	8.84E-03	
AP	05	348245005	4/3/2014	Ce-141	-1.59E-03	8.96E-04	2.34E-03	U
AP	05	348245005	4/3/2014	Ce-144	-1.10E-03	6.69E-04	1.78E-03	U
AP	05	348245005	4/3/2014	Co-57	-9.05E-05	8.64E-05	2.56E-04	U
AP	05	348245005	4/3/2014	Co-58	8.63E-06	2.11E-04	6.99E-04	U
AP	05	348245005	4/3/2014	Co-60	-3.50E-05	1.16E-04	3.63E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	05	348245005	4/3/2014	Cr-51	5.35E-03	8.50E-03	2.89E-02	U
AP	05	348245005	4/3/2014	Cs-134	1.16E-04	1.52E-04	5.29E-04	U
AP	05	348245005	4/3/2014	Cs-137	3.12E-05	1.12E-04	3.84E-04	U
AP	05	348245005	4/3/2014	Fe-59	9.70E-04	8.34E-04	3.06E-03	U
AP	05	348245005	4/3/2014	I-131	-3.17E-02	2.03E-01	0.00E+00	U
AP	05	348245005	4/3/2014	K-40	0.00E+00	2.00E-03	4.04E-03	U
AP	05	348245005	4/3/2014	La-140	4.64E-03	1.70E-02	5.79E-02	U
AP	05	348245005	4/3/2014	Mn-54	-1.13E-04	1.50E-04	4.46E-04	U
AP	05	348245005	4/3/2014	Nb-95	2.00E-04	2.71E-04	9.49E-04	U
AP	05	348245005	4/3/2014	Ru-103	-7.25E-04	4.78E-04	1.19E-03	U
AP	05	348245005	4/3/2014	Ru-106	4.11E-04	1.15E-03	3.95E-03	U
AP	05	348245005	4/3/2014	Sb-124	1.76E-03	1.07E-03	3.94E-03	U
AP	05	348245005	4/3/2014	Sb-125	-6.74E-04	3.63E-04	8.73E-04	U
AP	05	348245005	4/3/2014	Se-75	3.28E-05	2.14E-04	7.22E-04	U
AP	05	348245005	4/3/2014	Th-228	1.71E-04	2.77E-04	7.57E-04	U
AP	05	348245005	4/3/2014	Zn-65	-1.13E-03	5.10E-04	1.01E-03	U
AP	05	348245005	4/3/2014	Zr-95	1.55E-04	4.61E-04	1.58E-03	U
AP	05	347133005	4/17/2014	BETA	2.39E-02	1.22E-03	5.87E-04	
AP	05	347917005	4/30/2014	BETA	2.04E-02	1.16E-03	6.49E-04	
AP	05	348849005	5/14/2014	BETA	1.79E-02	1.05E-03	6.28E-04	
AP	05	349789005	5/28/2014	BETA	1.33E-02	8.97E-04	5.41E-04	
AP	05	350662005	6/11/2014	BETA	1.44E-02	9.40E-04	5.70E-04	
AP	05	351500005	6/25/2014	BETA	1.62E-02	1.00E-03	5.42E-04	
AP	05	354761005	6/25/2014	Ac-228	-6.16E-04	7.82E-04	2.44E-03	U
AP	05	354761005	6/25/2014	Ag-108m	1.93E-05	1.89E-04	5.54E-04	U
AP	05	354761005	6/25/2014	Ag-110m	-1.38E-04	3.30E-04	1.05E-03	U
AP	05	354761005	6/25/2014	Ba-140	-2.64E-02	3.65E-02	1.07E-01	U
AP	05	354761005	6/25/2014	Be-7	1.12E-01	1.10E-02	1.51E-02	
AP	05	354761005	6/25/2014	Ce-141	-7.32E-04	1.33E-03	4.05E-03	U
AP	05	354761005	6/25/2014	Ce-144	7.76E-04	9.59E-04	3.23E-03	U
AP	05	354761005	6/25/2014	Co-57	2.78E-04	1.31E-04	4.20E-04	U
AP	05	354761005	6/25/2014	Co-58	8.98E-05	4.54E-04	1.35E-03	U
AP	05	354761005	6/25/2014	Co-60	-1.01E-04	2.10E-04	6.29E-04	U
AP	05	354761005	6/25/2014	Cr-51	-6.77E-03	1.31E-02	4.27E-02	U
AP	05	354761005	6/25/2014	Cs-134	2.30E-04	2.23E-04	7.92E-04	U
AP	05	354761005	6/25/2014	Cs-137	-4.69E-04	2.40E-04	5.73E-04	U
AP	05	354761005	6/25/2014	Fe-59	4.02E-04	1.04E-03	3.63E-03	U
AP	05	354761005	6/25/2014	I-131	0.00E+00	5.37E-01	0.00E+00	UI
AP	05	354761005	6/25/2014	K-40	2.76E-03	2.93E-03	1.08E-02	U
AP	05	354761005	6/25/2014	La-140	-2.64E-02	3.65E-02	1.07E-01	U
AP	05	354761005	6/25/2014	Mn-54	1.59E-06	2.41E-04	8.08E-04	U
AP	05	354761005	6/25/2014	Nb-95	-4.42E-04	4.58E-04	1.28E-03	U
AP	05	354761005	6/25/2014	Ru-103	-1.63E-03	8.76E-04	2.17E-03	U
AP	05	354761005	6/25/2014	Ru-106	8.10E-04	1.97E-03	6.62E-03	U
AP	05	354761005	6/25/2014	Sb-124	4.63E-04	1.07E-03	3.81E-03	U
AP	05	354761005	6/25/2014	Sb-125	1.32E-03	6.09E-04	1.76E-03	U
AP	05	354761005	6/25/2014	Se-75	1.48E-04	3.31E-04	1.09E-03	U
AP	05	354761005	6/25/2014	Th-228	3.01E-04	3.23E-04	9.23E-04	U
AP	05	354761005	6/25/2014	Zn-65	-4.35E-04	4.65E-04	1.29E-03	U
AP	05	354761005	6/25/2014	Zr-95	-9.68E-04	8.88E-04	2.44E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	05	352440005	7/9/2014	BETA	2.53E-02	1.27E-03	5.81E-04	
AP	05	353511005	7/23/2014	BETA	1.99E-02	1.12E-03	6.11E-04	
AP	05	354408005	8/6/2014	BETA	2.44E-02	1.24E-03	5.91E-04	
AP	05	355405005	8/20/2014	BETA	1.88E-02	1.09E-03	5.92E-04	
AP	05	356288005	9/3/2014	BETA	2.44E-02	1.25E-03	5.93E-04	
AP	05	357203005	9/17/2014	BETA	2.24E-02	1.20E-03	5.36E-04	
AP	05	357975005	10/1/2014	BETA	2.70E-02	1.32E-03	5.58E-04	
AP	05	361410005	10/1/2014	Ac-228	2.92E-04	6.73E-04	2.18E-03	U
AP	05	361410005	10/1/2014	Ag-108m	9.37E-05	1.14E-04	3.89E-04	U
AP	05	361410005	10/1/2014	Ag-110m	-5.78E-05	2.63E-04	8.36E-04	U
AP	05	361410005	10/1/2014	Ba-140	1.77E-03	6.82E-02	2.25E-01	U
AP	05	361410005	10/1/2014	Be-7	1.03E-01	1.03E-02	1.13E-02	
AP	05	361410005	10/1/2014	Ce-141	-1.49E-03	1.83E-03	5.59E-03	U
AP	05	361410005	10/1/2014	Ce-144	4.02E-04	8.00E-04	2.63E-03	U
AP	05	361410005	10/1/2014	Co-57	7.01E-05	9.68E-05	3.23E-04	U
AP	05	361410005	10/1/2014	Co-58	2.78E-04	3.21E-04	1.12E-03	U
AP	05	361410005	10/1/2014	Co-60	-8.98E-05	1.57E-04	4.89E-04	U
AP	05	361410005	10/1/2014	Cr-51	-1.71E-02	1.45E-02	4.14E-02	U
AP	05	361410005	10/1/2014	Cs-134	9.92E-05	1.86E-04	6.31E-04	U
AP	05	361410005	10/1/2014	Cs-137	-3.21E-05	1.21E-04	3.95E-04	U
AP	05	361410005	10/1/2014	Fe-59	5.12E-06	1.40E-03	4.61E-03	U
AP	05	361410005	10/1/2014	I-131	0.00E+00	1.70E+00	0.00E+00	UI
AP	05	361410005	10/1/2014	K-40	9.71E-04	1.86E-03	6.55E-03	U
AP	05	361410005	10/1/2014	La-140	1.77E-03	6.82E-02	2.25E-01	U
AP	05	361410005	10/1/2014	Mn-54	1.68E-05	1.93E-04	6.33E-04	U
AP	05	361410005	10/1/2014	Nb-95	4.56E-04	3.95E-04	1.38E-03	U
AP	05	361410005	10/1/2014	Ru-103	1.24E-04	7.16E-04	2.38E-03	U
AP	05	361410005	10/1/2014	Ru-106	2.35E-04	1.43E-03	4.22E-03	U
AP	05	361410005	10/1/2014	Sb-124	-1.00E-03	1.07E-03	2.87E-03	U
AP	05	361410005	10/1/2014	Sb-125	3.35E-05	3.33E-04	1.12E-03	U
AP	05	361410005	10/1/2014	Se-75	5.99E-05	2.70E-04	8.95E-04	U
AP	05	361410005	10/1/2014	Th-228	5.95E-04	2.93E-04	8.32E-04	U
AP	05	361410005	10/1/2014	Zn-65	-2.16E-04	3.63E-04	1.10E-03	U
AP	05	361410005	10/1/2014	Zr-95	-4.75E-04	6.22E-04	1.86E-03	U
AP	05	359254005	10/15/2014	BETA	2.46E-02	1.52E-03	7.27E-04	
AP	05	360254005	10/29/2014	BETA	1.41E-02	1.15E-03	6.67E-04	
AP	05	361406005	11/12/2014	BETA	2.10E-02	1.15E-03	5.98E-04	
AP	05	362127005	11/25/2014	BETA	2.59E-02	1.32E-03	6.64E-04	
AP	05	363065005	12/10/2014	BETA	2.36E-02	1.16E-03	5.06E-04	
AP	05	363736005	12/22/2014	BETA	2.02E-02	1.21E-03	6.96E-04	
AP	05	365799005	12/22/2014	Ac-228	-8.21E-05	6.46E-04	2.42E-03	U
AP	05	365799005	12/22/2014	Ag-108m	-1.09E-04	1.37E-04	4.09E-04	U
AP	05	365799005	12/22/2014	Ag-110m	-2.00E-04	3.12E-04	9.63E-04	U
AP	05	365799005	12/22/2014	Ba-140	-3.59E-02	3.80E-02	9.21E-02	U
AP	05	365799005	12/22/2014	Be-7	6.30E-02	7.12E-03	1.12E-02	
AP	05	365799005	12/22/2014	Ce-141	2.84E-05	8.24E-04	2.76E-03	U
AP	05	365799005	12/22/2014	Ce-144	-5.95E-04	9.51E-04	3.05E-03	U
AP	05	365799005	12/22/2014	Co-57	-2.45E-04	1.32E-04	3.53E-04	U
AP	05	365799005	12/22/2014	Co-58	-5.57E-04	3.98E-04	9.92E-04	U
AP	05	365799005	12/22/2014	Co-60	1.88E-04	2.09E-04	7.66E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	05	365799005	12/22/2014	Cr-51	-1.69E-02	7.83E-03	1.81E-02	U
AP	05	365799005	12/22/2014	Cs-134	2.32E-04	1.95E-04	6.96E-04	U
AP	05	365799005	12/22/2014	Cs-137	1.16E-04	1.69E-04	5.81E-04	U
AP	05	365799005	12/22/2014	Fe-59	-1.19E-03	1.17E-03	3.32E-03	U
AP	05	365799005	12/22/2014	I-131	-1.14E-01	7.18E-02	1.91E-01	U
AP	05	365799005	12/22/2014	K-40	1.10E-03	3.04E-03	5.75E-03	U
AP	05	365799005	12/22/2014	La-140	-1.05E-02	1.18E-02	3.22E-02	U
AP	05	365799005	12/22/2014	Mn-54	-5.41E-07	2.08E-04	7.00E-04	U
AP	05	365799005	12/22/2014	Nb-95	-9.51E-04	4.37E-04	7.97E-04	U
AP	05	365799005	12/22/2014	Ru-103	-1.61E-06	5.05E-04	1.65E-03	U
AP	05	365799005	12/22/2014	Ru-106	2.09E-03	1.12E-03	6.21E-03	U
AP	05	365799005	12/22/2014	Sb-124	1.79E-03	1.03E-03	4.06E-03	U
AP	05	365799005	12/22/2014	Sb-125	-8.10E-04	4.96E-04	1.27E-03	U
AP	05	365799005	12/22/2014	Se-75	5.48E-04	3.10E-04	1.04E-03	U
AP	05	365799005	12/22/2014	Th-228	3.20E-04	3.22E-04	1.00E-03	U
AP	05	365799005	12/22/2014	Zn-65	3.72E-05	4.53E-04	1.53E-03	U
AP	05	365799005	12/22/2014	Zr-95	1.00E-03	7.67E-04	2.67E-03	U
AP	07	341035006	1/8/2014	BETA	3.61E-02	1.48E-03	5.03E-04	
AP	07	341927006	1/22/2014	BETA	3.46E-02	1.43E-03	5.54E-04	
AP	07	342573006	2/4/2014	BETA	2.85E-02	1.32E-03	4.93E-04	
AP	07	343447006	2/19/2014	BETA	2.82E-02	1.22E-03	4.92E-04	
AP	07	344166006	3/5/2014	BETA	3.66E-02	1.46E-03	5.01E-04	
AP	07	345114006	3/19/2014	BETA	2.92E-02	1.32E-03	5.44E-04	
AP	07	346215006	4/3/2014	BETA	1.91E-02	1.02E-03	4.88E-04	
AP	07	348245006	4/3/2014	Ac-228	2.37E-04	5.87E-04	2.23E-03	U
AP	07	348245006	4/3/2014	Ag-108m	-2.60E-04	1.27E-04	2.88E-04	U
AP	07	348245006	4/3/2014	Ag-110m	5.71E-05	2.02E-04	6.95E-04	U
AP	07	348245006	4/3/2014	Ba-140	-1.86E-02	2.25E-02	6.24E-02	U
AP	07	348245006	4/3/2014	Be-7	1.14E-01	9.60E-03	7.82E-03	
AP	07	348245006	4/3/2014	Ce-141	-1.40E-03	9.66E-04	2.71E-03	U
AP	07	348245006	4/3/2014	Ce-144	-3.49E-04	7.00E-04	2.24E-03	U
AP	07	348245006	4/3/2014	Co-57	9.88E-05	9.28E-05	3.18E-04	U
AP	07	348245006	4/3/2014	Co-58	-1.18E-04	2.56E-04	8.00E-04	U
AP	07	348245006	4/3/2014	Co-60	1.40E-04	1.63E-04	5.88E-04	U
AP	07	348245006	4/3/2014	Cr-51	-1.32E-04	8.21E-03	2.78E-02	U
AP	07	348245006	4/3/2014	Cs-134	-1.93E-04	1.41E-04	3.53E-04	U
AP	07	348245006	4/3/2014	Cs-137	1.53E-04	1.47E-04	5.10E-04	U
AP	07	348245006	4/3/2014	Fe-59	3.99E-04	8.94E-04	3.12E-03	U
AP	07	348245006	4/3/2014	I-131	-3.37E-01	2.37E-01	0.00E+00	U
AP	07	348245006	4/3/2014	K-40	1.87E-03	1.89E-03	6.90E-03	U
AP	07	348245006	4/3/2014	La-140	-1.86E-02	2.25E-02	6.24E-02	U
AP	07	348245006	4/3/2014	Mn-54	5.12E-06	1.08E-04	3.17E-04	U
AP	07	348245006	4/3/2014	Nb-95	2.70E-05	3.41E-04	1.16E-03	U
AP	07	348245006	4/3/2014	Ru-103	1.17E-03	5.40E-04	1.32E-03	U
AP	07	348245006	4/3/2014	Ru-106	-1.43E-06	1.66E-03	5.37E-03	U
AP	07	348245006	4/3/2014	Sb-124	-1.06E-03	9.76E-04	2.36E-03	U
AP	07	348245006	4/3/2014	Sb-125	8.36E-05	3.71E-04	1.25E-03	U
AP	07	348245006	4/3/2014	Se-75	1.74E-04	2.46E-04	8.13E-04	U
AP	07	348245006	4/3/2014	Th-228	2.13E-04	3.29E-04	8.87E-04	U
AP	07	348245006	4/3/2014	Zn-65	-2.42E-04	4.34E-04	1.30E-03	U
AP	07	348245006	4/3/2014	Zr-95	-2.96E-04	5.27E-04	1.64E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	07	347133006	4/17/2014	BETA	2.18E-02	1.15E-03	5.82E-04	
AP	07	347917006	4/30/2014	BETA	2.04E-02	1.15E-03	6.39E-04	
AP	07	348849006	5/14/2014	BETA	1.44E-02	9.51E-04	6.39E-04	
AP	07	349789006	5/28/2014	BETA	1.18E-02	8.56E-04	5.54E-04	
AP	07	350662006	6/11/2014	BETA	1.55E-02	9.91E-04	5.88E-04	
AP	07	351500006	6/25/2014	BETA	1.42E-02	9.48E-04	5.53E-04	
AP	07	354761006	6/25/2014	Ac-228	9.27E-04	6.88E-04	2.44E-03	U
AP	07	354761006	6/25/2014	Ag-108m	-1.59E-05	1.44E-04	4.16E-04	U
AP	07	354761006	6/25/2014	Ag-110m	6.62E-05	2.62E-04	8.70E-04	U
AP	07	354761006	6/25/2014	Ba-140	-2.98E-02	3.36E-02	9.24E-02	U
AP	07	354761006	6/25/2014	Be-7	8.57E-02	9.46E-03	1.29E-02	
AP	07	354761006	6/25/2014	Ce-141	1.64E-03	1.08E-03	3.63E-03	U
AP	07	354761006	6/25/2014	Ce-144	-3.01E-04	6.93E-04	2.23E-03	U
AP	07	354761006	6/25/2014	Co-57	6.54E-06	9.10E-05	3.04E-04	U
AP	07	354761006	6/25/2014	Co-58	-1.05E-04	3.45E-04	1.08E-03	U
AP	07	354761006	6/25/2014	Co-60	-2.44E-04	1.86E-04	4.58E-04	U
AP	07	354761006	6/25/2014	Cr-51	-1.22E-02	1.15E-02	2.75E-02	U
AP	07	354761006	6/25/2014	Cs-134	-1.87E-04	1.72E-04	4.65E-04	U
AP	07	354761006	6/25/2014	Cs-137	9.66E-05	1.61E-04	5.49E-04	U
AP	07	354761006	6/25/2014	Fe-59	1.56E-03	1.32E-03	4.76E-03	U
AP	07	354761006	6/25/2014	I-131	-1.25E-01	3.23E-01	0.00E+00	U
AP	07	354761006	6/25/2014	K-40	1.59E-03	2.65E-03	9.51E-03	U
AP	07	354761006	6/25/2014	La-140	-2.98E-02	3.36E-02	9.24E-02	U
AP	07	354761006	6/25/2014	Mn-54	-1.96E-04	1.48E-04	3.56E-04	U
AP	07	354761006	6/25/2014	Nb-95	1.06E-04	3.42E-04	1.15E-03	U
AP	07	354761006	6/25/2014	Ru-103	-2.59E-04	5.72E-04	1.82E-03	U
AP	07	354761006	6/25/2014	Ru-106	1.48E-03	1.40E-03	4.92E-03	U
AP	07	354761006	6/25/2014	Sb-124	7.04E-04	5.24E-04	2.32E-03	U
AP	07	354761006	6/25/2014	Sb-125	-2.23E-04	4.23E-04	1.16E-03	U
AP	07	354761006	6/25/2014	Se-75	-7.71E-05	2.54E-04	8.04E-04	U
AP	07	354761006	6/25/2014	Th-228	2.18E-04	2.28E-04	7.63E-04	U
AP	07	354761006	6/25/2014	Zn-65	2.45E-04	4.32E-04	1.52E-03	U
AP	07	354761006	6/25/2014	Zr-95	6.77E-04	8.04E-04	2.49E-03	U
AP	07	352440006	7/9/2014	BETA	2.42E-02	1.25E-03	5.94E-04	
AP	07	353511006	7/23/2014	BETA	2.15E-02	1.18E-03	6.25E-04	
AP	07	354408006	8/6/2014	BETA	2.06E-02	1.15E-03	6.02E-04	
AP	07	355405006	8/20/2014	BETA	1.67E-02	1.04E-03	6.03E-04	
AP	07	356288006	9/3/2014	BETA	2.06E-02	1.16E-03	6.06E-04	
AP	07	357203006	9/17/2014	BETA	2.20E-02	1.19E-03	5.44E-04	
AP	07	357975006	10/1/2014	BETA	2.97E-02	1.39E-03	5.66E-04	
AP	07	361410006	10/1/2014	Ac-228	-3.56E-04	7.34E-04	2.49E-03	U
AP	07	361410006	10/1/2014	Ag-108m	7.11E-05	1.19E-04	4.11E-04	U
AP	07	361410006	10/1/2014	Ag-110m	-1.03E-04	2.97E-04	8.80E-04	U
AP	07	361410006	10/1/2014	Ba-140	1.53E-01	1.09E-01	4.09E-01	U
AP	07	361410006	10/1/2014	Be-7	9.43E-02	1.09E-02	1.45E-02	
AP	07	361410006	10/1/2014	Ce-141	2.99E-03	1.96E-03	4.89E-03	U
AP	07	361410006	10/1/2014	Ce-144	-8.24E-04	8.65E-04	2.62E-03	U
AP	07	361410006	10/1/2014	Co-57	5.78E-05	9.89E-05	3.37E-04	U
AP	07	361410006	10/1/2014	Co-58	1.50E-04	3.68E-04	1.29E-03	U
AP	07	361410006	10/1/2014	Co-60	-1.59E-04	1.54E-04	4.37E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	07	361410006	10/1/2014	Cr-51	-2.18E-02	1.87E-02	5.59E-02	U
AP	07	361410006	10/1/2014	Cs-134	-2.93E-04	2.02E-04	5.20E-04	U
AP	07	361410006	10/1/2014	Cs-137	-1.10E-05	1.51E-04	4.82E-04	U
AP	07	361410006	10/1/2014	Fe-59	9.41E-04	1.23E-03	4.54E-03	U
AP	07	361410006	10/1/2014	I-131	0.00E+00	2.02E+00	0.00E+00	UI
AP	07	361410006	10/1/2014	K-40	0.00E+00	2.21E-03	5.01E-03	U
AP	07	361410006	10/1/2014	La-140	1.53E-01	1.09E-01	4.09E-01	U
AP	07	361410006	10/1/2014	Mn-54	-1.38E-04	2.03E-04	6.17E-04	U
AP	07	361410006	10/1/2014	Nb-95	8.68E-04	5.56E-04	2.00E-03	U
AP	07	361410006	10/1/2014	Ru-103	-5.20E-04	7.70E-04	2.29E-03	U
AP	07	361410006	10/1/2014	Ru-106	-9.54E-04	1.40E-03	4.03E-03	U
AP	07	361410006	10/1/2014	Sb-124	1.79E-06	7.58E-04	2.50E-03	U
AP	07	361410006	10/1/2014	Sb-125	-4.28E-04	4.60E-04	1.38E-03	U
AP	07	361410006	10/1/2014	Se-75	-4.04E-04	3.57E-04	1.00E-03	U
AP	07	361410006	10/1/2014	Th-228	-9.44E-05	2.72E-04	8.97E-04	U
AP	07	361410006	10/1/2014	Zn-65	6.72E-04	4.34E-04	1.65E-03	U
AP	07	361410006	10/1/2014	Zr-95	1.91E-03	8.39E-04	3.07E-03	U
AP	07	359254006	10/15/2014	BETA	2.24E-02	1.46E-03	7.35E-04	
AP	07	360254006	10/29/2014	BETA	1.66E-02	1.26E-03	6.74E-04	
AP	07	361406006	11/12/2014	BETA	2.58E-02	1.28E-03	6.04E-04	
AP	07	362127006	11/25/2014	BETA	2.72E-02	1.35E-03	6.65E-04	
AP	07	363065006	12/10/2014	BETA	2.57E-02	1.21E-03	4.99E-04	
AP	07	363736006	12/22/2014	BETA	1.94E-02	1.17E-03	6.81E-04	
AP	07	365799006	12/22/2014	Ac-228	2.09E-03	1.12E-03	2.68E-03	U
AP	07	365799006	12/22/2014	Ag-108m	-1.50E-04	1.28E-04	3.75E-04	U
AP	07	365799006	12/22/2014	Ag-110m	1.82E-04	2.68E-04	8.08E-04	U
AP	07	365799006	12/22/2014	Ba-140	-9.73E-03	2.20E-02	6.85E-02	U
AP	07	365799006	12/22/2014	Be-7	6.28E-02	6.59E-03	8.41E-03	
AP	07	365799006	12/22/2014	Ce-141	-1.68E-03	8.75E-04	2.18E-03	U
AP	07	365799006	12/22/2014	Ce-144	8.55E-04	8.25E-04	2.70E-03	U
AP	07	365799006	12/22/2014	Co-57	2.91E-05	1.12E-04	3.70E-04	U
AP	07	365799006	12/22/2014	Co-58	2.89E-04	2.94E-04	9.83E-04	U
AP	07	365799006	12/22/2014	Co-60	2.26E-05	1.70E-04	5.76E-04	U
AP	07	365799006	12/22/2014	Cr-51	5.85E-03	5.75E-03	1.93E-02	U
AP	07	365799006	12/22/2014	Cs-134	3.49E-04	1.77E-04	5.90E-04	U
AP	07	365799006	12/22/2014	Cs-137	-3.30E-04	2.02E-04	5.23E-04	U
AP	07	365799006	12/22/2014	Fe-59	8.90E-04	8.81E-04	3.12E-03	U
AP	07	365799006	12/22/2014	I-131	1.18E-01	6.02E-02	2.04E-01	U
AP	07	365799006	12/22/2014	K-40	2.89E-03	2.32E-03	8.14E-03	U
AP	07	365799006	12/22/2014	La-140	-4.30E-03	6.81E-03	1.95E-02	U
AP	07	365799006	12/22/2014	Mn-54	0.00E+00	1.96E-04	6.27E-04	U
AP	07	365799006	12/22/2014	Nb-95	6.41E-05	3.26E-04	9.86E-04	U
AP	07	365799006	12/22/2014	Ru-103	4.34E-04	4.32E-04	1.48E-03	U
AP	07	365799006	12/22/2014	Ru-106	-8.04E-04	1.85E-03	5.12E-03	U
AP	07	365799006	12/22/2014	Sb-124	-8.22E-04	9.66E-04	2.05E-03	U
AP	07	365799006	12/22/2014	Sb-125	-2.50E-04	4.73E-04	1.29E-03	U
AP	07	365799006	12/22/2014	Se-75	4.50E-05	2.65E-04	8.77E-04	U
AP	07	365799006	12/22/2014	Th-228	-9.71E-05	2.63E-04	9.17E-04	U
AP	07	365799006	12/22/2014	Zn-65	-4.92E-04	4.17E-04	1.14E-03	U
AP	07	365799006	12/22/2014	Zr-95	9.32E-04	5.75E-04	1.80E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	08	341035007	1/8/2014	BETA	3.70E-02	1.53E-03	5.29E-04	
AP	08	341927007	1/22/2014	BETA	2.98E-02	1.41E-03	6.31E-04	
AP	08	342573007	2/4/2014	BETA	2.97E-02	1.37E-03	5.10E-04	
AP	08	343447007	2/19/2014	BETA	2.67E-02	1.22E-03	5.23E-04	
AP	08	344166007	3/5/2014	BETA	3.33E-02	1.42E-03	5.21E-04	
AP	08	345114007	3/19/2014	BETA	3.00E-02	1.37E-03	5.76E-04	
AP	08	346215007	4/3/2014	BETA	2.15E-02	1.12E-03	5.25E-04	
AP	08	348245007	4/3/2014	Ac-228	-1.53E-03	1.22E-03	3.44E-03	U
AP	08	348245007	4/3/2014	Ag-108m	-1.10E-05	1.55E-04	4.96E-04	U
AP	08	348245007	4/3/2014	Ag-110m	6.42E-04	4.74E-04	1.58E-03	U
AP	08	348245007	4/3/2014	Ba-140	-4.41E-03	4.24E-02	1.40E-01	U
AP	08	348245007	4/3/2014	Be-7	8.97E-02	1.28E-02	1.76E-02	
AP	08	348245007	4/3/2014	Ce-141	2.23E-04	1.49E-03	4.86E-03	U
AP	08	348245007	4/3/2014	Ce-144	6.39E-04	1.06E-03	3.53E-03	U
AP	08	348245007	4/3/2014	Co-57	8.50E-05	1.26E-04	4.21E-04	U
AP	08	348245007	4/3/2014	Co-58	3.25E-04	5.58E-04	1.72E-03	U
AP	08	348245007	4/3/2014	Co-60	-3.35E-04	3.08E-04	7.99E-04	U
AP	08	348245007	4/3/2014	Cr-51	7.64E-03	1.32E-02	4.51E-02	U
AP	08	348245007	4/3/2014	Cs-134	-9.94E-05	2.60E-04	8.03E-04	U
AP	08	348245007	4/3/2014	Cs-137	-5.76E-05	2.27E-04	7.30E-04	U
AP	08	348245007	4/3/2014	Fe-59	6.04E-05	1.58E-03	5.28E-03	U
AP	08	348245007	4/3/2014	I-131	-1.87E-02	3.59E-01	0.00E+00	U
AP	08	348245007	4/3/2014	K-40	-4.72E-04	3.65E-03	1.27E-02	U
AP	08	348245007	4/3/2014	La-140	-4.41E-03	4.24E-02	1.40E-01	U
AP	08	348245007	4/3/2014	Mn-54	2.26E-04	2.75E-04	9.63E-04	U
AP	08	348245007	4/3/2014	Nb-95	1.46E-05	5.29E-04	1.74E-03	U
AP	08	348245007	4/3/2014	Ru-103	-8.01E-04	9.08E-04	2.57E-03	U
AP	08	348245007	4/3/2014	Ru-106	1.81E-03	1.93E-03	6.95E-03	U
AP	08	348245007	4/3/2014	Sb-124	-5.20E-04	1.29E-03	3.88E-03	U
AP	08	348245007	4/3/2014	Sb-125	1.15E-03	5.88E-04	2.02E-03	U
AP	08	348245007	4/3/2014	Se-75	3.00E-04	4.10E-04	1.41E-03	U
AP	08	348245007	4/3/2014	Th-228	5.34E-04	4.97E-04	1.27E-03	U
AP	08	348245007	4/3/2014	Zn-65	-2.65E-04	7.63E-04	2.43E-03	U
AP	08	348245007	4/3/2014	Zr-95	-4.86E-04	9.58E-04	2.92E-03	U
AP	08	347133007	4/17/2014	BETA	2.01E-02	1.15E-03	6.27E-04	
AP	08	347917007	4/30/2014	BETA	1.63E-02	1.07E-03	6.92E-04	
AP	08	348849007	5/14/2014	BETA	1.73E-02	1.04E-03	6.39E-04	
AP	08	349789007	5/28/2014	BETA	1.66E-02	1.10E-03	6.59E-04	
AP	08	350662007	6/11/2014	BETA	1.47E-02	9.63E-04	5.86E-04	
AP	08	351500007	6/25/2014	BETA	1.78E-02	1.06E-03	5.56E-04	
AP	08	354761007	6/25/2014	Ac-228	2.21E-04	7.09E-04	2.56E-03	U
AP	08	354761007	6/25/2014	Ag-108m	3.83E-05	1.40E-04	4.07E-04	U
AP	08	354761007	6/25/2014	Ag-110m	2.69E-04	2.44E-04	8.76E-04	U
AP	08	354761007	6/25/2014	Ba-140	-1.90E-02	3.75E-02	1.12E-01	U
AP	08	354761007	6/25/2014	Be-7	1.05E-01	1.13E-02	1.40E-02	
AP	08	354761007	6/25/2014	Ce-141	-2.13E-03	1.24E-03	3.19E-03	U
AP	08	354761007	6/25/2014	Ce-144	-5.19E-05	8.76E-04	2.80E-03	U
AP	08	354761007	6/25/2014	Co-57	1.67E-04	1.12E-04	3.67E-04	U
AP	08	354761007	6/25/2014	Co-58	5.66E-04	4.19E-04	1.47E-03	U
AP	08	354761007	6/25/2014	Co-60	-1.12E-05	1.77E-04	5.79E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	08	354761007	6/25/2014	Cr-51	0.00E+00	1.85E-02	3.47E-02	U
AP	08	354761007	6/25/2014	Cs-134	1.97E-04	1.88E-04	6.62E-04	U
AP	08	354761007	6/25/2014	Cs-137	-9.71E-05	1.56E-04	4.82E-04	U
AP	08	354761007	6/25/2014	Fe-59	6.93E-04	1.14E-03	4.07E-03	U
AP	08	354761007	6/25/2014	I-131	0.00E+00	3.66E-01	0.00E+00	UI
AP	08	354761007	6/25/2014	K-40	1.79E-03	3.45E-03	6.33E-03	U
AP	08	354761007	6/25/2014	La-140	-1.90E-02	3.75E-02	1.12E-01	U
AP	08	354761007	6/25/2014	Mn-54	0.00E+00	1.86E-04	6.20E-04	U
AP	08	354761007	6/25/2014	Nb-95	3.23E-04	4.22E-04	1.46E-03	U
AP	08	354761007	6/25/2014	Ru-103	-1.27E-03	7.47E-04	1.78E-03	U
AP	08	354761007	6/25/2014	Ru-106	1.66E-03	1.79E-03	6.26E-03	U
AP	08	354761007	6/25/2014	Sb-124	-1.16E-03	9.62E-04	1.99E-03	U
AP	08	354761007	6/25/2014	Sb-125	-3.81E-04	4.06E-04	1.17E-03	U
AP	08	354761007	6/25/2014	Se-75	9.52E-05	3.01E-04	1.02E-03	U
AP	08	354761007	6/25/2014	Th-228	4.41E-04	3.20E-04	9.27E-04	U
AP	08	354761007	6/25/2014	Zn-65	-6.45E-04	4.87E-04	1.27E-03	U
AP	08	354761007	6/25/2014	Zr-95	1.33E-03	9.04E-04	3.14E-03	U
AP	08	352440007	7/9/2014	BETA	2.60E-02	1.30E-03	5.92E-04	
AP	08	353511007	7/23/2014	BETA	2.14E-02	1.18E-03	6.28E-04	
AP	08	354408007	8/6/2014	BETA	2.20E-02	1.20E-03	6.06E-04	
AP	08	355405007	8/20/2014	BETA	1.68E-02	1.04E-03	6.05E-04	
AP	08	356288007	9/3/2014	BETA	2.41E-02	1.26E-03	6.06E-04	
AP	08	357203007	9/17/2014	BETA	2.34E-02	1.10E-03	4.35E-04	
AP	08	357975007	10/1/2014	BETA	2.79E-02	1.21E-03	4.56E-04	
AP	08	361410007	10/1/2014	Ac-228	3.50E-04	6.82E-04	2.24E-03	U
AP	08	361410007	10/1/2014	Ag-108m	-6.28E-05	9.29E-05	2.90E-04	U
AP	08	361410007	10/1/2014	Ag-110m	-3.75E-04	2.32E-04	5.61E-04	U
AP	08	361410007	10/1/2014	Ba-140	6.72E-02	7.91E-02	2.78E-01	U
AP	08	361410007	10/1/2014	Be-7	1.10E-01	1.00E-02	1.23E-02	
AP	08	361410007	10/1/2014	Ce-141	5.78E-04	1.53E-03	4.63E-03	U
AP	08	361410007	10/1/2014	Ce-144	9.01E-04	6.50E-04	2.17E-03	U
AP	08	361410007	10/1/2014	Co-57	1.26E-04	9.45E-05	3.04E-04	U
AP	08	361410007	10/1/2014	Co-58	2.31E-04	3.95E-04	1.22E-03	U
AP	08	361410007	10/1/2014	Co-60	8.83E-05	1.56E-04	5.46E-04	U
AP	08	361410007	10/1/2014	Cr-51	1.43E-02	1.37E-02	4.57E-02	U
AP	08	361410007	10/1/2014	Cs-134	1.25E-04	1.62E-04	5.23E-04	U
AP	08	361410007	10/1/2014	Cs-137	6.15E-05	1.09E-04	3.77E-04	U
AP	08	361410007	10/1/2014	Fe-59	1.37E-03	1.29E-03	4.59E-03	U
AP	08	361410007	10/1/2014	I-131	-1.91E+00	1.70E+00	0.00E+00	U
AP	08	361410007	10/1/2014	K-40	6.49E-03	2.27E-03	4.54E-03	
AP	08	361410007	10/1/2014	La-140	6.72E-02	7.91E-02	2.78E-01	U
AP	08	361410007	10/1/2014	Mn-54	-3.48E-04	1.84E-04	4.34E-04	U
AP	08	361410007	10/1/2014	Nb-95	-3.25E-04	3.60E-04	1.06E-03	U
AP	08	361410007	10/1/2014	Ru-103	-1.28E-04	7.12E-04	2.30E-03	U
AP	08	361410007	10/1/2014	Ru-106	-1.03E-03	1.35E-03	3.50E-03	U
AP	08	361410007	10/1/2014	Sb-124	7.22E-04	1.30E-03	4.49E-03	U
AP	08	361410007	10/1/2014	Sb-125	1.62E-04	3.08E-04	1.05E-03	U
AP	08	361410007	10/1/2014	Se-75	-3.12E-04	3.05E-04	7.81E-04	U
AP	08	361410007	10/1/2014	Th-228	2.92E-04	2.14E-04	6.93E-04	U
AP	08	361410007	10/1/2014	Zn-65	-3.70E-04	3.36E-04	9.18E-04	U
AP	08	361410007	10/1/2014	Zr-95	-4.60E-04	6.76E-04	2.07E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	08	359254007	10/15/2014	BETA	2.41E-02	1.36E-03	5.95E-04	
AP	08	360254007	10/29/2014	BETA	1.58E-02	1.10E-03	5.47E-04	
AP	08	361406007	11/12/2014	BETA	2.92E-02	1.22E-03	4.79E-04	
AP	08	362127007	11/25/2014	BETA	2.65E-02	1.19E-03	5.29E-04	
AP	08	363065007	12/10/2014	BETA	2.38E-02	1.06E-03	4.11E-04	
AP	08	363736007	12/22/2014	BETA	1.93E-02	1.05E-03	5.49E-04	
AP	08	365799007	12/22/2014	Ac-228	1.20E-05	4.91E-04	1.66E-03	U
AP	08	365799007	12/22/2014	Ag-108m	-9.99E-05	9.21E-05	2.61E-04	U
AP	08	365799007	12/22/2014	Ag-110m	9.08E-05	1.65E-04	5.79E-04	U
AP	08	365799007	12/22/2014	Ba-140	-1.53E-02	1.95E-02	5.67E-02	U
AP	08	365799007	12/22/2014	Be-7	7.16E-02	6.83E-03	7.09E-03	
AP	08	365799007	12/22/2014	Ce-141	2.24E-04	5.20E-04	1.72E-03	U
AP	08	365799007	12/22/2014	Ce-144	-2.80E-04	5.50E-04	1.73E-03	U
AP	08	365799007	12/22/2014	Co-57	-1.41E-06	7.12E-05	2.33E-04	U
AP	08	365799007	12/22/2014	Co-58	1.21E-04	2.44E-04	8.41E-04	U
AP	08	365799007	12/22/2014	Co-60	1.14E-04	9.62E-05	3.84E-04	U
AP	08	365799007	12/22/2014	Cr-51	5.67E-03	4.23E-03	1.48E-02	U
AP	08	365799007	12/22/2014	Cs-134	-2.42E-05	1.21E-04	3.88E-04	U
AP	08	365799007	12/22/2014	Cs-137	0.00E+00	1.59E-04	3.66E-04	U
AP	08	365799007	12/22/2014	Fe-59	-8.53E-04	6.04E-04	1.24E-03	U
AP	08	365799007	12/22/2014	I-131	3.87E-02	4.65E-02	1.61E-01	U
AP	08	365799007	12/22/2014	K-40	2.83E-03	1.83E-03	6.95E-03	U
AP	08	365799007	12/22/2014	La-140	-1.11E-02	9.42E-03	2.02E-02	U
AP	08	365799007	12/22/2014	Mn-54	1.55E-04	1.25E-04	4.55E-04	U
AP	08	365799007	12/22/2014	Nb-95	-2.31E-04	2.53E-04	6.76E-04	U
AP	08	365799007	12/22/2014	Ru-103	4.96E-04	4.11E-04	1.40E-03	U
AP	08	365799007	12/22/2014	Ru-106	-4.48E-04	1.21E-03	3.34E-03	U
AP	08	365799007	12/22/2014	Sb-124	-1.17E-05	3.55E-04	1.14E-03	U
AP	08	365799007	12/22/2014	Sb-125	1.71E-04	2.90E-04	9.87E-04	U
AP	08	365799007	12/22/2014	Se-75	-2.35E-04	1.93E-04	5.77E-04	U
AP	08	365799007	12/22/2014	Th-228	1.05E-04	2.58E-04	7.09E-04	U
AP	08	365799007	12/22/2014	Zn-65	-4.22E-04	3.04E-04	6.66E-04	U
AP	08	365799007	12/22/2014	Zr-95	-7.90E-05	3.83E-04	1.24E-03	U
AP	09	341035008	1/8/2014	BETA	3.13E-02	1.35E-03	4.87E-04	
AP	09	341927008	1/22/2014	BETA	3.48E-02	1.41E-03	5.36E-04	
AP	09	342573008	2/4/2014	BETA	2.57E-02	1.21E-03	4.66E-04	
AP	09	343447008	2/19/2014	BETA	2.71E-02	1.18E-03	4.80E-04	
AP	09	344166008	3/5/2014	BETA	3.26E-02	1.34E-03	4.70E-04	
AP	09	345114008	3/19/2014	BETA	2.81E-02	1.25E-03	5.06E-04	
AP	09	346215008	4/3/2014	BETA	2.05E-02	1.03E-03	4.66E-04	
AP	09	348245008	4/3/2014	Ac-228	2.43E-04	4.42E-04	1.58E-03	U
AP	09	348245008	4/3/2014	Ag-108m	7.28E-06	8.86E-05	2.89E-04	U
AP	09	348245008	4/3/2014	Ag-110m	-1.93E-04	1.91E-04	4.92E-04	U
AP	09	348245008	4/3/2014	Ba-140	-4.41E-04	2.54E-02	8.42E-02	U
AP	09	348245008	4/3/2014	Be-7	1.20E-01	1.04E-02	7.89E-03	
AP	09	348245008	4/3/2014	Ce-141	-1.31E-04	6.64E-04	2.12E-03	U
AP	09	348245008	4/3/2014	Ce-144	-4.18E-04	5.70E-04	1.74E-03	U
AP	09	348245008	4/3/2014	Co-57	6.24E-05	7.00E-05	2.38E-04	U
AP	09	348245008	4/3/2014	Co-58	1.57E-04	2.40E-04	8.41E-04	U
AP	09	348245008	4/3/2014	Co-60	-1.65E-05	1.73E-04	5.55E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	09	348245008	4/3/2014	Cr-51	1.76E-03	6.60E-03	2.22E-02	U
AP	09	348245008	4/3/2014	Cs-134	6.05E-05	1.11E-04	3.88E-04	U
AP	09	348245008	4/3/2014	Cs-137	-5.44E-05	1.22E-04	3.79E-04	U
AP	09	348245008	4/3/2014	Fe-59	1.84E-03	1.11E-03	4.10E-03	U
AP	09	348245008	4/3/2014	I-131	0.00E+00	1.68E-01	0.00E+00	UI
AP	09	348245008	4/3/2014	K-40	1.63E-03	1.87E-03	7.18E-03	U
AP	09	348245008	4/3/2014	La-140	-4.41E-04	2.54E-02	8.42E-02	U
AP	09	348245008	4/3/2014	Mn-54	1.37E-04	1.46E-04	5.16E-04	U
AP	09	348245008	4/3/2014	Nb-95	-4.33E-04	3.08E-04	7.62E-04	U
AP	09	348245008	4/3/2014	Ru-103	2.66E-04	4.26E-04	1.51E-03	U
AP	09	348245008	4/3/2014	Ru-106	-1.26E-03	1.27E-03	3.68E-03	U
AP	09	348245008	4/3/2014	Sb-124	6.76E-04	8.33E-04	3.12E-03	U
AP	09	348245008	4/3/2014	Sb-125	-6.44E-06	3.19E-04	1.03E-03	U
AP	09	348245008	4/3/2014	Se-75	1.07E-04	1.81E-04	6.26E-04	U
AP	09	348245008	4/3/2014	Th-228	4.21E-04	2.69E-04	6.53E-04	U
AP	09	348245008	4/3/2014	Zn-65	9.94E-05	3.55E-04	1.21E-03	U
AP	09	348245008	4/3/2014	Zr-95	-1.31E-03	6.57E-04	1.35E-03	U
AP	09	347133008	4/17/2014	BETA	2.35E-02	1.16E-03	5.45E-04	
AP	09	347917008	4/30/2014	BETA	1.82E-02	1.06E-03	6.10E-04	
AP	09	348849008	5/14/2014	BETA	1.83E-02	1.05E-03	6.21E-04	
AP	09	349789008	5/28/2014	BETA	1.06E-02	8.22E-04	5.69E-04	
AP	09	350662008	6/11/2014	BETA	9.29E-03	7.73E-04	5.89E-04	M
AP	09	351500008	6/25/2014	BETA	1.69E-02	1.04E-03	5.57E-04	
AP	09	354761008	6/25/2014	Ac-228	-3.70E-04	6.20E-04	1.95E-03	U
AP	09	354761008	6/25/2014	Ag-108m	5.53E-05	1.17E-04	4.08E-04	U
AP	09	354761008	6/25/2014	Ag-110m	-6.85E-05	2.00E-04	6.03E-04	U
AP	09	354761008	6/25/2014	Ba-140	-2.40E-02	3.18E-02	9.24E-02	U
AP	09	354761008	6/25/2014	Be-7	8.24E-02	1.00E-02	1.29E-02	
AP	09	354761008	6/25/2014	Ce-141	-2.15E-03	1.14E-03	3.06E-03	U
AP	09	354761008	6/25/2014	Ce-144	9.65E-04	7.73E-04	2.68E-03	U
AP	09	354761008	6/25/2014	Co-57	8.45E-05	9.43E-05	3.12E-04	U
AP	09	354761008	6/25/2014	Co-58	-3.62E-04	3.21E-04	8.28E-04	U
AP	09	354761008	6/25/2014	Co-60	-1.05E-04	1.40E-04	3.73E-04	U
AP	09	354761008	6/25/2014	Cr-51	-2.47E-03	1.14E-02	3.66E-02	U
AP	09	354761008	6/25/2014	Cs-134	2.60E-05	2.23E-04	7.14E-04	U
AP	09	354761008	6/25/2014	Cs-137	-3.20E-04	2.03E-04	5.74E-04	U
AP	09	354761008	6/25/2014	Fe-59	-8.10E-04	1.10E-03	3.16E-03	U
AP	09	354761008	6/25/2014	I-131	-4.73E-01	4.11E-01	0.00E+00	U
AP	09	354761008	6/25/2014	K-40	2.04E-03	2.22E-03	5.72E-03	U
AP	09	354761008	6/25/2014	La-140	-2.40E-02	3.18E-02	9.24E-02	U
AP	09	354761008	6/25/2014	Mn-54	6.28E-06	2.09E-04	6.79E-04	U
AP	09	354761008	6/25/2014	Nb-95	-6.78E-04	4.22E-04	9.91E-04	U
AP	09	354761008	6/25/2014	Ru-103	8.17E-05	5.74E-04	1.95E-03	U
AP	09	354761008	6/25/2014	Ru-106	1.43E-03	1.60E-03	5.60E-03	U
AP	09	354761008	6/25/2014	Sb-124	1.03E-03	1.13E-03	4.22E-03	U
AP	09	354761008	6/25/2014	Sb-125	-2.29E-05	4.20E-04	1.34E-03	U
AP	09	354761008	6/25/2014	Se-75	2.67E-04	3.51E-04	1.06E-03	U
AP	09	354761008	6/25/2014	Th-228	6.09E-04	3.65E-04	9.63E-04	U
AP	09	354761008	6/25/2014	Zn-65	4.03E-04	3.60E-04	1.35E-03	U
AP	09	354761008	6/25/2014	Zr-95	0.00E+00	7.38E-04	1.59E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	09	352440008	7/9/2014	BETA	2.69E-02	1.32E-03	5.96E-04	
AP	09	353511008	7/23/2014	BETA	2.25E-02	1.21E-03	6.27E-04	
AP	09	354408008	8/6/2014	BETA	2.69E-02	1.33E-03	6.07E-04	
AP	09	355405008	8/20/2014	BETA	1.75E-02	1.06E-03	6.03E-04	
AP	09	356288008	9/3/2014	BETA	2.19E-02	1.15E-03	5.63E-04	
AP	09	357203008	9/17/2014	BETA	2.09E-02	1.12E-03	5.08E-04	
AP	09	357975008	10/1/2014	BETA	2.58E-02	1.25E-03	5.26E-04	
AP	09	361410008	10/1/2014	Ac-228	1.87E-03	1.28E-03	4.31E-03	U
AP	09	361410008	10/1/2014	Ag-108m	2.89E-05	2.09E-04	6.80E-04	U
AP	09	361410008	10/1/2014	Ag-110m	-8.49E-04	5.14E-04	1.15E-03	U
AP	09	361410008	10/1/2014	Ba-140	6.72E-02	1.48E-01	5.23E-01	U
AP	09	361410008	10/1/2014	Be-7	1.03E-01	1.43E-02	1.95E-02	
AP	09	361410008	10/1/2014	Ce-141	-4.30E-03	2.60E-03	6.77E-03	U
AP	09	361410008	10/1/2014	Ce-144	1.11E-03	1.10E-03	3.65E-03	U
AP	09	361410008	10/1/2014	Co-57	-1.50E-04	1.41E-04	4.10E-04	U
AP	09	361410008	10/1/2014	Co-58	-3.16E-04	6.72E-04	2.05E-03	U
AP	09	361410008	10/1/2014	Co-60	-5.85E-04	3.87E-04	9.28E-04	U
AP	09	361410008	10/1/2014	Cr-51	9.06E-04	2.52E-02	8.33E-02	U
AP	09	361410008	10/1/2014	Cs-134	2.20E-04	2.80E-04	9.80E-04	U
AP	09	361410008	10/1/2014	Cs-137	2.24E-04	3.11E-04	9.61E-04	U
AP	09	361410008	10/1/2014	Fe-59	2.60E-03	2.59E-03	9.40E-03	U
AP	09	361410008	10/1/2014	I-131	0.00E+00	3.01E+00	0.00E+00	UI
AP	09	361410008	10/1/2014	K-40	-1.27E-03	3.51E-03	1.28E-02	U
AP	09	361410008	10/1/2014	La-140	6.72E-02	1.48E-01	5.23E-01	U
AP	09	361410008	10/1/2014	Mn-54	2.21E-05	3.70E-04	1.21E-03	U
AP	09	361410008	10/1/2014	Nb-95	-3.27E-04	7.40E-04	2.29E-03	U
AP	09	361410008	10/1/2014	Ru-103	8.16E-04	1.40E-03	4.91E-03	U
AP	09	361410008	10/1/2014	Ru-106	9.77E-04	2.77E-03	9.44E-03	U
AP	09	361410008	10/1/2014	Sb-124	1.65E-03	1.94E-03	7.35E-03	U
AP	09	361410008	10/1/2014	Sb-125	-6.85E-04	6.35E-04	1.80E-03	U
AP	09	361410008	10/1/2014	Se-75	-2.89E-04	4.85E-04	1.54E-03	U
AP	09	361410008	10/1/2014	Th-228	2.88E-04	5.08E-04	1.43E-03	U
AP	09	361410008	10/1/2014	Zn-65	1.49E-05	7.76E-04	2.58E-03	U
AP	09	361410008	10/1/2014	Zr-95	3.78E-04	1.09E-03	3.71E-03	U
AP	09	359254008	10/15/2014	BETA	3.13E-02	1.67E-03	6.85E-04	
AP	09	360254008	10/29/2014	BETA	1.52E-02	1.17E-03	6.34E-04	
AP	09	361406008	11/12/2014	BETA	2.56E-02	1.24E-03	5.71E-04	
AP	09	362127008	11/25/2014	BETA	2.62E-02	1.30E-03	6.38E-04	
AP	09	363065008	12/10/2014	BETA	2.40E-02	1.16E-03	4.93E-04	
AP	09	363736008	12/22/2014	BETA	1.97E-02	1.18E-03	6.83E-04	
AP	09	365799008	12/22/2014	Ac-228	3.93E-04	6.73E-04	2.36E-03	U
AP	09	365799008	12/22/2014	Ag-108m	2.33E-04	1.56E-04	4.80E-04	U
AP	09	365799008	12/22/2014	Ag-110m	8.90E-05	2.31E-04	8.03E-04	U
AP	09	365799008	12/22/2014	Ba-140	-2.63E-02	2.07E-02	5.57E-02	U
AP	09	365799008	12/22/2014	Be-7	6.55E-02	8.38E-03	1.19E-02	
AP	09	365799008	12/22/2014	Ce-141	1.34E-03	8.97E-04	2.95E-03	U
AP	09	365799008	12/22/2014	Ce-144	8.00E-04	9.07E-04	3.04E-03	U
AP	09	365799008	12/22/2014	Co-57	-7.26E-05	1.25E-04	3.95E-04	U
AP	09	365799008	12/22/2014	Co-58	3.86E-04	2.70E-04	9.85E-04	U
AP	09	365799008	12/22/2014	Co-60	-1.37E-05	1.64E-04	5.23E-04	U

Seabrook REMP Summary of 2014 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	09	365799008	12/22/2014	Cr-51	4.77E-03	7.02E-03	2.38E-02	U
AP	09	365799008	12/22/2014	Cs-134	-3.87E-04	2.37E-04	5.77E-04	U
AP	09	365799008	12/22/2014	Cs-137	-6.82E-05	1.75E-04	5.53E-04	U
AP	09	365799008	12/22/2014	Fe-59	-7.39E-04	8.98E-04	2.54E-03	U
AP	09	365799008	12/22/2014	I-131	8.23E-02	7.83E-02	2.65E-01	U
AP	09	365799008	12/22/2014	K-40	3.29E-03	2.74E-03	1.04E-02	U
AP	09	365799008	12/22/2014	La-140	-3.20E-03	7.26E-03	2.13E-02	U
AP	09	365799008	12/22/2014	Mn-54	4.66E-05	2.18E-04	7.20E-04	U
AP	09	365799008	12/22/2014	Nb-95	5.67E-05	4.23E-04	1.40E-03	U
AP	09	365799008	12/22/2014	Ru-103	3.08E-05	5.39E-04	1.81E-03	U
AP	09	365799008	12/22/2014	Ru-106	8.84E-04	1.73E-03	5.90E-03	U
AP	09	365799008	12/22/2014	Sb-124	-2.35E-04	1.17E-03	3.71E-03	U
AP	09	365799008	12/22/2014	Sb-125	2.92E-04	4.55E-04	1.53E-03	U
AP	09	365799008	12/22/2014	Se-75	-3.06E-04	3.12E-04	9.62E-04	U
AP	09	365799008	12/22/2014	Th-228	3.50E-04	4.37E-04	1.01E-03	U
AP	09	365799008	12/22/2014	Zn-65	9.12E-04	4.57E-04	1.64E-03	U
AP	09	365799008	12/22/2014	Zr-95	2.55E-04	6.45E-04	2.18E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	01	341035009	1/8/2014	I-131	-1.98E-03	3.28E-03	1.04E-02	U
CF	01	341927009	1/22/2014	I-131	4.29E-03	3.52E-03	1.30E-02	U
CF	01	342573009	2/4/2014	I-131	-2.48E-03	4.20E-03	1.18E-02	U
CF	01	343447009	2/19/2014	I-131	1.42E-03	5.54E-03	1.88E-02	U
CF	01	344166009	3/5/2014	I-131	1.47E-03	4.25E-03	1.46E-02	U
CF	01	345114009	3/19/2014	I-131	-2.30E-03	5.13E-03	1.63E-02	U
CF	01	346215009	4/3/2014	I-131	6.65E-03	4.90E-03	1.48E-02	U
CF	01	347133009	4/17/2014	I-131	1.75E-03	4.31E-03	1.45E-02	U
CF	01	347917009	4/30/2014	I-131	8.94E-03	6.23E-03	2.32E-02	U
CF	01	348849009	5/14/2014	I-131	-1.04E-04	6.49E-03	2.14E-02	U
CF	01	349789009	5/28/2014	I-131	4.72E-03	4.80E-03	1.72E-02	U
CF	01	350662009	6/11/2014	I-131	3.54E-03	7.50E-03	2.62E-02	U
CF	01	351500009	6/25/2014	I-131	6.51E-04	2.52E-03	8.48E-03	U
CF	01	352440009	7/9/2014	I-131	-2.46E-04	4.73E-03	1.53E-02	U
CF	01	353511009	7/23/2014	I-131	9.59E-04	2.56E-03	8.95E-03	U
CF	01	354408009	8/6/2014	I-131	-2.68E-03	3.72E-03	1.04E-02	U
CF	01	355405009	8/20/2014	I-131	2.68E-05	3.37E-03	1.10E-02	U
CF	01	356288009	9/3/2014	I-131	5.83E-03	7.27E-03	2.58E-02	U
CF	01	357203009	9/17/2014	I-131	5.18E-03	6.94E-03	2.45E-02	U
CF	01	357975009	10/1/2014	I-131	-1.10E-03	4.43E-03	1.21E-02	U
CF	01	359254009	10/15/2014	I-131	-2.18E-03	3.95E-03	1.21E-02	U
CF	01	360254009	10/29/2014	I-131	-1.42E-03	7.43E-03	2.01E-02	U
CF	01	361406009	11/12/2014	I-131	6.16E-03	8.38E-03	2.62E-02	U
CF	01	362127009	11/25/2014	I-131	-3.27E-03	6.28E-03	1.80E-02	U
CF	01	363065009	12/10/2014	I-131	5.69E-03	4.70E-03	1.76E-02	U
CF	01	363736009	12/22/2014	I-131	-6.43E-04	3.81E-03	1.24E-02	U
CF	02	341035010	1/8/2014	I-131	-2.54E-03	1.71E-03	4.77E-03	U
CF	02	341927010	1/22/2014	I-131	-6.73E-03	3.09E-03	3.94E-03	U
CF	02	342573010	2/4/2014	I-131	-8.34E-04	2.26E-03	6.91E-03	U
CF	02	343447010	2/19/2014	I-131	8.34E-04	3.14E-03	1.06E-02	U
CF	02	344166010	3/5/2014	I-131	9.38E-03	3.34E-03	1.39E-02	U
CF	02	345114010	3/19/2014	I-131	8.33E-04	3.33E-03	1.15E-02	U
CF	02	346215010	4/3/2014	I-131	1.52E-03	2.53E-03	8.71E-03	U
CF	02	347133010	4/17/2014	I-131	-4.50E-05	2.84E-03	9.44E-03	U
CF	02	347917010	4/30/2014	I-131	1.06E-02	8.89E-03	3.31E-02	U
CF	02	348849010	5/14/2014	I-131	7.50E-03	4.32E-03	1.55E-02	U
CF	02	349789010	5/28/2014	I-131	9.33E-04	4.35E-03	1.46E-02	U
CF	02	350662010	6/11/2014	I-131	-3.75E-03	3.24E-03	6.22E-03	U
CF	02	351500010	6/25/2014	I-131	5.13E-04	2.87E-03	9.51E-03	U
CF	02	352440010	7/9/2014	I-131	2.09E-04	4.28E-03	1.44E-02	U
CF	02	353511010	7/23/2014	I-131	-1.68E-04	3.99E-03	1.29E-02	U
CF	02	354408010	8/6/2014	I-131	3.85E-03	4.14E-03	1.51E-02	U
CF	02	355405010	8/20/2014	I-131	-3.52E-03	2.96E-03	7.43E-03	U
CF	02	356288010	9/3/2014	I-131	1.13E-03	6.16E-03	2.05E-02	U
CF	02	357203010	9/17/2014	I-131	-9.10E-03	6.17E-03	1.37E-02	U
CF	02	357975010	10/1/2014	I-131	3.29E-04	5.13E-03	1.70E-02	U
CF	02	359254010	10/15/2014	I-131	3.45E-03	2.61E-03	9.95E-03	U
CF	02	360254010	10/29/2014	I-131	-7.60E-03	5.66E-03	1.37E-02	U
CF	02	361406010	11/12/2014	I-131	5.35E-03	1.12E-02	3.48E-02	U
CF	02	362127010	11/25/2014	I-131	4.94E-04	6.52E-03	2.16E-02	U
CF	02	363065010	12/10/2014	I-131	7.89E-04	4.23E-03	1.41E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	02	363736010	12/22/2014	I-131	3.93E-03	4.94E-03	1.76E-02	U
CF	03	341035011	1/8/2014	I-131	6.55E-04	1.73E-03	5.96E-03	U
CF	03	341927011	1/22/2014	I-131	3.00E-03	4.78E-03	1.68E-02	U
CF	03	342573011	2/4/2014	I-131	-1.32E-03	5.86E-03	1.89E-02	U
CF	03	343447011	2/19/2014	I-131	-8.60E-03	4.52E-03	6.61E-03	U
CF	03	344166011	3/5/2014	I-131	5.48E-04	3.88E-03	1.28E-02	U
CF	03	345114011	3/19/2014	I-131	4.22E-03	2.87E-03	1.03E-02	U
CF	03	346215011	4/3/2014	I-131	1.04E-03	1.97E-03	6.62E-03	U
CF	03	347133011	4/17/2014	I-131	-1.63E-03	2.40E-03	7.46E-03	U
CF	03	347917011	4/30/2014	I-131	8.81E-04	4.67E-03	1.61E-02	U
CF	03	348849011	5/14/2014	I-131	5.07E-04	7.39E-03	2.13E-02	U
CF	03	349789011	5/28/2014	I-131	-4.46E-03	5.44E-03	1.54E-02	U
CF	03	350662011	6/11/2014	I-131	-2.57E-04	4.46E-03	1.49E-02	U
CF	03	351500011	6/25/2014	I-131	3.79E-04	2.07E-03	6.92E-03	U
CF	03	352440011	7/9/2014	I-131	1.78E-03	4.93E-03	1.72E-02	U
CF	03	353511011	7/23/2014	I-131	-3.01E-03	4.09E-03	1.13E-02	U
CF	03	354408011	8/6/2014	I-131	-1.61E-03	4.50E-03	1.34E-02	U
CF	03	355405011	8/20/2014	I-131	-1.57E-03	3.54E-03	1.15E-02	U
CF	03	356288011	9/3/2014	I-131	3.07E-03	6.11E-03	2.14E-02	U
CF	03	357203011	9/17/2014	I-131	-1.69E-03	4.85E-03	1.56E-02	U
CF	03	357975011	10/1/2014	I-131	1.71E-03	5.14E-03	1.78E-02	U
CF	03	359254011	10/15/2014	I-131	2.08E-03	2.68E-03	9.66E-03	U
CF	03	360254011	10/29/2014	I-131	2.54E-04	3.49E-03	1.19E-02	U
CF	03	361406011	11/12/2014	I-131	-1.35E-03	7.10E-03	2.26E-02	U
CF	03	362127011	11/25/2014	I-131	-2.60E-03	6.44E-03	1.95E-02	U
CF	03	363065011	12/10/2014	I-131	-2.68E-04	5.85E-03	1.89E-02	U
CF	03	363736011	12/22/2014	I-131	6.50E-03	4.15E-03	1.45E-02	U
CF	04	341035012	1/8/2014	I-131	1.62E-04	2.81E-03	9.25E-03	U
CF	04	341927012	1/22/2014	I-131	-9.08E-03	5.91E-03	1.03E-02	U
CF	04	342573012	2/4/2014	I-131	5.49E-05	3.32E-03	1.10E-02	U
CF	04	343447012	2/19/2014	I-131	1.74E-03	3.39E-03	1.18E-02	U
CF	04	344166012	3/5/2014	I-131	-4.86E-03	4.00E-03	9.58E-03	U
CF	04	345114012	3/19/2014	I-131	-1.00E-03	2.51E-03	7.89E-03	U
CF	04	346215012	4/3/2014	I-131	5.82E-04	2.08E-03	7.11E-03	U
CF	04	347133012	4/17/2014	I-131	-1.91E-04	2.07E-03	6.64E-03	U
CF	04	347917012	4/30/2014	I-131	1.62E-03	9.32E-03	3.12E-02	U
CF	04	348849012	5/14/2014	I-131	2.37E-03	3.63E-03	1.29E-02	U
CF	04	349789012	5/28/2014	I-131	-8.49E-04	3.66E-03	1.17E-02	U
CF	04	350662012	6/11/2014	I-131	-1.33E-04	1.79E-03	5.58E-03	U
CF	04	351500012	6/25/2014	I-131	2.69E-03	2.44E-03	8.56E-03	U
CF	04	352440012	7/9/2014	I-131	2.12E-03	3.70E-03	1.32E-02	U
CF	04	353511012	7/23/2014	I-131	-2.98E-03	3.88E-03	1.12E-02	U
CF	04	354408012	8/6/2014	I-131	1.07E-03	5.15E-03	1.76E-02	U
CF	04	355405012	8/20/2014	I-131	4.94E-03	2.02E-02	6.69E-02	U
CF	04	356288012	9/3/2014	I-131	3.78E-03	4.00E-03	1.48E-02	U
CF	04	357203012	9/17/2014	I-131	-2.71E-03	5.90E-03	1.83E-02	U
CF	04	357975012	10/1/2014	I-131	2.03E-03	4.51E-03	1.53E-02	U
CF	04	359254012	10/15/2014	I-131	-1.88E-03	3.18E-03	9.48E-03	U
CF	04	360254012	10/29/2014	I-131	6.50E-03	5.53E-03	2.02E-02	U
CF	04	361406012	11/12/2014	I-131	-4.20E-04	5.17E-03	1.66E-02	U
CF	04	362127012	11/25/2014	I-131	9.04E-03	5.75E-03	2.21E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	04	363065012	12/10/2014	I-131	-4.58E-03	4.94E-03	1.33E-02	U
CF	04	363736012	12/22/2014	I-131	1.27E-03	3.66E-03	1.25E-02	U
CF	05	341035013	1/8/2014	I-131	-1.45E-04	3.74E-03	1.22E-02	U
CF	05	341927013	1/22/2014	I-131	5.65E-03	4.66E-03	1.73E-02	U
CF	05	342573013	2/4/2014	I-131	-4.57E-04	2.71E-03	8.76E-03	U
CF	05	343447013	2/19/2014	I-131	-1.40E-02	6.33E-03	7.22E-03	U
CF	05	344166013	3/5/2014	I-131	1.49E-04	3.21E-03	1.04E-02	U
CF	05	345114013	3/19/2014	I-131	6.01E-03	3.67E-03	1.31E-02	U
CF	05	346215013	4/3/2014	I-131	2.92E-03	4.18E-03	1.41E-02	U
CF	05	347133013	4/17/2014	I-131	-9.34E-04	2.24E-03	7.10E-03	U
CF	05	347917013	4/30/2014	I-131	-3.43E-03	4.55E-03	1.28E-02	U
CF	05	348849013	5/14/2014	I-131	1.59E-03	4.11E-03	1.42E-02	U
CF	05	349789013	5/28/2014	I-131	1.83E-03	4.37E-03	1.54E-02	U
CF	05	350662013	6/11/2014	I-131	-4.11E-03	5.39E-03	1.52E-02	U
CF	05	351500013	6/25/2014	I-131	1.21E-03	2.86E-03	9.55E-03	U
CF	05	352440013	7/9/2014	I-131	-2.86E-03	3.78E-03	1.03E-02	U
CF	05	353511013	7/23/2014	I-131	-3.65E-03	7.63E-03	2.30E-02	U
CF	05	354408013	8/6/2014	I-131	-3.22E-03	3.04E-03	6.54E-03	U
CF	05	355405013	8/20/2014	I-131	4.59E-03	3.37E-03	1.14E-02	U
CF	05	356288013	9/3/2014	I-131	2.76E-03	7.43E-03	2.50E-02	U
CF	05	357203013	9/17/2014	I-131	2.83E-03	5.20E-03	1.82E-02	U
CF	05	357975013	10/1/2014	I-131	4.78E-05	4.83E-03	1.58E-02	U
CF	05	359254013	10/15/2014	I-131	1.69E-03	3.17E-03	1.11E-02	U
CF	05	360254013	10/29/2014	I-131	-2.62E-04	3.28E-03	1.04E-02	U
CF	05	361406013	11/12/2014	I-131	-3.12E-03	6.16E-03	1.89E-02	U
CF	05	362127013	11/25/2014	I-131	7.67E-03	5.05E-03	1.99E-02	U
CF	05	363065013	12/10/2014	I-131	2.75E-03	2.88E-03	1.13E-02	U
CF	05	363736013	12/22/2014	I-131	-2.18E-03	3.98E-03	1.18E-02	U
CF	07	341035014	1/8/2014	I-131	0.00E+00	4.40E-03	1.27E-02	U
CF	07	341927014	1/22/2014	I-131	3.14E-03	3.19E-03	1.24E-02	U
CF	07	342573014	2/4/2014	I-131	-8.42E-04	3.90E-03	1.26E-02	U
CF	07	343447014	2/19/2014	I-131	2.60E-03	3.85E-03	1.40E-02	U
CF	07	344166014	3/5/2014	I-131	-1.10E-02	6.04E-03	1.04E-02	U
CF	07	345114014	3/19/2014	I-131	2.17E-03	5.62E-03	1.91E-02	U
CF	07	346215014	4/3/2014	I-131	3.05E-03	1.85E-03	6.32E-03	U
CF	07	347133014	4/17/2014	I-131	-1.70E-03	2.03E-03	5.96E-03	U
CF	07	347917014	4/30/2014	I-131	1.03E-02	5.58E-03	1.98E-02	U
CF	07	348849014	5/14/2014	I-131	1.81E-03	3.30E-03	1.14E-02	U
CF	07	349789014	5/28/2014	I-131	5.37E-03	4.36E-03	1.68E-02	U
CF	07	350662014	6/11/2014	I-131	-4.42E-03	4.53E-03	1.18E-02	U
CF	07	351500014	6/25/2014	I-131	-4.38E-04	2.27E-03	7.15E-03	U
CF	07	352440014	7/9/2014	I-131	4.99E-03	3.85E-03	1.53E-02	U
CF	07	353511014	7/23/2014	I-131	8.73E-03	5.01E-03	1.87E-02	U
CF	07	354408014	8/6/2014	I-131	-1.55E-03	5.06E-03	1.58E-02	U
CF	07	355405014	8/20/2014	I-131	3.97E-03	2.76E-03	8.67E-03	U
CF	07	356288014	9/3/2014	I-131	8.52E-03	6.13E-03	2.30E-02	U
CF	07	357203014	9/17/2014	I-131	4.97E-05	5.26E-03	1.67E-02	U
CF	07	357975014	10/1/2014	I-131	1.19E-03	4.23E-03	1.48E-02	U
CF	07	359254014	10/15/2014	I-131	1.50E-03	2.40E-03	8.47E-03	U
CF	07	360254014	10/29/2014	I-131	3.20E-03	4.97E-03	1.71E-02	U
CF	07	361406014	11/12/2014	I-131	2.50E-03	5.74E-03	1.99E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	07	362127014	11/25/2014	I-131	-2.04E-03	4.98E-03	1.47E-02	U
CF	07	363065014	12/10/2014	I-131	4.59E-03	3.41E-03	1.35E-02	U
CF	07	363736014	12/22/2014	I-131	-1.05E-02	5.55E-03	1.16E-02	U
CF	08	341035015	1/8/2014	I-131	-6.06E-03	5.65E-03	1.51E-02	U
CF	08	341927015	1/22/2014	I-131	-2.57E-03	3.35E-03	9.04E-03	U
CF	08	342573015	2/4/2014	I-131	4.22E-03	3.46E-03	1.26E-02	U
CF	08	343447015	2/19/2014	I-131	-2.22E-03	3.09E-03	8.43E-03	U
CF	08	344166015	3/5/2014	I-131	5.13E-03	3.89E-03	1.51E-02	U
CF	08	345114015	3/19/2014	I-131	1.28E-03	4.46E-03	1.49E-02	U
CF	08	346215015	4/3/2014	I-131	6.50E-04	2.84E-03	9.67E-03	U
CF	08	347133015	4/17/2014	I-131	2.31E-04	2.29E-03	7.59E-03	U
CF	08	347917015	4/30/2014	I-131	5.04E-03	4.00E-03	1.58E-02	U
CF	08	348849015	5/14/2014	I-131	1.73E-03	2.78E-03	9.88E-03	U
CF	08	349789015	5/28/2014	I-131	1.10E-02	1.06E-02	3.77E-02	U
CF	08	350662015	6/11/2014	I-131	-9.09E-04	3.92E-03	1.25E-02	U
CF	08	351500015	6/25/2014	I-131	-5.27E-04	3.13E-03	9.91E-03	U
CF	08	352440015	7/9/2014	I-131	1.98E-03	5.73E-03	1.99E-02	U
CF	08	353511015	7/23/2014	I-131	4.22E-03	4.53E-03	1.64E-02	U
CF	08	354408015	8/6/2014	I-131	-3.91E-03	5.11E-03	1.50E-02	U
CF	08	355405015	8/20/2014	I-131	4.05E-03	2.41E-03	7.36E-03	U
CF	08	356288015	9/3/2014	I-131	-6.04E-03	6.87E-03	1.91E-02	U
CF	08	357203015	9/17/2014	I-131	-6.59E-03	4.72E-03	9.92E-03	U
CF	08	357975015	10/1/2014	I-131	-7.73E-04	3.44E-03	1.07E-02	U
CF	08	359254015	10/15/2014	I-131	-8.08E-04	1.89E-03	5.63E-03	U
CF	08	360254015	10/29/2014	I-131	-4.96E-03	4.05E-03	9.89E-03	U
CF	08	361406015	11/12/2014	I-131	2.22E-03	5.31E-03	1.84E-02	U
CF	08	362127015	11/25/2014	I-131	-3.77E-03	4.12E-03	1.00E-02	U
CF	08	363065015	12/10/2014	I-131	7.91E-03	5.50E-03	1.99E-02	U
CF	08	363736015	12/22/2014	I-131	8.51E-03	3.38E-03	1.28E-02	U
CF	09	341035016	1/8/2014	I-131	-2.62E-03	3.38E-03	9.18E-03	U
CF	09	341927016	1/22/2014	I-131	-6.22E-03	4.77E-03	1.21E-02	U
CF	09	342573016	2/4/2014	I-131	3.00E-03	4.16E-03	1.48E-02	U
CF	09	343447016	2/19/2014	I-131	4.55E-04	6.50E-03	2.22E-02	U
CF	09	344166016	3/5/2014	I-131	2.29E-03	8.80E-03	2.60E-02	U
CF	09	345114016	3/19/2014	I-131	1.19E-03	2.54E-03	8.77E-03	U
CF	09	346215016	4/3/2014	I-131	-4.98E-04	1.80E-03	5.97E-03	U
CF	09	347133016	4/17/2014	I-131	-5.58E-05	1.91E-03	6.21E-03	U
CF	09	347917016	4/30/2014	I-131	-3.91E-03	7.74E-03	2.31E-02	U
CF	09	348849016	5/14/2014	I-131	-3.16E-03	3.44E-03	9.78E-03	U
CF	09	349789016	5/28/2014	I-131	-4.69E-03	3.62E-03	7.06E-03	U
CF	09	350662016	6/11/2014	I-131	-1.01E-02	5.75E-03	1.01E-02	U
CF	09	351500016	6/25/2014	I-131	-1.10E-03	2.60E-03	7.17E-03	U
CF	09	352440016	7/9/2014	I-131	-7.38E-03	5.23E-03	1.33E-02	U
CF	09	353511016	7/23/2014	I-131	-3.33E-03	4.10E-03	1.13E-02	U
CF	09	354408016	8/6/2014	I-131	1.06E-03	3.64E-03	1.24E-02	U
CF	09	355405016	8/20/2014	I-131	3.84E-03	2.60E-03	7.86E-03	U
CF	09	356288016	9/3/2014	I-131	-1.61E-03	3.26E-03	8.86E-03	U
CF	09	357203016	9/17/2014	I-131	4.51E-03	5.19E-03	1.84E-02	U
CF	09	357975016	10/1/2014	I-131	-3.22E-04	3.42E-03	1.08E-02	U
CF	09	359254016	10/15/2014	I-131	1.17E-03	1.98E-03	7.21E-03	U
CF	09	360254016	10/29/2014	I-131	-2.48E-03	3.81E-03	1.10E-02	U

Seabrook REMP Summary of 2014 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m^3)	STD.DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	09	361406016	11/12/2014	I-131	3.72E-03	5.71E-03	1.96E-02	U
CF	09	362127016	11/25/2014	I-131	1.97E-03	5.10E-03	1.79E-02	U
CF	09	363065016	12/10/2014	I-131	-6.30E-03	4.77E-03	1.14E-02	U
CF	09	363736016	12/22/2014	I-131	-5.99E-03	6.04E-03	1.74E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	03	344186001	3/4/2014	Ac-228	9.59E+00	3.14E+01	1.03E+02	U
FH	03	344186001	3/4/2014	Ag-108m	-3.24E+00	5.65E+00	1.84E+01	U
FH	03	344186001	3/4/2014	Ag-110m	8.93E+00	1.13E+01	3.39E+01	U
FH	03	344186001	3/4/2014	Ba-140	-3.64E-01	8.20E+00	2.67E+01	U
FH	03	344186001	3/4/2014	Be-7	-1.56E+01	4.88E+01	1.56E+02	U
FH	03	344186001	3/4/2014	Bi-214	5.52E+01	4.39E+01	5.54E+01	U
FH	03	344186001	3/4/2014	Ce-141	8.06E+00	1.22E+01	3.18E+01	U
FH	03	344186001	3/4/2014	Ce-144	-1.16E+01	3.41E+01	1.13E+02	U
FH	03	344186001	3/4/2014	Co-57	-4.89E+00	4.64E+00	1.38E+01	U
FH	03	344186001	3/4/2014	Co-58	-5.16E-01	5.88E+00	1.91E+01	U
FH	03	344186001	3/4/2014	Co-60	-5.87E-01	7.64E+00	2.52E+01	U
FH	03	344186001	3/4/2014	Cr-51	4.10E+00	5.37E+01	1.75E+02	U
FH	03	344186001	3/4/2014	Cs-134	-1.83E+01	8.49E+00	1.90E+01	U
FH	03	344186001	3/4/2014	Cs-137	7.08E+00	8.66E+00	2.16E+01	U
FH	03	344186001	3/4/2014	Fe-59	9.73E+00	1.59E+01	5.50E+01	U
FH	03	344186001	3/4/2014	I-131	-1.79E+01	1.20E+01	3.30E+01	U
FH	03	344186001	3/4/2014	K-40	3.02E+03	2.56E+02	2.19E+02	
FH	03	344186001	3/4/2014	La-140	-3.64E-01	8.20E+00	2.67E+01	U
FH	03	344186001	3/4/2014	Mn-54	3.89E+00	6.29E+00	2.13E+01	U
FH	03	344186001	3/4/2014	Nb-95	2.40E+00	7.08E+00	2.37E+01	U
FH	03	344186001	3/4/2014	Pb-212	1.79E+01	1.28E+01	4.03E+01	U
FH	03	344186001	3/4/2014	Pb-214	6.51E+00	2.90E+01	4.97E+01	U
FH	03	344186001	3/4/2014	Ra-226	5.52E+01	4.39E+01	5.54E+01	U
FH	03	344186001	3/4/2014	Ru-103	-7.74E+00	6.29E+00	1.86E+01	U
FH	03	344186001	3/4/2014	Ru-106	-4.59E+01	6.37E+01	1.99E+02	U
FH	03	344186001	3/4/2014	Sb-124	6.27E+00	1.51E+01	5.16E+01	U
FH	03	344186001	3/4/2014	Sb-125	1.36E+01	1.70E+01	5.62E+01	U
FH	03	344186001	3/4/2014	Se-75	1.22E+00	7.66E+00	2.52E+01	U
FH	03	344186001	3/4/2014	Th-228	1.79E+01	1.28E+01	4.03E+01	U
FH	03	344186001	3/4/2014	Th-230	5.52E+01	4.39E+01	5.54E+01	U
FH	03	344186001	3/4/2014	Tl-208	1.42E+00	8.10E+00	2.69E+01	U
FH	03	344186001	3/4/2014	Zn-65	6.20E+00	1.42E+01	4.90E+01	U
FH	03	344186001	3/4/2014	Zr-95	-1.51E+01	1.25E+01	3.55E+01	U
FH	06	356387001	9/8/2014	Ac-228	-1.42E+01	1.28E+01	3.82E+01	U
FH	06	356387001	9/8/2014	Ag-108m	5.36E-01	2.09E+00	6.80E+00	U
FH	06	356387001	9/8/2014	Ag-110m	-6.00E+00	3.90E+00	1.03E+01	U
FH	06	356387001	9/8/2014	Ba-140	8.30E-01	2.43E+00	8.43E+00	U
FH	06	356387001	9/8/2014	Be-7	-2.61E+01	2.05E+01	6.12E+01	U
FH	06	356387001	9/8/2014	Bi-214	3.45E+00	7.18E+00	1.96E+01	U
FH	06	356387001	9/8/2014	Ce-141	3.18E-01	3.41E+00	1.15E+01	U
FH	06	356387001	9/8/2014	Ce-144	1.55E+00	1.43E+01	4.83E+01	U
FH	06	356387001	9/8/2014	Co-57	-9.44E-02	1.70E+00	5.74E+00	U
FH	06	356387001	9/8/2014	Co-58	4.11E-01	2.30E+00	7.46E+00	U
FH	06	356387001	9/8/2014	Co-60	-3.29E-01	2.95E+00	9.71E+00	U
FH	06	356387001	9/8/2014	Cr-51	-1.79E+01	2.13E+01	6.51E+01	U
FH	06	356387001	9/8/2014	Cs-134	5.91E-01	3.03E+00	8.79E+00	U
FH	06	356387001	9/8/2014	Cs-137	6.67E+00	3.11E+00	8.51E+00	U
FH	06	356387001	9/8/2014	Fe-59	-2.36E+00	7.18E+00	1.91E+01	U
FH	06	356387001	9/8/2014	I-131	-4.07E-01	3.01E+00	9.68E+00	U
FH	06	356387001	9/8/2014	K-40	2.73E+03	1.75E+02	8.12E+01	
FH	06	356387001	9/8/2014	La-140	8.30E-01	2.43E+00	8.43E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	06	356387001	9/8/2014	Mn-54	3.59E+00	2.63E+00	8.99E+00	U
FH	06	356387001	9/8/2014	Nb-95	-1.66E+00	2.51E+00	7.21E+00	U
FH	06	356387001	9/8/2014	Pb-212	3.96E+00	5.34E+00	1.74E+01	U
FH	06	356387001	9/8/2014	Pb-214	7.78E+00	7.27E+00	1.91E+01	U
FH	06	356387001	9/8/2014	Ra-226	3.45E+00	7.18E+00	1.96E+01	U
FH	06	356387001	9/8/2014	Ru-103	-4.38E-02	2.38E+00	8.00E+00	U
FH	06	356387001	9/8/2014	Ru-106	-6.88E+00	2.07E+01	6.72E+01	U
FH	06	356387001	9/8/2014	Sb-124	-8.87E+00	5.80E+00	1.33E+01	U
FH	06	356387001	9/8/2014	Sb-125	-7.69E+00	6.75E+00	1.93E+01	U
FH	06	356387001	9/8/2014	Se-75	-2.47E+00	2.85E+00	8.77E+00	U
FH	06	356387001	9/8/2014	Th-228	3.96E+00	5.34E+00	1.74E+01	U
FH	06	356387001	9/8/2014	Th-230	3.45E+00	7.18E+00	1.96E+01	U
FH	06	356387001	9/8/2014	Tl-208	-1.17E+00	3.31E+00	9.61E+00	U
FH	06	356387001	9/8/2014	Zn-65	-1.69E+00	6.18E+00	1.94E+01	U
FH	06	356387001	9/8/2014	Zr-95	-8.31E-01	5.45E+00	1.53E+01	U
FH	03	349597001	5/19/2014	Ac-228	-1.68E+01	1.45E+01	4.51E+01	U
FH	03	349597001	5/19/2014	Ag-108m	1.32E+00	3.12E+00	9.10E+00	U
FH	03	349597001	5/19/2014	Ag-110m	1.10E+00	5.46E+00	1.78E+01	U
FH	03	349597001	5/19/2014	Ba-140	-2.29E+00	5.79E+00	1.78E+01	U
FH	03	349597001	5/19/2014	Be-7	-1.15E+01	2.81E+01	8.70E+01	U
FH	03	349597001	5/19/2014	Bi-214	7.41E+00	1.37E+01	2.66E+01	U
FH	03	349597001	5/19/2014	Ce-141	-2.63E+00	5.04E+00	1.58E+01	U
FH	03	349597001	5/19/2014	Ce-144	-2.23E+01	1.84E+01	4.69E+01	U
FH	03	349597001	5/19/2014	Co-57	5.21E+00	2.36E+00	7.38E+00	U
FH	03	349597001	5/19/2014	Co-58	-1.60E+00	3.92E+00	1.22E+01	U
FH	03	349597001	5/19/2014	Co-60	-7.16E+00	4.26E+00	1.00E+01	U
FH	03	349597001	5/19/2014	Cr-51	-3.45E+01	3.54E+01	1.08E+02	U
FH	03	349597001	5/19/2014	Cs-134	4.65E+00	4.18E+00	1.42E+01	U
FH	03	349597001	5/19/2014	Cs-137	2.87E-01	3.66E+00	1.22E+01	U
FH	03	349597001	5/19/2014	Fe-59	3.30E+00	1.11E+01	3.25E+01	U
FH	03	349597001	5/19/2014	I-131	-1.79E+00	1.10E+01	3.10E+01	U
FH	03	349597001	5/19/2014	K-40	3.30E+03	2.22E+02	1.05E+02	
FH	03	349597001	5/19/2014	La-140	-2.29E+00	5.79E+00	1.78E+01	U
FH	03	349597001	5/19/2014	Mn-54	5.61E+00	3.78E+00	1.28E+01	U
FH	03	349597001	5/19/2014	Nb-95	-8.63E-01	3.71E+00	1.11E+01	U
FH	03	349597001	5/19/2014	Pb-212	1.92E+00	6.31E+00	1.98E+01	U
FH	03	349597001	5/19/2014	Pb-214	4.09E-01	7.86E+00	2.42E+01	U
FH	03	349597001	5/19/2014	Ra-226	7.41E+00	1.37E+01	2.66E+01	U
FH	03	349597001	5/19/2014	Ru-103	-1.07E+00	3.26E+00	1.07E+01	U
FH	03	349597001	5/19/2014	Ru-106	1.16E+01	3.42E+01	1.06E+02	U
FH	03	349597001	5/19/2014	Sb-124	-7.21E-01	8.93E+00	2.93E+01	U
FH	03	349597001	5/19/2014	Sb-125	-9.82E+00	9.58E+00	2.81E+01	U
FH	03	349597001	5/19/2014	Se-75	8.27E+00	4.17E+00	1.37E+01	U
FH	03	349597001	5/19/2014	Th-228	1.92E+00	6.31E+00	1.98E+01	U
FH	03	349597001	5/19/2014	Th-230	7.41E+00	1.37E+01	2.66E+01	U
FH	03	349597001	5/19/2014	Tl-208	1.03E+01	4.61E+00	1.23E+01	U
FH	03	349597001	5/19/2014	Zn-65	-2.65E+00	9.46E+00	3.06E+01	U
FH	03	349597001	5/19/2014	Zr-95	2.16E+01	9.36E+00	2.27E+01	U
FH	03	355182001	8/19/2014	Ac-228	-2.36E+01	1.40E+01	3.78E+01	U
FH	03	355182001	8/19/2014	Ag-108m	1.83E+00	2.07E+00	7.13E+00	U
FH	03	355182001	8/19/2014	Ag-110m	-2.65E-01	3.69E+00	1.22E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	03	355182001	8/19/2014	Ba-140	6.22E+00	3.90E+00	1.43E+01	U
FH	03	355182001	8/19/2014	Be-7	2.62E+01	2.27E+01	7.73E+01	U
FH	03	355182001	8/19/2014	Bi-214	3.70E+00	5.89E+00	1.97E+01	U
FH	03	355182001	8/19/2014	Ce-141	-1.26E+00	3.12E+00	1.04E+01	U
FH	03	355182001	8/19/2014	Ce-144	-2.15E+01	1.57E+01	3.87E+01	U
FH	03	355182001	8/19/2014	Co-57	5.06E-01	1.42E+00	4.60E+00	U
FH	03	355182001	8/19/2014	Co-58	-2.11E+00	2.97E+00	9.31E+00	U
FH	03	355182001	8/19/2014	Co-60	-4.69E+00	3.55E+00	9.91E+00	U
FH	03	355182001	8/19/2014	Cr-51	1.45E+01	2.03E+01	6.71E+01	U
FH	03	355182001	8/19/2014	Cs-134	-9.32E-02	3.21E+00	1.07E+01	U
FH	03	355182001	8/19/2014	Cs-137	1.94E+00	2.67E+00	8.99E+00	U
FH	03	355182001	8/19/2014	Fe-59	4.62E+00	8.98E+00	2.60E+01	U
FH	03	355182001	8/19/2014	I-131	2.96E+00	3.62E+00	1.20E+01	U
FH	03	355182001	8/19/2014	K-40	3.11E+03	2.03E+02	7.40E+01	
FH	03	355182001	8/19/2014	La-140	6.22E+00	3.90E+00	1.43E+01	U
FH	03	355182001	8/19/2014	Mn-54	-1.83E+00	3.15E+00	8.43E+00	U
FH	03	355182001	8/19/2014	Nb-95	5.41E+00	3.71E+00	1.13E+01	U
FH	03	355182001	8/19/2014	Pb-212	6.51E+00	7.47E+00	1.27E+01	U
FH	03	355182001	8/19/2014	Pb-214	-3.28E+00	6.11E+00	1.89E+01	U
FH	03	355182001	8/19/2014	Ra-226	3.70E+00	5.89E+00	1.97E+01	U
FH	03	355182001	8/19/2014	Ru-103	2.63E+00	2.77E+00	8.70E+00	U
FH	03	355182001	8/19/2014	Ru-106	-1.19E+01	2.42E+01	7.60E+01	U
FH	03	355182001	8/19/2014	Sb-124	-6.51E+00	4.20E+00	7.16E+00	U
FH	03	355182001	8/19/2014	Sb-125	6.06E+00	5.84E+00	2.02E+01	U
FH	03	355182001	8/19/2014	Se-75	2.80E+00	2.95E+00	9.85E+00	U
FH	03	355182001	8/19/2014	Th-228	6.51E+00	7.47E+00	1.27E+01	U
FH	03	355182001	8/19/2014	Th-230	3.70E+00	5.89E+00	1.97E+01	U
FH	03	355182001	8/19/2014	Tl-208	2.48E-01	2.81E+00	9.01E+00	U
FH	03	355182001	8/19/2014	Zn-65	-7.90E+00	8.08E+00	2.39E+01	U
FH	03	355182001	8/19/2014	Zr-95	-7.64E+00	4.96E+00	1.37E+01	U
FH	03	362207001	11/25/2014	Ac-228	-3.93E+01	1.85E+01	3.95E+01	U
FH	03	362207001	11/25/2014	Ag-108m	-1.68E+00	2.43E+00	6.50E+00	U
FH	03	362207001	11/25/2014	Ag-110m	-2.40E+00	4.45E+00	1.42E+01	U
FH	03	362207001	11/25/2014	Ba-140	-9.96E-01	7.31E+00	2.39E+01	U
FH	03	362207001	11/25/2014	Be-7	2.84E+01	2.90E+01	8.90E+01	U
FH	03	362207001	11/25/2014	Bi-214	1.76E+01	1.23E+01	2.55E+01	U
FH	03	362207001	11/25/2014	Ce-141	1.51E+00	5.26E+00	1.78E+01	U
FH	03	362207001	11/25/2014	Ce-144	4.44E+00	1.77E+01	6.00E+01	U
FH	03	362207001	11/25/2014	Co-57	1.64E+00	2.18E+00	7.46E+00	U
FH	03	362207001	11/25/2014	Co-58	7.96E+00	2.75E+00	9.13E+00	U
FH	03	362207001	11/25/2014	Co-60	-6.10E+00	4.00E+00	1.00E+01	U
FH	03	362207001	11/25/2014	Cr-51	2.92E+01	3.47E+01	1.02E+02	U
FH	03	362207001	11/25/2014	Cs-134	2.73E-01	3.76E+00	1.22E+01	U
FH	03	362207001	11/25/2014	Cs-137	1.35E-01	3.67E+00	1.20E+01	U
FH	03	362207001	11/25/2014	Fe-59	-1.11E+01	8.95E+00	2.52E+01	U
FH	03	362207001	11/25/2014	I-131	-3.88E-01	9.47E+00	3.03E+01	U
FH	03	362207001	11/25/2014	K-40	2.12E+03	1.65E+02	6.15E+01	
FH	03	362207001	11/25/2014	La-140	-9.96E-01	7.31E+00	2.39E+01	U
FH	03	362207001	11/25/2014	Mn-54	4.75E+00	3.43E+00	1.11E+01	U
FH	03	362207001	11/25/2014	Nb-95	4.09E-01	3.40E+00	1.11E+01	U
FH	03	362207001	11/25/2014	Pb-212	1.41E+01	9.79E+00	1.59E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	03	362207001	11/25/2014	Pb-214	1.18E+01	7.25E+00	2.35E+01	U
FH	03	362207001	11/25/2014	Ra-226	1.76E+01	1.23E+01	2.55E+01	U
FH	03	362207001	11/25/2014	Ru-103	-1.86E+00	3.41E+00	1.09E+01	U
FH	03	362207001	11/25/2014	Ru-106	1.61E+01	3.10E+01	1.04E+02	U
FH	03	362207001	11/25/2014	Sb-124	7.79E+00	7.06E+00	2.60E+01	U
FH	03	362207001	11/25/2014	Sb-125	-3.26E+00	9.64E+00	2.73E+01	U
FH	03	362207001	11/25/2014	Se-75	5.98E+00	4.86E+00	1.28E+01	U
FH	03	362207001	11/25/2014	Th-228	1.41E+01	9.79E+00	1.59E+01	U
FH	03	362207001	11/25/2014	Th-230	1.76E+01	1.23E+01	2.55E+01	U
FH	03	362207001	11/25/2014	Tl-208	-4.03E+00	3.74E+00	1.15E+01	U
FH	03	362207001	11/25/2014	Zn-65	1.55E+01	9.58E+00	3.21E+01	U
FH	03	362207001	11/25/2014	Zr-95	4.55E+00	5.82E+00	1.97E+01	U
FH	53	349597002	5/21/2014	Ac-228	-8.39E-01	1.49E+01	4.88E+01	U
FH	53	349597002	5/21/2014	Ag-108m	-3.16E+00	2.72E+00	8.09E+00	U
FH	53	349597002	5/21/2014	Ag-110m	-3.23E+00	4.17E+00	1.30E+01	U
FH	53	349597002	5/21/2014	Ba-140	5.51E+00	6.09E+00	2.15E+01	U
FH	53	349597002	5/21/2014	Be-7	4.61E+01	2.98E+01	9.90E+01	U
FH	53	349597002	5/21/2014	Bi-214	1.03E+01	7.68E+00	2.48E+01	U
FH	53	349597002	5/21/2014	Ce-141	-1.02E+01	6.36E+00	1.75E+01	U
FH	53	349597002	5/21/2014	Ce-144	-2.82E+01	1.90E+01	5.40E+01	U
FH	53	349597002	5/21/2014	Co-57	1.67E+00	3.36E+00	7.77E+00	U
FH	53	349597002	5/21/2014	Co-58	-2.63E-01	3.28E+00	1.01E+01	U
FH	53	349597002	5/21/2014	Co-60	1.18E+00	3.22E+00	1.09E+01	U
FH	53	349597002	5/21/2014	Cr-51	9.88E+00	3.15E+01	1.06E+02	U
FH	53	349597002	5/21/2014	Cs-134	-1.65E+00	3.46E+00	1.07E+01	U
FH	53	349597002	5/21/2014	Cs-137	1.56E+00	3.43E+00	1.14E+01	U
FH	53	349597002	5/21/2014	Fe-59	1.18E+00	7.87E+00	2.65E+01	U
FH	53	349597002	5/21/2014	I-131	1.94E+00	7.47E+00	2.51E+01	U
FH	53	349597002	5/21/2014	K-40	3.47E+03	2.19E+02	1.01E+02	
FH	53	349597002	5/21/2014	La-140	5.51E+00	6.09E+00	2.15E+01	U
FH	53	349597002	5/21/2014	Mn-54	3.52E-01	3.18E+00	8.93E+00	U
FH	53	349597002	5/21/2014	Nb-95	8.11E+00	4.70E+00	9.65E+00	U
FH	53	349597002	5/21/2014	Pb-212	9.04E+00	8.95E+00	2.07E+01	U
FH	53	349597002	5/21/2014	Pb-214	1.83E+01	8.38E+00	2.48E+01	U
FH	53	349597002	5/21/2014	Ra-226	1.03E+01	7.68E+00	2.48E+01	U
FH	53	349597002	5/21/2014	Ru-103	8.45E+00	3.84E+00	1.22E+01	U
FH	53	349597002	5/21/2014	Ru-106	2.57E+01	3.07E+01	9.12E+01	U
FH	53	349597002	5/21/2014	Sb-124	-8.48E-01	4.90E+00	1.54E+01	U
FH	53	349597002	5/21/2014	Sb-125	1.35E+01	8.36E+00	2.77E+01	U
FH	53	349597002	5/21/2014	Se-75	-5.92E+00	4.09E+00	1.21E+01	U
FH	53	349597002	5/21/2014	Th-228	9.04E+00	8.95E+00	2.07E+01	U
FH	53	349597002	5/21/2014	Th-230	1.03E+01	7.68E+00	2.48E+01	U
FH	53	349597002	5/21/2014	Tl-208	-3.68E+00	3.71E+00	1.10E+01	U
FH	53	349597002	5/21/2014	Zn-65	-1.45E+01	8.52E+00	2.26E+01	U
FH	53	349597002	5/21/2014	Zr-95	8.77E+00	6.83E+00	1.93E+01	U
FH	53	355182002	8/19/2014	Ac-228	-1.22E+01	1.21E+01	3.50E+01	U
FH	53	355182002	8/19/2014	Ag-108m	2.86E+00	1.97E+00	6.71E+00	U
FH	53	355182002	8/19/2014	Ag-110m	1.18E+00	3.36E+00	1.11E+01	U
FH	53	355182002	8/19/2014	Ba-140	9.80E-01	2.64E+00	9.25E+00	U
FH	53	355182002	8/19/2014	Be-7	-2.48E+01	2.01E+01	6.03E+01	U
FH	53	355182002	8/19/2014	Bi-214	0.00E+00	1.13E+01	1.72E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	53	355182002	8/19/2014	Ce-141	8.46E-01	4.22E+00	1.25E+01	U
FH	53	355182002	8/19/2014	Ce-144	-6.30E-01	1.21E+01	4.11E+01	U
FH	53	355182002	8/19/2014	Co-57	-4.20E+00	2.04E+00	5.11E+00	U
FH	53	355182002	8/19/2014	Co-58	1.74E-02	2.84E+00	8.60E+00	U
FH	53	355182002	8/19/2014	Co-60	-7.98E-02	3.57E+00	9.51E+00	U
FH	53	355182002	8/19/2014	Cr-51	-9.88E+00	1.95E+01	6.15E+01	U
FH	53	355182002	8/19/2014	Cs-134	-9.71E-01	2.61E+00	8.23E+00	U
FH	53	355182002	8/19/2014	Cs-137	1.24E+00	3.61E+00	1.01E+01	U
FH	53	355182002	8/19/2014	Fe-59	-2.75E+00	6.10E+00	1.96E+01	U
FH	53	355182002	8/19/2014	I-131	0.00E+00	6.02E+00	1.12E+01	U
FH	53	355182002	8/19/2014	K-40	3.83E+03	2.18E+02	6.92E+01	
FH	53	355182002	8/19/2014	La-140	9.80E-01	2.64E+00	9.25E+00	U
FH	53	355182002	8/19/2014	Mn-54	1.31E+00	2.43E+00	8.08E+00	U
FH	53	355182002	8/19/2014	Nb-95	1.14E+00	2.57E+00	8.56E+00	U
FH	53	355182002	8/19/2014	Pb-212	3.75E+00	1.14E+01	1.42E+01	U
FH	53	355182002	8/19/2014	Pb-214	5.53E+00	7.04E+00	1.87E+01	U
FH	53	355182002	8/19/2014	Ra-226	0.00E+00	1.13E+01	1.72E+01	U
FH	53	355182002	8/19/2014	Ru-103	1.13E+00	2.19E+00	6.62E+00	U
FH	53	355182002	8/19/2014	Ru-106	1.81E+01	1.97E+01	6.73E+01	U
FH	53	355182002	8/19/2014	Sb-124	-6.46E-02	5.75E+00	1.92E+01	U
FH	53	355182002	8/19/2014	Sb-125	-6.39E+00	5.68E+00	1.62E+01	U
FH	53	355182002	8/19/2014	Se-75	9.68E-01	2.74E+00	9.13E+00	U
FH	53	355182002	8/19/2014	Th-228	3.75E+00	1.14E+01	1.42E+01	U
FH	53	355182002	8/19/2014	Th-230	0.00E+00	1.13E+01	1.72E+01	U
FH	53	355182002	8/19/2014	Tl-208	-1.78E+00	2.59E+00	8.10E+00	U
FH	53	355182002	8/19/2014	Zn-65	-4.75E+00	6.37E+00	1.98E+01	U
FH	53	355182002	8/19/2014	Zr-95	-2.52E+00	4.47E+00	1.39E+01	U
FH	53	363350001	12/2/2014	Ac-228	9.69E+00	1.52E+01	5.01E+01	U
FH	53	363350001	12/2/2014	Ag-108m	3.18E+00	3.14E+00	1.10E+01	U
FH	53	363350001	12/2/2014	Ag-110m	-6.00E+00	5.58E+00	1.61E+01	U
FH	53	363350001	12/2/2014	Ba-140	-4.16E+00	1.22E+01	3.96E+01	U
FH	53	363350001	12/2/2014	Be-7	0.00E+00	3.92E+01	8.76E+01	U
FH	53	363350001	12/2/2014	Bi-214	4.97E+00	1.20E+01	3.01E+01	U
FH	53	363350001	12/2/2014	Ce-141	-2.40E+00	6.43E+00	1.76E+01	U
FH	53	363350001	12/2/2014	Ce-144	-6.59E+00	1.66E+01	5.19E+01	U
FH	53	363350001	12/2/2014	Co-57	-2.09E-01	1.93E+00	6.20E+00	U
FH	53	363350001	12/2/2014	Co-58	-3.96E+00	3.36E+00	8.46E+00	U
FH	53	363350001	12/2/2014	Co-60	-2.85E-01	4.31E+00	1.43E+01	U
FH	53	363350001	12/2/2014	Cr-51	4.37E+01	3.97E+01	1.35E+02	U
FH	53	363350001	12/2/2014	Cs-134	4.00E+00	4.03E+00	1.39E+01	U
FH	53	363350001	12/2/2014	Cs-137	3.95E+00	4.47E+00	1.53E+01	U
FH	53	363350001	12/2/2014	Fe-59	1.68E+01	1.37E+01	4.72E+01	U
FH	53	363350001	12/2/2014	I-131	-1.55E+01	1.80E+01	5.32E+01	U
FH	53	363350001	12/2/2014	K-40	3.04E+03	2.25E+02	4.72E+01	
FH	53	363350001	12/2/2014	La-140	-4.16E+00	1.22E+01	3.96E+01	U
FH	53	363350001	12/2/2014	Mn-54	-4.51E+00	4.18E+00	1.23E+01	U
FH	53	363350001	12/2/2014	Nb-95	3.69E+00	4.95E+00	1.66E+01	U
FH	53	363350001	12/2/2014	Pb-212	4.54E+00	6.38E+00	1.89E+01	U
FH	53	363350001	12/2/2014	Pb-214	1.02E+01	7.17E+00	2.40E+01	U
FH	53	363350001	12/2/2014	Ra-226	4.97E+00	1.20E+01	3.01E+01	U
FH	53	363350001	12/2/2014	Ru-103	-1.77E+00	4.42E+00	1.22E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	53	363350001	12/2/2014	Ru-106	-1.95E+00	3.26E+01	9.20E+01	U
FH	53	363350001	12/2/2014	Sb-124	8.24E+00	9.96E+00	3.65E+01	U
FH	53	363350001	12/2/2014	Sb-125	-4.87E+00	8.83E+00	2.67E+01	U
FH	53	363350001	12/2/2014	Se-75	2.44E+00	4.50E+00	1.52E+01	U
FH	53	363350001	12/2/2014	Th-228	4.54E+00	6.38E+00	1.89E+01	U
FH	53	363350001	12/2/2014	Th-230	4.97E+00	1.20E+01	3.01E+01	U
FH	53	363350001	12/2/2014	Tl-208	-3.94E+00	3.89E+00	1.19E+01	U
FH	53	363350001	12/2/2014	Zn-65	-1.14E+00	9.70E+00	3.14E+01	U
FH	53	363350001	12/2/2014	Zr-95	4.86E-01	6.44E+00	2.10E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
HA	04	349600001	5/21/2014	Ac-228	3.41E+01	4.71E+01	1.38E+02	U
HA	04	349600001	5/21/2014	Ag-108m	1.34E+01	7.36E+00	2.45E+01	U
HA	04	349600001	5/21/2014	Ag-110m	1.67E+00	1.44E+01	4.83E+01	U
HA	04	349600001	5/21/2014	Ba-140	8.90E+00	1.98E+01	6.86E+01	U
HA	04	349600001	5/21/2014	Be-7	-8.06E+01	8.13E+01	2.44E+02	U
HA	04	349600001	5/21/2014	Bi-214	8.47E+00	2.16E+01	7.13E+01	U
HA	04	349600001	5/21/2014	Ce-141	3.52E+00	1.26E+01	4.14E+01	U
HA	04	349600001	5/21/2014	Ce-144	3.74E+01	3.91E+01	1.29E+02	U
HA	04	349600001	5/21/2014	Co-57	1.01E+01	5.53E+00	1.76E+01	U
HA	04	349600001	5/21/2014	Co-58	5.53E+00	8.73E+00	3.03E+01	U
HA	04	349600001	5/21/2014	Co-60	1.43E-01	9.23E+00	2.98E+01	U
HA	04	349600001	5/21/2014	Cr-51	-2.04E+01	7.86E+01	2.60E+02	U
HA	04	349600001	5/21/2014	Cs-134	7.27E+00	1.19E+01	3.63E+01	U
HA	04	349600001	5/21/2014	Cs-137	-2.67E+00	1.03E+01	2.89E+01	U
HA	04	349600001	5/21/2014	Fe-59	-2.83E+00	2.29E+01	7.42E+01	U
HA	04	349600001	5/21/2014	I-131	-2.80E+01	2.17E+01	6.38E+01	U
HA	04	349600001	5/21/2014	K-40	1.78E+03	2.64E+02	2.32E+02	
HA	04	349600001	5/21/2014	La-140	8.90E+00	1.98E+01	6.86E+01	U
HA	04	349600001	5/21/2014	Mn-54	-6.16E+00	9.04E+00	2.83E+01	U
HA	04	349600001	5/21/2014	Nb-95	1.03E+01	9.66E+00	3.37E+01	U
HA	04	349600001	5/21/2014	Pb-212	-1.32E+01	1.76E+01	5.78E+01	U
HA	04	349600001	5/21/2014	Pb-214	-2.39E+01	1.98E+01	5.93E+01	U
HA	04	349600001	5/21/2014	Ra-226	8.47E+00	2.16E+01	7.13E+01	U
HA	04	349600001	5/21/2014	Ru-103	-1.06E+01	9.48E+00	2.76E+01	U
HA	04	349600001	5/21/2014	Ru-106	-9.58E+00	8.20E+01	2.62E+02	U
HA	04	349600001	5/21/2014	Sb-124	-1.62E+01	1.88E+01	5.25E+01	U
HA	04	349600001	5/21/2014	Sb-125	2.28E+01	2.15E+01	7.29E+01	U
HA	04	349600001	5/21/2014	Se-75	8.99E+00	1.03E+01	3.52E+01	U
HA	04	349600001	5/21/2014	Th-228	-1.32E+01	1.76E+01	5.78E+01	U
HA	04	349600001	5/21/2014	Th-230	8.47E+00	2.16E+01	7.13E+01	U
HA	04	349600001	5/21/2014	Tl-208	1.17E+01	1.44E+01	2.80E+01	U
HA	04	349600001	5/21/2014	Zn-65	-1.53E+01	2.32E+01	7.10E+01	U
HA	04	349600001	5/21/2014	Zr-95	-2.07E+01	1.77E+01	5.22E+01	U
HA	04	362204001	11/23/2014	Ac-228	3.99E+00	1.69E+01	5.68E+01	U
HA	04	362204001	11/23/2014	Ag-108m	-3.09E+00	3.39E+00	8.91E+00	U
HA	04	362204001	11/23/2014	Ag-110m	-5.74E+00	5.40E+00	1.61E+01	U
HA	04	362204001	11/23/2014	Ba-140	1.88E+01	8.38E+00	3.17E+01	U
HA	04	362204001	11/23/2014	Be-7	5.56E+01	3.66E+01	1.24E+02	U
HA	04	362204001	11/23/2014	Bi-214	1.14E+01	8.93E+00	2.57E+01	U
HA	04	362204001	11/23/2014	Ce-141	1.38E+01	9.36E+00	2.21E+01	U
HA	04	362204001	11/23/2014	Ce-144	2.78E+01	2.21E+01	7.40E+01	U
HA	04	362204001	11/23/2014	Co-57	-1.32E+00	2.61E+00	8.61E+00	U
HA	04	362204001	11/23/2014	Co-58	2.94E+00	3.67E+00	1.25E+01	U
HA	04	362204001	11/23/2014	Co-60	-1.12E+00	4.61E+00	1.53E+01	U
HA	04	362204001	11/23/2014	Cr-51	5.41E+00	4.38E+01	1.42E+02	U
HA	04	362204001	11/23/2014	Cs-134	4.21E+00	4.11E+00	1.39E+01	U
HA	04	362204001	11/23/2014	Cs-137	4.11E-01	3.84E+00	1.26E+01	U
HA	04	362204001	11/23/2014	Fe-59	2.68E+01	2.53E+01	3.76E+01	U
HA	04	362204001	11/23/2014	I-131	5.41E+00	1.26E+01	4.14E+01	U
HA	04	362204001	11/23/2014	K-40	2.44E+03	1.86E+02	1.31E+02	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
HA	04	362204001	11/23/2014	La-140	1.88E+01	8.38E+00	3.17E+01	U
HA	04	362204001	11/23/2014	Mn-54	6.19E+00	3.84E+00	1.30E+01	U
HA	04	362204001	11/23/2014	Nb-95	0.00E+00	4.09E+00	1.07E+01	U
HA	04	362204001	11/23/2014	Pb-212	8.91E-01	6.54E+00	2.07E+01	U
HA	04	362204001	11/23/2014	Pb-214	8.66E+00	8.41E+00	2.80E+01	U
HA	04	362204001	11/23/2014	Ra-226	1.14E+01	8.93E+00	2.57E+01	U
HA	04	362204001	11/23/2014	Ru-103	2.16E+00	4.04E+00	1.38E+01	U
HA	04	362204001	11/23/2014	Ru-106	3.57E+01	3.05E+01	9.80E+01	U
HA	04	362204001	11/23/2014	Sb-124	6.07E-01	8.60E+00	2.89E+01	U
HA	04	362204001	11/23/2014	Sb-125	2.48E+01	1.42E+01	3.13E+01	U
HA	04	362204001	11/23/2014	Se-75	-1.63E+00	4.69E+00	1.50E+01	U
HA	04	362204001	11/23/2014	Th-228	8.91E-01	6.54E+00	2.07E+01	U
HA	04	362204001	11/23/2014	Th-230	1.14E+01	8.93E+00	2.57E+01	U
HA	04	362204001	11/23/2014	Tl-208	9.50E-01	3.71E+00	8.85E+00	U
HA	04	362204001	11/23/2014	Zn-65	-9.28E+00	1.10E+01	2.77E+01	U
HA	04	362204001	11/23/2014	Zr-95	5.70E+00	7.06E+00	2.22E+01	U
HA	54	349600002	5/21/2014	Ac-228	-7.05E+00	1.00E+01	2.94E+01	U
HA	54	349600002	5/21/2014	Ag-108m	0.00E+00	3.12E+00	6.82E+00	U
HA	54	349600002	5/21/2014	Ag-110m	2.44E+00	3.44E+00	1.16E+01	U
HA	54	349600002	5/21/2014	Ba-140	-1.06E+00	4.58E+00	1.46E+01	U
HA	54	349600002	5/21/2014	Be-7	3.84E+01	2.37E+01	8.03E+01	U
HA	54	349600002	5/21/2014	Bi-214	0.00E+00	1.31E+01	2.08E+01	U
HA	54	349600002	5/21/2014	Ce-141	3.09E+00	3.89E+00	1.32E+01	U
HA	54	349600002	5/21/2014	Ce-144	-1.34E+01	1.48E+01	4.12E+01	U
HA	54	349600002	5/21/2014	Co-57	3.16E-01	1.63E+00	5.53E+00	U
HA	54	349600002	5/21/2014	Co-58	2.53E+00	3.01E+00	9.42E+00	U
HA	54	349600002	5/21/2014	Co-60	3.23E+00	2.65E+00	9.23E+00	U
HA	54	349600002	5/21/2014	Cr-51	4.18E+01	2.38E+01	7.77E+01	U
HA	54	349600002	5/21/2014	Cs-134	-2.63E+00	2.91E+00	7.70E+00	U
HA	54	349600002	5/21/2014	Cs-137	6.12E+00	3.45E+00	6.94E+00	U
HA	54	349600002	5/21/2014	Fe-59	-3.83E+00	8.99E+00	2.38E+01	U
HA	54	349600002	5/21/2014	I-131	-7.09E+00	5.72E+00	1.62E+01	U
HA	54	349600002	5/21/2014	K-40	2.85E+03	1.76E+02	5.06E+01	
HA	54	349600002	5/21/2014	La-140	-1.06E+00	4.58E+00	1.46E+01	U
HA	54	349600002	5/21/2014	Mn-54	-9.17E-01	2.69E+00	8.60E+00	U
HA	54	349600002	5/21/2014	Nb-95	2.80E-01	2.61E+00	8.67E+00	U
HA	54	349600002	5/21/2014	Pb-212	2.47E+00	5.53E+00	1.42E+01	U
HA	54	349600002	5/21/2014	Pb-214	1.01E+01	7.90E+00	1.74E+01	U
HA	54	349600002	5/21/2014	Ra-226	0.00E+00	1.31E+01	2.08E+01	U
HA	54	349600002	5/21/2014	Ru-103	5.64E+00	2.88E+00	7.68E+00	U
HA	54	349600002	5/21/2014	Ru-106	-2.32E+00	2.26E+01	7.30E+01	U
HA	54	349600002	5/21/2014	Sb-124	4.98E+00	5.75E+00	2.04E+01	U
HA	54	349600002	5/21/2014	Sb-125	-7.29E+00	6.53E+00	1.57E+01	U
HA	54	349600002	5/21/2014	Se-75	9.51E-01	3.04E+00	8.91E+00	U
HA	54	349600002	5/21/2014	Th-228	2.47E+00	5.53E+00	1.42E+01	U
HA	54	349600002	5/21/2014	Th-230	0.00E+00	1.31E+01	2.08E+01	U
HA	54	349600002	5/21/2014	Tl-208	-4.50E+00	3.02E+00	8.81E+00	U
HA	54	349600002	5/21/2014	Zn-65	2.30E+00	7.81E+00	2.22E+01	U
HA	54	349600002	5/21/2014	Zr-95	8.04E+00	4.17E+00	1.43E+01	U
HA	54	362204002	11/21/2014	Ac-228	-1.69E+01	1.20E+01	3.55E+01	U
HA	54	362204002	11/21/2014	Ag-108m	-2.37E+00	1.95E+00	5.41E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
HA	54	362204002	11/21/2014	Ag-110m	-1.08E+00	3.50E+00	9.39E+00	U
HA	54	362204002	11/21/2014	Ba-140	-3.71E+00	6.16E+00	1.81E+01	U
HA	54	362204002	11/21/2014	Be-7	2.36E+01	2.36E+01	8.17E+01	U
HA	54	362204002	11/21/2014	Bi-214	5.22E+00	6.35E+00	2.13E+01	U
HA	54	362204002	11/21/2014	Ce-141	5.77E+00	6.98E+00	1.50E+01	U
HA	54	362204002	11/21/2014	Ce-144	3.64E-01	1.58E+01	4.71E+01	U
HA	54	362204002	11/21/2014	Co-57	3.97E+00	2.20E+00	7.14E+00	U
HA	54	362204002	11/21/2014	Co-58	-2.50E+00	2.89E+00	8.61E+00	U
HA	54	362204002	11/21/2014	Co-60	2.13E-01	3.02E+00	9.36E+00	U
HA	54	362204002	11/21/2014	Cr-51	4.31E+00	2.75E+01	9.03E+01	U
HA	54	362204002	11/21/2014	Cs-134	-2.31E-01	3.20E+00	1.04E+01	U
HA	54	362204002	11/21/2014	Cs-137	4.28E+00	2.58E+00	8.85E+00	U
HA	54	362204002	11/21/2014	Fe-59	1.20E+01	7.35E+00	2.54E+01	U
HA	54	362204002	11/21/2014	I-131	-1.22E+01	1.10E+01	3.22E+01	U
HA	54	362204002	11/21/2014	K-40	2.48E+03	1.80E+02	7.73E+01	
HA	54	362204002	11/21/2014	La-140	-3.71E+00	6.16E+00	1.81E+01	U
HA	54	362204002	11/21/2014	Mn-54	9.30E-01	2.43E+00	8.16E+00	U
HA	54	362204002	11/21/2014	Nb-95	3.35E+00	3.42E+00	1.05E+01	U
HA	54	362204002	11/21/2014	Pb-212	1.97E-01	4.66E+00	1.55E+01	U
HA	54	362204002	11/21/2014	Pb-214	1.25E+01	6.72E+00	1.86E+01	U
HA	54	362204002	11/21/2014	Ra-226	5.22E+00	6.35E+00	2.13E+01	U
HA	54	362204002	11/21/2014	Ru-103	-7.77E-01	2.96E+00	9.80E+00	U
HA	54	362204002	11/21/2014	Ru-106	-2.88E+01	2.40E+01	7.05E+01	U
HA	54	362204002	11/21/2014	Sb-124	-2.24E+00	6.78E+00	2.18E+01	U
HA	54	362204002	11/21/2014	Sb-125	2.17E+00	6.36E+00	2.08E+01	U
HA	54	362204002	11/21/2014	Se-75	-4.11E+00	3.84E+00	9.91E+00	U
HA	54	362204002	11/21/2014	Th-228	1.97E-01	4.66E+00	1.55E+01	U
HA	54	362204002	11/21/2014	Th-230	5.22E+00	6.35E+00	2.13E+01	U
HA	54	362204002	11/21/2014	Tl-208	-2.79E+00	3.41E+00	9.79E+00	U
HA	54	362204002	11/21/2014	Zn-65	-3.07E-01	7.39E+00	2.48E+01	U
HA	54	362204002	11/21/2014	Zr-95	4.48E-02	4.67E+00	1.54E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MS	06	349595004	5/21/2014	Sr-89	5.51E+00	4.43E+01	6.74E+01	U
MS	06	349595004	5/21/2014	Sr-90	1.34E+01	4.61E+01	1.50E+02	U
MS	06	362202003	11/21/2014	Sr-89	-8.04E+01	6.62E+01	1.67E+02	U
MS	06	362202003	11/21/2014	Sr-90	6.82E+01	4.68E+01	1.41E+02	U
MS	56	349595005	5/21/2014	Sr-89	-1.86E+02	4.85E+01	1.07E+02	U
MS	56	349595005	5/21/2014	Sr-90	5.57E+01	5.10E+01	1.59E+02	U
MS	56	363349002	12/15/2014	Sr-89	-8.04E+01	9.43E+01	1.77E+02	U
MS	56	363349002	12/15/2014	Sr-90	1.26E+01	9.14E+01	2.98E+02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	06	349595001	5/27/2014	Ac-228	3.11E+01	1.61E+01	4.60E+01	U
MU	06	349595001	5/27/2014	Ag-108m	-2.57E+00	2.59E+00	8.01E+00	U
MU	06	349595001	5/27/2014	Ag-110m	-4.41E+00	3.95E+00	1.15E+01	U
MU	06	349595001	5/27/2014	Ba-140	3.57E-02	4.47E+00	1.47E+01	U
MU	06	349595001	5/27/2014	Be-7	8.24E+00	2.55E+01	8.13E+01	U
MU	06	349595001	5/27/2014	Bi-214	5.64E+00	7.77E+00	2.08E+01	U
MU	06	349595001	5/27/2014	Ce-141	7.58E-01	4.51E+00	1.24E+01	U
MU	06	349595001	5/27/2014	Ce-144	-8.49E+00	1.50E+01	4.60E+01	U
MU	06	349595001	5/27/2014	Co-57	-1.81E+00	2.03E+00	6.09E+00	U
MU	06	349595001	5/27/2014	Co-58	-2.71E+00	2.57E+00	7.37E+00	U
MU	06	349595001	5/27/2014	Co-60	1.00E+00	2.82E+00	9.80E+00	U
MU	06	349595001	5/27/2014	Cr-51	-2.60E+01	2.36E+01	6.92E+01	U
MU	06	349595001	5/27/2014	Cs-134	2.74E-01	2.88E+00	9.49E+00	U
MU	06	349595001	5/27/2014	Cs-137	2.41E+00	3.35E+00	1.12E+01	U
MU	06	349595001	5/27/2014	Fe-59	-2.64E+00	5.90E+00	1.84E+01	U
MU	06	349595001	5/27/2014	I-131	-4.23E+00	4.48E+00	1.32E+01	U
MU	06	349595001	5/27/2014	K-40	1.19E+03	1.10E+02	8.78E+01	
MU	06	349595001	5/27/2014	La-140	3.57E-02	4.47E+00	1.47E+01	U
MU	06	349595001	5/27/2014	Mn-54	-1.12E+00	2.94E+00	8.88E+00	U
MU	06	349595001	5/27/2014	Nb-95	-1.29E+00	2.74E+00	8.86E+00	U
MU	06	349595001	5/27/2014	Pb-212	1.17E+01	7.97E+00	1.90E+01	U
MU	06	349595001	5/27/2014	Pb-214	3.68E+00	1.07E+01	2.28E+01	U
MU	06	349595001	5/27/2014	Ra-226	5.64E+00	7.77E+00	2.08E+01	U
MU	06	349595001	5/27/2014	Ru-103	1.20E+00	2.71E+00	9.18E+00	U
MU	06	349595001	5/27/2014	Ru-106	1.89E+01	2.82E+01	8.34E+01	U
MU	06	349595001	5/27/2014	Sb-124	-1.88E+01	8.39E+00	1.45E+01	U
MU	06	349595001	5/27/2014	Sb-125	7.75E+00	7.19E+00	2.47E+01	U
MU	06	349595001	5/27/2014	Se-75	-7.05E-01	3.54E+00	1.15E+01	U
MU	06	349595001	5/27/2014	Th-228	1.17E+01	7.97E+00	1.90E+01	U
MU	06	349595001	5/27/2014	Th-230	5.64E+00	7.77E+00	2.08E+01	U
MU	06	349595001	5/27/2014	Tl-208	3.63E+00	5.07E+00	9.12E+00	U
MU	06	349595001	5/27/2014	Zn-65	1.93E+01	9.32E+00	2.35E+01	U
MU	06	349595001	5/27/2014	Zr-95	-1.75E+00	5.16E+00	1.53E+01	U
MU	06	362202001	11/21/2014	Ac-228	-1.61E+00	1.19E+01	3.78E+01	U
MU	06	362202001	11/21/2014	Ag-108m	2.24E+00	4.49E+00	9.33E+00	U
MU	06	362202001	11/21/2014	Ag-110m	7.40E+00	4.48E+00	1.53E+01	U
MU	06	362202001	11/21/2014	Ba-140	-2.17E+00	1.10E+01	3.60E+01	U
MU	06	362202001	11/21/2014	Be-7	3.43E+00	3.14E+01	1.05E+02	U
MU	06	362202001	11/21/2014	Bi-214	1.26E+01	8.05E+00	2.30E+01	U
MU	06	362202001	11/21/2014	Ce-141	-8.71E-01	7.78E+00	2.33E+01	U
MU	06	362202001	11/21/2014	Ce-144	1.77E+01	1.87E+01	6.01E+01	U
MU	06	362202001	11/21/2014	Co-57	-2.22E+00	2.39E+00	7.21E+00	U
MU	06	362202001	11/21/2014	Co-58	2.88E+00	3.47E+00	1.20E+01	U
MU	06	362202001	11/21/2014	Co-60	8.94E-01	2.58E+00	8.68E+00	U
MU	06	362202001	11/21/2014	Cr-51	-8.28E+01	4.67E+01	1.33E+02	U
MU	06	362202001	11/21/2014	Cs-134	-2.39E+00	2.97E+00	9.28E+00	U
MU	06	362202001	11/21/2014	Cs-137	6.89E-01	3.31E+00	1.09E+01	U
MU	06	362202001	11/21/2014	Fe-59	2.22E+00	8.01E+00	2.69E+01	U
MU	06	362202001	11/21/2014	I-131	4.35E+01	2.94E+01	9.83E+01	U
MU	06	362202001	11/21/2014	K-40	1.03E+03	9.77E+01	9.57E+01	
MU	06	362202001	11/21/2014	La-140	-2.17E+00	1.10E+01	3.60E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	06	362202001	11/21/2014	Mn-54	1.06E+00	3.31E+00	1.13E+01	U
MU	06	362202001	11/21/2014	Nb-95	2.89E+00	4.32E+00	1.41E+01	U
MU	06	362202001	11/21/2014	Pb-212	-2.15E+00	5.63E+00	1.73E+01	U
MU	06	362202001	11/21/2014	Pb-214	9.73E+00	7.82E+00	2.54E+01	U
MU	06	362202001	11/21/2014	Ra-226	1.26E+01	8.05E+00	2.30E+01	U
MU	06	362202001	11/21/2014	Ru-103	7.76E+00	5.23E+00	1.55E+01	U
MU	06	362202001	11/21/2014	Ru-106	-3.54E+01	2.75E+01	7.82E+01	U
MU	06	362202001	11/21/2014	Sb-124	6.74E+00	7.24E+00	2.62E+01	U
MU	06	362202001	11/21/2014	Sb-125	-9.45E+00	9.27E+00	2.42E+01	U
MU	06	362202001	11/21/2014	Se-75	-4.12E+00	4.17E+00	1.25E+01	U
MU	06	362202001	11/21/2014	Th-228	-2.15E+00	5.63E+00	1.73E+01	U
MU	06	362202001	11/21/2014	Th-230	1.26E+01	8.05E+00	2.30E+01	U
MU	06	362202001	11/21/2014	Tl-208	-1.04E+00	3.29E+00	1.04E+01	U
MU	06	362202001	11/21/2014	Zn-65	-8.12E+00	6.99E+00	2.00E+01	U
MU	06	362202001	11/21/2014	Zr-95	-1.82E+00	6.81E+00	2.15E+01	U
MU	09	349589001	5/20/2014	Ac-228	5.49E+00	1.68E+01	4.31E+01	U
MU	09	349589001	5/20/2014	Ag-108m	-1.06E+00	2.16E+00	6.76E+00	U
MU	09	349589001	5/20/2014	Ag-110m	-5.69E+00	4.13E+00	1.13E+01	U
MU	09	349589001	5/20/2014	Ba-140	-1.34E+00	4.85E+00	1.52E+01	U
MU	09	349589001	5/20/2014	Be-7	0.00E+00	2.65E+01	4.98E+01	U
MU	09	349589001	5/20/2014	Bi-214	3.36E+00	7.92E+00	1.97E+01	U
MU	09	349589001	5/20/2014	Ce-141	-3.71E-01	4.50E+00	1.44E+01	U
MU	09	349589001	5/20/2014	Ce-144	9.83E+00	1.50E+01	4.91E+01	U
MU	09	349589001	5/20/2014	Co-57	3.84E-01	1.93E+00	6.26E+00	U
MU	09	349589001	5/20/2014	Co-58	-4.18E+00	2.91E+00	7.14E+00	U
MU	09	349589001	5/20/2014	Co-60	4.92E+00	3.05E+00	1.09E+01	U
MU	09	349589001	5/20/2014	Cr-51	-2.73E+01	2.64E+01	8.00E+01	U
MU	09	349589001	5/20/2014	Cs-134	3.41E+00	2.74E+00	9.21E+00	U
MU	09	349589001	5/20/2014	Cs-137	3.89E+00	2.92E+00	1.01E+01	U
MU	09	349589001	5/20/2014	Fe-59	4.61E+00	6.66E+00	2.25E+01	U
MU	09	349589001	5/20/2014	I-131	-1.18E+01	7.74E+00	2.15E+01	U
MU	09	349589001	5/20/2014	K-40	1.85E+03	1.37E+02	8.18E+01	
MU	09	349589001	5/20/2014	La-140	-1.34E+00	4.85E+00	1.52E+01	U
MU	09	349589001	5/20/2014	Mn-54	2.61E+00	2.79E+00	9.57E+00	U
MU	09	349589001	5/20/2014	Nb-95	1.69E+00	3.31E+00	1.13E+01	U
MU	09	349589001	5/20/2014	Pb-212	-2.72E+00	5.02E+00	1.66E+01	U
MU	09	349589001	5/20/2014	Pb-214	1.17E+01	6.77E+00	2.15E+01	U
MU	09	349589001	5/20/2014	Ra-226	3.36E+00	7.92E+00	1.97E+01	U
MU	09	349589001	5/20/2014	Ru-103	-3.23E-01	2.64E+00	8.45E+00	U
MU	09	349589001	5/20/2014	Ru-106	-1.04E+01	2.44E+01	7.95E+01	U
MU	09	349589001	5/20/2014	Sb-124	-2.38E+00	6.30E+00	1.94E+01	U
MU	09	349589001	5/20/2014	Sb-125	-7.07E+00	7.54E+00	2.26E+01	U
MU	09	349589001	5/20/2014	Se-75	2.00E+00	3.26E+00	1.11E+01	U
MU	09	349589001	5/20/2014	Th-228	-2.72E+00	5.02E+00	1.66E+01	U
MU	09	349589001	5/20/2014	Th-230	3.36E+00	7.92E+00	1.97E+01	U
MU	09	349589001	5/20/2014	Tl-208	-1.97E+00	2.87E+00	9.10E+00	U
MU	09	349589001	5/20/2014	Zn-65	4.28E-01	7.22E+00	2.34E+01	U
MU	09	349589001	5/20/2014	Zr-95	-1.87E+00	5.12E+00	1.65E+01	U
MU	09	362199001	11/17/2014	Ac-228	-1.07E+01	1.11E+01	3.47E+01	U
MU	09	362199001	11/17/2014	Ag-108m	-3.57E-01	2.19E+00	7.11E+00	U
MU	09	362199001	11/17/2014	Ag-110m	-1.03E+00	4.16E+00	1.38E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	09	362199001	11/17/2014	Ba-140	-8.96E+00	8.56E+00	2.30E+01	U
MU	09	362199001	11/17/2014	Be-7	1.38E+01	3.11E+01	9.04E+01	U
MU	09	362199001	11/17/2014	Bi-214	1.32E+01	8.22E+00	2.34E+01	U
MU	09	362199001	11/17/2014	Ce-141	1.14E+01	6.59E+00	1.92E+01	U
MU	09	362199001	11/17/2014	Ce-144	9.41E+00	1.67E+01	5.65E+01	U
MU	09	362199001	11/17/2014	Co-57	-4.41E+00	2.45E+00	6.77E+00	U
MU	09	362199001	11/17/2014	Co-58	-1.47E+00	4.01E+00	1.07E+01	U
MU	09	362199001	11/17/2014	Co-60	5.69E+00	3.49E+00	1.21E+01	U
MU	09	362199001	11/17/2014	Cr-51	-4.95E+00	3.79E+01	1.07E+02	U
MU	09	362199001	11/17/2014	Cs-134	7.62E-01	3.31E+00	9.83E+00	U
MU	09	362199001	11/17/2014	Cs-137	6.28E-02	2.43E+00	7.88E+00	U
MU	09	362199001	11/17/2014	Fe-59	-1.01E+01	7.90E+00	2.25E+01	U
MU	09	362199001	11/17/2014	I-131	-1.01E+01	1.54E+01	4.82E+01	U
MU	09	362199001	11/17/2014	K-40	1.36E+03	1.11E+02	1.01E+02	
MU	09	362199001	11/17/2014	La-140	-8.96E+00	8.56E+00	2.30E+01	U
MU	09	362199001	11/17/2014	Mn-54	-8.12E-01	2.61E+00	8.57E+00	U
MU	09	362199001	11/17/2014	Nb-95	5.88E+00	3.66E+00	1.13E+01	U
MU	09	362199001	11/17/2014	Pb-212	7.71E+00	6.85E+00	1.49E+01	U
MU	09	362199001	11/17/2014	Pb-214	1.59E+01	8.74E+00	2.04E+01	U
MU	09	362199001	11/17/2014	Ra-226	1.32E+01	8.22E+00	2.34E+01	U
MU	09	362199001	11/17/2014	Ru-103	-2.34E+00	3.27E+00	1.00E+01	U
MU	09	362199001	11/17/2014	Ru-106	-1.70E+01	2.56E+01	7.86E+01	U
MU	09	362199001	11/17/2014	Sb-124	5.06E+00	6.88E+00	2.43E+01	U
MU	09	362199001	11/17/2014	Sb-125	5.56E+00	6.76E+00	2.27E+01	U
MU	09	362199001	11/17/2014	Se-75	1.13E+00	3.34E+00	1.12E+01	U
MU	09	362199001	11/17/2014	Th-228	7.71E+00	6.85E+00	1.49E+01	U
MU	09	362199001	11/17/2014	Th-230	1.32E+01	8.22E+00	2.34E+01	U
MU	09	362199001	11/17/2014	Tl-208	5.50E-01	2.99E+00	9.39E+00	U
MU	09	362199001	11/17/2014	Zn-65	-2.75E+00	6.54E+00	2.10E+01	U
MU	09	362199001	11/17/2014	Zr-95	6.52E+00	5.63E+00	1.90E+01	U
MU	56	349595002	5/21/2014	Ac-228	-1.89E+00	1.19E+01	3.92E+01	U
MU	56	349595002	5/21/2014	Ag-108m	-1.99E+00	2.09E+00	6.53E+00	U
MU	56	349595002	5/21/2014	Ag-110m	5.49E+00	4.77E+00	1.31E+01	U
MU	56	349595002	5/21/2014	Ba-140	-7.27E+00	4.93E+00	1.23E+01	U
MU	56	349595002	5/21/2014	Be-7	5.91E+01	2.84E+01	9.23E+01	U
MU	56	349595002	5/21/2014	Bi-214	0.00E+00	6.63E+00	1.82E+01	U
MU	56	349595002	5/21/2014	Ce-141	-2.54E-01	4.47E+00	1.47E+01	U
MU	56	349595002	5/21/2014	Ce-144	3.88E+00	1.40E+01	4.79E+01	U
MU	56	349595002	5/21/2014	Co-57	-1.60E+00	2.08E+00	6.29E+00	U
MU	56	349595002	5/21/2014	Co-58	-7.92E-01	2.30E+00	7.22E+00	U
MU	56	349595002	5/21/2014	Co-60	-2.68E+00	3.40E+00	8.31E+00	U
MU	56	349595002	5/21/2014	Cr-51	-6.46E+01	2.93E+01	7.07E+01	U
MU	56	349595002	5/21/2014	Cs-134	3.94E+00	2.82E+00	9.57E+00	U
MU	56	349595002	5/21/2014	Cs-137	7.92E-01	3.51E+00	1.10E+01	U
MU	56	349595002	5/21/2014	Fe-59	1.29E+01	6.87E+00	2.31E+01	U
MU	56	349595002	5/21/2014	I-131	-7.06E-02	7.01E+00	2.18E+01	U
MU	56	349595002	5/21/2014	K-40	1.69E+03	1.27E+02	7.37E+01	
MU	56	349595002	5/21/2014	La-140	-7.27E+00	4.93E+00	1.23E+01	U
MU	56	349595002	5/21/2014	Mn-54	-2.12E+00	2.67E+00	7.41E+00	U
MU	56	349595002	5/21/2014	Nb-95	-1.39E+00	2.52E+00	7.78E+00	U
MU	56	349595002	5/21/2014	Pb-212	6.03E+00	6.12E+00	1.33E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	56	349595002	5/21/2014	Pb-214	8.10E+00	8.09E+00	2.07E+01	U
MU	56	349595002	5/21/2014	Ra-226	0.00E+00	6.63E+00	1.82E+01	U
MU	56	349595002	5/21/2014	Ru-103	-4.56E+00	2.82E+00	7.83E+00	U
MU	56	349595002	5/21/2014	Ru-106	9.53E+00	2.11E+01	7.15E+01	U
MU	56	349595002	5/21/2014	Sb-124	-5.16E+00	5.50E+00	1.55E+01	U
MU	56	349595002	5/21/2014	Sb-125	-3.81E+00	6.98E+00	2.14E+01	U
MU	56	349595002	5/21/2014	Se-75	1.88E+00	3.19E+00	1.07E+01	U
MU	56	349595002	5/21/2014	Th-228	6.03E+00	6.12E+00	1.33E+01	U
MU	56	349595002	5/21/2014	Th-230	0.00E+00	6.63E+00	1.82E+01	U
MU	56	349595002	5/21/2014	Tl-208	5.88E-01	2.91E+00	9.66E+00	U
MU	56	349595002	5/21/2014	Zn-65	3.49E+00	8.16E+00	2.41E+01	U
MU	56	349595002	5/21/2014	Zr-95	-4.43E+00	4.51E+00	1.31E+01	U
MU	56	363349001	12/15/2014	Ac-228	-6.53E+01	3.55E+01	9.60E+01	U
MU	56	363349001	12/15/2014	Ag-108m	-6.42E-01	6.42E+00	2.14E+01	U
MU	56	363349001	12/15/2014	Ag-110m	-4.41E-01	9.60E+00	3.15E+01	U
MU	56	363349001	12/15/2014	Ba-140	2.69E+01	1.48E+01	4.95E+01	U
MU	56	363349001	12/15/2014	Be-7	8.09E+01	6.03E+01	2.08E+02	U
MU	56	363349001	12/15/2014	Bi-214	-1.64E+01	1.71E+01	5.22E+01	U
MU	56	363349001	12/15/2014	Ce-141	2.34E+01	1.26E+01	3.70E+01	U
MU	56	363349001	12/15/2014	Ce-144	-9.10E+00	3.82E+01	1.23E+02	U
MU	56	363349001	12/15/2014	Co-57	2.06E+00	4.99E+00	1.66E+01	U
MU	56	363349001	12/15/2014	Co-58	4.52E+00	7.06E+00	2.27E+01	U
MU	56	363349001	12/15/2014	Co-60	-8.91E+00	7.50E+00	2.03E+01	U
MU	56	363349001	12/15/2014	Cr-51	-6.73E+01	6.54E+01	1.94E+02	U
MU	56	363349001	12/15/2014	Cs-134	-2.68E+00	7.47E+00	2.40E+01	U
MU	56	363349001	12/15/2014	Cs-137	1.01E+01	7.93E+00	2.55E+01	U
MU	56	363349001	12/15/2014	Fe-59	2.04E+00	1.44E+01	4.85E+01	U
MU	56	363349001	12/15/2014	I-131	-1.08E+01	1.42E+01	4.33E+01	U
MU	56	363349001	12/15/2014	K-40	1.10E+03	2.11E+02	2.72E+02	
MU	56	363349001	12/15/2014	La-140	2.69E+01	1.48E+01	4.95E+01	U
MU	56	363349001	12/15/2014	Mn-54	-8.04E+00	7.07E+00	2.01E+01	U
MU	56	363349001	12/15/2014	Nb-95	-8.11E+00	7.42E+00	2.15E+01	U
MU	56	363349001	12/15/2014	Pb-212	7.34E+00	1.39E+01	4.85E+01	U
MU	56	363349001	12/15/2014	Pb-214	-1.92E+00	1.64E+01	5.26E+01	U
MU	56	363349001	12/15/2014	Ra-226	-1.64E+01	1.71E+01	5.22E+01	U
MU	56	363349001	12/15/2014	Ru-103	9.58E+00	7.65E+00	2.37E+01	U
MU	56	363349001	12/15/2014	Ru-106	6.44E+00	6.65E+01	2.18E+02	U
MU	56	363349001	12/15/2014	Sb-124	-1.30E+01	1.35E+01	3.65E+01	U
MU	56	363349001	12/15/2014	Sb-125	-1.03E+01	1.74E+01	5.57E+01	U
MU	56	363349001	12/15/2014	Se-75	-1.42E+00	1.02E+01	2.89E+01	U
MU	56	363349001	12/15/2014	Th-228	7.34E+00	1.39E+01	4.85E+01	U
MU	56	363349001	12/15/2014	Th-230	-1.64E+01	1.71E+01	5.22E+01	U
MU	56	363349001	12/15/2014	Tl-208	-1.40E+00	7.96E+00	2.71E+01	U
MU	56	363349001	12/15/2014	Zn-65	1.04E+01	1.48E+01	5.16E+01	U
MU	56	363349001	12/15/2014	Zr-95	-2.53E+01	1.38E+01	3.45E+01	U
MU	59	349589002	5/23/2014	Ac-228	9.99E+00	1.33E+01	4.14E+01	U
MU	59	349589002	5/23/2014	Ag-108m	3.02E+00	2.27E+00	6.97E+00	U
MU	59	349589002	5/23/2014	Ag-110m	3.46E+00	3.56E+00	1.23E+01	U
MU	59	349589002	5/23/2014	Ba-140	1.35E+00	4.04E+00	1.39E+01	U
MU	59	349589002	5/23/2014	Be-7	0.00E+00	2.66E+01	5.85E+01	U
MU	59	349589002	5/23/2014	Bi-214	8.18E+00	6.44E+00	1.91E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	59	349589002	5/23/2014	Ce-141	1.28E+00	4.23E+00	1.34E+01	U
MU	59	349589002	5/23/2014	Ce-144	1.85E+00	1.30E+01	4.24E+01	U
MU	59	349589002	5/23/2014	Co-57	-5.09E-01	1.99E+00	5.71E+00	U
MU	59	349589002	5/23/2014	Co-58	4.67E-01	2.31E+00	7.79E+00	U
MU	59	349589002	5/23/2014	Co-60	3.87E+00	2.71E+00	9.82E+00	U
MU	59	349589002	5/23/2014	Cr-51	-3.21E+01	2.35E+01	6.87E+01	U
MU	59	349589002	5/23/2014	Cs-134	-6.94E-01	2.59E+00	8.41E+00	U
MU	59	349589002	5/23/2014	Cs-137	8.09E-01	2.36E+00	8.11E+00	U
MU	59	349589002	5/23/2014	Fe-59	-5.51E+00	6.50E+00	1.96E+01	U
MU	59	349589002	5/23/2014	I-131	1.20E+00	5.66E+00	1.76E+01	U
MU	59	349589002	5/23/2014	K-40	1.54E+03	1.19E+02	8.05E+01	
MU	59	349589002	5/23/2014	La-140	1.35E+00	4.04E+00	1.39E+01	U
MU	59	349589002	5/23/2014	Mn-54	2.25E+00	2.35E+00	8.17E+00	U
MU	59	349589002	5/23/2014	Nb-95	1.26E+00	2.28E+00	7.87E+00	U
MU	59	349589002	5/23/2014	Pb-212	7.90E-01	4.12E+00	1.43E+01	U
MU	59	349589002	5/23/2014	Pb-214	-4.42E-01	6.31E+00	1.89E+01	U
MU	59	349589002	5/23/2014	Ra-226	8.18E+00	6.44E+00	1.91E+01	U
MU	59	349589002	5/23/2014	Ru-103	-1.00E+00	2.76E+00	8.72E+00	U
MU	59	349589002	5/23/2014	Ru-106	2.18E+01	1.96E+01	6.65E+01	U
MU	59	349589002	5/23/2014	Sb-124	1.53E+00	6.02E+00	2.04E+01	U
MU	59	349589002	5/23/2014	Sb-125	1.95E-01	6.74E+00	1.94E+01	U
MU	59	349589002	5/23/2014	Se-75	-6.60E+00	3.46E+00	9.44E+00	U
MU	59	349589002	5/23/2014	Th-228	7.90E-01	4.12E+00	1.43E+01	U
MU	59	349589002	5/23/2014	Th-230	8.18E+00	6.44E+00	1.91E+01	U
MU	59	349589002	5/23/2014	Tl-208	3.91E+00	3.31E+00	1.02E+01	U
MU	59	349589002	5/23/2014	Zn-65	2.32E+00	6.13E+00	2.05E+01	U
MU	59	349589002	5/23/2014	Zr-95	-4.04E+00	4.11E+00	1.22E+01	U
MU	59	362199002	11/17/2014	Ac-228	3.63E+01	2.65E+01	8.83E+01	U
MU	59	362199002	11/17/2014	Ag-108m	-1.16E-01	4.28E+00	1.39E+01	U
MU	59	362199002	11/17/2014	Ag-110m	6.10E-01	8.34E+00	2.76E+01	U
MU	59	362199002	11/17/2014	Ba-140	2.22E+01	2.39E+01	8.55E+01	U
MU	59	362199002	11/17/2014	Be-7	-6.77E+00	6.07E+01	1.95E+02	U
MU	59	362199002	11/17/2014	Bi-214	3.24E+01	1.39E+01	4.26E+01	U
MU	59	362199002	11/17/2014	Ce-141	0.00E+00	2.40E+01	3.61E+01	U
MU	59	362199002	11/17/2014	Ce-144	-2.29E+01	3.25E+01	9.92E+01	U
MU	59	362199002	11/17/2014	Co-57	5.49E+00	4.47E+00	1.46E+01	U
MU	59	362199002	11/17/2014	Co-58	4.37E+00	6.69E+00	2.31E+01	U
MU	59	362199002	11/17/2014	Co-60	-2.20E+00	6.20E+00	1.98E+01	U
MU	59	362199002	11/17/2014	Cr-51	-1.57E+01	7.27E+01	2.38E+02	U
MU	59	362199002	11/17/2014	Cs-134	4.07E+00	6.48E+00	2.24E+01	U
MU	59	362199002	11/17/2014	Cs-137	1.11E+01	5.50E+00	1.94E+01	U
MU	59	362199002	11/17/2014	Fe-59	-8.54E+00	1.46E+01	4.36E+01	U
MU	59	362199002	11/17/2014	I-131	2.48E+01	3.47E+01	1.17E+02	U
MU	59	362199002	11/17/2014	K-40	1.13E+03	1.62E+02	1.55E+02	
MU	59	362199002	11/17/2014	La-140	2.22E+01	2.39E+01	8.55E+01	U
MU	59	362199002	11/17/2014	Mn-54	-7.14E-01	5.71E+00	1.87E+01	U
MU	59	362199002	11/17/2014	Nb-95	-8.26E-01	6.09E+00	2.00E+01	U
MU	59	362199002	11/17/2014	Pb-212	3.84E+00	1.23E+01	3.46E+01	U
MU	59	362199002	11/17/2014	Pb-214	-3.05E+00	1.41E+01	4.46E+01	U
MU	59	362199002	11/17/2014	Ra-226	3.24E+01	1.39E+01	4.26E+01	U
MU	59	362199002	11/17/2014	Ru-103	-8.35E+00	7.56E+00	2.14E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
MU	59	362199002	11/17/2014	Ru-106	1.81E+01	4.95E+01	1.71E+02	U
MU	59	362199002	11/17/2014	Sb-124	-4.40E+00	1.48E+01	4.59E+01	U
MU	59	362199002	11/17/2014	Sb-125	-1.84E+00	1.36E+01	4.37E+01	U
MU	59	362199002	11/17/2014	Se-75	1.37E+01	1.35E+01	2.72E+01	U
MU	59	362199002	11/17/2014	Th-228	3.84E+00	1.23E+01	3.46E+01	U
MU	59	362199002	11/17/2014	Th-230	3.24E+01	1.39E+01	4.26E+01	U
MU	59	362199002	11/17/2014	Tl-208	-4.98E+00	6.54E+00	1.90E+01	U
MU	59	362199002	11/17/2014	Zn-65	1.57E+00	1.28E+01	4.20E+01	U
MU	59	362199002	11/17/2014	Zr-95	-6.95E+00	1.17E+01	3.66E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	02	349587001	5/27/2014	Ac-228	2.51E+03	2.35E+02	1.84E+02	
SE	02	349587001	5/27/2014	Ag-108m	2.75E+00	1.24E+01	4.29E+01	U
SE	02	349587001	5/27/2014	Ag-110m	-3.27E+01	2.04E+01	5.82E+01	U
SE	02	349587001	5/27/2014	Ba-140	2.65E+01	2.14E+01	6.86E+01	U
SE	02	349587001	5/27/2014	Be-7	1.35E+02	1.49E+02	4.54E+02	U
SE	02	349587001	5/27/2014	Bi-214	1.45E+03	1.04E+02	9.45E+01	
SE	02	349587001	5/27/2014	Ce-141	1.67E+01	4.38E+01	8.22E+01	U
SE	02	349587001	5/27/2014	Ce-144	7.46E+01	9.97E+01	3.16E+02	U
SE	02	349587001	5/27/2014	Co-57	-4.15E+00	1.12E+01	3.96E+01	U
SE	02	349587001	5/27/2014	Co-58	-5.47E+01	1.95E+01	4.08E+01	U
SE	02	349587001	5/27/2014	Co-60	-2.04E+01	1.55E+01	4.55E+01	U
SE	02	349587001	5/27/2014	Cr-51	-1.33E+02	1.34E+02	4.50E+02	U
SE	02	349587001	5/27/2014	Cs-134	0.00E+00	5.17E+01	8.55E+01	U
SE	02	349587001	5/27/2014	Cs-137	-4.49E+00	1.79E+01	5.38E+01	U
SE	02	349587001	5/27/2014	Fe-59	-3.69E+01	3.31E+01	9.89E+01	U
SE	02	349587001	5/27/2014	I-131	2.28E+01	2.28E+01	8.02E+01	U
SE	02	349587001	5/27/2014	K-40	1.38E+04	8.33E+02	3.79E+02	
SE	02	349587001	5/27/2014	La-140	2.65E+01	2.14E+01	6.86E+01	U
SE	02	349587001	5/27/2014	Mn-54	4.30E+01	2.04E+01	5.97E+01	U
SE	02	349587001	5/27/2014	Nb-95	4.85E+01	2.20E+01	6.41E+01	U
SE	02	349587001	5/27/2014	Pb-212	2.56E+03	1.33E+02	8.95E+01	
SE	02	349587001	5/27/2014	Pb-214	1.78E+03	1.14E+02	1.03E+02	
SE	02	349587001	5/27/2014	Ra-226	1.45E+03	1.04E+02	9.45E+01	
SE	02	349587001	5/27/2014	Ru-103	-3.06E+00	1.46E+01	4.93E+01	U
SE	02	349587001	5/27/2014	Ru-106	-1.45E+02	1.32E+02	4.29E+02	U
SE	02	349587001	5/27/2014	Sb-124	2.12E+01	3.03E+01	1.08E+02	U
SE	02	349587001	5/27/2014	Sb-125	9.56E+01	4.53E+01	1.43E+02	U
SE	02	349587001	5/27/2014	Se-75	9.78E+00	1.82E+01	6.16E+01	U
SE	02	349587001	5/27/2014	Th-228	2.56E+03	1.33E+02	8.95E+01	
SE	02	349587001	5/27/2014	Th-230	1.45E+03	1.04E+02	9.45E+01	
SE	02	349587001	5/27/2014	Tl-208	7.53E+02	5.08E+01	5.27E+01	
SE	02	349587001	5/27/2014	Zn-65	-1.12E+01	3.78E+01	1.05E+02	U
SE	02	349587001	5/27/2014	Zr-95	4.40E+00	2.76E+01	9.59E+01	U
SE	02	362196001	11/21/2014	Ac-228	9.36E+02	1.23E+02	1.73E+02	
SE	02	362196001	11/21/2014	Ag-108m	-2.07E+01	1.18E+01	3.43E+01	U
SE	02	362196001	11/21/2014	Ag-110m	-2.71E+01	2.04E+01	5.87E+01	U
SE	02	362196001	11/21/2014	Ba-140	-2.25E+02	1.03E+02	2.05E+02	U
SE	02	362196001	11/21/2014	Be-7	-2.95E+01	1.48E+02	5.09E+02	U
SE	02	362196001	11/21/2014	Bi-214	4.77E+02	6.24E+01	9.84E+01	
SE	02	362196001	11/21/2014	Ce-141	-2.10E+01	3.80E+01	1.30E+02	U
SE	02	362196001	11/21/2014	Ce-144	-7.86E+01	8.14E+01	2.71E+02	U
SE	02	362196001	11/21/2014	Co-57	-1.15E+01	1.08E+01	3.59E+01	U
SE	02	362196001	11/21/2014	Co-58	3.42E+01	2.15E+01	6.60E+01	U
SE	02	362196001	11/21/2014	Co-60	7.26E+00	1.58E+01	5.50E+01	U
SE	02	362196001	11/21/2014	Cr-51	-4.79E+01	2.31E+02	7.87E+02	U
SE	02	362196001	11/21/2014	Cs-134	9.62E+00	1.43E+01	5.00E+01	U
SE	02	362196001	11/21/2014	Cs-137	3.50E+01	2.22E+01	4.46E+01	U
SE	02	362196001	11/21/2014	Fe-59	-1.59E+01	5.48E+01	1.54E+02	U
SE	02	362196001	11/21/2014	I-131	2.32E+02	2.44E+02	8.87E+02	U
SE	02	362196001	11/21/2014	K-40	1.51E+04	9.27E+02	4.03E+02	
SE	02	362196001	11/21/2014	La-140	-2.25E+02	1.03E+02	2.05E+02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	02	362196001	11/21/2014	Mn-54	3.25E+01	1.60E+01	4.87E+01	U
SE	02	362196001	11/21/2014	Nb-95	3.79E+01	2.19E+01	5.48E+01	U
SE	02	362196001	11/21/2014	Pb-212	8.26E+02	6.45E+01	8.43E+01	
SE	02	362196001	11/21/2014	Pb-214	6.75E+02	7.42E+01	1.03E+02	
SE	02	362196001	11/21/2014	Ra-226	4.77E+02	6.24E+01	9.84E+01	
SE	02	362196001	11/21/2014	Ru-103	-2.65E+00	2.14E+01	7.35E+01	U
SE	02	362196001	11/21/2014	Ru-106	-4.38E+01	1.32E+02	3.87E+02	U
SE	02	362196001	11/21/2014	Sb-124	5.60E+00	3.37E+01	1.13E+02	U
SE	02	362196001	11/21/2014	Sb-125	4.94E+01	3.55E+01	1.26E+02	U
SE	02	362196001	11/21/2014	Se-75	-1.24E+01	1.94E+01	6.05E+01	U
SE	02	362196001	11/21/2014	Th-228	8.26E+02	6.45E+01	8.43E+01	
SE	02	362196001	11/21/2014	Th-230	4.77E+02	6.24E+01	9.84E+01	
SE	02	362196001	11/21/2014	Tl-208	2.06E+02	3.01E+01	4.39E+01	
SE	02	362196001	11/21/2014	Zn-65	-9.36E+01	5.17E+01	1.09E+02	U
SE	02	362196001	11/21/2014	Zr-95	3.43E+01	3.32E+01	1.12E+02	U
SE	07	349603001	5/20/2014	Ac-228	2.56E+02	8.80E+01	1.26E+02	
SE	07	349603001	5/20/2014	Ag-108m	4.01E+00	7.45E+00	2.64E+01	U
SE	07	349603001	5/20/2014	Ag-110m	4.26E+00	1.45E+01	5.04E+01	U
SE	07	349603001	5/20/2014	Ba-140	5.11E+01	2.09E+01	7.57E+01	U
SE	07	349603001	5/20/2014	Be-7	-1.97E+01	7.98E+01	2.71E+02	U
SE	07	349603001	5/20/2014	Bi-214	1.89E+02	4.45E+01	7.22E+01	
SE	07	349603001	5/20/2014	Ce-141	4.96E+00	1.57E+01	5.06E+01	U
SE	07	349603001	5/20/2014	Ce-144	3.87E+01	5.19E+01	1.88E+02	U
SE	07	349603001	5/20/2014	Co-57	1.66E+00	6.66E+00	2.42E+01	U
SE	07	349603001	5/20/2014	Co-58	3.00E+00	1.07E+01	3.76E+01	U
SE	07	349603001	5/20/2014	Co-60	-2.04E+01	1.38E+01	3.97E+01	U
SE	07	349603001	5/20/2014	Cr-51	-1.04E+02	9.70E+01	3.09E+02	U
SE	07	349603001	5/20/2014	Cs-134	3.13E+01	1.42E+01	4.70E+01	U
SE	07	349603001	5/20/2014	Cs-137	6.23E+00	1.05E+01	3.60E+01	U
SE	07	349603001	5/20/2014	Fe-59	-1.38E+01	2.75E+01	8.80E+01	U
SE	07	349603001	5/20/2014	I-131	6.22E+00	2.87E+01	1.02E+02	U
SE	07	349603001	5/20/2014	K-40	1.89E+04	1.03E+03	2.46E+02	
SE	07	349603001	5/20/2014	La-140	5.11E+01	2.09E+01	7.57E+01	U
SE	07	349603001	5/20/2014	Mn-54	1.36E+01	1.06E+01	3.72E+01	U
SE	07	349603001	5/20/2014	Nb-95	2.75E+01	1.27E+01	3.59E+01	U
SE	07	349603001	5/20/2014	Pb-212	2.68E+02	4.16E+01	6.36E+01	
SE	07	349603001	5/20/2014	Pb-214	2.37E+02	4.62E+01	7.08E+01	
SE	07	349603001	5/20/2014	Ra-226	1.89E+02	4.45E+01	7.22E+01	
SE	07	349603001	5/20/2014	Ru-103	-6.03E+00	1.07E+01	3.53E+01	U
SE	07	349603001	5/20/2014	Ru-106	-2.56E+01	9.36E+01	3.08E+02	U
SE	07	349603001	5/20/2014	Sb-124	5.01E+00	2.02E+01	6.89E+01	U
SE	07	349603001	5/20/2014	Sb-125	1.42E+01	2.41E+01	8.55E+01	U
SE	07	349603001	5/20/2014	Se-75	-8.36E+00	1.19E+01	4.01E+01	U
SE	07	349603001	5/20/2014	Th-228	2.68E+02	4.16E+01	6.36E+01	
SE	07	349603001	5/20/2014	Th-230	1.89E+02	4.45E+01	7.22E+01	
SE	07	349603001	5/20/2014	Tl-208	6.18E+01	2.07E+01	3.09E+01	
SE	07	349603001	5/20/2014	Zn-65	1.52E+00	3.43E+01	9.90E+01	U
SE	07	349603001	5/20/2014	Zr-95	7.92E+00	2.02E+01	7.12E+01	U
SE	07	362191001	11/17/2014	Ac-228	2.23E+02	2.57E+02	4.87E+02	U
SE	07	362191001	11/17/2014	Ag-108m	-2.24E+01	2.03E+01	6.50E+01	U
SE	07	362191001	11/17/2014	Ag-110m	-5.07E+01	4.15E+01	1.25E+02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	07	362191001	11/17/2014	Ba-140	1.92E+02	1.94E+02	6.95E+02	U
SE	07	362191001	11/17/2014	Be-7	1.16E+02	2.82E+02	9.93E+02	U
SE	07	362191001	11/17/2014	Bi-214	1.15E+02	1.00E+02	2.30E+02	U
SE	07	362191001	11/17/2014	Ce-141	1.67E+02	7.28E+01	2.41E+02	U
SE	07	362191001	11/17/2014	Ce-144	1.24E+02	1.22E+02	4.49E+02	U
SE	07	362191001	11/17/2014	Co-57	-1.78E+01	1.47E+01	4.97E+01	U
SE	07	362191001	11/17/2014	Co-58	3.65E+01	3.69E+01	1.30E+02	U
SE	07	362191001	11/17/2014	Co-60	2.12E+01	2.63E+01	9.29E+01	U
SE	07	362191001	11/17/2014	Cr-51	-6.18E+02	4.57E+02	1.37E+03	U
SE	07	362191001	11/17/2014	Cs-134	5.84E+01	3.22E+01	1.08E+02	U
SE	07	362191001	11/17/2014	Cs-137	3.43E+01	1.87E+01	1.02E+02	U
SE	07	362191001	11/17/2014	Fe-59	1.28E+02	9.64E+01	3.31E+02	U
SE	07	362191001	11/17/2014	I-131	-1.12E+02	5.54E+02	1.95E+03	U
SE	07	362191001	11/17/2014	K-40	1.88E+04	1.23E+03	7.15E+02	
SE	07	362191001	11/17/2014	La-140	1.92E+02	1.94E+02	6.95E+02	U
SE	07	362191001	11/17/2014	Mn-54	-4.51E+00	2.62E+01	8.88E+01	U
SE	07	362191001	11/17/2014	Nb-95	1.36E+00	3.10E+01	1.07E+02	U
SE	07	362191001	11/17/2014	Pb-212	2.72E+02	9.87E+01	1.35E+02	
SE	07	362191001	11/17/2014	Pb-214	3.13E+02	8.49E+01	1.69E+02	
SE	07	362191001	11/17/2014	Ra-226	1.15E+02	1.00E+02	2.30E+02	U
SE	07	362191001	11/17/2014	Ru-103	1.90E+01	3.64E+01	1.29E+02	U
SE	07	362191001	11/17/2014	Ru-106	1.21E+02	2.93E+02	8.77E+02	U
SE	07	362191001	11/17/2014	Sb-124	3.77E+01	5.68E+01	2.04E+02	U
SE	07	362191001	11/17/2014	Sb-125	1.06E+02	6.38E+01	2.23E+02	U
SE	07	362191001	11/17/2014	Se-75	-1.65E+01	3.88E+01	1.14E+02	U
SE	07	362191001	11/17/2014	Th-228	2.72E+02	9.87E+01	1.35E+02	
SE	07	362191001	11/17/2014	Th-230	1.15E+02	1.00E+02	2.30E+02	U
SE	07	362191001	11/17/2014	Tl-208	5.51E+01	5.32E+01	7.86E+01	U
SE	07	362191001	11/17/2014	Zn-65	2.10E+01	7.55E+01	2.20E+02	U
SE	07	362191001	11/17/2014	Zr-95	1.79E+01	6.08E+01	2.14E+02	U
SE	08	349603002	5/20/2014	Ac-228	2.38E+02	1.25E+02	3.14E+02	U
SE	08	349603002	5/20/2014	Ag-108m	-4.27E+00	9.54E+00	3.13E+01	U
SE	08	349603002	5/20/2014	Ag-110m	5.37E+00	1.93E+01	6.20E+01	U
SE	08	349603002	5/20/2014	Ba-140	1.85E+01	2.76E+01	9.95E+01	U
SE	08	349603002	5/20/2014	Be-7	1.28E+02	1.06E+02	3.85E+02	U
SE	08	349603002	5/20/2014	Bi-214	2.70E+02	6.44E+01	8.75E+01	
SE	08	349603002	5/20/2014	Ce-141	1.62E+01	1.74E+01	6.08E+01	U
SE	08	349603002	5/20/2014	Ce-144	-4.93E+00	6.41E+01	1.98E+02	U
SE	08	349603002	5/20/2014	Co-57	6.29E+00	7.13E+00	2.53E+01	U
SE	08	349603002	5/20/2014	Co-58	1.29E+01	1.68E+01	5.83E+01	U
SE	08	349603002	5/20/2014	Co-60	5.93E+00	1.65E+01	5.64E+01	U
SE	08	349603002	5/20/2014	Cr-51	-7.30E+01	1.13E+02	3.79E+02	U
SE	08	349603002	5/20/2014	Cs-134	1.07E+01	1.60E+01	4.93E+01	U
SE	08	349603002	5/20/2014	Cs-137	-2.15E+01	1.51E+01	4.37E+01	U
SE	08	349603002	5/20/2014	Fe-59	-2.97E+01	4.22E+01	1.34E+02	U
SE	08	349603002	5/20/2014	I-131	5.19E+01	3.17E+01	1.10E+02	U
SE	08	349603002	5/20/2014	K-40	1.72E+04	1.08E+03	3.87E+02	
SE	08	349603002	5/20/2014	La-140	1.85E+01	2.76E+01	9.95E+01	U
SE	08	349603002	5/20/2014	Mn-54	9.75E+00	1.40E+01	4.85E+01	U
SE	08	349603002	5/20/2014	Nb-95	1.32E+01	1.53E+01	5.36E+01	U
SE	08	349603002	5/20/2014	Pb-212	3.89E+02	4.91E+01	6.41E+01	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	08	349603002	5/20/2014	Pb-214	0.00E+00	8.63E+01	1.49E+02	U
SE	08	349603002	5/20/2014	Ra-226	2.70E+02	6.44E+01	8.75E+01	
SE	08	349603002	5/20/2014	Ru-103	-1.33E+01	1.41E+01	4.61E+01	U
SE	08	349603002	5/20/2014	Ru-106	1.53E+02	1.14E+02	4.06E+02	U
SE	08	349603002	5/20/2014	Sb-124	-6.74E+00	2.18E+01	6.86E+01	U
SE	08	349603002	5/20/2014	Sb-125	2.83E+01	2.96E+01	1.04E+02	U
SE	08	349603002	5/20/2014	Se-75	-1.16E+01	1.45E+01	4.69E+01	U
SE	08	349603002	5/20/2014	Th-228	3.89E+02	4.91E+01	6.41E+01	
SE	08	349603002	5/20/2014	Th-230	2.70E+02	6.44E+01	8.75E+01	
SE	08	349603002	5/20/2014	Tl-208	1.18E+02	2.81E+01	4.29E+01	
SE	08	349603002	5/20/2014	Zn-65	-1.26E+01	4.53E+01	1.29E+02	U
SE	08	349603002	5/20/2014	Zr-95	1.89E+01	2.77E+01	9.65E+01	U
SE	08	362191002	11/17/2014	Ac-228	4.37E+02	1.03E+02	2.03E+02	
SE	08	362191002	11/17/2014	Ag-108m	2.33E+00	1.36E+01	4.81E+01	U
SE	08	362191002	11/17/2014	Ag-110m	-2.51E+01	2.28E+01	6.77E+01	U
SE	08	362191002	11/17/2014	Ba-140	-1.65E+02	1.30E+02	3.18E+02	U
SE	08	362191002	11/17/2014	Be-7	1.43E+01	1.88E+02	6.58E+02	U
SE	08	362191002	11/17/2014	Bi-214	2.30E+02	6.61E+01	1.10E+02	
SE	08	362191002	11/17/2014	Ce-141	2.10E+01	4.11E+01	1.51E+02	U
SE	08	362191002	11/17/2014	Ce-144	-5.32E+01	8.75E+01	3.08E+02	U
SE	08	362191002	11/17/2014	Co-57	2.84E+01	1.29E+01	4.49E+01	U
SE	08	362191002	11/17/2014	Co-58	-2.11E+01	2.46E+01	7.29E+01	U
SE	08	362191002	11/17/2014	Co-60	-1.43E+01	1.95E+01	6.12E+01	U
SE	08	362191002	11/17/2014	Cr-51	-1.83E+02	2.86E+02	9.92E+02	U
SE	08	362191002	11/17/2014	Cs-134	2.23E+01	1.86E+01	6.65E+01	U
SE	08	362191002	11/17/2014	Cs-137	3.34E+01	2.97E+01	4.67E+01	U
SE	08	362191002	11/17/2014	Fe-59	-4.60E+01	6.10E+01	1.52E+02	U
SE	08	362191002	11/17/2014	I-131	4.97E+02	4.65E+02	1.70E+03	U
SE	08	362191002	11/17/2014	K-40	1.97E+04	1.25E+03	4.70E+02	
SE	08	362191002	11/17/2014	La-140	-1.65E+02	1.30E+02	3.18E+02	U
SE	08	362191002	11/17/2014	Mn-54	-5.43E-02	2.20E+01	6.63E+01	U
SE	08	362191002	11/17/2014	Nb-95	3.81E+01	2.82E+01	9.26E+01	U
SE	08	362191002	11/17/2014	Pb-212	3.37E+02	4.73E+01	8.57E+01	
SE	08	362191002	11/17/2014	Pb-214	3.20E+02	6.61E+01	1.14E+02	
SE	08	362191002	11/17/2014	Ra-226	2.30E+02	6.61E+01	1.10E+02	
SE	08	362191002	11/17/2014	Ru-103	-5.64E+01	2.99E+01	7.86E+01	U
SE	08	362191002	11/17/2014	Ru-106	-7.74E+01	1.33E+02	4.03E+02	U
SE	08	362191002	11/17/2014	Sb-124	1.55E+01	3.45E+01	1.25E+02	U
SE	08	362191002	11/17/2014	Sb-125	-6.67E+01	4.65E+01	1.40E+02	U
SE	08	362191002	11/17/2014	Se-75	-3.06E+01	2.35E+01	7.04E+01	U
SE	08	362191002	11/17/2014	Th-228	3.37E+02	4.73E+01	8.57E+01	
SE	08	362191002	11/17/2014	Th-230	2.30E+02	6.61E+01	1.10E+02	
SE	08	362191002	11/17/2014	Tl-208	1.23E+02	3.72E+01	4.46E+01	
SE	08	362191002	11/17/2014	Zn-65	-1.98E+00	5.61E+01	1.62E+02	U
SE	08	362191002	11/17/2014	Zr-95	1.05E+01	3.93E+01	1.40E+02	U
SE	52	349587002	5/21/2014	Ac-228	1.91E+03	1.80E+02	1.72E+02	
SE	52	349587002	5/21/2014	Ag-108m	1.61E+01	1.26E+01	3.77E+01	U
SE	52	349587002	5/21/2014	Ag-110m	-1.54E+01	1.70E+01	5.28E+01	U
SE	52	349587002	5/21/2014	Ba-140	1.70E+00	2.75E+01	9.13E+01	U
SE	52	349587002	5/21/2014	Be-7	-1.62E+02	1.34E+02	4.05E+02	U
SE	52	349587002	5/21/2014	Bi-214	1.19E+03	8.22E+01	8.73E+01	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	52	349587002	5/21/2014	Ce-141	4.28E+01	2.55E+01	8.73E+01	U
SE	52	349587002	5/21/2014	Ce-144	-1.31E+02	9.25E+01	2.70E+02	U
SE	52	349587002	5/21/2014	Co-57	1.97E+01	1.21E+01	3.38E+01	U
SE	52	349587002	5/21/2014	Co-58	-3.78E+00	1.45E+01	4.80E+01	U
SE	52	349587002	5/21/2014	Co-60	6.11E-01	1.77E+01	5.13E+01	U
SE	52	349587002	5/21/2014	Cr-51	1.14E+02	1.38E+02	4.74E+02	U
SE	52	349587002	5/21/2014	Cs-134	0.00E+00	3.29E+01	7.11E+01	U
SE	52	349587002	5/21/2014	Cs-137	-8.59E+00	1.59E+01	5.35E+01	U
SE	52	349587002	5/21/2014	Fe-59	-2.59E+01	3.16E+01	9.65E+01	U
SE	52	349587002	5/21/2014	I-131	2.62E+01	3.26E+01	1.12E+02	U
SE	52	349587002	5/21/2014	K-40	1.26E+04	7.67E+02	4.14E+02	
SE	52	349587002	5/21/2014	La-140	1.70E+00	2.75E+01	9.13E+01	U
SE	52	349587002	5/21/2014	Mn-54	1.81E+01	1.38E+01	4.67E+01	U
SE	52	349587002	5/21/2014	Nb-95	5.44E+01	2.24E+01	6.18E+01	U
SE	52	349587002	5/21/2014	Pb-212	2.27E+03	1.16E+02	7.60E+01	
SE	52	349587002	5/21/2014	Pb-214	1.55E+03	9.81E+01	8.81E+01	
SE	52	349587002	5/21/2014	Ra-226	1.19E+03	8.22E+01	8.73E+01	
SE	52	349587002	5/21/2014	Ru-103	2.47E+01	1.48E+01	5.07E+01	U
SE	52	349587002	5/21/2014	Ru-106	7.92E+01	1.33E+02	4.07E+02	U
SE	52	349587002	5/21/2014	Sb-124	2.29E+01	2.55E+01	8.92E+01	U
SE	52	349587002	5/21/2014	Sb-125	-2.29E+01	3.92E+01	1.17E+02	U
SE	52	349587002	5/21/2014	Se-75	-1.21E+01	1.81E+01	5.62E+01	U
SE	52	349587002	5/21/2014	Th-228	2.27E+03	1.16E+02	7.60E+01	
SE	52	349587002	5/21/2014	Th-230	1.19E+03	8.22E+01	8.73E+01	
SE	52	349587002	5/21/2014	Tl-208	6.54E+02	4.60E+01	4.33E+01	
SE	52	349587002	5/21/2014	Zn-65	-3.72E+01	3.64E+01	9.08E+01	U
SE	52	349587002	5/21/2014	Zr-95	5.38E+01	3.17E+01	9.31E+01	U
SE	52	363348001	12/15/2014	Ac-228	2.30E+03	2.14E+02	2.94E+02	
SE	52	363348001	12/15/2014	Ag-108m	1.01E+01	1.74E+01	5.97E+01	U
SE	52	363348001	12/15/2014	Ag-110m	-3.50E+01	3.07E+01	9.12E+01	U
SE	52	363348001	12/15/2014	Ba-140	1.66E+00	9.31E+01	2.80E+02	U
SE	52	363348001	12/15/2014	Be-7	3.73E+01	2.18E+02	7.34E+02	U
SE	52	363348001	12/15/2014	Bi-214	1.50E+03	1.15E+02	1.31E+02	
SE	52	363348001	12/15/2014	Ce-141	8.75E+01	7.76E+01	1.32E+02	U
SE	52	363348001	12/15/2014	Ce-144	-1.57E+01	1.22E+02	3.77E+02	U
SE	52	363348001	12/15/2014	Co-57	6.60E+00	1.34E+01	4.73E+01	U
SE	52	363348001	12/15/2014	Co-58	-1.38E+01	2.49E+01	8.04E+01	U
SE	52	363348001	12/15/2014	Co-60	-5.19E+00	2.18E+01	7.26E+01	U
SE	52	363348001	12/15/2014	Cr-51	2.38E+02	2.46E+02	8.59E+02	U
SE	52	363348001	12/15/2014	Cs-134	7.69E+01	3.84E+01	1.05E+02	U
SE	52	363348001	12/15/2014	Cs-137	-1.97E+01	2.40E+01	7.78E+01	U
SE	52	363348001	12/15/2014	Fe-59	-7.15E+01	5.92E+01	1.79E+02	U
SE	52	363348001	12/15/2014	I-131	-1.77E+02	1.23E+02	3.78E+02	U
SE	52	363348001	12/15/2014	K-40	1.30E+04	8.97E+02	5.58E+02	
SE	52	363348001	12/15/2014	La-140	1.66E+00	9.31E+01	2.80E+02	U
SE	52	363348001	12/15/2014	Mn-54	-5.10E+00	2.35E+01	7.78E+01	U
SE	52	363348001	12/15/2014	Nb-95	2.39E+01	3.00E+01	9.06E+01	U
SE	52	363348001	12/15/2014	Pb-212	2.37E+03	1.25E+02	1.10E+02	
SE	52	363348001	12/15/2014	Pb-214	0.00E+00	1.23E+02	3.34E+02	U
SE	52	363348001	12/15/2014	Ra-226	1.50E+03	1.15E+02	1.31E+02	
SE	52	363348001	12/15/2014	Ru-103	7.22E+00	2.48E+01	8.83E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	52	363348001	12/15/2014	Ru-106	-6.02E+01	1.77E+02	6.00E+02	U
SE	52	363348001	12/15/2014	Sb-124	-7.10E+01	4.40E+01	1.06E+02	U
SE	52	363348001	12/15/2014	Sb-125	-7.99E+01	5.42E+01	1.61E+02	U
SE	52	363348001	12/15/2014	Se-75	-1.22E+01	2.61E+01	8.38E+01	U
SE	52	363348001	12/15/2014	Th-228	2.37E+03	1.25E+02	1.10E+02	
SE	52	363348001	12/15/2014	Th-230	1.50E+03	1.15E+02	1.31E+02	
SE	52	363348001	12/15/2014	Tl-208	7.74E+02	6.59E+01	7.34E+01	
SE	52	363348001	12/15/2014	Zn-65	1.21E+01	5.23E+01	1.55E+02	U
SE	52	363348001	12/15/2014	Zr-95	4.69E+01	4.86E+01	1.67E+02	U
SE	57	349603003	5/21/2014	Ac-228	3.89E+02	8.62E+01	1.23E+02	
SE	57	349603003	5/21/2014	Ag-108m	-1.18E+00	8.16E+00	2.79E+01	U
SE	57	349603003	5/21/2014	Ag-110m	-1.95E+01	1.56E+01	4.62E+01	U
SE	57	349603003	5/21/2014	Ba-140	2.01E+01	2.20E+01	7.86E+01	U
SE	57	349603003	5/21/2014	Be-7	-1.09E+01	8.66E+01	2.94E+02	U
SE	57	349603003	5/21/2014	Bi-214	2.44E+02	4.36E+01	7.40E+01	
SE	57	349603003	5/21/2014	Ce-141	-3.37E-01	2.12E+01	5.28E+01	U
SE	57	349603003	5/21/2014	Ce-144	4.56E+00	5.21E+01	1.84E+02	U
SE	57	349603003	5/21/2014	Co-57	9.12E+00	7.26E+00	2.56E+01	U
SE	57	349603003	5/21/2014	Co-58	9.23E+00	9.82E+00	3.51E+01	U
SE	57	349603003	5/21/2014	Co-60	-1.28E+00	1.37E+01	4.45E+01	U
SE	57	349603003	5/21/2014	Cr-51	-1.54E+02	1.05E+02	3.25E+02	U
SE	57	349603003	5/21/2014	Cs-134	4.16E+01	2.47E+01	5.10E+01	U
SE	57	349603003	5/21/2014	Cs-137	1.23E+01	1.19E+01	4.07E+01	U
SE	57	349603003	5/21/2014	Fe-59	3.47E+00	2.97E+01	9.98E+01	U
SE	57	349603003	5/21/2014	I-131	6.29E+01	3.18E+01	8.78E+01	U
SE	57	349603003	5/21/2014	K-40	1.68E+04	9.51E+02	2.91E+02	
SE	57	349603003	5/21/2014	La-140	2.01E+01	2.20E+01	7.86E+01	U
SE	57	349603003	5/21/2014	Mn-54	1.98E+00	9.91E+00	3.44E+01	U
SE	57	349603003	5/21/2014	Nb-95	9.70E+00	1.25E+01	4.42E+01	U
SE	57	349603003	5/21/2014	Pb-212	3.75E+02	3.74E+01	5.40E+01	
SE	57	349603003	5/21/2014	Pb-214	2.90E+02	3.98E+01	7.39E+01	
SE	57	349603003	5/21/2014	Ra-226	2.44E+02	4.36E+01	7.40E+01	
SE	57	349603003	5/21/2014	Ru-103	1.49E+01	1.35E+01	4.19E+01	U
SE	57	349603003	5/21/2014	Ru-106	7.97E+01	8.89E+01	3.07E+02	U
SE	57	349603003	5/21/2014	Sb-124	6.78E-01	2.16E+01	7.20E+01	U
SE	57	349603003	5/21/2014	Sb-125	-1.87E+01	2.68E+01	8.82E+01	U
SE	57	349603003	5/21/2014	Se-75	-1.20E+01	1.18E+01	3.93E+01	U
SE	57	349603003	5/21/2014	Th-228	3.75E+02	3.74E+01	5.40E+01	
SE	57	349603003	5/21/2014	Th-230	2.44E+02	4.36E+01	7.40E+01	
SE	57	349603003	5/21/2014	Tl-208	1.20E+02	1.99E+01	3.41E+01	
SE	57	349603003	5/21/2014	Zn-65	7.51E+01	3.39E+01	1.02E+02	U
SE	57	349603003	5/21/2014	Zr-95	2.81E+01	2.00E+01	7.11E+01	U
SE	57	362191003	11/17/2014	Ac-228	0.00E+00	9.48E+01	1.61E+02	U
SE	57	362191003	11/17/2014	Ag-108m	-2.77E+00	1.14E+01	3.55E+01	U
SE	57	362191003	11/17/2014	Ag-110m	2.20E+01	2.40E+01	7.31E+01	U
SE	57	362191003	11/17/2014	Ba-140	3.29E+01	1.05E+02	3.64E+02	U
SE	57	362191003	11/17/2014	Be-7	-7.41E+00	1.62E+02	5.66E+02	U
SE	57	362191003	11/17/2014	Bi-214	0.00E+00	1.05E+02	1.51E+02	U
SE	57	362191003	11/17/2014	Ce-141	7.16E+01	6.49E+01	1.43E+02	U
SE	57	362191003	11/17/2014	Ce-144	5.79E+01	7.37E+01	2.67E+02	U
SE	57	362191003	11/17/2014	Co-57	1.17E-01	9.49E+00	3.43E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	57	362191003	11/17/2014	Co-58	1.37E+01	1.94E+01	6.80E+01	U
SE	57	362191003	11/17/2014	Co-60	-3.61E+00	1.70E+01	5.58E+01	U
SE	57	362191003	11/17/2014	Cr-51	8.27E+01	2.46E+02	8.68E+02	U
SE	57	362191003	11/17/2014	Cs-134	2.17E+00	1.41E+01	4.87E+01	U
SE	57	362191003	11/17/2014	Cs-137	1.73E+01	1.49E+01	5.12E+01	U
SE	57	362191003	11/17/2014	Fe-59	-3.84E+01	5.42E+01	1.75E+02	U
SE	57	362191003	11/17/2014	I-131	2.08E+02	3.51E+02	1.24E+03	U
SE	57	362191003	11/17/2014	K-40	1.63E+04	1.02E+03	3.99E+02	
SE	57	362191003	11/17/2014	La-140	3.29E+01	1.05E+02	3.64E+02	U
SE	57	362191003	11/17/2014	Mn-54	-5.95E-01	1.35E+01	4.60E+01	U
SE	57	362191003	11/17/2014	Nb-95	4.71E+00	1.89E+01	6.58E+01	U
SE	57	362191003	11/17/2014	Pb-212	3.56E+02	5.76E+01	8.31E+01	
SE	57	362191003	11/17/2014	Pb-214	3.59E+02	5.43E+01	9.05E+01	
SE	57	362191003	11/17/2014	Ra-226	0.00E+00	1.05E+02	1.51E+02	U
SE	57	362191003	11/17/2014	Ru-103	-1.23E+01	2.53E+01	7.26E+01	U
SE	57	362191003	11/17/2014	Ru-106	1.39E+02	1.24E+02	4.06E+02	U
SE	57	362191003	11/17/2014	Sb-124	-1.69E+01	3.11E+01	9.51E+01	U
SE	57	362191003	11/17/2014	Sb-125	2.31E+00	2.85E+01	1.01E+02	U
SE	57	362191003	11/17/2014	Se-75	-1.31E+01	1.93E+01	6.17E+01	U
SE	57	362191003	11/17/2014	Th-228	3.56E+02	5.76E+01	8.31E+01	
SE	57	362191003	11/17/2014	Th-230	0.00E+00	1.05E+02	1.51E+02	U
SE	57	362191003	11/17/2014	Tl-208	1.12E+02	2.41E+01	4.28E+01	
SE	57	362191003	11/17/2014	Zn-65	-5.99E+01	4.12E+01	1.21E+02	U
SE	57	362191003	11/17/2014	Zr-95	5.07E+01	3.55E+01	1.25E+02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	02	351505001	6/24/2014	Ac-228	-4.25E-03	1.53E+01	5.32E+01	U
TF	02	351505001	6/24/2014	Ag-108m	-2.68E+00	2.96E+00	8.74E+00	U
TF	02	351505001	6/24/2014	Ag-110m	1.53E+00	4.98E+00	1.72E+01	U
TF	02	351505001	6/24/2014	Ba-140	-1.77E+00	5.91E+00	1.86E+01	U
TF	02	351505001	6/24/2014	Be-7	3.34E+01	3.28E+01	1.14E+02	U
TF	02	351505001	6/24/2014	Ce-141	8.77E+00	6.48E+00	2.16E+01	U
TF	02	351505001	6/24/2014	Ce-144	1.53E+01	1.98E+01	6.68E+01	U
TF	02	351505001	6/24/2014	Co-57	1.54E+00	2.61E+00	8.81E+00	U
TF	02	351505001	6/24/2014	Co-58	-4.02E+00	3.91E+00	1.13E+01	U
TF	02	351505001	6/24/2014	Co-60	1.28E+01	4.93E+00	1.83E+01	U
TF	02	351505001	6/24/2014	Cr-51	-5.92E+01	3.30E+01	8.49E+01	U
TF	02	351505001	6/24/2014	Cs-134	5.14E-01	3.46E+00	1.18E+01	U
TF	02	351505001	6/24/2014	Cs-137	1.40E+00	4.26E+00	1.42E+01	U
TF	02	351505001	6/24/2014	Fe-59	-6.06E+00	8.52E+00	2.51E+01	U
TF	02	351505001	6/24/2014	I-131	4.08E+00	7.35E+00	2.53E+01	U
TF	02	351505001	6/24/2014	K-40	1.20E+03	1.49E+02	1.74E+02	
TF	02	351505001	6/24/2014	La-140	-1.77E+00	5.91E+00	1.86E+01	U
TF	02	351505001	6/24/2014	Mn-54	5.82E+00	3.70E+00	1.35E+01	U
TF	02	351505001	6/24/2014	Nb-95	-7.01E+00	4.76E+00	1.19E+01	U
TF	02	351505001	6/24/2014	Ru-103	3.90E+00	3.99E+00	1.39E+01	U
TF	02	351505001	6/24/2014	Ru-106	-3.11E+01	3.16E+01	8.83E+01	U
TF	02	351505001	6/24/2014	Sb-124	7.08E+00	8.36E+00	3.16E+01	U
TF	02	351505001	6/24/2014	Sb-125	1.09E+01	9.90E+00	3.46E+01	U
TF	02	351505001	6/24/2014	Se-75	4.07E+00	4.73E+00	1.58E+01	U
TF	02	351505001	6/24/2014	Th-228	-9.37E+00	8.07E+00	2.14E+01	U
TF	02	351505001	6/24/2014	Zn-65	-2.10E+00	8.07E+00	2.56E+01	U
TF	02	351505001	6/24/2014	Zr-95	-9.46E+00	6.37E+00	1.46E+01	U
TF	02	353515001	7/22/2014	Ac-228	3.03E+01	2.03E+01	7.13E+01	U
TF	02	353515001	7/22/2014	Ag-108m	-9.53E+00	4.89E+00	1.17E+01	U
TF	02	353515001	7/22/2014	Ag-110m	-4.37E+00	7.40E+00	2.31E+01	U
TF	02	353515001	7/22/2014	Ba-140	4.41E-01	6.45E+00	2.18E+01	U
TF	02	353515001	7/22/2014	Be-7	-3.59E+00	4.14E+01	1.36E+02	U
TF	02	353515001	7/22/2014	Ce-141	1.28E+01	9.29E+00	3.08E+01	U
TF	02	353515001	7/22/2014	Ce-144	-8.00E+00	3.09E+01	1.01E+02	U
TF	02	353515001	7/22/2014	Co-57	5.81E+00	4.16E+00	1.39E+01	U
TF	02	353515001	7/22/2014	Co-58	1.11E+01	6.54E+00	2.29E+01	U
TF	02	353515001	7/22/2014	Co-60	1.07E+01	5.93E+00	2.19E+01	U
TF	02	353515001	7/22/2014	Cr-51	-5.50E+01	5.33E+01	1.65E+02	U
TF	02	353515001	7/22/2014	Cs-134	-1.05E+01	6.75E+00	1.81E+01	U
TF	02	353515001	7/22/2014	Cs-137	1.43E+00	5.69E+00	1.89E+01	U
TF	02	353515001	7/22/2014	Fe-59	-2.45E+00	1.23E+01	3.95E+01	U
TF	02	353515001	7/22/2014	I-131	-1.22E+01	1.10E+01	3.33E+01	U
TF	02	353515001	7/22/2014	K-40	2.16E+03	2.05E+02	7.03E+01	
TF	02	353515001	7/22/2014	La-140	4.41E-01	6.45E+00	2.18E+01	U
TF	02	353515001	7/22/2014	Mn-54	-6.65E+00	5.70E+00	1.64E+01	U
TF	02	353515001	7/22/2014	Nb-95	4.45E+00	5.53E+00	1.81E+01	U
TF	02	353515001	7/22/2014	Ru-103	-3.19E+00	5.80E+00	1.82E+01	U
TF	02	353515001	7/22/2014	Ru-106	-1.22E+01	5.82E+01	1.60E+02	U
TF	02	353515001	7/22/2014	Sb-124	-1.70E+00	9.15E+00	2.92E+01	U
TF	02	353515001	7/22/2014	Sb-125	2.71E+00	1.33E+01	4.50E+01	U
TF	02	353515001	7/22/2014	Se-75	7.57E+00	7.42E+00	2.45E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	02	353515001	7/22/2014	Th-228	-1.31E+00	1.01E+01	3.28E+01	U
TF	02	353515001	7/22/2014	Zn-65	4.99E+00	1.28E+01	4.36E+01	U
TF	02	353515001	7/22/2014	Zr-95	-4.60E+00	9.76E+00	2.98E+01	U
TF	02	355389001	8/19/2014	Ac-228	1.58E+01	1.16E+01	2.35E+01	U
TF	02	355389001	8/19/2014	Ag-108m	-1.86E+00	1.35E+00	4.05E+00	U
TF	02	355389001	8/19/2014	Ag-110m	9.99E-01	2.08E+00	7.05E+00	U
TF	02	355389001	8/19/2014	Ba-140	-2.05E+00	2.11E+00	6.29E+00	U
TF	02	355389001	8/19/2014	Be-7	0.00E+00	3.30E+01	4.00E+01	U
TF	02	355389001	8/19/2014	Ce-141	3.53E+00	2.52E+00	7.83E+00	U
TF	02	355389001	8/19/2014	Ce-144	-1.07E+01	9.19E+00	2.79E+01	U
TF	02	355389001	8/19/2014	Co-57	1.74E+00	1.19E+00	3.70E+00	U
TF	02	355389001	8/19/2014	Co-58	-2.06E+00	1.76E+00	4.89E+00	U
TF	02	355389001	8/19/2014	Co-60	9.14E-01	1.63E+00	5.45E+00	U
TF	02	355389001	8/19/2014	Cr-51	1.45E+01	1.35E+01	4.44E+01	U
TF	02	355389001	8/19/2014	Cs-134	2.08E+00	1.90E+00	5.38E+00	U
TF	02	355389001	8/19/2014	Cs-137	6.86E-01	1.49E+00	4.88E+00	U
TF	02	355389001	8/19/2014	Fe-59	2.90E+00	3.55E+00	1.19E+01	U
TF	02	355389001	8/19/2014	I-131	-2.59E+00	2.49E+00	7.82E+00	U
TF	02	355389001	8/19/2014	K-40	4.15E+03	2.05E+02	4.42E+01	
TF	02	355389001	8/19/2014	La-140	-2.05E+00	2.11E+00	6.29E+00	U
TF	02	355389001	8/19/2014	Mn-54	3.04E+00	1.68E+00	5.20E+00	U
TF	02	355389001	8/19/2014	Nb-95	8.31E-01	1.55E+00	5.05E+00	U
TF	02	355389001	8/19/2014	Ru-103	-3.49E-01	1.44E+00	4.68E+00	U
TF	02	355389001	8/19/2014	Ru-106	-5.80E+00	1.26E+01	4.03E+01	U
TF	02	355389001	8/19/2014	Sb-124	2.71E+00	3.21E+00	9.55E+00	U
TF	02	355389001	8/19/2014	Sb-125	-1.53E+00	3.80E+00	1.24E+01	U
TF	02	355389001	8/19/2014	Se-75	1.44E+00	1.83E+00	6.09E+00	U
TF	02	355389001	8/19/2014	Th-228	6.11E+00	3.76E+00	9.02E+00	U
TF	02	355389001	8/19/2014	Zn-65	-7.17E+00	4.18E+00	1.19E+01	U
TF	02	355389001	8/19/2014	Zr-95	9.19E-01	2.72E+00	8.84E+00	U
TF	03	351505002	6/24/2014	Ac-228	1.60E+01	1.84E+01	6.57E+01	U
TF	03	351505002	6/24/2014	Ag-108m	-1.02E+00	3.20E+00	9.93E+00	U
TF	03	351505002	6/24/2014	Ag-110m	1.32E+00	5.93E+00	1.95E+01	U
TF	03	351505002	6/24/2014	Ba-140	1.23E+01	6.09E+00	2.51E+01	U
TF	03	351505002	6/24/2014	Be-7	4.45E+01	3.41E+01	1.20E+02	U
TF	03	351505002	6/24/2014	Ce-141	-7.18E-01	6.26E+00	1.97E+01	U
TF	03	351505002	6/24/2014	Ce-144	4.05E+00	2.36E+01	7.59E+01	U
TF	03	351505002	6/24/2014	Co-57	-2.06E+00	3.07E+00	9.36E+00	U
TF	03	351505002	6/24/2014	Co-58	3.14E+00	3.63E+00	1.28E+01	U
TF	03	351505002	6/24/2014	Co-60	-2.77E+00	4.07E+00	1.16E+01	U
TF	03	351505002	6/24/2014	Cr-51	-8.26E+01	4.13E+01	9.96E+01	U
TF	03	351505002	6/24/2014	Cs-134	-1.00E+00	4.63E+00	1.47E+01	U
TF	03	351505002	6/24/2014	Cs-137	4.59E+00	4.30E+00	1.51E+01	U
TF	03	351505002	6/24/2014	Fe-59	9.63E+00	8.76E+00	3.16E+01	U
TF	03	351505002	6/24/2014	I-131	-2.43E+00	7.72E+00	2.44E+01	U
TF	03	351505002	6/24/2014	K-40	1.51E+03	1.61E+02	1.12E+02	
TF	03	351505002	6/24/2014	La-140	1.23E+01	6.09E+00	2.51E+01	U
TF	03	351505002	6/24/2014	Mn-54	-8.32E-01	3.84E+00	1.21E+01	U
TF	03	351505002	6/24/2014	Nb-95	4.52E+00	3.84E+00	1.26E+01	U
TF	03	351505002	6/24/2014	Ru-103	4.56E+00	3.87E+00	1.37E+01	U
TF	03	351505002	6/24/2014	Ru-106	-4.95E+01	3.62E+01	9.68E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	03	351505002	6/24/2014	Sb-124	7.18E+00	8.57E+00	3.24E+01	U
TF	03	351505002	6/24/2014	Sb-125	1.08E+01	1.08E+01	3.69E+01	U
TF	03	351505002	6/24/2014	Se-75	5.03E+00	5.14E+00	1.75E+01	U
TF	03	351505002	6/24/2014	Th-228	-1.09E+00	7.20E+00	2.46E+01	U
TF	03	351505002	6/24/2014	Zn-65	5.88E-01	1.08E+01	3.60E+01	U
TF	03	351505002	6/24/2014	Zr-95	7.73E+00	6.99E+00	2.48E+01	U
TF	03	353515002	7/22/2014	Ac-228	-5.36E+01	2.32E+01	4.82E+01	U
TF	03	353515002	7/22/2014	Ag-108m	-2.05E+00	3.68E+00	1.11E+01	U
TF	03	353515002	7/22/2014	Ag-110m	-2.72E+00	6.17E+00	1.90E+01	U
TF	03	353515002	7/22/2014	Ba-140	7.60E+00	8.63E+00	3.14E+01	U
TF	03	353515002	7/22/2014	Be-7	2.94E+01	3.60E+01	1.27E+02	U
TF	03	353515002	7/22/2014	Ce-141	1.28E+01	7.51E+00	2.15E+01	U
TF	03	353515002	7/22/2014	Ce-144	-7.18E+00	2.28E+01	7.54E+01	U
TF	03	353515002	7/22/2014	Co-57	-1.63E+00	3.05E+00	9.81E+00	U
TF	03	353515002	7/22/2014	Co-58	9.28E+00	5.19E+00	1.81E+01	U
TF	03	353515002	7/22/2014	Co-60	5.50E+00	4.81E+00	1.79E+01	U
TF	03	353515002	7/22/2014	Cr-51	-2.16E+01	4.25E+01	1.33E+02	U
TF	03	353515002	7/22/2014	Cs-134	8.19E+00	6.54E+00	2.09E+01	U
TF	03	353515002	7/22/2014	Cs-137	-1.51E+00	5.01E+00	1.62E+01	U
TF	03	353515002	7/22/2014	Fe-59	2.74E+00	1.02E+01	3.39E+01	U
TF	03	353515002	7/22/2014	I-131	1.82E+01	7.83E+00	2.23E+01	U
TF	03	353515002	7/22/2014	K-40	2.33E+03	2.06E+02	0.00E+00	
TF	03	353515002	7/22/2014	La-140	7.60E+00	8.63E+00	3.14E+01	U
TF	03	353515002	7/22/2014	Mn-54	-4.79E+00	4.42E+00	1.22E+01	U
TF	03	353515002	7/22/2014	Nb-95	1.07E+00	4.42E+00	1.49E+01	U
TF	03	353515002	7/22/2014	Ru-103	1.81E+00	3.96E+00	1.38E+01	U
TF	03	353515002	7/22/2014	Ru-106	-1.58E+00	3.70E+01	1.23E+02	U
TF	03	353515002	7/22/2014	Sb-124	1.06E+00	9.57E+00	3.21E+01	U
TF	03	353515002	7/22/2014	Sb-125	2.68E+01	1.29E+01	4.33E+01	U
TF	03	353515002	7/22/2014	Se-75	-5.86E-01	4.81E+00	1.57E+01	U
TF	03	353515002	7/22/2014	Th-228	1.76E+01	1.10E+01	2.75E+01	U
TF	03	353515002	7/22/2014	Zn-65	-1.80E+01	1.29E+01	3.27E+01	U
TF	03	353515002	7/22/2014	Zr-95	5.60E+00	9.21E+00	2.84E+01	U
TF	03	355389002	8/19/2014	Ac-228	2.96E-01	8.28E+00	2.48E+01	U
TF	03	355389002	8/19/2014	Ag-108m	-6.96E-01	1.46E+00	4.65E+00	U
TF	03	355389002	8/19/2014	Ag-110m	4.70E-02	2.38E+00	7.96E+00	U
TF	03	355389002	8/19/2014	Ba-140	-2.44E+00	2.35E+00	7.08E+00	U
TF	03	355389002	8/19/2014	Be-7	7.23E+01	2.40E+01	4.69E+01	
TF	03	355389002	8/19/2014	Ce-141	6.47E+00	2.67E+00	8.23E+00	U
TF	03	355389002	8/19/2014	Ce-144	-6.59E+00	1.11E+01	3.09E+01	U
TF	03	355389002	8/19/2014	Co-57	1.35E-01	1.22E+00	4.02E+00	U
TF	03	355389002	8/19/2014	Co-58	-8.79E-01	2.19E+00	5.93E+00	U
TF	03	355389002	8/19/2014	Co-60	1.54E+00	2.05E+00	6.74E+00	U
TF	03	355389002	8/19/2014	Cr-51	-3.79E+00	1.46E+01	4.78E+01	U
TF	03	355389002	8/19/2014	Cs-134	3.96E-01	3.17E+00	6.37E+00	U
TF	03	355389002	8/19/2014	Cs-137	3.28E+00	1.95E+00	6.18E+00	U
TF	03	355389002	8/19/2014	Fe-59	-3.30E+00	4.64E+00	1.48E+01	U
TF	03	355389002	8/19/2014	I-131	-3.23E+00	2.99E+00	9.28E+00	U
TF	03	355389002	8/19/2014	K-40	4.24E+03	2.04E+02	5.95E+01	
TF	03	355389002	8/19/2014	La-140	-2.44E+00	2.35E+00	7.08E+00	U
TF	03	355389002	8/19/2014	Mn-54	-1.11E+00	2.23E+00	5.99E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	03	355389002	8/19/2014	Nb-95	-1.09E+00	2.34E+00	5.88E+00	U
TF	03	355389002	8/19/2014	Ru-103	7.87E-01	1.68E+00	5.63E+00	U
TF	03	355389002	8/19/2014	Ru-106	1.62E+01	1.55E+01	5.08E+01	U
TF	03	355389002	8/19/2014	Sb-124	7.52E-01	3.15E+00	1.05E+01	U
TF	03	355389002	8/19/2014	Sb-125	-8.87E+00	4.76E+00	1.33E+01	U
TF	03	355389002	8/19/2014	Se-75	-2.40E+00	2.09E+00	6.58E+00	U
TF	03	355389002	8/19/2014	Th-228	1.00E+00	4.76E+00	8.71E+00	U
TF	03	355389002	8/19/2014	Zn-65	-5.55E+00	4.83E+00	1.48E+01	U
TF	03	355389002	8/19/2014	Zr-95	4.94E-01	3.52E+00	1.02E+01	U
TF	06	351505003	6/24/2014	Ac-228	-2.53E+01	1.54E+01	4.49E+01	U
TF	06	351505003	6/24/2014	Ag-108m	5.63E+00	3.48E+00	9.90E+00	U
TF	06	351505003	6/24/2014	Ag-110m	-4.11E+00	5.58E+00	1.70E+01	U
TF	06	351505003	6/24/2014	Ba-140	-2.17E+00	5.98E+00	1.83E+01	U
TF	06	351505003	6/24/2014	Be-7	-1.78E+01	2.92E+01	9.13E+01	U
TF	06	351505003	6/24/2014	Ce-141	-9.17E-01	5.09E+00	1.65E+01	U
TF	06	351505003	6/24/2014	Ce-144	-8.04E-01	1.97E+01	6.21E+01	U
TF	06	351505003	6/24/2014	Co-57	-3.69E-01	2.60E+00	7.28E+00	U
TF	06	351505003	6/24/2014	Co-58	-3.10E+00	3.66E+00	1.09E+01	U
TF	06	351505003	6/24/2014	Co-60	-7.81E-01	4.13E+00	1.34E+01	U
TF	06	351505003	6/24/2014	Cr-51	3.30E+01	3.04E+01	1.03E+02	U
TF	06	351505003	6/24/2014	Cs-134	3.43E+00	4.38E+00	1.38E+01	U
TF	06	351505003	6/24/2014	Cs-137	1.31E+00	3.69E+00	1.22E+01	U
TF	06	351505003	6/24/2014	Fe-59	4.63E+00	7.88E+00	2.71E+01	U
TF	06	351505003	6/24/2014	I-131	-4.21E-01	6.45E+00	2.06E+01	U
TF	06	351505003	6/24/2014	K-40	1.51E+03	1.47E+02	6.38E+01	
TF	06	351505003	6/24/2014	La-140	-2.17E+00	5.98E+00	1.83E+01	U
TF	06	351505003	6/24/2014	Mn-54	3.20E+00	3.63E+00	1.28E+01	U
TF	06	351505003	6/24/2014	Nb-95	6.84E+00	3.84E+00	1.25E+01	U
TF	06	351505003	6/24/2014	Ru-103	1.30E+00	3.10E+00	1.06E+01	U
TF	06	351505003	6/24/2014	Ru-106	-1.61E+01	3.29E+01	1.02E+02	U
TF	06	351505003	6/24/2014	Sb-124	1.72E+00	8.78E+00	2.96E+01	U
TF	06	351505003	6/24/2014	Sb-125	-1.00E+01	1.08E+01	2.75E+01	U
TF	06	351505003	6/24/2014	Se-75	-3.73E+00	4.15E+00	1.25E+01	U
TF	06	351505003	6/24/2014	Th-228	-6.89E+00	6.94E+00	2.17E+01	U
TF	06	351505003	6/24/2014	Zn-65	9.20E+00	9.13E+00	3.18E+01	U
TF	06	351505003	6/24/2014	Zr-95	1.21E+01	9.20E+00	2.33E+01	U
TF	06	353515003	7/22/2014	Ac-228	-1.58E+01	1.11E+01	2.99E+01	U
TF	06	353515003	7/22/2014	Ag-108m	1.40E+00	2.15E+00	6.20E+00	U
TF	06	353515003	7/22/2014	Ag-110m	-2.23E+00	3.04E+00	9.33E+00	U
TF	06	353515003	7/22/2014	Ba-140	6.75E-01	2.91E+00	9.81E+00	U
TF	06	353515003	7/22/2014	Be-7	-6.03E+00	1.77E+01	5.86E+01	U
TF	06	353515003	7/22/2014	Ce-141	-3.89E-01	3.77E+00	1.09E+01	U
TF	06	353515003	7/22/2014	Ce-144	-7.41E+00	1.22E+01	4.00E+01	U
TF	06	353515003	7/22/2014	Co-57	-1.47E+00	1.74E+00	5.09E+00	U
TF	06	353515003	7/22/2014	Co-58	1.64E+00	2.41E+00	7.17E+00	U
TF	06	353515003	7/22/2014	Co-60	4.21E+00	2.95E+00	1.01E+01	U
TF	06	353515003	7/22/2014	Cr-51	-2.81E+00	2.04E+01	6.60E+01	U
TF	06	353515003	7/22/2014	Cs-134	4.35E+00	2.74E+00	8.24E+00	U
TF	06	353515003	7/22/2014	Cs-137	1.38E+00	2.18E+00	7.41E+00	U
TF	06	353515003	7/22/2014	Fe-59	3.45E+00	5.22E+00	1.73E+01	U
TF	06	353515003	7/22/2014	I-131	-2.07E+00	4.40E+00	1.39E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	06	353515003	7/22/2014	K-40	1.94E+03	1.24E+02	7.32E+01	
TF	06	353515003	7/22/2014	La-140	6.75E-01	2.91E+00	9.81E+00	U
TF	06	353515003	7/22/2014	Mn-54	-4.75E-01	2.28E+00	7.40E+00	U
TF	06	353515003	7/22/2014	Nb-95	3.14E+00	2.36E+00	7.90E+00	U
TF	06	353515003	7/22/2014	Ru-103	-3.43E+00	2.17E+00	6.25E+00	U
TF	06	353515003	7/22/2014	Ru-106	1.60E+01	1.80E+01	6.14E+01	U
TF	06	353515003	7/22/2014	Sb-124	-4.85E+00	4.46E+00	1.22E+01	U
TF	06	353515003	7/22/2014	Sb-125	-6.17E+00	5.85E+00	1.73E+01	U
TF	06	353515003	7/22/2014	Se-75	1.91E+00	3.00E+00	9.93E+00	U
TF	06	353515003	7/22/2014	Th-228	-3.67E-01	4.32E+00	1.35E+01	U
TF	06	353515003	7/22/2014	Zn-65	-2.19E+00	5.90E+00	1.80E+01	U
TF	06	353515003	7/22/2014	Zr-95	-2.86E+00	3.83E+00	1.19E+01	U
TF	06	355389003	8/19/2014	Ac-228	3.32E+00	7.05E+00	2.12E+01	U
TF	06	355389003	8/19/2014	Ag-108m	-2.66E+00	1.26E+00	3.43E+00	U
TF	06	355389003	8/19/2014	Ag-110m	2.16E+00	2.14E+00	7.14E+00	U
TF	06	355389003	8/19/2014	Ba-140	-1.38E+00	2.09E+00	6.43E+00	U
TF	06	355389003	8/19/2014	Be-7	1.09E+01	1.18E+01	3.93E+01	U
TF	06	355389003	8/19/2014	Ce-141	3.01E+00	1.95E+00	5.67E+00	U
TF	06	355389003	8/19/2014	Ce-144	4.97E+00	6.52E+00	2.07E+01	U
TF	06	355389003	8/19/2014	Co-57	-8.28E-01	7.89E-01	2.38E+00	U
TF	06	355389003	8/19/2014	Co-58	6.71E-01	1.52E+00	5.12E+00	U
TF	06	355389003	8/19/2014	Co-60	1.94E+00	1.71E+00	5.74E+00	U
TF	06	355389003	8/19/2014	Cr-51	-1.55E+01	1.19E+01	3.53E+01	U
TF	06	355389003	8/19/2014	Cs-134	-4.23E+00	1.96E+00	5.19E+00	U
TF	06	355389003	8/19/2014	Cs-137	-2.17E+00	1.50E+00	4.30E+00	U
TF	06	355389003	8/19/2014	Fe-59	2.04E+00	3.60E+00	1.18E+01	U
TF	06	355389003	8/19/2014	I-131	-1.65E+00	2.37E+00	7.36E+00	U
TF	06	355389003	8/19/2014	K-40	2.27E+03	1.24E+02	4.48E+01	
TF	06	355389003	8/19/2014	La-140	-1.38E+00	2.09E+00	6.43E+00	U
TF	06	355389003	8/19/2014	Mn-54	-1.14E-01	1.47E+00	4.87E+00	U
TF	06	355389003	8/19/2014	Nb-95	1.92E+00	1.78E+00	4.42E+00	U
TF	06	355389003	8/19/2014	Ru-103	-1.56E-01	1.91E+00	4.62E+00	U
TF	06	355389003	8/19/2014	Ru-106	-2.44E+01	1.41E+01	3.93E+01	U
TF	06	355389003	8/19/2014	Sb-124	3.74E+00	3.25E+00	1.10E+01	U
TF	06	355389003	8/19/2014	Sb-125	8.89E+00	3.91E+00	1.19E+01	U
TF	06	355389003	8/19/2014	Se-75	2.63E+00	1.66E+00	5.23E+00	U
TF	06	355389003	8/19/2014	Th-228	4.40E-01	3.12E+00	7.26E+00	U
TF	06	355389003	8/19/2014	Zn-65	-7.21E-01	3.76E+00	1.21E+01	U
TF	06	355389003	8/19/2014	Zr-95	-8.55E-01	2.67E+00	8.64E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	08	349607001	5/27/2014	Ac-228	6.36E+01	2.81E+01	7.64E+01	U
TG	08	349607001	5/27/2014	Ag-108m	-4.01E+00	4.61E+00	1.24E+01	U
TG	08	349607001	5/27/2014	Ag-110m	-7.74E+00	8.06E+00	2.00E+01	U
TG	08	349607001	5/27/2014	Ba-140	-3.16E-01	7.72E+00	2.53E+01	U
TG	08	349607001	5/27/2014	Be-7	3.58E+02	8.50E+01	1.37E+02	
TG	08	349607001	5/27/2014	Ce-141	5.27E+00	8.12E+00	2.36E+01	U
TG	08	349607001	5/27/2014	Ce-144	1.90E+01	2.91E+01	9.59E+01	U
TG	08	349607001	5/27/2014	Co-57	-7.35E+00	4.17E+00	1.18E+01	U
TG	08	349607001	5/27/2014	Co-58	-9.34E+00	5.63E+00	1.51E+01	U
TG	08	349607001	5/27/2014	Co-60	8.77E+00	6.25E+00	2.14E+01	U
TG	08	349607001	5/27/2014	Cr-51	-5.12E+00	4.45E+01	1.50E+02	U
TG	08	349607001	5/27/2014	Cs-134	1.96E+00	5.23E+00	1.74E+01	U
TG	08	349607001	5/27/2014	Cs-137	6.71E+00	5.41E+00	1.62E+01	U
TG	08	349607001	5/27/2014	Fe-59	1.18E+00	1.03E+01	3.49E+01	U
TG	08	349607001	5/27/2014	I-131	3.10E+00	7.82E+00	2.66E+01	U
TG	08	349607001	5/27/2014	K-40	3.95E+03	2.69E+02	1.57E+02	
TG	08	349607001	5/27/2014	La-140	-3.16E-01	7.72E+00	2.53E+01	U
TG	08	349607001	5/27/2014	Mn-54	1.94E+00	4.92E+00	1.63E+01	U
TG	08	349607001	5/27/2014	Nb-95	1.20E+01	6.40E+00	2.05E+01	U
TG	08	349607001	5/27/2014	Ru-103	-8.08E+00	5.79E+00	1.59E+01	U
TG	08	349607001	5/27/2014	Ru-106	7.22E+01	4.73E+01	1.56E+02	U
TG	08	349607001	5/27/2014	Sb-124	6.92E+00	1.05E+01	3.64E+01	U
TG	08	349607001	5/27/2014	Sb-125	-1.66E+01	1.67E+01	4.47E+01	U
TG	08	349607001	5/27/2014	Se-75	-4.56E+00	6.51E+00	2.01E+01	U
TG	08	349607001	5/27/2014	Th-228	-8.73E+00	1.07E+01	3.10E+01	U
TG	08	349607001	5/27/2014	Zn-65	-9.07E+00	1.33E+01	3.57E+01	U
TG	08	349607001	5/27/2014	Zr-95	2.86E+00	1.02E+01	3.38E+01	U
TG	08	351505004	6/24/2014	Ac-228	4.54E+01	3.65E+01	1.01E+02	U
TG	08	351505004	6/24/2014	Ag-108m	4.97E+00	5.20E+00	1.70E+01	U
TG	08	351505004	6/24/2014	Ag-110m	-1.45E+00	8.70E+00	2.81E+01	U
TG	08	351505004	6/24/2014	Ba-140	-1.81E+01	9.76E+00	2.21E+01	U
TG	08	351505004	6/24/2014	Be-7	2.59E+02	6.68E+01	1.49E+02	
TG	08	351505004	6/24/2014	Ce-141	-6.63E+00	1.12E+01	3.20E+01	U
TG	08	351505004	6/24/2014	Ce-144	-1.69E+01	3.31E+01	1.09E+02	U
TG	08	351505004	6/24/2014	Co-57	2.94E+00	4.22E+00	1.43E+01	U
TG	08	351505004	6/24/2014	Co-58	7.81E-01	6.30E+00	2.08E+01	U
TG	08	351505004	6/24/2014	Co-60	1.12E+01	7.77E+00	2.67E+01	U
TG	08	351505004	6/24/2014	Cr-51	5.50E+01	5.39E+01	1.78E+02	U
TG	08	351505004	6/24/2014	Cs-134	4.45E+00	6.33E+00	2.14E+01	U
TG	08	351505004	6/24/2014	Cs-137	6.22E+00	6.70E+00	2.22E+01	U
TG	08	351505004	6/24/2014	Fe-59	2.19E+01	1.54E+01	5.06E+01	U
TG	08	351505004	6/24/2014	I-131	3.42E+00	1.10E+01	3.17E+01	U
TG	08	351505004	6/24/2014	K-40	3.47E+03	2.67E+02	2.18E+02	
TG	08	351505004	6/24/2014	La-140	-1.81E+01	9.76E+00	2.21E+01	U
TG	08	351505004	6/24/2014	Mn-54	4.20E+00	6.58E+00	2.20E+01	U
TG	08	351505004	6/24/2014	Nb-95	8.97E+00	6.87E+00	2.30E+01	U
TG	08	351505004	6/24/2014	Ru-103	5.29E-01	5.85E+00	1.98E+01	U
TG	08	351505004	6/24/2014	Ru-106	-3.22E+00	5.42E+01	1.80E+02	U
TG	08	351505004	6/24/2014	Sb-124	-4.98E+00	1.36E+01	4.28E+01	U
TG	08	351505004	6/24/2014	Sb-125	1.85E+01	1.69E+01	5.51E+01	U
TG	08	351505004	6/24/2014	Se-75	5.70E-01	7.27E+00	2.40E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	08	351505004	6/24/2014	Th-228	7.21E+00	1.33E+01	3.91E+01	U
TG	08	351505004	6/24/2014	Zn-65	-3.21E+01	1.84E+01	4.71E+01	U
TG	08	351505004	6/24/2014	Zr-95	-1.60E+01	1.12E+01	3.15E+01	U
TG	08	353515004	7/22/2014	Ac-228	6.81E+00	2.61E+01	8.52E+01	U
TG	08	353515004	7/22/2014	Ag-108m	-8.28E+00	4.74E+00	1.31E+01	U
TG	08	353515004	7/22/2014	Ag-110m	-4.25E+00	6.91E+00	2.22E+01	U
TG	08	353515004	7/22/2014	Ba-140	-1.11E+00	9.43E+00	2.57E+01	U
TG	08	353515004	7/22/2014	Be-7	7.72E+02	1.06E+02	1.48E+02	
TG	08	353515004	7/22/2014	Ce-141	2.53E+01	1.94E+01	2.80E+01	U
TG	08	353515004	7/22/2014	Ce-144	-1.55E+01	3.03E+01	9.59E+01	U
TG	08	353515004	7/22/2014	Co-57	-4.16E+00	4.19E+00	1.28E+01	U
TG	08	353515004	7/22/2014	Co-58	1.71E+00	4.80E+00	1.64E+01	U
TG	08	353515004	7/22/2014	Co-60	6.43E+00	5.63E+00	1.92E+01	U
TG	08	353515004	7/22/2014	Cr-51	4.99E+01	4.93E+01	1.66E+02	U
TG	08	353515004	7/22/2014	Cs-134	-6.71E+00	5.99E+00	1.84E+01	U
TG	08	353515004	7/22/2014	Cs-137	1.13E+01	6.14E+00	1.96E+01	U
TG	08	353515004	7/22/2014	Fe-59	-3.58E+00	1.19E+01	3.85E+01	U
TG	08	353515004	7/22/2014	I-131	-9.40E+00	9.89E+00	3.10E+01	U
TG	08	353515004	7/22/2014	K-40	3.66E+03	2.58E+02	1.77E+02	
TG	08	353515004	7/22/2014	La-140	-1.11E+00	9.43E+00	2.57E+01	U
TG	08	353515004	7/22/2014	Mn-54	-3.22E-01	5.20E+00	1.74E+01	U
TG	08	353515004	7/22/2014	Nb-95	3.48E+00	5.35E+00	1.84E+01	U
TG	08	353515004	7/22/2014	Ru-103	-8.32E+00	5.78E+00	1.67E+01	U
TG	08	353515004	7/22/2014	Ru-106	-6.64E+01	5.02E+01	1.44E+02	U
TG	08	353515004	7/22/2014	Sb-124	1.38E+01	1.22E+01	4.33E+01	U
TG	08	353515004	7/22/2014	Sb-125	2.40E+01	1.45E+01	4.73E+01	U
TG	08	353515004	7/22/2014	Se-75	-6.10E+00	6.88E+00	2.22E+01	U
TG	08	353515004	7/22/2014	Th-228	1.55E+01	1.54E+01	3.68E+01	U
TG	08	353515004	7/22/2014	Zn-65	-5.91E+00	1.30E+01	3.55E+01	U
TG	08	353515004	7/22/2014	Zr-95	-1.54E+01	9.68E+00	2.56E+01	U
TG	08	355389004	8/19/2014	Ac-228	2.81E+01	3.14E+01	4.74E+01	U
TG	08	355389004	8/19/2014	Ag-108m	4.17E+00	3.48E+00	1.11E+01	U
TG	08	355389004	8/19/2014	Ag-110m	-1.13E+00	5.12E+00	1.65E+01	U
TG	08	355389004	8/19/2014	Ba-140	-1.08E+01	6.34E+00	1.67E+01	U
TG	08	355389004	8/19/2014	Be-7	9.71E+02	8.06E+01	1.07E+02	
TG	08	355389004	8/19/2014	Ce-141	-1.40E+00	7.55E+00	1.84E+01	U
TG	08	355389004	8/19/2014	Ce-144	-1.88E+01	2.34E+01	6.41E+01	U
TG	08	355389004	8/19/2014	Co-57	1.72E+00	2.65E+00	8.54E+00	U
TG	08	355389004	8/19/2014	Co-58	-2.63E+00	3.83E+00	1.21E+01	U
TG	08	355389004	8/19/2014	Co-60	0.00E+00	1.72E+01	1.39E+01	U
TG	08	355389004	8/19/2014	Cr-51	8.70E+01	4.03E+01	1.20E+02	U
TG	08	355389004	8/19/2014	Cs-134	1.03E+00	4.08E+00	1.35E+01	U
TG	08	355389004	8/19/2014	Cs-137	-2.68E+00	4.01E+00	1.29E+01	U
TG	08	355389004	8/19/2014	Fe-59	-3.76E+00	7.84E+00	2.56E+01	U
TG	08	355389004	8/19/2014	I-131	-8.70E-01	6.74E+00	2.19E+01	U
TG	08	355389004	8/19/2014	K-40	4.97E+03	2.89E+02	1.31E+02	
TG	08	355389004	8/19/2014	La-140	-1.08E+01	6.34E+00	1.67E+01	U
TG	08	355389004	8/19/2014	Mn-54	-3.08E+00	4.49E+00	1.29E+01	U
TG	08	355389004	8/19/2014	Nb-95	-5.61E+00	5.12E+00	1.31E+01	U
TG	08	355389004	8/19/2014	Ru-103	-1.67E+00	3.96E+00	1.24E+01	U
TG	08	355389004	8/19/2014	Ru-106	2.20E+00	3.35E+01	1.12E+02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	08	355389004	8/19/2014	Sb-124	1.30E+01	8.97E+00	2.98E+01	U
TG	08	355389004	8/19/2014	Sb-125	-4.94E+00	1.02E+01	3.23E+01	U
TG	08	355389004	8/19/2014	Se-75	-1.21E+00	4.78E+00	1.58E+01	U
TG	08	355389004	8/19/2014	Th-228	1.65E+01	1.04E+01	2.01E+01	U
TG	08	355389004	8/19/2014	Zn-65	1.18E+01	7.67E+00	2.73E+01	U
TG	08	355389004	8/19/2014	Zr-95	6.28E+00	7.09E+00	2.35E+01	U
TG	08	357005001	9/16/2014	Ac-228	-2.60E+01	2.13E+01	4.45E+01	U
TG	08	357005001	9/16/2014	Ag-108m	-1.98E+00	2.68E+00	8.70E+00	U
TG	08	357005001	9/16/2014	Ag-110m	-3.57E+00	3.08E+00	9.41E+00	U
TG	08	357005001	9/16/2014	Ba-140	-6.82E-01	4.67E+00	1.51E+01	U
TG	08	357005001	9/16/2014	Be-7	1.43E+03	8.40E+01	8.44E+01	
TG	08	357005001	9/16/2014	Ce-141	4.03E-01	5.37E+00	1.56E+01	U
TG	08	357005001	9/16/2014	Ce-144	1.68E+01	1.82E+01	5.78E+01	U
TG	08	357005001	9/16/2014	Co-57	1.68E+00	2.18E+00	7.21E+00	U
TG	08	357005001	9/16/2014	Co-58	7.06E-01	3.05E+00	9.97E+00	U
TG	08	357005001	9/16/2014	Co-60	-2.27E+00	4.52E+00	1.16E+01	U
TG	08	357005001	9/16/2014	Cr-51	3.31E+01	2.94E+01	9.33E+01	U
TG	08	357005001	9/16/2014	Cs-134	-2.47E+00	3.61E+00	1.06E+01	U
TG	08	357005001	9/16/2014	Cs-137	5.33E+00	3.37E+00	1.07E+01	U
TG	08	357005001	9/16/2014	Fe-59	-8.35E+00	6.44E+00	1.94E+01	U
TG	08	357005001	9/16/2014	I-131	4.59E+00	5.43E+00	1.83E+01	U
TG	08	357005001	9/16/2014	K-40	3.74E+03	2.07E+02	1.00E+02	
TG	08	357005001	9/16/2014	La-140	-6.82E-01	4.67E+00	1.51E+01	U
TG	08	357005001	9/16/2014	Mn-54	-9.15E+00	3.74E+00	8.92E+00	U
TG	08	357005001	9/16/2014	Nb-95	-7.51E+00	6.20E+00	1.05E+01	U
TG	08	357005001	9/16/2014	Ru-103	2.27E+00	3.09E+00	1.03E+01	U
TG	08	357005001	9/16/2014	Ru-106	-3.04E+01	2.79E+01	8.62E+01	U
TG	08	357005001	9/16/2014	Sb-124	3.00E+00	6.81E+00	2.25E+01	U
TG	08	357005001	9/16/2014	Sb-125	7.03E+00	8.05E+00	2.69E+01	U
TG	08	357005001	9/16/2014	Se-75	3.08E+00	3.97E+00	1.28E+01	U
TG	08	357005001	9/16/2014	Th-228	7.55E+00	8.34E+00	1.71E+01	U
TG	08	357005001	9/16/2014	Zn-65	-1.11E+01	7.64E+00	2.26E+01	U
TG	08	357005001	9/16/2014	Zr-95	-5.42E+00	5.72E+00	1.77E+01	U
TG	08	359266001	10/14/2014	Ac-228	2.92E+01	5.43E+01	8.88E+01	U
TG	08	359266001	10/14/2014	Ag-108m	2.14E+00	4.12E+00	1.37E+01	U
TG	08	359266001	10/14/2014	Ag-110m	3.40E-01	6.71E+00	2.22E+01	U
TG	08	359266001	10/14/2014	Ba-140	-4.58E+00	7.75E+00	2.46E+01	U
TG	08	359266001	10/14/2014	Be-7	9.17E+02	8.99E+01	1.29E+02	
TG	08	359266001	10/14/2014	Ce-141	-4.20E+00	1.07E+01	2.32E+01	U
TG	08	359266001	10/14/2014	Ce-144	-1.90E+01	2.71E+01	8.59E+01	U
TG	08	359266001	10/14/2014	Co-57	3.76E+00	3.65E+00	1.18E+01	U
TG	08	359266001	10/14/2014	Co-58	-1.31E+00	4.68E+00	1.54E+01	U
TG	08	359266001	10/14/2014	Co-60	4.99E+00	4.99E+00	1.70E+01	U
TG	08	359266001	10/14/2014	Cr-51	1.79E+00	4.14E+01	1.39E+02	U
TG	08	359266001	10/14/2014	Cs-134	4.58E+00	5.65E+00	1.74E+01	U
TG	08	359266001	10/14/2014	Cs-137	1.09E+01	6.48E+00	1.78E+01	U
TG	08	359266001	10/14/2014	Fe-59	-7.52E+00	1.00E+01	3.10E+01	U
TG	08	359266001	10/14/2014	I-131	3.00E+00	7.61E+00	2.54E+01	U
TG	08	359266001	10/14/2014	K-40	3.52E+03	2.31E+02	1.67E+02	
TG	08	359266001	10/14/2014	La-140	-4.58E+00	7.75E+00	2.46E+01	U
TG	08	359266001	10/14/2014	Mn-54	-2.06E+00	5.00E+00	1.63E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	08	359266001	10/14/2014	Nb-95	-5.50E+00	7.42E+00	1.63E+01	U
TG	08	359266001	10/14/2014	Ru-103	-1.56E+00	4.65E+00	1.49E+01	U
TG	08	359266001	10/14/2014	Ru-106	2.17E+01	4.53E+01	1.47E+02	U
TG	08	359266001	10/14/2014	Sb-124	-9.13E+00	1.17E+01	3.62E+01	U
TG	08	359266001	10/14/2014	Sb-125	-1.15E+01	1.28E+01	4.03E+01	U
TG	08	359266001	10/14/2014	Se-75	-6.17E+00	6.00E+00	1.86E+01	U
TG	08	359266001	10/14/2014	Th-228	1.32E+01	1.46E+01	3.17E+01	U
TG	08	359266001	10/14/2014	Zn-65	-3.22E+01	1.45E+01	3.53E+01	U
TG	08	359266001	10/14/2014	Zr-95	1.62E+01	9.06E+00	2.93E+01	U
TG	09	349607002	5/27/2014	Ac-228	-2.66E+00	2.32E+01	6.86E+01	U
TG	09	349607002	5/27/2014	Ag-108m	2.32E+00	4.43E+00	1.48E+01	U
TG	09	349607002	5/27/2014	Ag-110m	-1.78E+00	6.31E+00	2.08E+01	U
TG	09	349607002	5/27/2014	Ba-140	7.92E-01	7.29E+00	2.40E+01	U
TG	09	349607002	5/27/2014	Be-7	4.22E+02	7.00E+01	1.28E+02	
TG	09	349607002	5/27/2014	Ce-141	-8.23E+00	9.89E+00	2.52E+01	U
TG	09	349607002	5/27/2014	Ce-144	-3.11E+00	2.94E+01	9.44E+01	U
TG	09	349607002	5/27/2014	Co-57	-3.52E+00	3.80E+00	1.17E+01	U
TG	09	349607002	5/27/2014	Co-58	-5.81E+00	5.95E+00	1.52E+01	U
TG	09	349607002	5/27/2014	Co-60	-4.28E+00	5.49E+00	1.69E+01	U
TG	09	349607002	5/27/2014	Cr-51	2.09E+01	4.35E+01	1.46E+02	U
TG	09	349607002	5/27/2014	Cs-134	-3.87E-01	5.49E+00	1.52E+01	U
TG	09	349607002	5/27/2014	Cs-137	-7.30E+00	5.41E+00	1.55E+01	U
TG	09	349607002	5/27/2014	Fe-59	4.56E+00	1.22E+01	3.58E+01	U
TG	09	349607002	5/27/2014	I-131	-2.50E+01	1.09E+01	2.54E+01	U
TG	09	349607002	5/27/2014	K-40	3.99E+03	2.61E+02	1.33E+02	
TG	09	349607002	5/27/2014	La-140	7.92E-01	7.29E+00	2.40E+01	U
TG	09	349607002	5/27/2014	Mn-54	4.67E+00	4.99E+00	1.65E+01	U
TG	09	349607002	5/27/2014	Nb-95	4.21E+00	4.94E+00	1.64E+01	U
TG	09	349607002	5/27/2014	Ru-103	2.41E+00	4.85E+00	1.61E+01	U
TG	09	349607002	5/27/2014	Ru-106	6.41E+01	4.85E+01	1.59E+02	U
TG	09	349607002	5/27/2014	Sb-124	-1.51E+01	1.27E+01	3.52E+01	U
TG	09	349607002	5/27/2014	Sb-125	-1.22E+01	1.33E+01	4.13E+01	U
TG	09	349607002	5/27/2014	Se-75	1.45E+00	6.03E+00	2.03E+01	U
TG	09	349607002	5/27/2014	Th-228	6.41E+00	1.43E+01	3.19E+01	U
TG	09	349607002	5/27/2014	Zn-65	-1.75E+00	1.14E+01	3.75E+01	U
TG	09	349607002	5/27/2014	Zr-95	-5.51E+00	1.06E+01	3.07E+01	U
TG	09	351505005	6/24/2014	Ac-228	8.40E+00	4.39E+01	1.26E+02	U
TG	09	351505005	6/24/2014	Ag-108m	1.68E+01	1.48E+01	2.67E+01	U
TG	09	351505005	6/24/2014	Ag-110m	-1.06E+01	1.28E+01	3.95E+01	U
TG	09	351505005	6/24/2014	Ba-140	7.60E+00	1.31E+01	4.50E+01	U
TG	09	351505005	6/24/2014	Be-7	7.72E+02	1.32E+02	2.21E+02	
TG	09	351505005	6/24/2014	Ce-141	1.25E+01	1.19E+01	3.89E+01	U
TG	09	351505005	6/24/2014	Ce-144	-5.49E+01	4.06E+01	1.23E+02	U
TG	09	351505005	6/24/2014	Co-57	6.45E+00	5.95E+00	1.71E+01	U
TG	09	351505005	6/24/2014	Co-58	-8.55E+00	9.71E+00	3.07E+01	U
TG	09	351505005	6/24/2014	Co-60	5.21E+00	8.50E+00	2.86E+01	U
TG	09	351505005	6/24/2014	Cr-51	-1.55E+02	8.14E+01	2.28E+02	U
TG	09	351505005	6/24/2014	Cs-134	6.23E-01	1.27E+01	3.65E+01	U
TG	09	351505005	6/24/2014	Cs-137	2.88E+00	9.11E+00	3.00E+01	U
TG	09	351505005	6/24/2014	Fe-59	8.53E+00	2.39E+01	6.85E+01	U
TG	09	351505005	6/24/2014	I-131	-1.93E+01	1.48E+01	4.50E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	09	351505005	6/24/2014	K-40	0.00E+00	2.32E+02	3.48E+02	U
TG	09	351505005	6/24/2014	La-140	7.60E+00	1.31E+01	4.50E+01	U
TG	09	351505005	6/24/2014	Mn-54	-5.34E+00	9.47E+00	3.07E+01	U
TG	09	351505005	6/24/2014	Nb-95	1.21E+01	9.71E+00	3.17E+01	U
TG	09	351505005	6/24/2014	Ru-103	-6.85E+00	9.53E+00	3.03E+01	U
TG	09	351505005	6/24/2014	Ru-106	-8.98E+01	8.45E+01	2.56E+02	U
TG	09	351505005	6/24/2014	Sb-124	2.19E+01	2.05E+01	7.14E+01	U
TG	09	351505005	6/24/2014	Sb-125	4.87E+01	2.83E+01	8.01E+01	U
TG	09	351505005	6/24/2014	Se-75	-4.44E+00	1.05E+01	3.33E+01	U
TG	09	351505005	6/24/2014	Th-228	1.17E+01	2.31E+01	5.58E+01	U
TG	09	351505005	6/24/2014	Zn-65	7.86E+00	2.01E+01	6.70E+01	U
TG	09	351505005	6/24/2014	Zr-95	-3.15E+01	1.79E+01	4.78E+01	U
TG	09	353515005	7/22/2014	Ac-228	4.78E+00	3.17E+01	6.58E+01	U
TG	09	353515005	7/22/2014	Ag-108m	-1.70E+00	4.83E+00	1.55E+01	U
TG	09	353515005	7/22/2014	Ag-110m	-9.28E+00	8.60E+00	2.59E+01	U
TG	09	353515005	7/22/2014	Ba-140	-1.46E+00	9.44E+00	3.10E+01	U
TG	09	353515005	7/22/2014	Be-7	7.75E+02	1.14E+02	1.65E+02	
TG	09	353515005	7/22/2014	Ce-141	3.96E+00	9.94E+00	2.97E+01	U
TG	09	353515005	7/22/2014	Ce-144	1.93E+01	3.16E+01	1.03E+02	U
TG	09	353515005	7/22/2014	Co-57	-2.62E+00	4.05E+00	1.27E+01	U
TG	09	353515005	7/22/2014	Co-58	-4.61E+00	5.48E+00	1.70E+01	U
TG	09	353515005	7/22/2014	Co-60	-1.03E+01	7.45E+00	1.96E+01	U
TG	09	353515005	7/22/2014	Cr-51	-7.97E+01	5.29E+01	1.55E+02	U
TG	09	353515005	7/22/2014	Cs-134	1.89E+01	7.00E+00	2.00E+01	U
TG	09	353515005	7/22/2014	Cs-137	1.61E+01	8.24E+00	1.79E+01	U
TG	09	353515005	7/22/2014	Fe-59	-7.56E+00	1.25E+01	3.86E+01	U
TG	09	353515005	7/22/2014	I-131	-3.54E+00	1.10E+01	3.59E+01	U
TG	09	353515005	7/22/2014	K-40	3.73E+03	2.90E+02	2.03E+02	
TG	09	353515005	7/22/2014	La-140	-1.46E+00	9.44E+00	3.10E+01	U
TG	09	353515005	7/22/2014	Mn-54	-8.72E+00	6.38E+00	1.86E+01	U
TG	09	353515005	7/22/2014	Nb-95	1.18E+01	6.68E+00	2.22E+01	U
TG	09	353515005	7/22/2014	Ru-103	9.21E+00	6.08E+00	1.81E+01	U
TG	09	353515005	7/22/2014	Ru-106	-3.72E+00	4.87E+01	1.56E+02	U
TG	09	353515005	7/22/2014	Sb-124	-1.52E+01	1.28E+01	3.52E+01	U
TG	09	353515005	7/22/2014	Sb-125	3.30E+00	1.45E+01	4.79E+01	U
TG	09	353515005	7/22/2014	Se-75	1.12E+01	7.50E+00	2.48E+01	U
TG	09	353515005	7/22/2014	Th-228	-4.01E+00	1.19E+01	3.73E+01	U
TG	09	353515005	7/22/2014	Zn-65	2.32E+00	1.59E+01	4.54E+01	U
TG	09	353515005	7/22/2014	Zr-95	-5.21E+00	1.09E+01	3.54E+01	U
TG	09	355389005	8/19/2014	Ac-228	2.37E+01	2.27E+01	5.35E+01	U
TG	09	355389005	8/19/2014	Ag-108m	1.02E+00	2.91E+00	9.67E+00	U
TG	09	355389005	8/19/2014	Ag-110m	2.10E-01	4.72E+00	1.58E+01	U
TG	09	355389005	8/19/2014	Ba-140	-4.40E+00	5.86E+00	1.77E+01	U
TG	09	355389005	8/19/2014	Be-7	9.52E+02	7.62E+01	9.38E+01	
TG	09	355389005	8/19/2014	Ce-141	7.84E+00	5.76E+00	1.81E+01	U
TG	09	355389005	8/19/2014	Ce-144	1.33E+01	2.06E+01	6.65E+01	U
TG	09	355389005	8/19/2014	Co-57	2.15E+00	2.74E+00	8.85E+00	U
TG	09	355389005	8/19/2014	Co-58	-3.77E+00	3.33E+00	1.04E+01	U
TG	09	355389005	8/19/2014	Co-60	2.06E-01	5.27E+00	1.46E+01	U
TG	09	355389005	8/19/2014	Cr-51	1.25E+01	3.34E+01	1.04E+02	U
TG	09	355389005	8/19/2014	Cs-134	4.90E+00	3.96E+00	1.30E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	09	355389005	8/19/2014	Cs-137	6.71E+00	4.05E+00	1.28E+01	U
TG	09	355389005	8/19/2014	Fe-59	-7.38E+00	7.44E+00	2.28E+01	U
TG	09	355389005	8/19/2014	I-131	8.41E+00	6.44E+00	2.11E+01	U
TG	09	355389005	8/19/2014	K-40	4.05E+03	2.29E+02	9.90E+01	
TG	09	355389005	8/19/2014	La-140	-4.40E+00	5.86E+00	1.77E+01	U
TG	09	355389005	8/19/2014	Mn-54	1.56E+00	3.34E+00	1.13E+01	U
TG	09	355389005	8/19/2014	Nb-95	3.58E+00	6.36E+00	1.08E+01	U
TG	09	355389005	8/19/2014	Ru-103	-3.06E+00	4.02E+00	1.10E+01	U
TG	09	355389005	8/19/2014	Ru-106	-2.32E+01	3.07E+01	9.51E+01	U
TG	09	355389005	8/19/2014	Sb-124	-9.40E+00	7.55E+00	2.22E+01	U
TG	09	355389005	8/19/2014	Sb-125	-3.53E-01	8.94E+00	2.95E+01	U
TG	09	355389005	8/19/2014	Se-75	-1.20E+01	5.12E+00	1.37E+01	U
TG	09	355389005	8/19/2014	Th-228	-1.33E+01	9.25E+00	2.17E+01	U
TG	09	355389005	8/19/2014	Zn-65	-1.13E+01	8.68E+00	2.57E+01	U
TG	09	355389005	8/19/2014	Zr-95	-4.94E+00	6.47E+00	1.97E+01	U
TG	09	357005002	9/16/2014	Ac-228	3.77E+01	2.94E+01	4.13E+01	U
TG	09	357005002	9/16/2014	Ag-108m	2.34E+00	2.81E+00	9.12E+00	U
TG	09	357005002	9/16/2014	Ag-110m	1.79E+00	3.13E+00	1.05E+01	U
TG	09	357005002	9/16/2014	Ba-140	-8.46E+00	6.07E+00	1.75E+01	U
TG	09	357005002	9/16/2014	Be-7	7.48E+02	6.13E+01	9.18E+01	
TG	09	357005002	9/16/2014	Ce-141	4.50E+00	4.85E+00	1.54E+01	U
TG	09	357005002	9/16/2014	Ce-144	-1.26E+01	1.79E+01	5.64E+01	U
TG	09	357005002	9/16/2014	Co-57	-7.82E-01	2.25E+00	7.22E+00	U
TG	09	357005002	9/16/2014	Co-58	-9.66E+00	3.97E+00	9.70E+00	U
TG	09	357005002	9/16/2014	Co-60	-4.14E+00	4.23E+00	1.20E+01	U
TG	09	357005002	9/16/2014	Cr-51	6.12E+00	2.88E+01	9.55E+01	U
TG	09	357005002	9/16/2014	Cs-134	-3.20E+00	3.63E+00	1.14E+01	U
TG	09	357005002	9/16/2014	Cs-137	3.07E+00	3.33E+00	1.11E+01	U
TG	09	357005002	9/16/2014	Fe-59	2.25E+00	7.09E+00	2.39E+01	U
TG	09	357005002	9/16/2014	I-131	2.03E+00	5.55E+00	1.83E+01	U
TG	09	357005002	9/16/2014	K-40	4.78E+03	2.61E+02	1.09E+02	
TG	09	357005002	9/16/2014	La-140	-8.46E+00	6.07E+00	1.75E+01	U
TG	09	357005002	9/16/2014	Mn-54	2.03E+00	3.52E+00	1.16E+01	U
TG	09	357005002	9/16/2014	Nb-95	4.91E+00	3.57E+00	1.16E+01	U
TG	09	357005002	9/16/2014	Ru-103	-2.64E+00	3.36E+00	1.04E+01	U
TG	09	357005002	9/16/2014	Ru-106	-2.42E+01	4.35E+01	1.01E+02	U
TG	09	357005002	9/16/2014	Sb-124	-1.15E+01	8.83E+00	2.06E+01	U
TG	09	357005002	9/16/2014	Sb-125	-6.52E+00	8.36E+00	2.62E+01	U
TG	09	357005002	9/16/2014	Se-75	3.98E+00	4.03E+00	1.33E+01	U
TG	09	357005002	9/16/2014	Th-228	1.13E+01	9.62E+00	1.78E+01	U
TG	09	357005002	9/16/2014	Zn-65	-1.33E+01	8.67E+00	2.57E+01	U
TG	09	357005002	9/16/2014	Zr-95	-8.26E-01	5.96E+00	1.96E+01	U
TG	09	359266002	10/14/2014	Ac-228	2.77E+01	4.78E+01	1.03E+02	U
TG	09	359266002	10/14/2014	Ag-108m	1.15E+01	7.41E+00	1.82E+01	U
TG	09	359266002	10/14/2014	Ag-110m	6.34E+00	8.89E+00	2.96E+01	U
TG	09	359266002	10/14/2014	Ba-140	-4.21E+00	1.05E+01	3.29E+01	U
TG	09	359266002	10/14/2014	Be-7	3.04E+03	1.93E+02	1.87E+02	
TG	09	359266002	10/14/2014	Ce-141	-1.62E+00	1.12E+01	3.16E+01	U
TG	09	359266002	10/14/2014	Ce-144	3.85E+01	4.06E+01	1.29E+02	U
TG	09	359266002	10/14/2014	Co-57	-4.62E+00	5.20E+00	1.61E+01	U
TG	09	359266002	10/14/2014	Co-58	2.27E-01	6.20E+00	2.06E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	09	359266002	10/14/2014	Co-60	1.68E+00	6.98E+00	2.36E+01	U
TG	09	359266002	10/14/2014	Cr-51	4.35E+01	6.21E+01	2.06E+02	U
TG	09	359266002	10/14/2014	Cs-134	9.37E-01	6.71E+00	2.24E+01	U
TG	09	359266002	10/14/2014	Cs-137	1.97E+00	6.91E+00	2.34E+01	U
TG	09	359266002	10/14/2014	Fe-59	1.04E+01	1.39E+01	4.59E+01	U
TG	09	359266002	10/14/2014	I-131	-7.75E-01	1.10E+01	3.62E+01	U
TG	09	359266002	10/14/2014	K-40	3.03E+03	2.62E+02	2.15E+02	
TG	09	359266002	10/14/2014	La-140	-4.21E+00	1.05E+01	3.29E+01	U
TG	09	359266002	10/14/2014	Mn-54	4.66E+00	6.82E+00	2.28E+01	U
TG	09	359266002	10/14/2014	Nb-95	-5.72E+00	6.87E+00	2.18E+01	U
TG	09	359266002	10/14/2014	Ru-103	4.93E+00	6.96E+00	2.26E+01	U
TG	09	359266002	10/14/2014	Ru-106	4.47E+01	5.92E+01	2.01E+02	U
TG	09	359266002	10/14/2014	Sb-124	1.80E+01	1.63E+01	5.52E+01	U
TG	09	359266002	10/14/2014	Sb-125	8.44E+00	2.63E+01	6.11E+01	U
TG	09	359266002	10/14/2014	Se-75	-2.28E-02	8.15E+00	2.73E+01	U
TG	09	359266002	10/14/2014	Th-228	-7.95E+00	1.63E+01	4.34E+01	U
TG	09	359266002	10/14/2014	Zn-65	1.70E+01	1.87E+01	5.37E+01	U
TG	09	359266002	10/14/2014	Zr-95	1.97E+00	1.14E+01	3.80E+01	U
TG	10	349607003	5/27/2014	Ac-228	1.69E+01	2.92E+01	8.71E+01	U
TG	10	349607003	5/27/2014	Ag-108m	2.24E-01	3.92E+00	1.30E+01	U
TG	10	349607003	5/27/2014	Ag-110m	-7.94E+00	6.93E+00	2.02E+01	U
TG	10	349607003	5/27/2014	Ba-140	-2.51E+00	8.36E+00	2.67E+01	U
TG	10	349607003	5/27/2014	Be-7	3.09E+02	8.53E+01	1.50E+02	
TG	10	349607003	5/27/2014	Ce-141	-7.72E+00	7.21E+00	1.99E+01	U
TG	10	349607003	5/27/2014	Ce-144	0.00E+00	3.20E+01	5.78E+01	U
TG	10	349607003	5/27/2014	Co-57	-5.67E+00	2.92E+00	8.09E+00	U
TG	10	349607003	5/27/2014	Co-58	-7.71E+00	5.45E+00	1.55E+01	U
TG	10	349607003	5/27/2014	Co-60	-1.37E-01	6.15E+00	2.06E+01	U
TG	10	349607003	5/27/2014	Cr-51	-4.37E+01	4.07E+01	1.28E+02	U
TG	10	349607003	5/27/2014	Cs-134	6.62E+00	6.85E+00	2.34E+01	U
TG	10	349607003	5/27/2014	Cs-137	3.00E+00	5.63E+00	1.85E+01	U
TG	10	349607003	5/27/2014	Fe-59	-2.45E+01	1.50E+01	3.53E+01	U
TG	10	349607003	5/27/2014	I-131	-1.64E-01	6.95E+00	2.33E+01	U
TG	10	349607003	5/27/2014	K-40	3.50E+03	2.59E+02	1.70E+02	
TG	10	349607003	5/27/2014	La-140	-2.51E+00	8.36E+00	2.67E+01	U
TG	10	349607003	5/27/2014	Mn-54	9.85E+00	6.12E+00	2.06E+01	U
TG	10	349607003	5/27/2014	Nb-95	-4.82E+00	7.07E+00	1.94E+01	U
TG	10	349607003	5/27/2014	Ru-103	-5.05E+00	5.09E+00	1.54E+01	U
TG	10	349607003	5/27/2014	Ru-106	-6.04E+01	5.35E+01	1.56E+02	U
TG	10	349607003	5/27/2014	Sb-124	-1.78E+01	1.63E+01	3.86E+01	U
TG	10	349607003	5/27/2014	Sb-125	-1.59E+01	1.35E+01	4.07E+01	U
TG	10	349607003	5/27/2014	Se-75	2.92E+00	5.99E+00	1.94E+01	U
TG	10	349607003	5/27/2014	Th-228	4.62E+00	1.21E+01	3.19E+01	U
TG	10	349607003	5/27/2014	Zn-65	1.47E+01	1.25E+01	3.87E+01	U
TG	10	349607003	5/27/2014	Zr-95	2.13E+01	1.12E+01	3.72E+01	U
TG	10	351505006	6/24/2014	Ac-228	4.80E+01	5.20E+01	1.33E+02	U
TG	10	351505006	6/24/2014	Ag-108m	-3.81E+00	6.63E+00	2.07E+01	U
TG	10	351505006	6/24/2014	Ag-110m	-1.25E+00	1.02E+01	3.26E+01	U
TG	10	351505006	6/24/2014	Ba-140	5.38E+00	1.38E+01	4.69E+01	U
TG	10	351505006	6/24/2014	Be-7	4.42E+02	1.16E+02	2.11E+02	
TG	10	351505006	6/24/2014	Ce-141	-3.16E+01	1.30E+01	3.16E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	10	351505006	6/24/2014	Ce-144	-3.55E+01	4.03E+01	1.25E+02	U
TG	10	351505006	6/24/2014	Co-57	1.36E+00	4.89E+00	1.62E+01	U
TG	10	351505006	6/24/2014	Co-58	-1.12E+01	8.15E+00	2.29E+01	U
TG	10	351505006	6/24/2014	Co-60	-6.81E+00	1.10E+01	2.83E+01	U
TG	10	351505006	6/24/2014	Cr-51	7.84E+01	7.04E+01	2.33E+02	U
TG	10	351505006	6/24/2014	Cs-134	-7.08E+00	8.45E+00	2.56E+01	U
TG	10	351505006	6/24/2014	Cs-137	0.00E+00	1.23E+01	2.71E+01	U
TG	10	351505006	6/24/2014	Fe-59	-1.00E+01	1.64E+01	5.16E+01	U
TG	10	351505006	6/24/2014	I-131	-9.99E+00	1.33E+01	4.00E+01	U
TG	10	351505006	6/24/2014	K-40	3.32E+03	2.99E+02	2.66E+02	
TG	10	351505006	6/24/2014	La-140	5.38E+00	1.38E+01	4.69E+01	U
TG	10	351505006	6/24/2014	Mn-54	1.01E+01	8.13E+00	2.68E+01	U
TG	10	351505006	6/24/2014	Nb-95	-1.25E+01	8.22E+00	2.28E+01	U
TG	10	351505006	6/24/2014	Ru-103	1.41E+01	8.63E+00	2.86E+01	U
TG	10	351505006	6/24/2014	Ru-106	-6.57E+01	7.27E+01	2.26E+02	U
TG	10	351505006	6/24/2014	Sb-124	-1.94E+00	1.71E+01	5.57E+01	U
TG	10	351505006	6/24/2014	Sb-125	-1.07E+01	1.89E+01	5.89E+01	U
TG	10	351505006	6/24/2014	Se-75	-1.05E+01	9.67E+00	3.03E+01	U
TG	10	351505006	6/24/2014	Th-228	1.28E+01	1.65E+01	4.97E+01	U
TG	10	351505006	6/24/2014	Zn-65	1.86E+00	1.81E+01	6.02E+01	U
TG	10	351505006	6/24/2014	Zr-95	1.04E+01	1.46E+01	4.86E+01	U
TG	10	353515006	7/22/2014	Ac-228	0.00E+00	3.37E+01	8.15E+01	U
TG	10	353515006	7/22/2014	Ag-108m	4.60E+00	4.87E+00	1.62E+01	U
TG	10	353515006	7/22/2014	Ag-110m	-1.86E+00	7.16E+00	2.33E+01	U
TG	10	353515006	7/22/2014	Ba-140	2.06E+01	7.66E+00	3.30E+01	U
TG	10	353515006	7/22/2014	Be-7	8.55E+02	1.02E+02	1.51E+02	
TG	10	353515006	7/22/2014	Ce-141	-1.07E+01	1.08E+01	2.91E+01	U
TG	10	353515006	7/22/2014	Ce-144	3.61E+00	3.49E+01	1.12E+02	U
TG	10	353515006	7/22/2014	Co-57	-6.73E+00	4.55E+00	1.30E+01	U
TG	10	353515006	7/22/2014	Co-58	-5.79E+00	4.89E+00	1.43E+01	U
TG	10	353515006	7/22/2014	Co-60	2.95E+00	5.89E+00	1.96E+01	U
TG	10	353515006	7/22/2014	Cr-51	-2.80E+00	5.13E+01	1.70E+02	U
TG	10	353515006	7/22/2014	Cs-134	-1.28E+01	8.52E+00	1.87E+01	U
TG	10	353515006	7/22/2014	Cs-137	2.30E+00	6.00E+00	2.05E+01	U
TG	10	353515006	7/22/2014	Fe-59	1.68E+01	1.05E+01	3.59E+01	U
TG	10	353515006	7/22/2014	I-131	9.13E+00	1.08E+01	3.36E+01	U
TG	10	353515006	7/22/2014	K-40	3.48E+03	2.59E+02	1.88E+02	
TG	10	353515006	7/22/2014	La-140	2.06E+01	7.66E+00	3.30E+01	U
TG	10	353515006	7/22/2014	Mn-54	-1.49E+00	4.94E+00	1.61E+01	U
TG	10	353515006	7/22/2014	Nb-95	2.87E+00	5.43E+00	1.85E+01	U
TG	10	353515006	7/22/2014	Ru-103	-1.75E+00	5.70E+00	1.82E+01	U
TG	10	353515006	7/22/2014	Ru-106	-8.22E+01	5.42E+01	1.47E+02	U
TG	10	353515006	7/22/2014	Sb-124	1.60E+01	1.33E+01	4.71E+01	U
TG	10	353515006	7/22/2014	Sb-125	-1.22E+00	1.50E+01	4.27E+01	U
TG	10	353515006	7/22/2014	Se-75	7.39E+00	7.02E+00	2.35E+01	U
TG	10	353515006	7/22/2014	Th-228	1.63E+01	1.24E+01	3.45E+01	U
TG	10	353515006	7/22/2014	Zn-65	-1.24E+01	1.18E+01	3.41E+01	U
TG	10	353515006	7/22/2014	Zr-95	1.49E+01	9.57E+00	3.26E+01	U
TG	10	355389006	8/19/2014	Ac-228	1.18E+01	2.35E+01	5.31E+01	U
TG	10	355389006	8/19/2014	Ag-108m	2.98E+00	2.80E+00	9.20E+00	U
TG	10	355389006	8/19/2014	Ag-110m	-4.14E+00	4.35E+00	1.35E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	10	355389006	8/19/2014	Ba-140	-5.17E+00	5.59E+00	1.72E+01	U
TG	10	355389006	8/19/2014	Be-7	9.96E+02	7.49E+01	9.02E+01	
TG	10	355389006	8/19/2014	Ce-141	2.56E+00	7.40E+00	1.55E+01	U
TG	10	355389006	8/19/2014	Ce-144	-3.50E+01	2.10E+01	5.24E+01	U
TG	10	355389006	8/19/2014	Co-57	-7.85E+00	3.70E+00	7.60E+00	U
TG	10	355389006	8/19/2014	Co-58	7.16E-02	3.37E+00	1.13E+01	U
TG	10	355389006	8/19/2014	Co-60	2.02E+00	3.96E+00	1.30E+01	U
TG	10	355389006	8/19/2014	Cr-51	-3.37E+01	3.07E+01	9.62E+01	U
TG	10	355389006	8/19/2014	Cs-134	3.49E+00	4.65E+00	1.23E+01	U
TG	10	355389006	8/19/2014	Cs-137	0.00E+00	1.10E+01	1.16E+01	U
TG	10	355389006	8/19/2014	Fe-59	-2.47E+00	7.50E+00	2.41E+01	U
TG	10	355389006	8/19/2014	I-131	3.45E+00	7.70E+00	1.66E+01	U
TG	10	355389006	8/19/2014	K-40	4.91E+03	2.75E+02	1.05E+02	
TG	10	355389006	8/19/2014	La-140	-5.17E+00	5.59E+00	1.72E+01	U
TG	10	355389006	8/19/2014	Mn-54	-1.61E+00	3.22E+00	1.05E+01	U
TG	10	355389006	8/19/2014	Nb-95	5.91E+00	3.50E+00	1.15E+01	U
TG	10	355389006	8/19/2014	Ru-103	-2.30E+00	3.33E+00	1.04E+01	U
TG	10	355389006	8/19/2014	Ru-106	3.80E+01	3.24E+01	1.04E+02	U
TG	10	355389006	8/19/2014	Sb-124	4.72E+00	7.04E+00	2.14E+01	U
TG	10	355389006	8/19/2014	Sb-125	2.03E+00	8.55E+00	2.82E+01	U
TG	10	355389006	8/19/2014	Se-75	-1.13E+00	3.79E+00	1.26E+01	U
TG	10	355389006	8/19/2014	Th-228	3.58E+00	9.02E+00	2.08E+01	U
TG	10	355389006	8/19/2014	Zn-65	1.70E+00	8.48E+00	2.79E+01	U
TG	10	355389006	8/19/2014	Zr-95	4.55E-01	5.69E+00	1.91E+01	U
TG	10	357005003	9/16/2014	Ac-228	4.62E+01	3.12E+01	5.09E+01	U
TG	10	357005003	9/16/2014	Ag-108m	1.42E+00	3.89E+00	1.14E+01	U
TG	10	357005003	9/16/2014	Ag-110m	-1.97E+00	4.52E+00	1.24E+01	U
TG	10	357005003	9/16/2014	Ba-140	-4.95E+00	7.02E+00	2.15E+01	U
TG	10	357005003	9/16/2014	Be-7	9.51E+02	7.61E+01	1.13E+02	
TG	10	357005003	9/16/2014	Ce-141	-4.01E+00	7.38E+00	2.08E+01	U
TG	10	357005003	9/16/2014	Ce-144	-4.10E+00	2.37E+01	7.62E+01	U
TG	10	357005003	9/16/2014	Co-57	-2.84E-02	3.07E+00	9.96E+00	U
TG	10	357005003	9/16/2014	Co-58	-3.40E+00	3.97E+00	1.28E+01	U
TG	10	357005003	9/16/2014	Co-60	3.26E+00	4.64E+00	1.54E+01	U
TG	10	357005003	9/16/2014	Cr-51	-3.50E+01	3.80E+01	1.22E+02	U
TG	10	357005003	9/16/2014	Cs-134	1.80E+00	4.28E+00	1.45E+01	U
TG	10	357005003	9/16/2014	Cs-137	9.88E+00	5.63E+00	1.42E+01	U
TG	10	357005003	9/16/2014	Fe-59	-4.59E+00	9.89E+00	2.75E+01	U
TG	10	357005003	9/16/2014	I-131	1.32E+01	7.47E+00	2.35E+01	U
TG	10	357005003	9/16/2014	K-40	3.93E+03	2.39E+02	1.21E+02	
TG	10	357005003	9/16/2014	La-140	-4.95E+00	7.02E+00	2.15E+01	U
TG	10	357005003	9/16/2014	Mn-54	5.89E+00	4.10E+00	1.35E+01	U
TG	10	357005003	9/16/2014	Nb-95	4.69E+00	4.01E+00	1.35E+01	U
TG	10	357005003	9/16/2014	Ru-103	2.38E+00	4.21E+00	1.39E+01	U
TG	10	357005003	9/16/2014	Ru-106	2.93E+01	3.72E+01	1.21E+02	U
TG	10	357005003	9/16/2014	Sb-124	6.96E+00	7.94E+00	2.74E+01	U
TG	10	357005003	9/16/2014	Sb-125	4.03E+00	1.04E+01	3.44E+01	U
TG	10	357005003	9/16/2014	Se-75	3.97E+00	5.03E+00	1.69E+01	U
TG	10	357005003	9/16/2014	Th-228	1.30E+01	1.32E+01	2.22E+01	U
TG	10	357005003	9/16/2014	Zn-65	2.49E+01	1.44E+01	2.97E+01	U
TG	10	357005003	9/16/2014	Zr-95	1.05E+01	7.84E+00	2.48E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TG	10	359266003	10/14/2014	Ac-228	0.00E+00	4.27E+01	9.81E+01	U
TG	10	359266003	10/14/2014	Ag-108m	8.81E+00	1.13E+01	2.12E+01	U
TG	10	359266003	10/14/2014	Ag-110m	-2.55E+00	9.36E+00	3.10E+01	U
TG	10	359266003	10/14/2014	Ba-140	3.17E+00	1.10E+01	3.21E+01	U
TG	10	359266003	10/14/2014	Be-7	1.21E+03	1.25E+02	2.12E+02	
TG	10	359266003	10/14/2014	Ce-141	-1.25E+01	1.75E+01	3.72E+01	U
TG	10	359266003	10/14/2014	Ce-144	-4.75E+01	4.06E+01	1.27E+02	U
TG	10	359266003	10/14/2014	Co-57	-2.66E-01	5.17E+00	1.71E+01	U
TG	10	359266003	10/14/2014	Co-58	2.32E+00	7.68E+00	2.59E+01	U
TG	10	359266003	10/14/2014	Co-60	-5.04E+00	7.77E+00	2.43E+01	U
TG	10	359266003	10/14/2014	Cr-51	-2.11E+01	6.83E+01	2.29E+02	U
TG	10	359266003	10/14/2014	Cs-134	3.00E+00	7.95E+00	2.69E+01	U
TG	10	359266003	10/14/2014	Cs-137	8.76E+00	1.22E+01	2.77E+01	U
TG	10	359266003	10/14/2014	Fe-59	4.67E+00	1.36E+01	4.53E+01	U
TG	10	359266003	10/14/2014	I-131	5.12E+00	1.46E+01	4.91E+01	U
TG	10	359266003	10/14/2014	K-40	3.31E+03	2.45E+02	2.15E+02	
TG	10	359266003	10/14/2014	La-140	3.17E+00	1.10E+01	3.21E+01	U
TG	10	359266003	10/14/2014	Mn-54	1.53E+00	7.44E+00	2.51E+01	U
TG	10	359266003	10/14/2014	Nb-95	0.00E+00	1.60E+01	2.28E+01	U
TG	10	359266003	10/14/2014	Ru-103	-4.66E-01	7.83E+00	2.58E+01	U
TG	10	359266003	10/14/2014	Ru-106	1.30E+01	6.40E+01	2.10E+02	U
TG	10	359266003	10/14/2014	Sb-124	7.71E-01	1.38E+01	4.59E+01	U
TG	10	359266003	10/14/2014	Sb-125	-9.19E+00	2.07E+01	6.38E+01	U
TG	10	359266003	10/14/2014	Se-75	7.06E+00	9.69E+00	3.11E+01	U
TG	10	359266003	10/14/2014	Th-228	4.08E+01	2.75E+01	4.50E+01	U
TG	10	359266003	10/14/2014	Zn-65	2.83E+00	1.42E+01	4.72E+01	U
TG	10	359266003	10/14/2014	Zr-95	4.16E+00	1.62E+01	4.53E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	341038001	1/8/2014	Ac-228	1.46E+00	4.56E+00	1.43E+01	U
TM	15	341038001	1/8/2014	Ag-108m	-6.65E-02	8.76E-01	2.89E+00	U
TM	15	341038001	1/8/2014	Ag-110m	1.17E+00	1.42E+00	3.11E+00	U
TM	15	341038001	1/8/2014	Ba-140	1.18E-01	1.27E+00	4.22E+00	U
TM	15	341038001	1/8/2014	Be-7	-4.12E+00	9.16E+00	2.94E+01	U
TM	15	341038001	1/8/2014	Ce-141	-3.13E+00	2.19E+00	5.74E+00	U
TM	15	341038001	1/8/2014	Ce-144	-1.59E+00	6.56E+00	2.16E+01	U
TM	15	341038001	1/8/2014	Co-57	4.02E-01	9.19E-01	2.77E+00	U
TM	15	341038001	1/8/2014	Co-58	1.29E-01	9.64E-01	3.24E+00	U
TM	15	341038001	1/8/2014	Co-60	-6.45E-01	1.48E+00	4.19E+00	U
TM	15	341038001	1/8/2014	Cr-51	3.15E+00	8.71E+00	2.97E+01	U
TM	15	341038001	1/8/2014	Cs-134	2.67E-01	1.11E+00	3.75E+00	U
TM	15	341038001	1/8/2014	Cs-137	6.01E+00	1.70E+00	3.95E+00	M
TM	15	341038001	1/8/2014	Fe-59	-5.50E+00	2.97E+00	7.71E+00	U
TM	15	341038001	1/8/2014	I-131	2.32E-01	1.45E-01	4.03E-01	U
TM	15	341038001	1/8/2014	K-40	1.58E+03	8.87E+01	2.98E+01	
TM	15	341038001	1/8/2014	La-140	1.18E-01	1.27E+00	4.22E+00	U
TM	15	341038001	1/8/2014	Mn-54	-9.54E-01	1.02E+00	3.17E+00	U
TM	15	341038001	1/8/2014	Nb-95	1.56E+00	1.12E+00	3.76E+00	U
TM	15	341038001	1/8/2014	Ru-103	-1.22E+00	1.23E+00	3.21E+00	U
TM	15	341038001	1/8/2014	Ru-106	-1.08E+01	9.73E+00	2.68E+01	U
TM	15	341038001	1/8/2014	Sb-124	-2.82E+00	2.20E+00	5.93E+00	U
TM	15	341038001	1/8/2014	Sb-125	1.72E+00	2.63E+00	8.85E+00	U
TM	15	341038001	1/8/2014	Se-75	-9.37E-01	1.35E+00	4.13E+00	U
TM	15	341038001	1/8/2014	Th-228	3.42E+00	2.42E+00	6.79E+00	U
TM	15	341038001	1/8/2014	Zn-65	2.76E-01	3.03E+00	8.55E+00	U
TM	15	341038001	1/8/2014	Zr-95	3.98E+00	2.06E+00	6.76E+00	U
TM	15	342787001	2/6/2014	Ac-228	1.49E+01	1.49E+01	3.07E+01	U
TM	15	342787001	2/6/2014	Ag-108m	-2.52E+00	1.61E+00	4.46E+00	U
TM	15	342787001	2/6/2014	Ag-110m	-6.37E-01	2.14E+00	5.81E+00	U
TM	15	342787001	2/6/2014	Ba-140	4.90E+00	2.67E+00	9.92E+00	U
TM	15	342787001	2/6/2014	Be-7	1.61E+01	1.45E+01	4.94E+01	U
TM	15	342787001	2/6/2014	Ce-141	3.85E+00	2.48E+00	8.12E+00	U
TM	15	342787001	2/6/2014	Ce-144	9.45E+00	8.65E+00	2.79E+01	U
TM	15	342787001	2/6/2014	Co-57	1.40E+00	1.22E+00	3.73E+00	U
TM	15	342787001	2/6/2014	Co-58	-1.13E+00	1.62E+00	5.01E+00	U
TM	15	342787001	2/6/2014	Co-60	-6.82E-01	2.08E+00	6.74E+00	U
TM	15	342787001	2/6/2014	Cr-51	1.85E+01	1.56E+01	5.34E+01	U
TM	15	342787001	2/6/2014	Cs-134	-3.39E+00	2.11E+00	5.61E+00	U
TM	15	342787001	2/6/2014	Cs-137	9.24E+00	4.34E+00	5.30E+00	M
TM	15	342787001	2/6/2014	Fe-59	5.29E+00	6.68E+00	1.91E+01	U
TM	15	342787001	2/6/2014	I-131	-7.99E-02	1.44E-01	4.78E-01	U
TM	15	342787001	2/6/2014	K-40	1.34E+03	9.76E+01	4.99E+01	
TM	15	342787001	2/6/2014	La-140	4.90E+00	2.67E+00	9.92E+00	U
TM	15	342787001	2/6/2014	Mn-54	-1.51E+00	1.88E+00	5.80E+00	U
TM	15	342787001	2/6/2014	Nb-95	4.45E-01	2.02E+00	6.56E+00	U
TM	15	342787001	2/6/2014	Ru-103	2.28E-01	1.97E+00	5.72E+00	U
TM	15	342787001	2/6/2014	Ru-106	2.62E-01	1.77E+01	5.71E+01	U
TM	15	342787001	2/6/2014	Sb-124	-3.32E+00	4.47E+00	1.30E+01	U
TM	15	342787001	2/6/2014	Sb-125	-1.76E+00	4.31E+00	1.39E+01	U
TM	15	342787001	2/6/2014	Se-75	-1.91E-01	2.05E+00	6.50E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	342787001	2/6/2014	Th-228	-3.04E+00	3.38E+00	1.04E+01	U
TM	15	342787001	2/6/2014	Zn-65	-4.47E+00	4.91E+00	1.44E+01	U
TM	15	342787001	2/6/2014	Zr-95	2.75E-01	3.21E+00	1.09E+01	U
TM	15	344178001	3/5/2014	Ac-228	3.91E-01	5.64E+00	1.91E+01	U
TM	15	344178001	3/5/2014	Ag-108m	-2.17E+00	1.36E+00	3.91E+00	U
TM	15	344178001	3/5/2014	Ag-110m	2.09E+00	1.62E+00	4.90E+00	U
TM	15	344178001	3/5/2014	Ba-140	2.95E-01	2.00E+00	6.78E+00	U
TM	15	344178001	3/5/2014	Be-7	3.42E+01	1.80E+01	3.72E+01	U
TM	15	344178001	3/5/2014	Ce-141	-1.88E+00	2.59E+00	8.06E+00	U
TM	15	344178001	3/5/2014	Ce-144	9.90E+00	9.85E+00	3.34E+01	U
TM	15	344178001	3/5/2014	Co-57	1.02E+00	1.34E+00	4.28E+00	U
TM	15	344178001	3/5/2014	Co-58	-1.21E-01	1.26E+00	4.05E+00	U
TM	15	344178001	3/5/2014	Co-60	2.26E+00	1.64E+00	5.67E+00	U
TM	15	344178001	3/5/2014	Cr-51	-1.20E+00	1.29E+01	4.19E+01	U
TM	15	344178001	3/5/2014	Cs-134	1.51E+00	1.76E+00	5.89E+00	U
TM	15	344178001	3/5/2014	Cs-137	7.64E+00	2.82E+00	5.45E+00	M
TM	15	344178001	3/5/2014	Fe-59	7.71E-01	3.29E+00	1.11E+01	U
TM	15	344178001	3/5/2014	I-131	1.01E-01	1.94E-01	5.78E-01	U
TM	15	344178001	3/5/2014	K-40	1.52E+03	9.61E+01	3.94E+01	
TM	15	344178001	3/5/2014	La-140	2.95E-01	2.00E+00	6.78E+00	U
TM	15	344178001	3/5/2014	Mn-54	1.81E+00	1.74E+00	5.16E+00	U
TM	15	344178001	3/5/2014	Nb-95	-2.12E+00	1.68E+00	4.70E+00	U
TM	15	344178001	3/5/2014	Ru-103	3.27E-01	1.46E+00	4.95E+00	U
TM	15	344178001	3/5/2014	Ru-106	-3.59E+01	1.87E+01	3.93E+01	U
TM	15	344178001	3/5/2014	Sb-124	3.55E-01	2.67E+00	9.05E+00	U
TM	15	344178001	3/5/2014	Sb-125	-1.74E+00	3.80E+00	1.25E+01	U
TM	15	344178001	3/5/2014	Se-75	-6.43E-01	2.13E+00	6.65E+00	U
TM	15	344178001	3/5/2014	Th-228	4.19E+00	3.61E+00	8.93E+00	U
TM	15	344178001	3/5/2014	Zn-65	1.97E+00	3.96E+00	1.17E+01	U
TM	15	344178001	3/5/2014	Zr-95	-5.43E-01	2.67E+00	8.57E+00	U
TM	15	346221001	4/3/2014	Ac-228	-5.09E+00	5.41E+00	1.61E+01	U
TM	15	346221001	4/3/2014	Ag-108m	-7.79E-01	9.14E-01	2.90E+00	U
TM	15	346221001	4/3/2014	Ag-110m	-2.26E-01	1.28E+00	3.55E+00	U
TM	15	346221001	4/3/2014	Ba-140	2.33E+00	1.81E+00	5.13E+00	U
TM	15	346221001	4/3/2014	Be-7	-9.62E+00	9.77E+00	2.95E+01	U
TM	15	346221001	4/3/2014	Ce-141	1.95E+00	2.07E+00	6.21E+00	U
TM	15	346221001	4/3/2014	Ce-144	-7.96E-01	7.39E+00	2.34E+01	U
TM	15	346221001	4/3/2014	Co-57	9.10E-01	9.66E-01	3.07E+00	U
TM	15	346221001	4/3/2014	Co-58	2.11E-01	1.17E+00	3.76E+00	U
TM	15	346221001	4/3/2014	Co-60	-8.05E-01	1.24E+00	3.91E+00	U
TM	15	346221001	4/3/2014	Cr-51	6.70E+00	1.01E+01	3.29E+01	U
TM	15	346221001	4/3/2014	Cs-134	2.90E+00	1.21E+00	4.34E+00	U
TM	15	346221001	4/3/2014	Cs-137	9.15E+00	1.90E+00	3.76E+00	M
TM	15	346221001	4/3/2014	Fe-59	3.81E+00	2.83E+00	9.30E+00	U
TM	15	346221001	4/3/2014	I-131	-1.23E-01	1.10E-01	3.52E-01	U
TM	15	346221001	4/3/2014	K-40	1.64E+03	9.24E+01	3.55E+01	
TM	15	346221001	4/3/2014	La-140	2.33E+00	1.81E+00	5.13E+00	U
TM	15	346221001	4/3/2014	Mn-54	-1.45E+00	1.23E+00	3.72E+00	U
TM	15	346221001	4/3/2014	Nb-95	9.41E-01	1.15E+00	3.92E+00	U
TM	15	346221001	4/3/2014	Ru-103	-1.03E+00	1.19E+00	3.73E+00	U
TM	15	346221001	4/3/2014	Ru-106	2.72E+01	1.59E+01	3.18E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	346221001	4/3/2014	Sb-124	-2.18E+00	2.46E+00	7.23E+00	U
TM	15	346221001	4/3/2014	Sb-125	-6.15E-01	2.85E+00	9.47E+00	U
TM	15	346221001	4/3/2014	Se-75	3.00E-03	1.48E+00	4.85E+00	U
TM	15	346221001	4/3/2014	Th-228	1.19E+00	2.42E+00	7.05E+00	U
TM	15	346221001	4/3/2014	Zn-65	-8.09E+00	4.11E+00	8.54E+00	U
TM	15	346221001	4/3/2014	Zr-95	1.72E-02	2.10E+00	7.07E+00	U
TM	15	347135001	4/17/2014	Ac-228	1.06E+01	5.31E+00	1.72E+01	U
TM	15	347135001	4/17/2014	Ag-108m	6.59E-01	1.24E+00	3.62E+00	U
TM	15	347135001	4/17/2014	Ag-110m	7.18E-01	1.09E+00	3.31E+00	U
TM	15	347135001	4/17/2014	Ba-140	-1.05E+00	1.54E+00	4.67E+00	U
TM	15	347135001	4/17/2014	Be-7	-2.77E+00	1.26E+01	3.29E+01	U
TM	15	347135001	4/17/2014	Ce-141	7.37E-01	1.85E+00	6.02E+00	U
TM	15	347135001	4/17/2014	Ce-144	4.53E+00	7.26E+00	2.38E+01	U
TM	15	347135001	4/17/2014	Co-57	2.15E+00	1.13E+00	3.16E+00	U
TM	15	347135001	4/17/2014	Co-58	1.18E+00	1.44E+00	4.30E+00	U
TM	15	347135001	4/17/2014	Co-60	-7.28E-01	1.34E+00	4.29E+00	U
TM	15	347135001	4/17/2014	Cr-51	-3.38E+00	1.03E+01	3.39E+01	U
TM	15	347135001	4/17/2014	Cs-134	4.29E-01	1.23E+00	4.06E+00	U
TM	15	347135001	4/17/2014	Cs-137	2.15E+00	1.14E+00	3.74E+00	U
TM	15	347135001	4/17/2014	Fe-59	2.91E+00	2.67E+00	8.93E+00	U
TM	15	347135001	4/17/2014	I-131	1.16E-01	1.82E-01	6.07E-01	U
TM	15	347135001	4/17/2014	K-40	1.51E+03	8.92E+01	2.89E+01	
TM	15	347135001	4/17/2014	La-140	-1.05E+00	1.54E+00	4.67E+00	U
TM	15	347135001	4/17/2014	Mn-54	1.03E+00	1.12E+00	3.81E+00	U
TM	15	347135001	4/17/2014	Nb-95	1.07E+00	1.31E+00	3.22E+00	U
TM	15	347135001	4/17/2014	Ru-103	-5.70E-01	1.29E+00	3.53E+00	U
TM	15	347135001	4/17/2014	Ru-106	1.15E+01	1.02E+01	3.34E+01	U
TM	15	347135001	4/17/2014	Sb-124	-1.08E+00	2.27E+00	7.02E+00	U
TM	15	347135001	4/17/2014	Sb-125	-3.84E+00	3.07E+00	9.05E+00	U
TM	15	347135001	4/17/2014	Se-75	-3.93E+00	1.68E+00	4.32E+00	U
TM	15	347135001	4/17/2014	Th-228	2.66E+00	3.31E+00	7.97E+00	U
TM	15	347135001	4/17/2014	Zn-65	3.58E-01	2.97E+00	9.68E+00	U
TM	15	347135001	4/17/2014	Zr-95	-1.83E-01	1.93E+00	6.41E+00	U
TM	15	348846001	5/14/2014	Ac-228	2.69E+00	4.71E+00	1.49E+01	U
TM	15	348846001	5/14/2014	Ag-108m	-1.51E-01	8.43E-01	2.83E+00	U
TM	15	348846001	5/14/2014	Ag-110m	2.62E+00	1.18E+00	3.35E+00	U
TM	15	348846001	5/14/2014	Ba-140	9.17E-01	1.39E+00	4.80E+00	U
TM	15	348846001	5/14/2014	Be-7	-4.16E+00	7.98E+00	2.61E+01	U
TM	15	348846001	5/14/2014	Ce-141	6.94E-01	1.97E+00	5.94E+00	U
TM	15	348846001	5/14/2014	Ce-144	9.69E-01	6.76E+00	2.30E+01	U
TM	15	348846001	5/14/2014	Co-57	-1.85E-01	9.23E-01	2.91E+00	U
TM	15	348846001	5/14/2014	Co-58	9.06E-01	9.26E-01	3.08E+00	U
TM	15	348846001	5/14/2014	Co-60	4.52E-01	1.28E+00	4.25E+00	U
TM	15	348846001	5/14/2014	Cr-51	9.11E+00	9.40E+00	3.07E+01	U
TM	15	348846001	5/14/2014	Cs-134	-1.32E+00	1.26E+00	3.76E+00	U
TM	15	348846001	5/14/2014	Cs-137	3.17E+00	1.68E+00	3.75E+00	U
TM	15	348846001	5/14/2014	Fe-59	-7.40E-01	2.20E+00	7.17E+00	U
TM	15	348846001	5/14/2014	I-131	-1.07E-01	2.03E-01	6.74E-01	U
TM	15	348846001	5/14/2014	K-40	1.48E+03	8.19E+01	3.40E+01	
TM	15	348846001	5/14/2014	La-140	9.17E-01	1.39E+00	4.80E+00	U
TM	15	348846001	5/14/2014	Mn-54	-9.48E-01	1.13E+00	3.45E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	348846001	5/14/2014	Nb-95	2.19E+00	1.10E+00	3.49E+00	U
TM	15	348846001	5/14/2014	Ru-103	-9.61E-01	1.29E+00	3.57E+00	U
TM	15	348846001	5/14/2014	Ru-106	-9.27E+00	9.22E+00	2.83E+01	U
TM	15	348846001	5/14/2014	Sb-124	1.70E+00	2.73E+00	8.20E+00	U
TM	15	348846001	5/14/2014	Sb-125	4.87E-01	2.73E+00	8.78E+00	U
TM	15	348846001	5/14/2014	Se-75	9.45E-02	1.32E+00	4.37E+00	U
TM	15	348846001	5/14/2014	Th-228	0.00E+00	4.00E+00	7.61E+00	U
TM	15	348846001	5/14/2014	Zn-65	-2.87E+00	3.09E+00	8.08E+00	U
TM	15	348846001	5/14/2014	Zr-95	-1.36E+00	1.77E+00	5.45E+00	U
TM	15	349788001	5/28/2014	Ac-228	-2.60E+01	9.64E+00	1.89E+01	U
TM	15	349788001	5/28/2014	Ag-108m	2.04E-01	1.33E+00	4.40E+00	U
TM	15	349788001	5/28/2014	Ag-110m	-1.20E+00	1.62E+00	5.11E+00	U
TM	15	349788001	5/28/2014	Ba-140	1.90E-02	1.90E+00	6.29E+00	U
TM	15	349788001	5/28/2014	Be-7	-6.91E+00	1.35E+01	4.22E+01	U
TM	15	349788001	5/28/2014	Ce-141	1.45E+00	2.76E+00	8.73E+00	U
TM	15	349788001	5/28/2014	Ce-144	0.00E+00	1.68E+01	3.21E+01	U
TM	15	349788001	5/28/2014	Co-57	-5.36E-01	1.55E+00	4.43E+00	U
TM	15	349788001	5/28/2014	Co-58	2.87E+00	8.51E-01	4.17E+00	U
TM	15	349788001	5/28/2014	Co-60	1.81E+00	1.86E+00	6.59E+00	U
TM	15	349788001	5/28/2014	Cr-51	1.64E+01	1.61E+01	4.94E+01	U
TM	15	349788001	5/28/2014	Cs-134	-9.39E-01	1.83E+00	5.80E+00	U
TM	15	349788001	5/28/2014	Cs-137	3.00E+00	1.94E+00	6.68E+00	U
TM	15	349788001	5/28/2014	Fe-59	-4.02E+00	4.23E+00	1.26E+01	U
TM	15	349788001	5/28/2014	I-131	-1.88E-01	1.43E-01	4.47E-01	U
TM	15	349788001	5/28/2014	K-40	1.66E+03	1.10E+02	5.00E+01	
TM	15	349788001	5/28/2014	La-140	1.90E-02	1.90E+00	6.29E+00	U
TM	15	349788001	5/28/2014	Mn-54	6.54E-01	1.81E+00	5.39E+00	U
TM	15	349788001	5/28/2014	Nb-95	3.58E-01	1.43E+00	4.86E+00	U
TM	15	349788001	5/28/2014	Ru-103	-2.92E+00	1.73E+00	4.49E+00	U
TM	15	349788001	5/28/2014	Ru-106	-6.23E+00	1.66E+01	5.16E+01	U
TM	15	349788001	5/28/2014	Sb-124	-8.06E-01	3.56E+00	1.13E+01	U
TM	15	349788001	5/28/2014	Sb-125	-2.15E+00	4.12E+00	1.30E+01	U
TM	15	349788001	5/28/2014	Se-75	4.58E+00	2.45E+00	8.02E+00	U
TM	15	349788001	5/28/2014	Th-228	9.01E-01	4.31E+00	1.02E+01	U
TM	15	349788001	5/28/2014	Zn-65	-7.26E+00	4.63E+00	1.20E+01	U
TM	15	349788001	5/28/2014	Zr-95	-6.55E-01	2.55E+00	8.33E+00	U
TM	15	350658001	6/11/2014	Ac-228	-4.19E+00	6.22E+00	1.93E+01	U
TM	15	350658001	6/11/2014	Ag-108m	0.00E+00	3.38E+00	4.11E+00	U
TM	15	350658001	6/11/2014	Ag-110m	6.69E-01	1.69E+00	4.00E+00	U
TM	15	350658001	6/11/2014	Ba-140	7.03E-01	1.82E+00	6.32E+00	U
TM	15	350658001	6/11/2014	Be-7	-1.84E+01	1.19E+01	3.40E+01	U
TM	15	350658001	6/11/2014	Ce-141	-6.32E+00	2.91E+00	7.50E+00	U
TM	15	350658001	6/11/2014	Ce-144	9.69E+00	9.32E+00	3.17E+01	U
TM	15	350658001	6/11/2014	Co-57	-4.06E-01	1.33E+00	4.15E+00	U
TM	15	350658001	6/11/2014	Co-58	1.30E+00	1.44E+00	4.62E+00	U
TM	15	350658001	6/11/2014	Co-60	2.01E+00	1.64E+00	5.68E+00	U
TM	15	350658001	6/11/2014	Cr-51	-1.01E+01	1.25E+01	3.83E+01	U
TM	15	350658001	6/11/2014	Cs-134	5.58E-01	1.69E+00	5.60E+00	U
TM	15	350658001	6/11/2014	Cs-137	2.25E+00	2.31E+00	5.03E+00	U
TM	15	350658001	6/11/2014	Fe-59	2.34E+00	3.67E+00	1.25E+01	U
TM	15	350658001	6/11/2014	I-131	2.46E-01	1.17E-01	3.51E-01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	350658001	6/11/2014	K-40	1.69E+03	1.03E+02	4.48E+01	
TM	15	350658001	6/11/2014	La-140	7.03E-01	1.82E+00	6.32E+00	U
TM	15	350658001	6/11/2014	Mn-54	-9.90E-01	1.42E+00	4.31E+00	U
TM	15	350658001	6/11/2014	Nb-95	1.23E+00	1.32E+00	4.49E+00	U
TM	15	350658001	6/11/2014	Ru-103	3.07E+00	1.60E+00	5.29E+00	U
TM	15	350658001	6/11/2014	Ru-106	7.26E+00	1.35E+01	4.57E+01	U
TM	15	350658001	6/11/2014	Sb-124	1.35E+00	3.61E+00	1.24E+01	U
TM	15	350658001	6/11/2014	Sb-125	4.61E+00	3.68E+00	1.10E+01	U
TM	15	350658001	6/11/2014	Se-75	4.77E-01	1.94E+00	6.44E+00	U
TM	15	350658001	6/11/2014	Th-228	-2.64E+00	3.12E+00	9.76E+00	U
TM	15	350658001	6/11/2014	Zn-65	-7.48E+00	3.99E+00	1.01E+01	U
TM	15	350658001	6/11/2014	Zr-95	2.23E+00	2.45E+00	8.30E+00	U
TM	15	351508001	6/25/2014	Ac-228	-1.23E-01	4.66E+00	1.45E+01	U
TM	15	351508001	6/25/2014	Ag-108m	3.23E-01	9.97E-01	2.85E+00	U
TM	15	351508001	6/25/2014	Ag-110m	1.31E+00	9.65E-01	2.86E+00	U
TM	15	351508001	6/25/2014	Ba-140	4.06E-01	1.50E+00	4.39E+00	U
TM	15	351508001	6/25/2014	Be-7	-3.97E+00	8.15E+00	2.54E+01	U
TM	15	351508001	6/25/2014	Ce-141	-8.34E-02	1.61E+00	5.20E+00	U
TM	15	351508001	6/25/2014	Ce-144	-5.05E+00	6.14E+00	1.93E+01	U
TM	15	351508001	6/25/2014	Co-57	-3.48E-01	7.80E-01	2.52E+00	U
TM	15	351508001	6/25/2014	Co-58	7.07E-01	1.03E+00	3.39E+00	U
TM	15	351508001	6/25/2014	Co-60	-1.15E+00	1.32E+00	4.00E+00	U
TM	15	351508001	6/25/2014	Cr-51	-7.31E+00	9.10E+00	2.78E+01	U
TM	15	351508001	6/25/2014	Cs-134	-1.10E-01	1.15E+00	3.73E+00	U
TM	15	351508001	6/25/2014	Cs-137	1.36E+00	1.21E+00	3.36E+00	U
TM	15	351508001	6/25/2014	Fe-59	-3.47E+00	2.70E+00	8.03E+00	U
TM	15	351508001	6/25/2014	I-131	6.89E-03	2.18E-01	6.39E-01	U
TM	15	351508001	6/25/2014	K-40	1.63E+03	8.93E+01	3.58E+01	
TM	15	351508001	6/25/2014	La-140	4.06E-01	1.50E+00	4.39E+00	U
TM	15	351508001	6/25/2014	Mn-54	-2.35E-01	1.03E+00	3.30E+00	U
TM	15	351508001	6/25/2014	Nb-95	-9.12E-01	1.01E+00	3.07E+00	U
TM	15	351508001	6/25/2014	Ru-103	-1.01E-01	1.01E+00	3.41E+00	U
TM	15	351508001	6/25/2014	Ru-106	4.85E+00	9.21E+00	3.09E+01	U
TM	15	351508001	6/25/2014	Sb-124	-1.41E+00	2.14E+00	6.60E+00	U
TM	15	351508001	6/25/2014	Sb-125	-3.41E+00	2.74E+00	8.08E+00	U
TM	15	351508001	6/25/2014	Se-75	-1.61E+00	1.30E+00	4.02E+00	U
TM	15	351508001	6/25/2014	Th-228	1.05E+00	2.82E+00	6.27E+00	U
TM	15	351508001	6/25/2014	Zn-65	-3.16E+00	2.86E+00	8.69E+00	U
TM	15	351508001	6/25/2014	Zr-95	2.19E+00	1.89E+00	6.25E+00	U
TM	15	352453001	7/9/2014	Ac-228	3.66E+00	6.22E+00	2.15E+01	U
TM	15	352453001	7/9/2014	Ag-108m	1.86E+00	1.37E+00	4.17E+00	U
TM	15	352453001	7/9/2014	Ag-110m	-1.64E+00	1.38E+00	3.80E+00	U
TM	15	352453001	7/9/2014	Ba-140	1.67E+00	1.76E+00	6.29E+00	U
TM	15	352453001	7/9/2014	Be-7	-2.47E+01	1.29E+01	3.05E+01	U
TM	15	352453001	7/9/2014	Ce-141	-1.33E+00	2.31E+00	7.39E+00	U
TM	15	352453001	7/9/2014	Ce-144	-9.64E-01	9.44E+00	3.12E+01	U
TM	15	352453001	7/9/2014	Co-57	7.32E-01	1.23E+00	4.03E+00	U
TM	15	352453001	7/9/2014	Co-58	-4.05E-01	1.35E+00	4.40E+00	U
TM	15	352453001	7/9/2014	Co-60	-2.25E+00	1.72E+00	4.78E+00	U
TM	15	352453001	7/9/2014	Cr-51	-1.08E+01	1.19E+01	3.75E+01	U
TM	15	352453001	7/9/2014	Cs-134	-1.25E+00	1.78E+00	5.59E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	352453001	7/9/2014	Cs-137	2.31E+00	1.64E+00	5.46E+00	U
TM	15	352453001	7/9/2014	Fe-59	2.70E+00	3.51E+00	1.18E+01	U
TM	15	352453001	7/9/2014	I-131	1.09E-01	1.38E-01	4.59E-01	U
TM	15	352453001	7/9/2014	K-40	1.62E+03	1.02E+02	4.49E+01	
TM	15	352453001	7/9/2014	La-140	1.67E+00	1.76E+00	6.29E+00	U
TM	15	352453001	7/9/2014	Mn-54	4.49E+00	1.83E+00	5.58E+00	U
TM	15	352453001	7/9/2014	Nb-95	4.98E-01	1.62E+00	5.43E+00	U
TM	15	352453001	7/9/2014	Ru-103	8.82E-01	1.78E+00	4.94E+00	U
TM	15	352453001	7/9/2014	Ru-106	1.98E+01	1.32E+01	4.44E+01	U
TM	15	352453001	7/9/2014	Sb-124	-3.86E+00	3.05E+00	7.59E+00	U
TM	15	352453001	7/9/2014	Sb-125	2.87E-01	4.00E+00	1.23E+01	U
TM	15	352453001	7/9/2014	Se-75	-5.38E-01	1.99E+00	6.22E+00	U
TM	15	352453001	7/9/2014	Th-228	4.25E+00	4.07E+00	1.09E+01	U
TM	15	352453001	7/9/2014	Zn-65	-5.44E+00	4.52E+00	1.03E+01	U
TM	15	352453001	7/9/2014	Zr-95	1.99E+00	2.31E+00	8.06E+00	U
TM	15	353520001	7/23/2014	Ac-228	-1.02E+01	6.85E+00	1.92E+01	U
TM	15	353520001	7/23/2014	Ag-108m	1.51E-01	1.24E+00	4.19E+00	U
TM	15	353520001	7/23/2014	Ag-110m	1.59E+00	1.78E+00	5.26E+00	U
TM	15	353520001	7/23/2014	Ba-140	-2.81E+00	1.99E+00	5.03E+00	U
TM	15	353520001	7/23/2014	Be-7	-1.18E+01	1.23E+01	3.79E+01	U
TM	15	353520001	7/23/2014	Ce-141	8.03E-01	2.83E+00	8.55E+00	U
TM	15	353520001	7/23/2014	Ce-144	-7.72E+00	1.06E+01	3.27E+01	U
TM	15	353520001	7/23/2014	Co-57	2.10E+00	1.57E+00	3.86E+00	U
TM	15	353520001	7/23/2014	Co-58	2.22E+00	1.51E+00	5.06E+00	U
TM	15	353520001	7/23/2014	Co-60	4.39E-02	2.90E+00	5.56E+00	U
TM	15	353520001	7/23/2014	Cr-51	-1.44E+01	1.41E+01	4.18E+01	U
TM	15	353520001	7/23/2014	Cs-134	2.07E+00	1.33E+00	5.55E+00	U
TM	15	353520001	7/23/2014	Cs-137	3.29E+00	1.89E+00	6.17E+00	U
TM	15	353520001	7/23/2014	Fe-59	-2.33E+00	3.03E+00	9.39E+00	U
TM	15	353520001	7/23/2014	I-131	1.86E-01	1.83E-01	6.08E-01	U
TM	15	353520001	7/23/2014	K-40	1.77E+03	1.04E+02	5.83E+01	
TM	15	353520001	7/23/2014	La-140	-2.81E+00	1.99E+00	5.03E+00	U
TM	15	353520001	7/23/2014	Mn-54	1.42E+00	1.63E+00	4.82E+00	U
TM	15	353520001	7/23/2014	Nb-95	-2.04E+00	1.72E+00	4.62E+00	U
TM	15	353520001	7/23/2014	Ru-103	-1.67E+00	1.47E+00	4.45E+00	U
TM	15	353520001	7/23/2014	Ru-106	2.38E+00	1.19E+01	3.95E+01	U
TM	15	353520001	7/23/2014	Sb-124	2.28E+00	3.07E+00	1.06E+01	U
TM	15	353520001	7/23/2014	Sb-125	-2.24E-01	3.88E+00	1.30E+01	U
TM	15	353520001	7/23/2014	Se-75	2.53E+00	2.06E+00	6.71E+00	U
TM	15	353520001	7/23/2014	Th-228	1.14E-01	3.61E+00	9.55E+00	U
TM	15	353520001	7/23/2014	Zn-65	-3.68E+00	3.77E+00	1.15E+01	U
TM	15	353520001	7/23/2014	Zr-95	-7.05E-01	2.50E+00	7.98E+00	U
TM	15	354396001	8/6/2014	Ac-228	-1.24E+01	9.13E+00	2.67E+01	U
TM	15	354396001	8/6/2014	Ag-108m	-1.14E+00	1.56E+00	4.76E+00	U
TM	15	354396001	8/6/2014	Ag-110m	2.35E-01	1.91E+00	6.34E+00	U
TM	15	354396001	8/6/2014	Ba-140	-1.36E+00	2.44E+00	7.51E+00	U
TM	15	354396001	8/6/2014	Be-7	2.69E+00	1.54E+01	4.99E+01	U
TM	15	354396001	8/6/2014	Ce-141	-5.50E+00	3.75E+00	9.47E+00	U
TM	15	354396001	8/6/2014	Ce-144	2.05E+00	1.15E+01	3.76E+01	U
TM	15	354396001	8/6/2014	Co-57	-1.27E+00	1.60E+00	4.91E+00	U
TM	15	354396001	8/6/2014	Co-58	-6.19E-01	2.03E+00	6.45E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	354396001	8/6/2014	Co-60	-1.44E+00	2.14E+00	5.86E+00	U
TM	15	354396001	8/6/2014	Cr-51	-6.35E+00	1.68E+01	5.44E+01	U
TM	15	354396001	8/6/2014	Cs-134	-8.39E-01	2.07E+00	6.50E+00	U
TM	15	354396001	8/6/2014	Cs-137	2.62E+00	2.15E+00	7.23E+00	U
TM	15	354396001	8/6/2014	Fe-59	-1.87E+00	4.52E+00	1.45E+01	U
TM	15	354396001	8/6/2014	I-131	-7.15E-02	1.84E-01	6.09E-01	U
TM	15	354396001	8/6/2014	K-40	1.98E+03	1.21E+02	6.99E+01	
TM	15	354396001	8/6/2014	La-140	-1.36E+00	2.44E+00	7.51E+00	U
TM	15	354396001	8/6/2014	Mn-54	-2.10E+00	1.96E+00	5.70E+00	U
TM	15	354396001	8/6/2014	Nb-95	2.21E+00	1.68E+00	5.42E+00	U
TM	15	354396001	8/6/2014	Ru-103	-4.40E-01	2.14E+00	6.20E+00	U
TM	15	354396001	8/6/2014	Ru-106	-8.13E+00	1.64E+01	5.27E+01	U
TM	15	354396001	8/6/2014	Sb-124	-1.70E+00	3.23E+00	9.80E+00	U
TM	15	354396001	8/6/2014	Sb-125	9.90E-01	4.74E+00	1.55E+01	U
TM	15	354396001	8/6/2014	Se-75	-1.82E+00	2.27E+00	7.26E+00	U
TM	15	354396001	8/6/2014	Th-228	-2.07E+00	3.23E+00	1.08E+01	U
TM	15	354396001	8/6/2014	Zn-65	-1.65E+00	4.21E+00	1.35E+01	U
TM	15	354396001	8/6/2014	Zr-95	3.05E+00	3.39E+00	1.14E+01	U
TM	15	355388001	8/20/2014	Ac-228	1.08E+00	8.87E+00	2.97E+01	U
TM	15	355388001	8/20/2014	Ag-108m	4.01E+00	2.08E+00	6.72E+00	U
TM	15	355388001	8/20/2014	Ag-110m	2.37E+00	2.10E+00	7.06E+00	U
TM	15	355388001	8/20/2014	Ba-140	2.60E-01	2.87E+00	9.67E+00	U
TM	15	355388001	8/20/2014	Be-7	3.81E+01	1.96E+01	6.36E+01	U
TM	15	355388001	8/20/2014	Ce-141	-4.29E+00	3.99E+00	1.07E+01	U
TM	15	355388001	8/20/2014	Ce-144	-1.10E+00	1.29E+01	3.69E+01	U
TM	15	355388001	8/20/2014	Co-57	-1.59E+00	1.55E+00	4.83E+00	U
TM	15	355388001	8/20/2014	Co-58	-1.29E-01	2.30E+00	7.69E+00	U
TM	15	355388001	8/20/2014	Co-60	-1.60E+00	2.08E+00	6.09E+00	U
TM	15	355388001	8/20/2014	Cr-51	1.58E+01	1.62E+01	6.06E+01	U
TM	15	355388001	8/20/2014	Cs-134	-2.94E+00	2.68E+00	8.11E+00	U
TM	15	355388001	8/20/2014	Cs-137	-3.10E+00	2.47E+00	7.10E+00	U
TM	15	355388001	8/20/2014	Fe-59	2.21E+00	5.62E+00	1.89E+01	U
TM	15	355388001	8/20/2014	I-131	5.71E-02	1.37E-01	4.64E-01	U
TM	15	355388001	8/20/2014	K-40	1.60E+03	1.12E+02	6.14E+01	
TM	15	355388001	8/20/2014	La-140	2.60E-01	2.87E+00	9.67E+00	U
TM	15	355388001	8/20/2014	Mn-54	7.29E-01	2.80E+00	8.18E+00	U
TM	15	355388001	8/20/2014	Nb-95	2.45E+00	2.21E+00	7.42E+00	U
TM	15	355388001	8/20/2014	Ru-103	-6.20E-01	2.21E+00	7.19E+00	U
TM	15	355388001	8/20/2014	Ru-106	-1.01E+01	2.35E+01	6.29E+01	U
TM	15	355388001	8/20/2014	Sb-124	-5.61E+00	5.07E+00	1.41E+01	U
TM	15	355388001	8/20/2014	Sb-125	-6.29E+00	5.74E+00	1.75E+01	U
TM	15	355388001	8/20/2014	Se-75	6.82E+00	4.75E+00	8.72E+00	U
TM	15	355388001	8/20/2014	Th-228	3.19E+00	4.85E+00	1.30E+01	U
TM	15	355388001	8/20/2014	Zn-65	-3.82E+00	7.08E+00	1.88E+01	U
TM	15	355388001	8/20/2014	Zr-95	-4.03E+00	4.33E+00	1.28E+01	U
TM	15	356289001	9/3/2014	Ac-228	-7.10E+00	9.37E+00	2.81E+01	U
TM	15	356289001	9/3/2014	Ag-108m	-1.99E+00	1.87E+00	5.72E+00	U
TM	15	356289001	9/3/2014	Ag-110m	-1.19E+00	2.27E+00	7.13E+00	U
TM	15	356289001	9/3/2014	Ba-140	-4.81E+00	3.59E+00	9.56E+00	U
TM	15	356289001	9/3/2014	Be-7	-2.55E+01	1.89E+01	5.48E+01	U
TM	15	356289001	9/3/2014	Ce-141	3.74E-02	3.88E+00	1.14E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	356289001	9/3/2014	Ce-144	-6.32E+00	1.37E+01	3.84E+01	U
TM	15	356289001	9/3/2014	Co-57	-5.67E-01	1.47E+00	4.79E+00	U
TM	15	356289001	9/3/2014	Co-58	-1.57E-01	2.30E+00	7.69E+00	U
TM	15	356289001	9/3/2014	Co-60	-3.63E+00	2.61E+00	6.98E+00	U
TM	15	356289001	9/3/2014	Cr-51	7.87E-01	1.74E+01	5.85E+01	U
TM	15	356289001	9/3/2014	Cs-134	-2.84E+00	2.58E+00	7.80E+00	U
TM	15	356289001	9/3/2014	Cs-137	8.59E-01	2.52E+00	8.35E+00	U
TM	15	356289001	9/3/2014	Fe-59	2.39E+00	5.39E+00	1.82E+01	U
TM	15	356289001	9/3/2014	I-131	-1.20E-01	1.37E-01	4.45E-01	U
TM	15	356289001	9/3/2014	K-40	1.57E+03	1.09E+02	5.82E+01	
TM	15	356289001	9/3/2014	La-140	-4.81E+00	3.59E+00	9.56E+00	U
TM	15	356289001	9/3/2014	Mn-54	1.26E+00	2.21E+00	7.57E+00	U
TM	15	356289001	9/3/2014	Nb-95	2.06E+00	2.42E+00	8.07E+00	U
TM	15	356289001	9/3/2014	Ru-103	2.16E+00	2.25E+00	7.59E+00	U
TM	15	356289001	9/3/2014	Ru-106	2.74E+01	2.00E+01	6.70E+01	U
TM	15	356289001	9/3/2014	Sb-124	-2.94E+00	4.77E+00	1.45E+01	U
TM	15	356289001	9/3/2014	Sb-125	5.31E+00	5.40E+00	1.83E+01	U
TM	15	356289001	9/3/2014	Se-75	-3.20E+00	2.45E+00	7.08E+00	U
TM	15	356289001	9/3/2014	Th-228	5.13E+00	4.16E+00	1.31E+01	U
TM	15	356289001	9/3/2014	Zn-65	-3.72E+00	6.04E+00	1.90E+01	U
TM	15	356289001	9/3/2014	Zr-95	9.23E-01	3.86E+00	1.27E+01	U
TM	15	357216001	9/17/2014	Ac-228	-6.54E-01	6.71E+00	2.07E+01	U
TM	15	357216001	9/17/2014	Ag-108m	1.03E+00	1.35E+00	4.65E+00	U
TM	15	357216001	9/17/2014	Ag-110m	1.66E-01	1.50E+00	4.32E+00	U
TM	15	357216001	9/17/2014	Ba-140	1.20E+00	2.09E+00	7.35E+00	U
TM	15	357216001	9/17/2014	Be-7	-1.03E-01	1.15E+01	3.85E+01	U
TM	15	357216001	9/17/2014	Ce-141	5.11E-01	2.93E+00	8.81E+00	U
TM	15	357216001	9/17/2014	Ce-144	-3.79E+00	9.81E+00	3.28E+01	U
TM	15	357216001	9/17/2014	Co-57	5.67E-02	1.53E+00	4.31E+00	U
TM	15	357216001	9/17/2014	Co-58	1.03E+00	1.55E+00	5.19E+00	U
TM	15	357216001	9/17/2014	Co-60	2.89E+00	2.62E+00	6.42E+00	U
TM	15	357216001	9/17/2014	Cr-51	-5.44E+00	1.36E+01	4.34E+01	U
TM	15	357216001	9/17/2014	Cs-134	-8.19E-01	1.75E+00	5.47E+00	U
TM	15	357216001	9/17/2014	Cs-137	1.38E+00	2.52E+00	4.39E+00	U
TM	15	357216001	9/17/2014	Fe-59	-2.12E+00	3.44E+00	1.09E+01	U
TM	15	357216001	9/17/2014	I-131	6.92E-02	1.37E-01	4.63E-01	U
TM	15	357216001	9/17/2014	K-40	1.62E+03	9.74E+01	4.58E+01	
TM	15	357216001	9/17/2014	La-140	1.20E+00	2.09E+00	7.35E+00	U
TM	15	357216001	9/17/2014	Mn-54	2.46E+00	1.80E+00	5.95E+00	U
TM	15	357216001	9/17/2014	Nb-95	-6.48E-01	1.48E+00	4.67E+00	U
TM	15	357216001	9/17/2014	Ru-103	-1.20E-01	1.54E+00	5.15E+00	U
TM	15	357216001	9/17/2014	Ru-106	-9.92E+00	1.18E+01	3.59E+01	U
TM	15	357216001	9/17/2014	Sb-124	2.11E+00	3.16E+00	1.12E+01	U
TM	15	357216001	9/17/2014	Sb-125	4.83E+00	4.42E+00	1.45E+01	U
TM	15	357216001	9/17/2014	Se-75	6.48E-01	2.01E+00	6.69E+00	U
TM	15	357216001	9/17/2014	Th-228	-1.16E+00	3.32E+00	1.05E+01	U
TM	15	357216001	9/17/2014	Zn-65	1.25E+00	4.08E+00	1.20E+01	U
TM	15	357216001	9/17/2014	Zr-95	3.59E+00	2.80E+00	9.43E+00	U
TM	15	359252001	10/15/2014	Ac-228	1.66E+01	1.06E+01	2.85E+01	U
TM	15	359252001	10/15/2014	Ag-108m	2.70E+00	1.47E+00	4.78E+00	U
TM	15	359252001	10/15/2014	Ag-110m	4.15E-01	1.74E+00	5.10E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	359252001	10/15/2014	Ba-140	4.84E-01	2.43E+00	8.13E+00	U
TM	15	359252001	10/15/2014	Be-7	-1.41E+00	1.32E+01	4.43E+01	U
TM	15	359252001	10/15/2014	Ce-141	2.61E+00	3.15E+00	1.03E+01	U
TM	15	359252001	10/15/2014	Ce-144	1.81E+01	1.18E+01	3.90E+01	U
TM	15	359252001	10/15/2014	Co-57	8.65E-01	1.54E+00	5.24E+00	U
TM	15	359252001	10/15/2014	Co-58	-1.88E-01	1.55E+00	5.02E+00	U
TM	15	359252001	10/15/2014	Co-60	7.31E-01	1.79E+00	6.14E+00	U
TM	15	359252001	10/15/2014	Cr-51	1.59E-01	1.47E+01	4.79E+01	U
TM	15	359252001	10/15/2014	Cs-134	-7.22E-01	1.66E+00	5.23E+00	U
TM	15	359252001	10/15/2014	Cs-137	4.18E+00	2.15E+00	5.86E+00	U
TM	15	359252001	10/15/2014	Fe-59	3.47E+00	3.73E+00	1.30E+01	U
TM	15	359252001	10/15/2014	I-131	3.60E-02	9.26E-02	3.13E-01	U
TM	15	359252001	10/15/2014	K-40	1.57E+03	1.08E+02	4.38E+01	
TM	15	359252001	10/15/2014	La-140	4.84E-01	2.43E+00	8.13E+00	U
TM	15	359252001	10/15/2014	Mn-54	-1.16E+00	1.44E+00	4.29E+00	U
TM	15	359252001	10/15/2014	Nb-95	1.75E+00	1.60E+00	5.47E+00	U
TM	15	359252001	10/15/2014	Ru-103	-5.49E-04	1.54E+00	5.17E+00	U
TM	15	359252001	10/15/2014	Ru-106	8.73E+00	1.60E+01	4.81E+01	U
TM	15	359252001	10/15/2014	Sb-124	9.83E-01	3.54E+00	1.29E+01	U
TM	15	359252001	10/15/2014	Sb-125	9.99E+00	4.82E+00	1.54E+01	U
TM	15	359252001	10/15/2014	Se-75	1.59E+00	2.04E+00	6.84E+00	U
TM	15	359252001	10/15/2014	Th-228	7.52E+00	6.14E+00	1.25E+01	U
TM	15	359252001	10/15/2014	Zn-65	-8.61E-01	4.12E+00	1.37E+01	U
TM	15	359252001	10/15/2014	Zr-95	4.36E+00	2.90E+00	9.92E+00	U
TM	15	361408001	11/12/2014	Ac-228	3.00E+00	4.86E+00	1.71E+01	U
TM	15	361408001	11/12/2014	Ag-108m	-8.87E-01	1.20E+00	3.70E+00	U
TM	15	361408001	11/12/2014	Ag-110m	2.28E+00	1.83E+00	4.22E+00	U
TM	15	361408001	11/12/2014	Ba-140	1.48E-01	1.79E+00	6.03E+00	U
TM	15	361408001	11/12/2014	Be-7	9.44E-01	1.13E+01	3.70E+01	U
TM	15	361408001	11/12/2014	Ce-141	-4.30E-01	2.53E+00	8.09E+00	U
TM	15	361408001	11/12/2014	Ce-144	7.25E-01	9.47E+00	3.06E+01	U
TM	15	361408001	11/12/2014	Co-57	-1.95E+00	1.35E+00	3.83E+00	U
TM	15	361408001	11/12/2014	Co-58	-1.65E+00	1.66E+00	4.19E+00	U
TM	15	361408001	11/12/2014	Co-60	3.32E-01	1.41E+00	4.64E+00	U
TM	15	361408001	11/12/2014	Cr-51	3.72E-02	1.24E+01	4.13E+01	U
TM	15	361408001	11/12/2014	Cs-134	-1.68E+00	1.72E+00	5.23E+00	U
TM	15	361408001	11/12/2014	Cs-137	5.26E+00	1.86E+00	3.62E+00	M
TM	15	361408001	11/12/2014	Fe-59	1.49E+00	3.75E+00	1.25E+01	U
TM	15	361408001	11/12/2014	I-131	-2.07E-01	1.86E-01	3.83E-01	U
TM	15	361408001	11/12/2014	K-40	1.58E+03	9.57E+01	4.44E+01	
TM	15	361408001	11/12/2014	La-140	1.48E-01	1.79E+00	6.03E+00	U
TM	15	361408001	11/12/2014	Mn-54	3.87E-01	1.50E+00	5.05E+00	U
TM	15	361408001	11/12/2014	Nb-95	7.18E-01	1.45E+00	4.40E+00	U
TM	15	361408001	11/12/2014	Ru-103	1.96E+00	1.52E+00	5.07E+00	U
TM	15	361408001	11/12/2014	Ru-106	-6.85E-01	1.29E+01	4.13E+01	U
TM	15	361408001	11/12/2014	Sb-124	3.69E+00	2.70E+00	1.00E+01	U
TM	15	361408001	11/12/2014	Sb-125	-1.68E+00	3.62E+00	1.15E+01	U
TM	15	361408001	11/12/2014	Se-75	-2.72E-01	1.93E+00	5.66E+00	U
TM	15	361408001	11/12/2014	Th-228	1.02E+00	3.63E+00	9.79E+00	U
TM	15	361408001	11/12/2014	Zn-65	-3.55E+00	3.72E+00	1.10E+01	U
TM	15	361408001	11/12/2014	Zr-95	-2.72E+00	2.39E+00	7.07E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TM	15	363068001	12/10/2014	Ac-228	8.43E+00	7.91E+00	2.75E+01	U
TM	15	363068001	12/10/2014	Ag-108m	-4.70E-01	1.55E+00	4.88E+00	U
TM	15	363068001	12/10/2014	Ag-110m	1.83E+00	2.27E+00	5.98E+00	U
TM	15	363068001	12/10/2014	Ba-140	8.95E-01	2.57E+00	8.89E+00	U
TM	15	363068001	12/10/2014	Be-7	1.80E+01	1.44E+01	4.98E+01	U
TM	15	363068001	12/10/2014	Ce-141	-4.22E+00	3.48E+00	9.55E+00	U
TM	15	363068001	12/10/2014	Ce-144	-8.68E+00	1.20E+01	3.68E+01	U
TM	15	363068001	12/10/2014	Co-57	-1.38E+00	1.66E+00	5.05E+00	U
TM	15	363068001	12/10/2014	Co-58	4.72E+00	1.76E+00	5.60E+00	U
TM	15	363068001	12/10/2014	Co-60	-1.19E+00	2.08E+00	6.36E+00	U
TM	15	363068001	12/10/2014	Cr-51	-5.92E+00	1.64E+01	5.26E+01	U
TM	15	363068001	12/10/2014	Cs-134	-4.90E-02	1.94E+00	6.12E+00	U
TM	15	363068001	12/10/2014	Cs-137	5.29E-01	2.03E+00	6.41E+00	U
TM	15	363068001	12/10/2014	Fe-59	4.36E+00	4.25E+00	1.32E+01	U
TM	15	363068001	12/10/2014	I-131	-2.86E-01	1.45E-01	3.77E-01	U
TM	15	363068001	12/10/2014	K-40	1.68E+03	1.09E+02	5.80E+01	
TM	15	363068001	12/10/2014	La-140	8.95E-01	2.57E+00	8.89E+00	U
TM	15	363068001	12/10/2014	Mn-54	3.15E-02	1.85E+00	5.18E+00	U
TM	15	363068001	12/10/2014	Nb-95	1.54E+00	1.76E+00	5.99E+00	U
TM	15	363068001	12/10/2014	Ru-103	-1.28E+00	1.87E+00	5.98E+00	U
TM	15	363068001	12/10/2014	Ru-106	-1.63E+01	1.60E+01	4.18E+01	U
TM	15	363068001	12/10/2014	Sb-124	-3.01E+00	3.45E+00	9.75E+00	U
TM	15	363068001	12/10/2014	Sb-125	-2.35E+00	5.02E+00	1.56E+01	U
TM	15	363068001	12/10/2014	Se-75	-2.02E+00	2.41E+00	7.53E+00	U
TM	15	363068001	12/10/2014	Th-228	8.15E+00	7.93E+00	1.29E+01	U
TM	15	363068001	12/10/2014	Zn-65	-4.86E+00	4.99E+00	1.50E+01	U
TM	15	363068001	12/10/2014	Zr-95	7.50E-01	3.44E+00	1.08E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WG	01	345112001	3/19/2014	Ac-228	-6.48E-01	3.06E+00	7.36E+00	U
WG	01	345112001	3/19/2014	Ag-108m	-4.75E-01	4.60E-01	1.40E+00	U
WG	01	345112001	3/19/2014	Ag-110m	9.71E-03	4.64E-01	1.54E+00	U
WG	01	345112001	3/19/2014	Ba-140	-6.45E-02	9.29E-01	3.08E+00	U
WG	01	345112001	3/19/2014	Be-7	3.96E+00	4.62E+00	1.48E+01	U
WG	01	345112001	3/19/2014	Bi-214	5.22E+00	2.13E+00	3.32E+00	UI
WG	01	345112001	3/19/2014	Ce-141	5.01E-01	1.61E+00	2.68E+00	U
WG	01	345112001	3/19/2014	Ce-144	-1.43E+00	3.93E+00	1.03E+01	U
WG	01	345112001	3/19/2014	Co-57	-7.62E-01	4.51E-01	1.32E+00	U
WG	01	345112001	3/19/2014	Co-58	2.18E-01	5.04E-01	1.65E+00	U
WG	01	345112001	3/19/2014	Co-60	1.75E-01	5.51E-01	1.81E+00	U
WG	01	345112001	3/19/2014	Cr-51	-2.77E+00	4.69E+00	1.52E+01	U
WG	01	345112001	3/19/2014	Cs-134	-2.39E-01	5.50E-01	1.76E+00	U
WG	01	345112001	3/19/2014	Cs-137	-8.87E-01	5.54E-01	1.61E+00	U
WG	01	345112001	3/19/2014	Fe-59	-6.51E-01	1.04E+00	3.33E+00	U
WG	01	345112001	3/19/2014	I-131	-2.68E-01	9.36E-01	3.04E+00	U
WG	01	345112001	3/19/2014	K-40	2.50E+01	1.04E+01	1.77E+01	M
WG	01	345112001	3/19/2014	La-140	-6.45E-02	9.29E-01	3.08E+00	U
WG	01	345112001	3/19/2014	Mn-54	5.22E-01	5.19E-01	1.69E+00	U
WG	01	345112001	3/19/2014	Nb-95	-1.01E-01	5.07E-01	1.64E+00	U
WG	01	345112001	3/19/2014	Pb-212	1.49E+00	1.61E+00	3.06E+00	U
WG	01	345112001	3/19/2014	Pb-214	0.00E+00	2.64E+00	4.55E+00	U
WG	01	345112001	3/19/2014	Ru-103	-1.02E-01	6.20E-01	1.82E+00	U
WG	01	345112001	3/19/2014	Ru-106	-1.79E+00	4.40E+00	1.44E+01	U
WG	01	345112001	3/19/2014	Sb-124	7.18E-01	1.46E+00	4.80E+00	U
WG	01	345112001	3/19/2014	Sb-125	-2.37E-01	1.33E+00	4.28E+00	U
WG	01	345112001	3/19/2014	Se-75	-6.47E-01	6.73E-01	2.16E+00	U
WG	01	345112001	3/19/2014	Th-228	1.49E+00	1.61E+00	3.06E+00	U
WG	01	345112001	3/19/2014	Zn-65	9.63E-01	1.19E+00	3.47E+00	U
WG	01	345112001	3/19/2014	Zr-95	-1.44E+00	9.59E-01	2.77E+00	U
WG	01	345112001	3/19/2014	BETA	1.68E+00	9.29E-01	2.48E+00	U
WG	01	350656001	6/11/2014	Ac-228	-2.42E+00	3.15E+00	6.68E+00	U
WG	01	350656001	6/11/2014	Ag-108m	1.22E-01	4.82E-01	1.61E+00	U
WG	01	350656001	6/11/2014	Ag-110m	-1.79E+00	7.04E-01	1.38E+00	U
WG	01	350656001	6/11/2014	Ba-140	-4.77E-01	9.80E-01	2.86E+00	U
WG	01	350656001	6/11/2014	Be-7	-3.62E+00	4.29E+00	1.37E+01	U
WG	01	350656001	6/11/2014	Bi-214	1.07E+01	2.33E+00	3.48E+00	X (1)
WG	01	350656001	6/11/2014	Ce-141	-3.33E+00	2.76E+00	7.43E+00	U
WG	01	350656001	6/11/2014	Ce-144	-1.26E+01	8.76E+00	2.68E+01	U
WG	01	350656001	6/11/2014	Co-57	-3.92E+00	1.60E+00	4.27E+00	U
WG	01	350656001	6/11/2014	Co-58	3.75E-01	4.92E-01	1.61E+00	U
WG	01	350656001	6/11/2014	Co-60	6.10E-01	5.28E-01	1.76E+00	U
WG	01	350656001	6/11/2014	Cr-51	6.73E+00	5.07E+00	1.66E+01	U
WG	01	350656001	6/11/2014	Cs-134	5.44E-01	5.57E-01	1.81E+00	U
WG	01	350656001	6/11/2014	Cs-137	-5.14E-02	6.73E-01	1.72E+00	U
WG	01	350656001	6/11/2014	Fe-59	-2.34E-01	9.84E-01	3.27E+00	U
WG	01	350656001	6/11/2014	I-131	-1.14E+00	8.94E-01	2.81E+00	U
WG	01	350656001	6/11/2014	K-40	1.16E+01	1.34E+01	1.63E+01	U
WG	01	350656001	6/11/2014	La-140	-4.77E-01	9.80E-01	2.86E+00	U
WG	01	350656001	6/11/2014	Mn-54	-3.75E-01	4.91E-01	1.53E+00	U
WG	01	350656001	6/11/2014	Nb-95	5.13E-01	5.13E-01	1.67E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WG	01	350656001	6/11/2014	Pb-212	1.09E+00	1.95E+00	5.24E+00	U
WG	01	350656001	6/11/2014	Pb-214	0.00E+00	2.59E+00	4.67E+00	U
WG	01	350656001	6/11/2014	Ru-103	-4.69E-01	5.39E-01	1.72E+00	U
WG	01	350656001	6/11/2014	Ru-106	5.55E-01	4.58E+00	1.51E+01	U
WG	01	350656001	6/11/2014	Sb-124	-4.99E-01	1.30E+00	3.54E+00	U
WG	01	350656001	6/11/2014	Sb-125	1.24E+00	1.46E+00	4.84E+00	U
WG	01	350656001	6/11/2014	Se-75	6.79E-01	8.71E-01	2.78E+00	U
WG	01	350656001	6/11/2014	Th-228	1.09E+00	1.95E+00	5.24E+00	U
WG	01	350656001	6/11/2014	Zn-65	6.86E-01	1.11E+00	3.28E+00	U
WG	01	350656001	6/11/2014	Zr-95	2.69E-01	9.47E-01	3.11E+00	U
WG	01	350656001	6/11/2014	BETA	1.31E+00	7.07E-01	2.24E+00	U
WG	01	357214001	9/17/2014	Ac-228	7.84E-01	4.17E+00	4.93E+00	U
WG	01	357214001	9/17/2014	Ag-108m	-3.14E-02	3.86E-01	1.26E+00	U
WG	01	357214001	9/17/2014	Ag-110m	-2.86E-01	4.67E-01	1.32E+00	U
WG	01	357214001	9/17/2014	Ba-140	-7.56E-01	7.07E-01	2.13E+00	U
WG	01	357214001	9/17/2014	Be-7	-1.55E+00	3.74E+00	1.20E+01	U
WG	01	357214001	9/17/2014	Bi-214	9.01E+00	1.91E+00	2.93E+00	X (1)
WG	01	357214001	9/17/2014	Ce-141	-4.75E+00	1.87E+00	2.58E+00	U
WG	01	357214001	9/17/2014	Ce-144	6.70E+00	3.41E+00	1.01E+01	U
WG	01	357214001	9/17/2014	Co-57	8.74E-01	4.41E-01	1.32E+00	U
WG	01	357214001	9/17/2014	Co-58	-1.09E-02	4.24E-01	1.40E+00	U
WG	01	357214001	9/17/2014	Co-60	3.22E-01	4.74E-01	1.59E+00	U
WG	01	357214001	9/17/2014	Cr-51	1.86E+00	5.43E+00	1.41E+01	U
WG	01	357214001	9/17/2014	Cs-134	9.49E-02	4.80E-01	1.60E+00	U
WG	01	357214001	9/17/2014	Cs-137	0.00E+00	1.19E+00	1.44E+00	U
WG	01	357214001	9/17/2014	Fe-59	-4.10E-01	8.95E-01	2.82E+00	U
WG	01	357214001	9/17/2014	I-131	6.43E-01	7.54E-01	2.49E+00	U
WG	01	357214001	9/17/2014	K-40	-6.82E+00	9.21E+00	1.96E+01	U
WG	01	357214001	9/17/2014	La-140	-7.56E-01	7.07E-01	2.13E+00	U
WG	01	357214001	9/17/2014	Mn-54	-5.20E-01	4.35E-01	1.33E+00	U
WG	01	357214001	9/17/2014	Nb-95	3.51E-01	4.46E-01	1.49E+00	U
WG	01	357214001	9/17/2014	Pb-212	1.67E+00	1.71E+00	3.26E+00	U
WG	01	357214001	9/17/2014	Pb-214	1.02E+01	2.25E+00	3.22E+00	X (1)
WG	01	357214001	9/17/2014	Ru-103	-5.42E-01	5.44E-01	1.45E+00	U
WG	01	357214001	9/17/2014	Ru-106	3.52E+00	4.01E+00	1.35E+01	U
WG	01	357214001	9/17/2014	Sb-124	-2.88E-01	1.32E+00	3.63E+00	U
WG	01	357214001	9/17/2014	Sb-125	9.00E-01	1.24E+00	4.06E+00	U
WG	01	357214001	9/17/2014	Se-75	-1.93E-02	5.81E-01	1.96E+00	U
WG	01	357214001	9/17/2014	Th-228	1.67E+00	1.71E+00	3.26E+00	U
WG	01	357214001	9/17/2014	Zn-65	-5.56E+00	1.94E+00	2.89E+00	U
WG	01	357214001	9/17/2014	Zr-95	2.50E-02	7.33E-01	2.44E+00	U
WG	01	357214001	9/17/2014	BETA	9.07E-01	6.97E-01	2.24E+00	U
WG	01	363070001	12/10/2014	Ac-228	-3.22E+00	4.02E+00	7.47E+00	U
WG	01	363070001	12/10/2014	Ag-108m	4.04E-01	4.72E-01	1.55E+00	U
WG	01	363070001	12/10/2014	Ag-110m	1.30E+00	7.85E-01	1.64E+00	U
WG	01	363070001	12/10/2014	Ba-140	-7.24E-02	9.47E-01	3.09E+00	U
WG	01	363070001	12/10/2014	Be-7	-9.49E+00	5.02E+00	1.38E+01	U
WG	01	363070001	12/10/2014	Bi-214	9.39E+00	2.43E+00	3.47E+00	X (1)
WG	01	363070001	12/10/2014	Ce-141	3.27E-01	1.08E+00	3.15E+00	U
WG	01	363070001	12/10/2014	Ce-144	3.64E-01	3.56E+00	1.16E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WG	01	363070001	12/10/2014	Co-57	1.25E+00	5.54E-01	1.60E+00	U
WG	01	363070001	12/10/2014	Co-58	-1.12E+00	6.53E-01	1.55E+00	U
WG	01	363070001	12/10/2014	Co-60	3.21E-01	5.39E-01	1.82E+00	U
WG	01	363070001	12/10/2014	Cr-51	-8.88E+00	5.45E+00	1.62E+01	U
WG	01	363070001	12/10/2014	Cs-134	3.26E-01	7.28E-01	1.77E+00	U
WG	01	363070001	12/10/2014	Cs-137	-9.12E-01	9.02E-01	2.18E+00	U
WG	01	363070001	12/10/2014	Fe-59	-2.34E-01	1.14E+00	3.64E+00	U
WG	01	363070001	12/10/2014	I-131	6.79E-01	1.20E+00	3.53E+00	U
WG	01	363070001	12/10/2014	K-40	0.00E+00	1.17E+01	1.63E+01	U
WG	01	363070001	12/10/2014	La-140	-7.24E-02	9.47E-01	3.09E+00	U
WG	01	363070001	12/10/2014	Mn-54	-8.65E-01	5.35E-01	1.54E+00	U
WG	01	363070001	12/10/2014	Nb-95	3.75E-01	5.28E-01	1.77E+00	U
WG	01	363070001	12/10/2014	Pb-212	5.04E+00	1.68E+00	3.17E+00	
WG	01	363070001	12/10/2014	Pb-214	0.00E+00	2.48E+00	5.19E+00	U
WG	01	363070001	12/10/2014	Ru-103	6.25E-01	8.67E-01	1.83E+00	U
WG	01	363070001	12/10/2014	Ru-106	-2.29E+00	4.63E+00	1.53E+01	U
WG	01	363070001	12/10/2014	Sb-124	-1.16E+00	1.43E+00	4.37E+00	U
WG	01	363070001	12/10/2014	Sb-125	-2.26E+00	1.48E+00	4.32E+00	U
WG	01	363070001	12/10/2014	Se-75	-2.19E-01	7.04E-01	2.36E+00	U
WG	01	363070001	12/10/2014	Th-228	5.04E+00	1.68E+00	3.17E+00	
WG	01	363070001	12/10/2014	Zn-65	6.60E-01	1.09E+00	3.11E+00	U
WG	01	363070001	12/10/2014	Zr-95	1.51E+00	9.82E-01	3.13E+00	U
WG	01	363070001	12/10/2014	BETA	1.48E+00	1.12E+00	3.31E+00	U
WG	13	345112002	3/19/2014	Ac-228	-1.40E-01	3.79E+00	8.79E+00	U
WG	13	345112002	3/19/2014	Ag-108m	-1.15E+00	6.08E-01	1.75E+00	U
WG	13	345112002	3/19/2014	Ag-110m	-6.67E-01	6.14E-01	1.89E+00	U
WG	13	345112002	3/19/2014	Ba-140	5.24E-01	1.00E+00	3.35E+00	U
WG	13	345112002	3/19/2014	Be-7	2.94E+00	5.40E+00	1.83E+01	U
WG	13	345112002	3/19/2014	Bi-214	4.17E+01	3.70E+00	4.07E+00	X (1)
WG	13	345112002	3/19/2014	Ce-141	2.19E+00	1.31E+00	4.01E+00	U
WG	13	345112002	3/19/2014	Ce-144	-4.28E+00	4.40E+00	1.42E+01	U
WG	13	345112002	3/19/2014	Co-57	2.58E-02	5.94E-01	1.86E+00	U
WG	13	345112002	3/19/2014	Co-58	-6.26E-01	6.22E-01	1.90E+00	U
WG	13	345112002	3/19/2014	Co-60	1.45E-01	6.47E-01	2.16E+00	U
WG	13	345112002	3/19/2014	Cr-51	3.48E+00	7.24E+00	2.07E+01	U
WG	13	345112002	3/19/2014	Cs-134	-5.89E-01	6.69E-01	2.07E+00	U
WG	13	345112002	3/19/2014	Cs-137	-1.72E-01	6.40E-01	2.09E+00	U
WG	13	345112002	3/19/2014	Fe-59	-8.54E-01	1.17E+00	3.74E+00	U
WG	13	345112002	3/19/2014	I-131	4.80E-01	1.20E+00	3.88E+00	U
WG	13	345112002	3/19/2014	K-40	1.88E+00	1.21E+01	2.37E+01	U
WG	13	345112002	3/19/2014	La-140	5.24E-01	1.00E+00	3.35E+00	U
WG	13	345112002	3/19/2014	Mn-54	-4.52E-01	6.85E-01	1.84E+00	U
WG	13	345112002	3/19/2014	Nb-95	1.75E+00	8.44E-01	2.32E+00	U
WG	13	345112002	3/19/2014	Pb-212	1.87E+00	1.90E+00	3.87E+00	U
WG	13	345112002	3/19/2014	Pb-214	0.00E+00	3.71E+00	9.35E+00	U
WG	13	345112002	3/19/2014	Ru-103	4.97E-01	7.64E-01	2.26E+00	U
WG	13	345112002	3/19/2014	Ru-106	2.00E+00	5.79E+00	1.93E+01	U
WG	13	345112002	3/19/2014	Sb-124	-4.23E-01	1.39E+00	4.44E+00	U
WG	13	345112002	3/19/2014	Sb-125	-1.85E+00	1.81E+00	5.45E+00	U
WG	13	345112002	3/19/2014	Se-75	1.28E-01	8.50E-01	2.79E+00	U
WG	13	345112002	3/19/2014	Th-228	1.87E+00	1.90E+00	3.87E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WG	13	345112002	3/19/2014	Zn-65	-9.97E-01	1.40E+00	3.80E+00	U
WG	13	345112002	3/19/2014	Zr-95	3.86E-01	1.12E+00	3.70E+00	U
WG	13	345112002	3/19/2014	BETA	-6.26E-01	7.52E-01	2.50E+00	U
WG	13	350656002	6/11/2014	Ac-228	-3.90E+00	3.92E+00	7.38E+00	U
WG	13	350656002	6/11/2014	Ag-108m	-2.93E-01	4.94E-01	1.60E+00	U
WG	13	350656002	6/11/2014	Ag-110m	3.63E-01	4.96E-01	1.62E+00	U
WG	13	350656002	6/11/2014	Ba-140	3.66E-01	8.76E-01	2.89E+00	U
WG	13	350656002	6/11/2014	Be-7	2.07E+00	4.71E+00	1.55E+01	U
WG	13	350656002	6/11/2014	Bi-214	5.85E+01	3.64E+00	3.54E+00	X (1)
WG	13	350656002	6/11/2014	Ce-141	6.08E-01	1.61E+00	3.55E+00	U
WG	13	350656002	6/11/2014	Ce-144	-3.29E+00	4.21E+00	1.32E+01	U
WG	13	350656002	6/11/2014	Co-57	4.57E-01	5.44E-01	1.74E+00	U
WG	13	350656002	6/11/2014	Co-58	-3.11E-01	5.42E-01	1.71E+00	U
WG	13	350656002	6/11/2014	Co-60	-4.91E-01	5.46E-01	1.71E+00	U
WG	13	350656002	6/11/2014	Cr-51	2.91E+00	5.17E+00	1.72E+01	U
WG	13	350656002	6/11/2014	Cs-134	8.60E-01	6.31E-01	2.00E+00	U
WG	13	350656002	6/11/2014	Cs-137	-6.51E-01	5.65E-01	1.72E+00	U
WG	13	350656002	6/11/2014	Fe-59	1.07E+00	1.06E+00	3.53E+00	U
WG	13	350656002	6/11/2014	I-131	-1.23E+00	9.56E-01	2.96E+00	U
WG	13	350656002	6/11/2014	K-40	-6.84E-01	1.02E+01	2.19E+01	U
WG	13	350656002	6/11/2014	La-140	3.66E-01	8.76E-01	2.89E+00	U
WG	13	350656002	6/11/2014	Mn-54	-2.58E-01	4.97E-01	1.57E+00	U
WG	13	350656002	6/11/2014	Nb-95	1.08E+00	6.56E-01	1.80E+00	U
WG	13	350656002	6/11/2014	Pb-212	8.88E-01	1.93E+00	3.24E+00	U
WG	13	350656002	6/11/2014	Pb-214	6.22E+01	3.96E+00	4.28E+00	X (1)
WG	13	350656002	6/11/2014	Ru-103	-1.38E+00	6.50E-01	1.77E+00	U
WG	13	350656002	6/11/2014	Ru-106	-1.40E+01	2.69E+01	1.53E+01	U
WG	13	350656002	6/11/2014	Sb-124	1.62E+00	1.26E+00	4.15E+00	U
WG	13	350656002	6/11/2014	Sb-125	8.22E-01	1.50E+00	4.96E+00	U
WG	13	350656002	6/11/2014	Se-75	-2.02E+00	9.00E-01	2.48E+00	U
WG	13	350656002	6/11/2014	Th-228	8.88E-01	1.93E+00	3.24E+00	U
WG	13	350656002	6/11/2014	Zn-65	1.16E+00	1.18E+00	3.44E+00	U
WG	13	350656002	6/11/2014	Zr-95	1.19E+00	9.80E-01	3.14E+00	U
WG	13	350656002	6/11/2014	BETA	-1.41E+00	1.02E+00	3.59E+00	U
WG	13	357214002	9/17/2014	Ac-228	1.50E-01	3.33E+00	4.89E+00	U
WG	13	357214002	9/17/2014	Ag-108m	1.95E-01	3.67E-01	1.23E+00	U
WG	13	357214002	9/17/2014	Ag-110m	-5.05E-01	4.14E-01	1.26E+00	U
WG	13	357214002	9/17/2014	Ba-140	-7.64E-01	8.10E-01	2.08E+00	U
WG	13	357214002	9/17/2014	Be-7	-3.82E+00	3.77E+00	1.20E+01	U
WG	13	357214002	9/17/2014	Bi-214	5.52E-01	2.06E+00	2.63E+00	U
WG	13	357214002	9/17/2014	Ce-141	3.50E-01	1.27E+00	2.49E+00	U
WG	13	357214002	9/17/2014	Ce-144	-2.05E+00	2.88E+00	9.35E+00	U
WG	13	357214002	9/17/2014	Co-57	7.00E-01	4.08E-01	1.27E+00	U
WG	13	357214002	9/17/2014	Co-58	3.58E-01	4.27E-01	1.39E+00	U
WG	13	357214002	9/17/2014	Co-60	3.38E-01	6.53E-01	1.57E+00	U
WG	13	357214002	9/17/2014	Cr-51	-1.23E+00	4.13E+00	1.32E+01	U
WG	13	357214002	9/17/2014	Cs-134	-1.65E-02	4.41E-01	1.43E+00	U
WG	13	357214002	9/17/2014	Cs-137	3.32E-01	4.49E-01	1.48E+00	U
WG	13	357214002	9/17/2014	Fe-59	7.75E-01	8.30E-01	2.77E+00	U
WG	13	357214002	9/17/2014	I-131	3.82E-01	7.04E-01	2.38E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WG	13	357214002	9/17/2014	K-40	-1.13E+01	9.82E+00	1.91E+01	U
WG	13	357214002	9/17/2014	La-140	-7.64E-01	8.10E-01	2.08E+00	U
WG	13	357214002	9/17/2014	Mn-54	9.36E-02	4.38E-01	1.23E+00	U
WG	13	357214002	9/17/2014	Nb-95	-6.03E-01	9.24E-01	1.31E+00	U
WG	13	357214002	9/17/2014	Pb-212	-1.13E+00	1.43E+00	2.90E+00	U
WG	13	357214002	9/17/2014	Pb-214	-1.95E+00	1.84E+00	3.50E+00	U
WG	13	357214002	9/17/2014	Ru-103	1.02E-02	5.26E-01	1.52E+00	U
WG	13	357214002	9/17/2014	Ru-106	4.08E+00	3.78E+00	1.23E+01	U
WG	13	357214002	9/17/2014	Sb-124	-1.10E-01	9.56E-01	3.09E+00	U
WG	13	357214002	9/17/2014	Sb-125	2.08E+00	1.25E+00	3.98E+00	U
WG	13	357214002	9/17/2014	Se-75	8.42E-01	7.14E-01	1.99E+00	U
WG	13	357214002	9/17/2014	Th-228	-1.13E+00	1.43E+00	2.90E+00	U
WG	13	357214002	9/17/2014	Zn-65	8.44E-01	9.75E-01	2.84E+00	U
WG	13	357214002	9/17/2014	Zr-95	1.18E+00	7.75E-01	2.46E+00	U
WG	13	357214002	9/17/2014	BETA	4.24E-01	6.64E-01	2.16E+00	U
WG	13	363070002	12/10/2014	Ac-228	7.92E+00	3.00E+00	8.65E+00	U
WG	13	363070002	12/10/2014	Ag-108m	-7.60E-02	5.79E-01	1.89E+00	U
WG	13	363070002	12/10/2014	Ag-110m	2.01E+00	8.79E-01	2.05E+00	U
WG	13	363070002	12/10/2014	Ba-140	3.71E-01	1.10E+00	3.66E+00	U
WG	13	363070002	12/10/2014	Be-7	2.93E+00	6.28E+00	1.79E+01	U
WG	13	363070002	12/10/2014	Bi-214	1.02E+01	2.00E+00	3.84E+00	X (1)
WG	13	363070002	12/10/2014	Ce-141	7.18E-01	1.40E+00	4.07E+00	U
WG	13	363070002	12/10/2014	Ce-144	-7.63E+00	4.96E+00	1.47E+01	U
WG	13	363070002	12/10/2014	Co-57	1.03E+00	6.46E-01	2.05E+00	U
WG	13	363070002	12/10/2014	Co-58	1.25E+00	7.46E-01	2.07E+00	U
WG	13	363070002	12/10/2014	Co-60	-2.54E-01	6.29E-01	2.04E+00	U
WG	13	363070002	12/10/2014	Cr-51	-9.98E+00	6.79E+00	2.04E+01	U
WG	13	363070002	12/10/2014	Cs-134	-1.47E+00	8.77E-01	2.03E+00	U
WG	13	363070002	12/10/2014	Cs-137	5.49E-01	7.58E-01	2.15E+00	U
WG	13	363070002	12/10/2014	Fe-59	-1.19E-01	1.24E+00	4.10E+00	U
WG	13	363070002	12/10/2014	I-131	-4.23E-01	1.26E+00	4.11E+00	U
WG	13	363070002	12/10/2014	K-40	8.62E+00	1.27E+01	1.73E+01	U
WG	13	363070002	12/10/2014	La-140	3.71E-01	1.10E+00	3.66E+00	U
WG	13	363070002	12/10/2014	Mn-54	-3.26E-01	5.83E-01	1.91E+00	U
WG	13	363070002	12/10/2014	Nb-95	7.42E-01	6.38E-01	2.06E+00	U
WG	13	363070002	12/10/2014	Pb-212	1.12E+00	2.03E+00	3.68E+00	U
WG	13	363070002	12/10/2014	Pb-214	3.69E+00	2.77E+00	5.30E+00	U
WG	13	363070002	12/10/2014	Ru-103	-3.56E+00	1.31E+00	2.18E+00	U
WG	13	363070002	12/10/2014	Ru-106	-3.86E+00	8.13E+00	1.87E+01	U
WG	13	363070002	12/10/2014	Sb-124	2.82E+00	2.21E+00	5.02E+00	U
WG	13	363070002	12/10/2014	Sb-125	7.90E-01	1.75E+00	5.75E+00	U
WG	13	363070002	12/10/2014	Se-75	2.83E-02	8.36E-01	2.77E+00	U
WG	13	363070002	12/10/2014	Th-228	1.12E+00	2.03E+00	3.68E+00	U
WG	13	363070002	12/10/2014	Zn-65	-3.25E-01	1.30E+00	4.30E+00	U
WG	13	363070002	12/10/2014	Zr-95	3.98E-01	1.15E+00	3.75E+00	U
WG	13	363070002	12/10/2014	BETA	1.17E+00	5.23E-01	1.61E+00	U
WG	14	346220001	3/31/2014	Ac-228	6.52E+00	3.08E+00	7.29E+00	U
WG	14	346220001	3/31/2014	Ag-108m	5.05E-01	5.16E-01	1.64E+00	U
WG	14	346220001	3/31/2014	Ag-110m	2.22E-01	5.04E-01	1.60E+00	U
WG	14	346220001	3/31/2014	Ba-140	-7.76E-01	1.15E+00	3.05E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WG	14	346220001	3/31/2014	Be-7	-9.06E+00	5.29E+00	1.54E+01	U
WG	14	346220001	3/31/2014	Bi-214	5.94E+01	3.81E+00	3.37E+00	X (1)
WG	14	346220001	3/31/2014	Ce-141	2.57E+00	1.45E+00	3.82E+00	U
WG	14	346220001	3/31/2014	Ce-144	3.65E+00	4.32E+00	1.38E+01	U
WG	14	346220001	3/31/2014	Co-57	7.60E-01	5.73E-01	1.78E+00	U
WG	14	346220001	3/31/2014	Co-58	-1.53E+00	6.59E-01	1.64E+00	U
WG	14	346220001	3/31/2014	Co-60	1.73E+00	7.90E-01	1.97E+00	U
WG	14	346220001	3/31/2014	Cr-51	-1.42E+01	7.13E+00	1.83E+01	U
WG	14	346220001	3/31/2014	Cs-134	5.02E-01	5.81E-01	1.84E+00	U
WG	14	346220001	3/31/2014	Cs-137	9.00E-01	6.66E-01	1.86E+00	U
WG	14	346220001	3/31/2014	Fe-59	-6.03E-01	1.06E+00	3.42E+00	U
WG	14	346220001	3/31/2014	I-131	4.82E-01	1.23E+00	4.07E+00	U
WG	14	346220001	3/31/2014	K-40	2.74E+00	1.15E+01	1.69E+01	U
WG	14	346220001	3/31/2014	La-140	-7.76E-01	1.15E+00	3.05E+00	U
WG	14	346220001	3/31/2014	Mn-54	-7.73E-01	6.59E-01	1.67E+00	U
WG	14	346220001	3/31/2014	Nb-95	1.60E+00	7.51E-01	1.97E+00	U
WG	14	346220001	3/31/2014	Pb-212	1.22E+00	1.76E+00	3.47E+00	U
WG	14	346220001	3/31/2014	Pb-214	7.27E+01	4.10E+00	4.11E+00	X (1)
WG	14	346220001	3/31/2014	Ru-103	8.07E-01	7.05E-01	1.99E+00	U
WG	14	346220001	3/31/2014	Ru-106	5.27E+00	5.05E+00	1.63E+01	U
WG	14	346220001	3/31/2014	Sb-124	8.11E-01	1.33E+00	4.38E+00	U
WG	14	346220001	3/31/2014	Sb-125	2.04E+00	1.34E+00	4.85E+00	U
WG	14	346220001	3/31/2014	Se-75	1.60E+00	9.24E-01	2.65E+00	U
WG	14	346220001	3/31/2014	Th-228	1.22E+00	1.76E+00	3.47E+00	U
WG	14	346220001	3/31/2014	Zn-65	1.63E+00	1.29E+00	3.70E+00	U
WG	14	346220001	3/31/2014	Zr-95	-1.18E+00	9.93E-01	2.98E+00	U
WG	14	346220001	3/31/2014	BETA	2.28E+00	1.19E+00	3.32E+00	U
WG	14	350656003	6/11/2014	Ac-228	-3.51E+00	3.25E+00	7.15E+00	U
WG	14	350656003	6/11/2014	Ag-108m	4.78E-01	4.72E-01	1.54E+00	U
WG	14	350656003	6/11/2014	Ag-110m	-5.65E-01	4.96E-01	1.42E+00	U
WG	14	350656003	6/11/2014	Ba-140	1.31E+00	7.38E-01	2.69E+00	U
WG	14	350656003	6/11/2014	Be-7	-6.22E+00	5.19E+00	1.38E+01	U
WG	14	350656003	6/11/2014	Bi-214	1.15E+02	5.84E+00	3.08E+00	X (1)
WG	14	350656003	6/11/2014	Ce-141	4.81E-01	9.92E-01	3.23E+00	U
WG	14	350656003	6/11/2014	Ce-144	-2.56E+00	3.73E+00	1.20E+01	U
WG	14	350656003	6/11/2014	Co-57	-1.40E-01	4.70E-01	1.54E+00	U
WG	14	350656003	6/11/2014	Co-58	2.99E-01	5.41E-01	1.59E+00	U
WG	14	350656003	6/11/2014	Co-60	3.59E-02	4.95E-01	1.67E+00	U
WG	14	350656003	6/11/2014	Cr-51	-3.42E+00	4.84E+00	1.59E+01	U
WG	14	350656003	6/11/2014	Cs-134	3.91E-01	5.23E-01	1.75E+00	U
WG	14	350656003	6/11/2014	Cs-137	-4.74E-01	8.01E-01	1.68E+00	U
WG	14	350656003	6/11/2014	Fe-59	-4.63E-01	1.05E+00	3.16E+00	U
WG	14	350656003	6/11/2014	I-131	-8.50E-02	8.27E-01	2.75E+00	U
WG	14	350656003	6/11/2014	K-40	1.91E+00	1.14E+01	1.74E+01	U
WG	14	350656003	6/11/2014	La-140	1.31E+00	7.38E-01	2.69E+00	U
WG	14	350656003	6/11/2014	Mn-54	-1.58E+00	7.61E-01	1.51E+00	U
WG	14	350656003	6/11/2014	Nb-95	6.60E-01	8.88E-01	1.95E+00	U
WG	14	350656003	6/11/2014	Pb-212	4.56E+00	1.58E+00	3.20E+00	
WG	14	350656003	6/11/2014	Pb-214	1.26E+02	6.06E+00	4.04E+00	X (1)
WG	14	350656003	6/11/2014	Ru-103	-3.19E-01	5.18E-01	1.65E+00	U
WG	14	350656003	6/11/2014	Ru-106	1.55E+00	4.31E+00	1.39E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WG	14	350656003	6/11/2014	Sb-124	2.28E+00	1.37E+00	3.96E+00	U
WG	14	350656003	6/11/2014	Sb-125	-6.93E-01	1.40E+00	4.55E+00	U
WG	14	350656003	6/11/2014	Se-75	8.47E-01	6.51E-01	2.32E+00	U
WG	14	350656003	6/11/2014	Th-228	4.56E+00	1.58E+00	3.20E+00	
WG	14	350656003	6/11/2014	Zn-65	6.87E-01	1.14E+00	3.27E+00	U
WG	14	350656003	6/11/2014	Zr-95	3.60E-01	8.11E-01	2.74E+00	U
WG	14	350656003	6/11/2014	BETA	1.90E+00	9.87E-01	2.69E+00	U
WG	14	357214003	9/17/2014	Ac-228	1.44E+00	3.89E+00	6.02E+00	U
WG	14	357214003	9/17/2014	Ag-108m	1.09E+00	5.35E-01	1.55E+00	U
WG	14	357214003	9/17/2014	Ag-110m	7.00E-01	4.78E-01	1.54E+00	U
WG	14	357214003	9/17/2014	Ba-140	9.48E-01	8.53E-01	2.78E+00	U
WG	14	357214003	9/17/2014	Be-7	-3.08E+00	4.56E+00	1.43E+01	U
WG	14	357214003	9/17/2014	Bi-214	1.40E+02	6.68E+00	3.31E+00	X (1)
WG	14	357214003	9/17/2014	Ce-141	1.91E+00	1.21E+00	3.27E+00	U
WG	14	357214003	9/17/2014	Ce-144	3.90E+00	3.89E+00	1.23E+01	U
WG	14	357214003	9/17/2014	Co-57	3.29E-01	4.81E-01	1.55E+00	U
WG	14	357214003	9/17/2014	Co-58	-1.21E+00	6.28E-01	1.48E+00	U
WG	14	357214003	9/17/2014	Co-60	-1.54E+00	6.97E-01	1.62E+00	U
WG	14	357214003	9/17/2014	Cr-51	-7.77E+00	5.18E+00	1.57E+01	U
WG	14	357214003	9/17/2014	Cs-134	1.49E-01	5.24E-01	1.73E+00	U
WG	14	357214003	9/17/2014	Cs-137	-3.05E-02	5.62E-01	1.63E+00	U
WG	14	357214003	9/17/2014	Fe-59	-1.12E+00	1.01E+00	3.18E+00	U
WG	14	357214003	9/17/2014	I-131	1.72E-01	9.76E-01	2.81E+00	U
WG	14	357214003	9/17/2014	K-40	2.71E+00	8.90E+00	2.23E+01	U
WG	14	357214003	9/17/2014	La-140	9.48E-01	8.53E-01	2.78E+00	U
WG	14	357214003	9/17/2014	Mn-54	-3.77E-01	4.96E-01	1.57E+00	U
WG	14	357214003	9/17/2014	Nb-95	0.00E+00	1.09E+00	2.11E+00	U
WG	14	357214003	9/17/2014	Pb-212	2.96E+00	1.59E+00	3.19E+00	U
WG	14	357214003	9/17/2014	Pb-214	0.00E+00	7.33E+00	1.12E+01	U
WG	14	357214003	9/17/2014	Ru-103	-6.14E-01	6.06E-01	1.61E+00	U
WG	14	357214003	9/17/2014	Ru-106	-2.13E+01	8.37E+00	1.39E+01	U
WG	14	357214003	9/17/2014	Sb-124	2.31E+00	1.23E+00	3.85E+00	U
WG	14	357214003	9/17/2014	Sb-125	2.47E+00	1.59E+00	4.92E+00	U
WG	14	357214003	9/17/2014	Se-75	1.31E+00	7.89E-01	2.40E+00	U
WG	14	357214003	9/17/2014	Th-228	2.96E+00	1.59E+00	3.19E+00	U
WG	14	357214003	9/17/2014	Zn-65	8.06E-01	1.19E+00	3.47E+00	U
WG	14	357214003	9/17/2014	Zr-95	-9.48E-03	8.92E-01	2.94E+00	U
WG	14	357214003	9/17/2014	BETA	2.48E+00	9.87E-01	2.48E+00	U
WG	14	363070003	12/10/2014	Ac-228	2.08E+00	5.49E+00	9.88E+00	U
WG	14	363070003	12/10/2014	Ag-108m	-6.95E-01	7.47E-01	2.34E+00	U
WG	14	363070003	12/10/2014	Ag-110m	-5.20E-01	7.28E-01	2.12E+00	U
WG	14	363070003	12/10/2014	Ba-140	1.52E+00	1.39E+00	4.57E+00	U
WG	14	363070003	12/10/2014	Be-7	1.94E+00	8.19E+00	2.27E+01	U
WG	14	363070003	12/10/2014	Bi-214	2.33E+02	1.07E+01	5.14E+00	X (1)
WG	14	363070003	12/10/2014	Ce-141	-2.87E+00	2.08E+00	5.49E+00	U
WG	14	363070003	12/10/2014	Ce-144	-5.16E+00	6.51E+00	1.97E+01	U
WG	14	363070003	12/10/2014	Co-57	-6.29E-01	7.79E-01	2.50E+00	U
WG	14	363070003	12/10/2014	Co-58	2.06E-01	8.87E-01	2.46E+00	U
WG	14	363070003	12/10/2014	Co-60	6.74E-02	7.64E-01	2.49E+00	U
WG	14	363070003	12/10/2014	Cr-51	-1.06E+00	9.59E+00	2.71E+01	U

Seabrook REMP Summary of 2014 Data

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WG	14	363070003	12/10/2014	Cs-134	1.65E+00	9.92E-01	2.65E+00	U
WG	14	363070003	12/10/2014	Cs-137	0.00E+00	1.44E+00	2.33E+00	U
WG	14	363070003	12/10/2014	Fe-59	-1.22E-02	1.49E+00	4.92E+00	U
WG	14	363070003	12/10/2014	I-131	-1.21E+00	1.62E+00	5.17E+00	U
WG	14	363070003	12/10/2014	K-40	-6.51E+00	1.22E+01	2.89E+01	U
WG	14	363070003	12/10/2014	La-140	1.52E+00	1.39E+00	4.57E+00	U
WG	14	363070003	12/10/2014	Mn-54	1.61E-01	8.23E-01	2.28E+00	U
WG	14	363070003	12/10/2014	Nb-95	0.00E+00	2.90E+00	3.50E+00	U
WG	14	363070003	12/10/2014	Pb-212	4.69E+00	2.08E+00	5.08E+00	U
WG	14	363070003	12/10/2014	Pb-214	0.00E+00	1.38E+01	1.64E+01	U
WG	14	363070003	12/10/2014	Ru-103	1.35E-01	9.69E-01	2.67E+00	U
WG	14	363070003	12/10/2014	Ru-106	-7.11E+00	6.44E+00	2.02E+01	U
WG	14	363070003	12/10/2014	Sb-124	-1.58E+00	1.77E+00	5.52E+00	U
WG	14	363070003	12/10/2014	Sb-125	2.09E+00	2.29E+00	7.36E+00	U
WG	14	363070003	12/10/2014	Se-75	1.57E-01	1.33E+00	3.82E+00	U
WG	14	363070003	12/10/2014	Th-228	4.69E+00	2.08E+00	5.08E+00	U
WG	14	363070003	12/10/2014	Zn-65	2.96E+00	1.97E+00	5.36E+00	U
WG	14	363070003	12/10/2014	Zr-95	-2.79E-01	1.35E+00	4.40E+00	U
WG	14	363070003	12/10/2014	BETA	5.59E-01	6.25E-01	2.02E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	01	342011001	1/21/2014	Ac-228	2.58E+00	5.89E+00	9.81E+00	U
WS	01	342011001	1/21/2014	Ag-108m	8.23E-01	7.84E-01	2.58E+00	U
WS	01	342011001	1/21/2014	Ag-110m	-5.63E-01	8.23E-01	2.63E+00	U
WS	01	342011001	1/21/2014	Ba-140	1.78E+00	1.44E+00	4.92E+00	U
WS	01	342011001	1/21/2014	Be-7	-8.80E+00	8.19E+00	2.45E+01	U
WS	01	342011001	1/21/2014	Bi-214	3.58E-01	2.41E+00	7.39E+00	U
WS	01	342011001	1/21/2014	Ce-141	-1.79E+00	1.56E+00	4.69E+00	U
WS	01	342011001	1/21/2014	Ce-144	9.74E+00	6.42E+00	1.93E+01	U
WS	01	342011001	1/21/2014	Co-57	-1.82E+00	8.60E-01	2.28E+00	U
WS	01	342011001	1/21/2014	Co-58	-2.39E+00	1.03E+00	2.43E+00	U
WS	01	342011001	1/21/2014	Co-60	9.60E-01	8.93E-01	3.07E+00	U
WS	01	342011001	1/21/2014	Cr-51	-4.71E+00	8.09E+00	2.61E+01	U
WS	01	342011001	1/21/2014	Cs-134	9.25E-01	9.54E-01	3.21E+00	U
WS	01	342011001	1/21/2014	Cs-137	1.13E+00	8.97E-01	3.03E+00	U
WS	01	342011001	1/21/2014	Fe-59	-1.72E+00	1.77E+00	5.46E+00	U
WS	01	342011001	1/21/2014	I-131	1.88E+00	1.54E+00	5.08E+00	U
WS	01	342011001	1/21/2014	K-40	3.36E+02	2.93E+01	2.74E+01	
WS	01	342011001	1/21/2014	La-140	1.78E+00	1.44E+00	4.92E+00	U
WS	01	342011001	1/21/2014	Mn-54	-9.22E-02	8.18E-01	2.67E+00	U
WS	01	342011001	1/21/2014	Nb-95	-6.31E-01	1.10E+00	2.80E+00	U
WS	01	342011001	1/21/2014	Pb-212	3.42E+00	2.43E+00	6.09E+00	U
WS	01	342011001	1/21/2014	Pb-214	2.70E+00	3.07E+00	7.50E+00	U
WS	01	342011001	1/21/2014	Ru-103	-1.77E-01	9.73E-01	3.11E+00	U
WS	01	342011001	1/21/2014	Ru-106	-6.04E+00	7.74E+00	2.47E+01	U
WS	01	342011001	1/21/2014	Sb-124	1.16E+00	2.39E+00	7.96E+00	U
WS	01	342011001	1/21/2014	Sb-125	-2.94E+00	2.34E+00	6.90E+00	U
WS	01	342011001	1/21/2014	Se-75	-1.46E+00	1.14E+00	3.51E+00	U
WS	01	342011001	1/21/2014	Th-228	3.42E+00	2.43E+00	6.09E+00	U
WS	01	342011001	1/21/2014	Zn-65	-7.41E-01	2.01E+00	5.61E+00	U
WS	01	342011001	1/21/2014	Zr-95	-5.55E-01	1.57E+00	5.10E+00	U
WS	01	343633001	2/20/2014	Ac-228	-1.04E-01	5.55E+00	1.81E+01	U
WS	01	343633001	2/20/2014	Ag-108m	-4.94E-01	1.09E+00	3.57E+00	U
WS	01	343633001	2/20/2014	Ag-110m	3.02E-01	1.20E+00	4.04E+00	U
WS	01	343633001	2/20/2014	Ba-140	1.22E+00	1.58E+00	5.61E+00	U
WS	01	343633001	2/20/2014	Be-7	-1.06E+01	1.15E+01	3.60E+01	U
WS	01	343633001	2/20/2014	Bi-214	1.49E+00	2.95E+00	9.71E+00	U
WS	01	343633001	2/20/2014	Ce-141	2.75E+00	2.73E+00	6.92E+00	U
WS	01	343633001	2/20/2014	Ce-144	7.25E+00	1.03E+01	2.67E+01	U
WS	01	343633001	2/20/2014	Co-57	6.99E-02	1.08E+00	3.65E+00	U
WS	01	343633001	2/20/2014	Co-58	1.33E-01	1.09E+00	3.61E+00	U
WS	01	343633001	2/20/2014	Co-60	5.54E-01	1.42E+00	4.84E+00	U
WS	01	343633001	2/20/2014	Cr-51	4.84E+00	1.22E+01	4.00E+01	U
WS	01	343633001	2/20/2014	Cs-134	-2.86E-01	1.62E+00	4.49E+00	U
WS	01	343633001	2/20/2014	Cs-137	-1.19E+00	1.33E+00	4.04E+00	U
WS	01	343633001	2/20/2014	Fe-59	5.67E-01	2.28E+00	7.80E+00	U
WS	01	343633001	2/20/2014	H-3	-1.96E+02	1.58E+02	5.48E+02	U
WS	01	343633001	2/20/2014	I-131	-6.54E-01	2.36E+00	7.47E+00	U
WS	01	343633001	2/20/2014	K-40	3.06E+02	3.45E+01	4.26E+01	
WS	01	343633001	2/20/2014	La-140	1.22E+00	1.58E+00	5.61E+00	U
WS	01	343633001	2/20/2014	Mn-54	1.59E+00	1.33E+00	4.53E+00	U
WS	01	343633001	2/20/2014	Nb-95	4.78E-01	1.19E+00	3.99E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	01	343633001	2/20/2014	Pb-212	1.21E+00	3.92E+00	8.72E+00	U
WS	01	343633001	2/20/2014	Pb-214	3.79E+00	5.17E+00	1.03E+01	U
WS	01	343633001	2/20/2014	Ru-103	-1.08E+00	1.29E+00	4.06E+00	U
WS	01	343633001	2/20/2014	Ru-106	9.34E+00	1.24E+01	4.23E+01	U
WS	01	343633001	2/20/2014	Sb-124	-1.06E+00	2.03E+00	5.93E+00	U
WS	01	343633001	2/20/2014	Sb-125	-5.95E+00	3.96E+00	1.08E+01	U
WS	01	343633001	2/20/2014	Se-75	-2.14E-01	1.68E+00	5.47E+00	U
WS	01	343633001	2/20/2014	Th-228	1.21E+00	3.92E+00	8.72E+00	U
WS	01	343633001	2/20/2014	Zn-65	2.35E+00	2.83E+00	9.84E+00	U
WS	01	343633001	2/20/2014	Zr-95	-1.70E-01	2.12E+00	6.91E+00	U
WS	01	345108001	3/18/2014	Ac-228	-4.90E+00	6.25E+00	1.86E+01	U
WS	01	345108001	3/18/2014	Ag-108m	3.32E-01	1.20E+00	4.05E+00	U
WS	01	345108001	3/18/2014	Ag-110m	-1.40E+00	1.30E+00	3.75E+00	U
WS	01	345108001	3/18/2014	Ba-140	-4.42E-01	2.19E+00	7.00E+00	U
WS	01	345108001	3/18/2014	Be-7	-2.48E+01	1.20E+01	2.99E+01	U
WS	01	345108001	3/18/2014	Bi-214	2.99E+00	3.05E+00	1.00E+01	U
WS	01	345108001	3/18/2014	Ce-141	3.46E-01	1.98E+00	6.75E+00	U
WS	01	345108001	3/18/2014	Ce-144	3.83E+00	7.63E+00	2.45E+01	U
WS	01	345108001	3/18/2014	Co-57	-1.14E-01	9.19E-01	2.92E+00	U
WS	01	345108001	3/18/2014	Co-58	-6.57E-01	1.36E+00	4.35E+00	U
WS	01	345108001	3/18/2014	Co-60	-3.73E-01	1.53E+00	4.97E+00	U
WS	01	345108001	3/18/2014	Cr-51	-9.37E+00	1.26E+01	3.86E+01	U
WS	01	345108001	3/18/2014	Cs-134	-7.36E-01	1.41E+00	4.52E+00	U
WS	01	345108001	3/18/2014	Cs-137	-1.35E+00	1.42E+00	4.18E+00	U
WS	01	345108001	3/18/2014	Fe-59	2.44E+00	3.02E+00	1.03E+01	U
WS	01	345108001	3/18/2014	I-131	1.48E+00	2.35E+00	7.72E+00	U
WS	01	345108001	3/18/2014	K-40	4.05E+02	4.06E+01	5.95E+01	
WS	01	345108001	3/18/2014	La-140	-4.42E-01	2.19E+00	7.00E+00	U
WS	01	345108001	3/18/2014	Mn-54	-6.42E-01	1.50E+00	4.83E+00	U
WS	01	345108001	3/18/2014	Nb-95	1.55E+00	1.36E+00	4.72E+00	U
WS	01	345108001	3/18/2014	Pb-212	5.10E+00	3.13E+00	7.62E+00	U
WS	01	345108001	3/18/2014	Pb-214	-2.32E+00	3.15E+00	8.85E+00	U
WS	01	345108001	3/18/2014	Ru-103	-4.13E-01	1.31E+00	4.25E+00	U
WS	01	345108001	3/18/2014	Ru-106	2.17E+01	1.55E+01	3.50E+01	U
WS	01	345108001	3/18/2014	Sb-124	-2.56E+00	3.18E+00	9.08E+00	U
WS	01	345108001	3/18/2014	Sb-125	2.09E+00	3.28E+00	1.12E+01	U
WS	01	345108001	3/18/2014	Se-75	-2.67E+00	1.71E+00	4.81E+00	U
WS	01	345108001	3/18/2014	Th-228	5.10E+00	3.13E+00	7.62E+00	U
WS	01	345108001	3/18/2014	Zn-65	-2.40E+00	3.47E+00	1.05E+01	U
WS	01	345108001	3/18/2014	Zr-95	2.98E+00	2.49E+00	8.64E+00	U
WS	01	348246001	3/18/2014	H-3	1.96E+02	1.29E+02	3.95E+02	U
WS	01	347506001	4/21/2014	Ac-228	-8.41E+00	3.98E+00	6.23E+00	U
WS	01	347506001	4/21/2014	Ag-108m	4.19E-01	4.91E-01	1.35E+00	U
WS	01	347506001	4/21/2014	Ag-110m	-2.91E+00	8.30E-01	1.38E+00	U
WS	01	347506001	4/21/2014	Ba-140	1.38E+00	8.70E-01	2.82E+00	U
WS	01	347506001	4/21/2014	Be-7	-3.88E+00	4.08E+00	1.27E+01	U
WS	01	347506001	4/21/2014	Bi-214	-8.87E-01	1.52E+00	3.36E+00	U
WS	01	347506001	4/21/2014	Ce-141	-8.43E-02	8.25E-01	2.68E+00	U
WS	01	347506001	4/21/2014	Ce-144	8.18E-01	3.35E+00	9.79E+00	U
WS	01	347506001	4/21/2014	Co-57	6.21E-01	4.24E-01	1.28E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	01	347506001	4/21/2014	Co-58	4.81E-01	4.51E-01	1.49E+00	U
WS	01	347506001	4/21/2014	Co-60	-6.71E-02	4.79E-01	1.58E+00	U
WS	01	347506001	4/21/2014	Cr-51	-1.07E-01	4.37E+00	1.46E+01	U
WS	01	347506001	4/21/2014	Cs-134	5.25E-01	4.81E-01	1.59E+00	U
WS	01	347506001	4/21/2014	Cs-137	-6.67E-01	1.00E+00	1.94E+00	U
WS	01	347506001	4/21/2014	Fe-59	-6.89E-01	9.99E-01	3.11E+00	U
WS	01	347506001	4/21/2014	H-3	-2.86E+02	1.42E+02	5.13E+02	U
WS	01	347506001	4/21/2014	I-131	2.62E-01	8.78E-01	2.92E+00	U
WS	01	347506001	4/21/2014	K-40	2.88E+02	1.95E+01	1.40E+01	
WS	01	347506001	4/21/2014	La-140	1.38E+00	8.70E-01	2.82E+00	U
WS	01	347506001	4/21/2014	Mn-54	5.03E-01	4.63E-01	1.52E+00	U
WS	01	347506001	4/21/2014	Nb-95	-4.39E-01	4.53E-01	1.43E+00	U
WS	01	347506001	4/21/2014	Pb-212	0.00E+00	2.02E+00	3.28E+00	U
WS	01	347506001	4/21/2014	Pb-214	-5.57E-01	1.60E+00	3.34E+00	U
WS	01	347506001	4/21/2014	Ru-103	-7.49E-01	5.65E-01	1.45E+00	U
WS	01	347506001	4/21/2014	Ru-106	-3.09E+00	4.04E+00	1.32E+01	U
WS	01	347506001	4/21/2014	Sb-124	-4.51E-01	1.04E+00	3.29E+00	U
WS	01	347506001	4/21/2014	Sb-125	-6.06E-01	1.28E+00	3.97E+00	U
WS	01	347506001	4/21/2014	Se-75	-2.85E-01	5.90E-01	1.96E+00	U
WS	01	347506001	4/21/2014	Th-228	0.00E+00	2.02E+00	3.28E+00	U
WS	01	347506001	4/21/2014	Zn-65	-2.75E+00	1.20E+00	2.92E+00	U
WS	01	347506001	4/21/2014	Zr-95	-7.21E-01	8.07E-01	2.56E+00	U
WS	01	349419001	5/21/2014	Ac-228	-5.47E+00	4.52E+00	1.04E+01	U
WS	01	349419001	5/21/2014	Ag-108m	5.06E-01	5.88E-01	1.95E+00	U
WS	01	349419001	5/21/2014	Ag-110m	3.36E-01	6.27E-01	2.04E+00	U
WS	01	349419001	5/21/2014	Ba-140	-3.94E-01	1.43E+00	3.74E+00	U
WS	01	349419001	5/21/2014	Be-7	2.22E+00	5.51E+00	1.83E+01	U
WS	01	349419001	5/21/2014	Bi-214	1.77E+00	2.95E+00	4.25E+00	U
WS	01	349419001	5/21/2014	Ce-141	4.12E-03	1.63E+00	3.05E+00	U
WS	01	349419001	5/21/2014	Ce-144	2.64E+00	3.34E+00	1.11E+01	U
WS	01	349419001	5/21/2014	Co-57	8.46E-01	4.60E-01	1.43E+00	U
WS	01	349419001	5/21/2014	Co-58	-4.64E-01	6.86E-01	2.21E+00	U
WS	01	349419001	5/21/2014	Co-60	-5.75E-01	7.47E-01	2.38E+00	U
WS	01	349419001	5/21/2014	Cr-51	9.59E-01	5.54E+00	1.88E+01	U
WS	01	349419001	5/21/2014	Cs-134	3.65E-01	7.15E-01	2.42E+00	U
WS	01	349419001	5/21/2014	Cs-137	7.74E-02	6.93E-01	2.24E+00	U
WS	01	349419001	5/21/2014	Fe-59	4.11E-01	1.49E+00	4.91E+00	U
WS	01	349419001	5/21/2014	H-3	1.72E+02	1.73E+02	5.40E+02	U
WS	01	349419001	5/21/2014	I-131	1.29E+00	1.24E+00	4.14E+00	U
WS	01	349419001	5/21/2014	K-40	3.13E+02	2.53E+01	2.27E+01	
WS	01	349419001	5/21/2014	La-140	-3.94E-01	1.43E+00	3.74E+00	U
WS	01	349419001	5/21/2014	Mn-54	-6.05E-01	8.93E-01	2.16E+00	U
WS	01	349419001	5/21/2014	Nb-95	9.73E-01	7.19E-01	2.39E+00	U
WS	01	349419001	5/21/2014	Pb-212	4.28E-01	2.34E+00	4.29E+00	U
WS	01	349419001	5/21/2014	Pb-214	2.80E+00	2.75E+00	5.38E+00	U
WS	01	349419001	5/21/2014	Ru-103	-6.04E-01	7.34E-01	2.31E+00	U
WS	01	349419001	5/21/2014	Ru-106	5.68E+00	6.24E+00	2.03E+01	U
WS	01	349419001	5/21/2014	Sb-124	1.64E+00	1.71E+00	5.80E+00	U
WS	01	349419001	5/21/2014	Sb-125	-1.95E+00	1.69E+00	5.21E+00	U
WS	01	349419001	5/21/2014	Se-75	-2.57E-01	8.08E-01	2.55E+00	U
WS	01	349419001	5/21/2014	Th-228	4.28E-01	2.34E+00	4.29E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	01	349419001	5/21/2014	Zn-65	1.54E+00	1.61E+00	4.69E+00	U
WS	01	349419001	5/21/2014	Zr-95	1.07E+00	1.34E+00	4.53E+00	U
WS	01	351507001	6/23/2014	Ac-228	4.02E-02	6.06E+00	1.43E+01	U
WS	01	351507001	6/23/2014	Ag-108m	-7.21E-01	8.33E-01	2.62E+00	U
WS	01	351507001	6/23/2014	Ag-110m	6.19E-01	9.73E-01	3.18E+00	U
WS	01	351507001	6/23/2014	Ba-140	2.65E-02	1.86E+00	6.14E+00	U
WS	01	351507001	6/23/2014	Be-7	-1.74E+00	8.17E+00	2.67E+01	U
WS	01	351507001	6/23/2014	Bi-214	5.14E+00	3.94E+00	5.59E+00	U
WS	01	351507001	6/23/2014	Ce-141	-4.31E+00	1.97E+00	4.18E+00	U
WS	01	351507001	6/23/2014	Ce-144	-3.90E+00	4.74E+00	1.52E+01	U
WS	01	351507001	6/23/2014	Co-57	6.27E-01	6.25E-01	2.08E+00	U
WS	01	351507001	6/23/2014	Co-58	9.77E-01	1.01E+00	3.43E+00	U
WS	01	351507001	6/23/2014	Co-60	9.23E-02	1.02E+00	3.43E+00	U
WS	01	351507001	6/23/2014	Cr-51	3.86E+00	7.95E+00	2.71E+01	U
WS	01	351507001	6/23/2014	Cs-134	2.93E+00	1.39E+00	3.47E+00	U
WS	01	351507001	6/23/2014	Cs-137	-9.76E-01	1.43E+00	3.44E+00	U
WS	01	351507001	6/23/2014	Fe-59	-6.36E-01	2.84E+00	7.86E+00	U
WS	01	351507001	6/23/2014	I-131	-1.03E+00	1.93E+00	5.52E+00	U
WS	01	351507001	6/23/2014	K-40	3.01E+02	3.22E+01	3.60E+01	
WS	01	351507001	6/23/2014	La-140	2.65E-02	1.86E+00	6.14E+00	U
WS	01	351507001	6/23/2014	Mn-54	-2.39E+00	1.41E+00	3.05E+00	U
WS	01	351507001	6/23/2014	Nb-95	4.72E-01	9.79E-01	3.34E+00	U
WS	01	351507001	6/23/2014	Pb-212	-2.22E+00	2.17E+00	6.46E+00	U
WS	01	351507001	6/23/2014	Pb-214	-7.63E-01	2.59E+00	7.26E+00	U
WS	01	351507001	6/23/2014	Ru-103	8.56E-01	1.51E+00	3.28E+00	U
WS	01	351507001	6/23/2014	Ru-106	-7.21E+00	9.42E+00	2.89E+01	U
WS	01	351507001	6/23/2014	Sb-124	8.35E-02	2.25E+00	6.37E+00	U
WS	01	351507001	6/23/2014	Sb-125	-9.90E-01	2.42E+00	7.88E+00	U
WS	01	351507001	6/23/2014	Se-75	-1.67E-01	1.15E+00	3.66E+00	U
WS	01	351507001	6/23/2014	Th-228	-2.22E+00	2.17E+00	6.46E+00	U
WS	01	351507001	6/23/2014	Zn-65	-1.22E+00	2.36E+00	6.28E+00	U
WS	01	351507001	6/23/2014	Zr-95	2.32E+00	1.80E+00	6.11E+00	U
WS	01	354764001	6/23/2014	H-3	-1.85E+02	1.23E+02	4.26E+02	U
WS	01	353518001	7/21/2014	Ac-228	7.03E+00	6.18E+00	1.81E+01	U
WS	01	353518001	7/21/2014	Ag-108m	-9.50E-01	1.22E+00	3.87E+00	U
WS	01	353518001	7/21/2014	Ag-110m	-4.85E-01	1.20E+00	3.57E+00	U
WS	01	353518001	7/21/2014	Ba-140	1.02E+00	2.40E+00	8.13E+00	U
WS	01	353518001	7/21/2014	Be-7	4.23E+00	1.14E+01	3.87E+01	U
WS	01	353518001	7/21/2014	Bi-214	5.74E+00	5.17E+00	1.19E+01	U
WS	01	353518001	7/21/2014	Ce-141	-6.42E-01	2.85E+00	8.45E+00	U
WS	01	353518001	7/21/2014	Ce-144	4.34E+00	8.68E+00	2.90E+01	U
WS	01	353518001	7/21/2014	Co-57	1.11E+00	1.22E+00	4.07E+00	U
WS	01	353518001	7/21/2014	Co-58	1.21E-01	1.15E+00	3.75E+00	U
WS	01	353518001	7/21/2014	Co-60	-1.57E+00	1.21E+00	3.33E+00	U
WS	01	353518001	7/21/2014	Cr-51	2.78E+00	1.28E+01	4.14E+01	U
WS	01	353518001	7/21/2014	Cs-134	-1.63E+00	1.33E+00	3.68E+00	U
WS	01	353518001	7/21/2014	Cs-137	1.99E+00	1.47E+00	4.51E+00	U
WS	01	353518001	7/21/2014	Fe-59	3.40E+00	4.21E+00	1.05E+01	U
WS	01	353518001	7/21/2014	I-131	2.09E+00	2.76E+00	8.44E+00	U
WS	01	353518001	7/21/2014	K-40	3.05E+02	3.58E+01	4.41E+01	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	01	353518001	7/21/2014	La-140	1.02E+00	2.40E+00	8.13E+00	U
WS	01	353518001	7/21/2014	Mn-54	-1.30E+00	1.26E+00	3.63E+00	U
WS	01	353518001	7/21/2014	Nb-95	-9.48E-01	1.51E+00	4.22E+00	U
WS	01	353518001	7/21/2014	Pb-212	4.47E+00	3.21E+00	9.88E+00	U
WS	01	353518001	7/21/2014	Pb-214	1.84E+00	4.01E+00	1.16E+01	U
WS	01	353518001	7/21/2014	Ru-103	-2.17E+00	1.36E+00	3.77E+00	U
WS	01	353518001	7/21/2014	Ru-106	3.75E+00	1.14E+01	3.80E+01	U
WS	01	353518001	7/21/2014	Sb-124	4.57E+00	3.26E+00	1.16E+01	U
WS	01	353518001	7/21/2014	Sb-125	1.69E+00	3.40E+00	1.16E+01	U
WS	01	353518001	7/21/2014	Se-75	1.15E+00	1.92E+00	6.32E+00	U
WS	01	353518001	7/21/2014	Th-228	4.47E+00	3.21E+00	9.88E+00	U
WS	01	353518001	7/21/2014	Zn-65	-2.64E+00	2.90E+00	8.73E+00	U
WS	01	353518001	7/21/2014	Zr-95	-4.21E-01	2.21E+00	7.08E+00	U
WS	01	355390001	8/19/2014	Ac-228	1.90E+00	5.11E+00	1.75E+01	U
WS	01	355390001	8/19/2014	Ag-108m	1.34E-01	1.31E+00	3.80E+00	U
WS	01	355390001	8/19/2014	Ag-110m	-1.11E+00	1.41E+00	4.17E+00	U
WS	01	355390001	8/19/2014	Ba-140	6.93E-01	2.18E+00	7.50E+00	U
WS	01	355390001	8/19/2014	Be-7	1.55E+01	1.59E+01	4.02E+01	U
WS	01	355390001	8/19/2014	Bi-214	1.79E+01	4.97E+00	7.75E+00	X (1)
WS	01	355390001	8/19/2014	Ce-141	9.98E-02	2.37E+00	7.63E+00	U
WS	01	355390001	8/19/2014	Ce-144	3.12E+00	8.42E+00	2.75E+01	U
WS	01	355390001	8/19/2014	Co-57	-1.04E+00	1.20E+00	3.53E+00	U
WS	01	355390001	8/19/2014	Co-58	-7.29E-02	1.28E+00	4.26E+00	U
WS	01	355390001	8/19/2014	Co-60	1.07E+00	1.49E+00	5.07E+00	U
WS	01	355390001	8/19/2014	Cr-51	-2.33E+00	1.22E+01	4.02E+01	U
WS	01	355390001	8/19/2014	Cs-134	3.23E+00	1.41E+00	4.77E+00	U
WS	01	355390001	8/19/2014	Cs-137	-2.74E-01	1.46E+00	4.53E+00	U
WS	01	355390001	8/19/2014	Fe-59	-3.81E+00	2.97E+00	8.12E+00	U
WS	01	355390001	8/19/2014	I-131	-2.74E+00	2.60E+00	7.84E+00	U
WS	01	355390001	8/19/2014	K-40	3.01E+02	3.70E+01	3.36E+01	
WS	01	355390001	8/19/2014	La-140	6.93E-01	2.18E+00	7.50E+00	U
WS	01	355390001	8/19/2014	Mn-54	-7.41E-01	1.20E+00	3.64E+00	U
WS	01	355390001	8/19/2014	Nb-95	-4.69E-01	1.22E+00	3.97E+00	U
WS	01	355390001	8/19/2014	Pb-212	7.90E-01	3.35E+00	9.18E+00	U
WS	01	355390001	8/19/2014	Pb-214	4.32E+00	4.35E+00	1.16E+01	U
WS	01	355390001	8/19/2014	Ru-103	8.60E-01	1.39E+00	4.63E+00	U
WS	01	355390001	8/19/2014	Ru-106	-8.16E+00	1.15E+01	3.45E+01	U
WS	01	355390001	8/19/2014	Sb-124	1.32E+00	2.87E+00	9.99E+00	U
WS	01	355390001	8/19/2014	Sb-125	-1.42E-01	3.68E+00	1.06E+01	U
WS	01	355390001	8/19/2014	Se-75	1.72E+00	1.69E+00	5.76E+00	U
WS	01	355390001	8/19/2014	Th-228	7.90E-01	3.35E+00	9.18E+00	U
WS	01	355390001	8/19/2014	Zn-65	-4.32E+00	3.50E+00	7.82E+00	U
WS	01	355390001	8/19/2014	Zr-95	-2.36E-01	2.06E+00	6.85E+00	U
WS	01	357644001	9/24/2014	Ac-228	3.85E+00	5.30E+00	1.60E+01	U
WS	01	357644001	9/24/2014	Ag-108m	1.01E+00	1.13E+00	3.87E+00	U
WS	01	357644001	9/24/2014	Ag-110m	-2.07E+00	1.31E+00	3.53E+00	U
WS	01	357644001	9/24/2014	Ba-140	-4.17E-01	2.07E+00	6.60E+00	U
WS	01	357644001	9/24/2014	Be-7	-2.67E+00	1.07E+01	3.51E+01	U
WS	01	357644001	9/24/2014	Bi-214	1.22E+01	4.49E+00	0.00E+00	X (1)
WS	01	357644001	9/24/2014	Ce-141	2.04E+00	2.70E+00	8.70E+00	U
WS	01	357644001	9/24/2014	Ce-144	-3.31E+00	9.41E+00	2.97E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	01	357644001	9/24/2014	Co-57	1.36E-01	1.04E+00	3.46E+00	U
WS	01	357644001	9/24/2014	Co-58	-2.10E+00	1.52E+00	3.29E+00	U
WS	01	357644001	9/24/2014	Co-60	3.87E-01	1.46E+00	4.92E+00	U
WS	01	357644001	9/24/2014	Cr-51	2.67E+00	1.37E+01	3.89E+01	U
WS	01	357644001	9/24/2014	Cs-134	0.00E+00	2.19E+00	4.78E+00	U
WS	01	357644001	9/24/2014	Cs-137	3.06E+00	1.54E+00	5.06E+00	U
WS	01	357644001	9/24/2014	Fe-59	2.00E+00	2.41E+00	8.41E+00	U
WS	01	357644001	9/24/2014	I-131	-1.69E+00	2.22E+00	7.09E+00	U
WS	01	357644001	9/24/2014	K-40	3.49E+02	3.72E+01	3.48E+01	
WS	01	357644001	9/24/2014	La-140	-4.17E-01	2.07E+00	6.60E+00	U
WS	01	357644001	9/24/2014	Mn-54	1.69E-01	1.32E+00	4.31E+00	U
WS	01	357644001	9/24/2014	Nb-95	-1.34E+00	1.43E+00	4.24E+00	U
WS	01	357644001	9/24/2014	Pb-212	2.05E+00	3.08E+00	9.56E+00	U
WS	01	357644001	9/24/2014	Pb-214	5.03E+00	3.72E+00	1.17E+01	U
WS	01	357644001	9/24/2014	Ru-103	-1.72E+00	1.60E+00	4.09E+00	U
WS	01	357644001	9/24/2014	Ru-106	-6.16E+00	1.20E+01	3.79E+01	U
WS	01	357644001	9/24/2014	Sb-124	-4.71E-01	2.58E+00	8.16E+00	U
WS	01	357644001	9/24/2014	Sb-125	-8.49E-01	3.27E+00	1.08E+01	U
WS	01	357644001	9/24/2014	Se-75	3.74E+00	2.02E+00	6.38E+00	U
WS	01	357644001	9/24/2014	Th-228	2.05E+00	3.08E+00	9.56E+00	U
WS	01	357644001	9/24/2014	Zn-65	-1.59E+00	3.21E+00	8.62E+00	U
WS	01	357644001	9/24/2014	Zr-95	1.03E+00	2.32E+00	7.75E+00	U
WS	01	361413001	9/24/2014	H-3	1.12E+02	7.19E+01	2.24E+02	U
WS	01	359816001	10/20/2014	Ac-228	-1.28E+01	5.93E+00	1.44E+01	U
WS	01	359816001	10/20/2014	Ag-108m	-8.57E-01	1.28E+00	3.94E+00	U
WS	01	359816001	10/20/2014	Ag-110m	1.89E-02	1.16E+00	3.92E+00	U
WS	01	359816001	10/20/2014	Ba-140	-1.91E+00	1.96E+00	5.30E+00	U
WS	01	359816001	10/20/2014	Be-7	3.99E+00	1.05E+01	3.50E+01	U
WS	01	359816001	10/20/2014	Bi-214	7.02E+00	4.95E+00	9.70E+00	U
WS	01	359816001	10/20/2014	Ce-141	-1.39E+00	3.03E+00	9.23E+00	U
WS	01	359816001	10/20/2014	Ce-144	-2.74E+00	1.02E+01	3.21E+01	U
WS	01	359816001	10/20/2014	Co-57	-1.22E+00	1.37E+00	4.15E+00	U
WS	01	359816001	10/20/2014	Co-58	-1.05E+00	1.47E+00	4.55E+00	U
WS	01	359816001	10/20/2014	Co-60	-5.53E-01	1.50E+00	4.62E+00	U
WS	01	359816001	10/20/2014	Cr-51	2.55E+00	1.48E+01	4.83E+01	U
WS	01	359816001	10/20/2014	Cs-134	3.46E+00	1.71E+00	5.32E+00	U
WS	01	359816001	10/20/2014	Cs-137	9.17E-01	1.33E+00	4.53E+00	U
WS	01	359816001	10/20/2014	Fe-59	4.15E-01	2.62E+00	8.70E+00	U
WS	01	359816001	10/20/2014	I-131	-4.75E+00	2.97E+00	8.10E+00	U
WS	01	359816001	10/20/2014	K-40	3.78E+02	4.51E+01	4.86E+01	
WS	01	359816001	10/20/2014	La-140	-1.91E+00	1.96E+00	5.30E+00	U
WS	01	359816001	10/20/2014	Mn-54	-1.13E+00	1.24E+00	3.69E+00	U
WS	01	359816001	10/20/2014	Nb-95	2.38E+00	1.46E+00	4.69E+00	U
WS	01	359816001	10/20/2014	Pb-212	1.88E-01	2.48E+00	9.05E+00	U
WS	01	359816001	10/20/2014	Pb-214	6.22E+00	4.06E+00	1.16E+01	U
WS	01	359816001	10/20/2014	Ru-103	2.75E-01	1.60E+00	5.22E+00	U
WS	01	359816001	10/20/2014	Ru-106	-1.80E+01	1.34E+01	3.61E+01	U
WS	01	359816001	10/20/2014	Sb-124	6.91E+00	3.92E+00	1.43E+01	U
WS	01	359816001	10/20/2014	Sb-125	5.52E+00	3.85E+00	1.29E+01	U
WS	01	359816001	10/20/2014	Se-75	0.00E+00	4.05E+00	6.45E+00	U
WS	01	359816001	10/20/2014	Th-228	1.88E-01	2.48E+00	9.05E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	01	359816001	10/20/2014	Zn-65	-2.20E+00	3.18E+00	7.86E+00	U
WS	01	359816001	10/20/2014	Zr-95	1.25E+00	2.11E+00	7.34E+00	U
WS	01	361678001	11/17/2014	Ac-228	-1.52E+01	6.86E+00	1.53E+01	U
WS	01	361678001	11/17/2014	Ag-108m	3.48E-01	1.10E+00	3.71E+00	U
WS	01	361678001	11/17/2014	Ag-110m	-2.53E+00	1.46E+00	3.36E+00	U
WS	01	361678001	11/17/2014	Ba-140	1.61E+00	1.36E+00	4.90E+00	U
WS	01	361678001	11/17/2014	Be-7	-1.12E+01	1.01E+01	3.09E+01	U
WS	01	361678001	11/17/2014	Bi-214	8.43E+00	3.33E+00	1.00E+01	U
WS	01	361678001	11/17/2014	Ce-141	-6.97E+00	3.04E+00	7.15E+00	U
WS	01	361678001	11/17/2014	Ce-144	4.21E+00	8.76E+00	2.87E+01	U
WS	01	361678001	11/17/2014	Co-57	9.92E-01	1.20E+00	4.05E+00	U
WS	01	361678001	11/17/2014	Co-58	1.62E+00	1.29E+00	4.29E+00	U
WS	01	361678001	11/17/2014	Co-60	1.62E+00	1.40E+00	4.62E+00	U
WS	01	361678001	11/17/2014	Cr-51	-6.63E+00	1.13E+01	3.53E+01	U
WS	01	361678001	11/17/2014	Cs-134	-1.71E+00	1.61E+00	3.73E+00	U
WS	01	361678001	11/17/2014	Cs-137	2.71E+00	1.31E+00	4.24E+00	U
WS	01	361678001	11/17/2014	Fe-59	2.26E+00	2.43E+00	8.29E+00	U
WS	01	361678001	11/17/2014	I-131	7.72E-01	1.64E+00	5.33E+00	U
WS	01	361678001	11/17/2014	K-40	3.08E+02	3.67E+01	3.66E+01	
WS	01	361678001	11/17/2014	La-140	1.61E+00	1.36E+00	4.90E+00	U
WS	01	361678001	11/17/2014	Mn-54	-1.84E+00	1.30E+00	3.57E+00	U
WS	01	361678001	11/17/2014	Nb-95	3.96E+00	1.79E+00	4.19E+00	U
WS	01	361678001	11/17/2014	Pb-212	-2.95E+00	2.90E+00	8.55E+00	U
WS	01	361678001	11/17/2014	Pb-214	-6.37E-01	4.21E+00	1.14E+01	U
WS	01	361678001	11/17/2014	Ru-103	1.04E+00	1.29E+00	4.37E+00	U
WS	01	361678001	11/17/2014	Ru-106	1.62E+00	1.13E+01	3.73E+01	U
WS	01	361678001	11/17/2014	Sb-124	4.22E+00	2.92E+00	1.03E+01	U
WS	01	361678001	11/17/2014	Sb-125	1.31E+00	3.33E+00	1.13E+01	U
WS	01	361678001	11/17/2014	Se-75	1.67E+00	1.72E+00	5.64E+00	U
WS	01	361678001	11/17/2014	Th-228	-2.95E+00	2.90E+00	8.55E+00	U
WS	01	361678001	11/17/2014	Zn-65	-4.16E+00	2.78E+00	7.63E+00	U
WS	01	361678001	11/17/2014	Zr-95	-1.80E+00	2.22E+00	5.58E+00	U
WS	01	363808001	12/22/2014	Ac-228	-2.43E+00	6.01E+00	1.84E+01	U
WS	01	363808001	12/22/2014	Ag-108m	-2.08E+00	1.56E+00	4.46E+00	U
WS	01	363808001	12/22/2014	Ag-110m	7.58E-01	1.57E+00	5.27E+00	U
WS	01	363808001	12/22/2014	Ba-140	2.86E+00	2.30E+00	8.38E+00	U
WS	01	363808001	12/22/2014	Be-7	1.92E+01	1.48E+01	4.90E+01	U
WS	01	363808001	12/22/2014	Bi-214	8.42E+00	4.99E+00	1.39E+01	U
WS	01	363808001	12/22/2014	Ce-141	3.36E+00	3.02E+00	9.90E+00	U
WS	01	363808001	12/22/2014	Ce-144	-1.71E+01	1.19E+01	3.52E+01	U
WS	01	363808001	12/22/2014	Co-57	2.14E+00	1.55E+00	5.04E+00	U
WS	01	363808001	12/22/2014	Co-58	-1.88E+00	1.42E+00	3.83E+00	U
WS	01	363808001	12/22/2014	Co-60	3.34E+00	1.75E+00	6.05E+00	U
WS	01	363808001	12/22/2014	Cr-51	-1.90E+01	1.69E+01	5.12E+01	U
WS	01	363808001	12/22/2014	Cs-134	4.07E-01	1.86E+00	6.14E+00	U
WS	01	363808001	12/22/2014	Cs-137	-1.82E+00	1.77E+00	5.31E+00	U
WS	01	363808001	12/22/2014	Fe-59	6.24E+00	3.78E+00	1.28E+01	U
WS	01	363808001	12/22/2014	I-131	-1.11E+00	3.44E+00	1.11E+01	U
WS	01	363808001	12/22/2014	K-40	2.94E+02	4.08E+01	5.17E+01	
WS	01	363808001	12/22/2014	La-140	2.86E+00	2.30E+00	8.38E+00	U
WS	01	363808001	12/22/2014	Mn-54	-1.68E+00	1.45E+00	4.09E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	01	363808001	12/22/2014	Nb-95	3.95E-01	1.71E+00	5.66E+00	U
WS	01	363808001	12/22/2014	Pb-212	5.50E+00	4.74E+00	1.02E+01	U
WS	01	363808001	12/22/2014	Pb-214	-2.85E+00	3.98E+00	1.17E+01	U
WS	01	363808001	12/22/2014	Ru-103	-9.75E-01	1.72E+00	5.55E+00	U
WS	01	363808001	12/22/2014	Ru-106	-1.49E+01	1.35E+01	3.98E+01	U
WS	01	363808001	12/22/2014	Sb-124	9.75E-01	3.74E+00	1.26E+01	U
WS	01	363808001	12/22/2014	Sb-125	-4.86E-01	4.61E+00	1.49E+01	U
WS	01	363808001	12/22/2014	Se-75	1.69E+00	2.15E+00	7.25E+00	U
WS	01	363808001	12/22/2014	Th-228	5.50E+00	4.74E+00	1.02E+01	U
WS	01	363808001	12/22/2014	Zn-65	-4.21E-01	3.62E+00	9.94E+00	U
WS	01	363808001	12/22/2014	Zr-95	2.71E+00	2.84E+00	9.65E+00	U
WS	01	365802001	12/22/2014	H-3	1.12E+02	1.25E+02	3.92E+02	U
WS	02	349419004	5/22/2014	Ac-228	-2.68E+00	3.10E+00	7.74E+00	U
WS	02	349419004	5/22/2014	Ag-108m	7.33E-01	4.96E-01	1.52E+00	U
WS	02	349419004	5/22/2014	Ag-110m	-6.41E-01	5.18E-01	1.61E+00	U
WS	02	349419004	5/22/2014	Ba-140	5.94E-01	8.87E-01	3.02E+00	U
WS	02	349419004	5/22/2014	Be-7	9.55E+00	5.65E+00	1.58E+01	U
WS	02	349419004	5/22/2014	Bi-214	-2.74E+00	1.80E+00	4.09E+00	U
WS	02	349419004	5/22/2014	Ce-141	-5.40E+00	2.00E+00	3.36E+00	U
WS	02	349419004	5/22/2014	Ce-144	-1.34E+00	3.98E+00	1.26E+01	U
WS	02	349419004	5/22/2014	Co-57	-9.22E-01	6.45E-01	1.67E+00	U
WS	02	349419004	5/22/2014	Co-58	5.14E-01	5.00E-01	1.68E+00	U
WS	02	349419004	5/22/2014	Co-60	1.67E-01	5.08E-01	1.66E+00	U
WS	02	349419004	5/22/2014	Cr-51	-3.50E+00	6.02E+00	1.71E+01	U
WS	02	349419004	5/22/2014	Cs-134	4.12E-01	5.91E-01	1.75E+00	U
WS	02	349419004	5/22/2014	Cs-137	-6.40E-02	7.97E-01	1.88E+00	U
WS	02	349419004	5/22/2014	Fe-59	-1.58E-01	1.22E+00	3.42E+00	U
WS	02	349419004	5/22/2014	H-3	-2.13E+02	1.51E+02	5.31E+02	U
WS	02	349419004	5/22/2014	I-131	2.94E+00	1.30E+00	3.15E+00	U
WS	02	349419004	5/22/2014	K-40	2.11E+02	1.87E+01	1.85E+01	
WS	02	349419004	5/22/2014	La-140	5.94E-01	8.87E-01	3.02E+00	U
WS	02	349419004	5/22/2014	Mn-54	-6.12E-01	5.25E-01	1.61E+00	U
WS	02	349419004	5/22/2014	Nb-95	7.40E-01	5.53E-01	1.83E+00	U
WS	02	349419004	5/22/2014	Pb-212	1.47E+00	1.94E+00	3.83E+00	U
WS	02	349419004	5/22/2014	Pb-214	2.05E+00	2.42E+00	4.45E+00	U
WS	02	349419004	5/22/2014	Ru-103	-9.44E-01	6.14E-01	1.77E+00	U
WS	02	349419004	5/22/2014	Ru-106	1.01E+00	4.73E+00	1.52E+01	U
WS	02	349419004	5/22/2014	Sb-124	-2.57E-02	1.24E+00	4.10E+00	U
WS	02	349419004	5/22/2014	Sb-125	1.02E+00	1.45E+00	4.59E+00	U
WS	02	349419004	5/22/2014	Se-75	-1.17E+00	7.94E-01	2.42E+00	U
WS	02	349419004	5/22/2014	Th-228	1.47E+00	1.94E+00	3.83E+00	U
WS	02	349419004	5/22/2014	Zn-65	-1.04E-01	1.36E+00	3.81E+00	U
WS	02	349419004	5/22/2014	Zr-95	1.15E+00	9.46E-01	3.16E+00	U
WS	02	361678004	11/18/2014	Ac-228	0.00E+00	9.00E+00	1.55E+01	U
WS	02	361678004	11/18/2014	Ag-108m	-1.88E-01	8.39E-01	2.72E+00	U
WS	02	361678004	11/18/2014	Ag-110m	-3.08E-01	9.40E-01	3.11E+00	U
WS	02	361678004	11/18/2014	Ba-140	-1.57E+00	1.35E+00	3.73E+00	U
WS	02	361678004	11/18/2014	Be-7	9.57E+00	8.36E+00	2.78E+01	U
WS	02	361678004	11/18/2014	Bi-214	6.72E+00	3.51E+00	5.53E+00	X (1)
WS	02	361678004	11/18/2014	Ce-141	-6.55E-01	1.81E+00	5.19E+00	U
WS	02	361678004	11/18/2014	Ce-144	7.92E+00	7.02E+00	2.28E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	02	361678004	11/18/2014	Co-57	4.58E-01	9.07E-01	2.98E+00	U
WS	02	361678004	11/18/2014	Co-58	-1.83E-01	9.08E-01	2.98E+00	U
WS	02	361678004	11/18/2014	Co-60	5.32E-01	1.06E+00	3.68E+00	U
WS	02	361678004	11/18/2014	Cr-51	7.21E+00	8.30E+00	2.81E+01	U
WS	02	361678004	11/18/2014	Cs-134	7.61E-01	1.14E+00	3.89E+00	U
WS	02	361678004	11/18/2014	Cs-137	-1.34E+00	1.07E+00	3.21E+00	U
WS	02	361678004	11/18/2014	Fe-59	6.69E-02	1.98E+00	6.47E+00	U
WS	02	361678004	11/18/2014	I-131	-2.24E+00	1.33E+00	3.70E+00	U
WS	02	361678004	11/18/2014	K-40	1.20E+02	2.50E+01	3.66E+01	
WS	02	361678004	11/18/2014	La-140	-1.57E+00	1.35E+00	3.73E+00	U
WS	02	361678004	11/18/2014	Mn-54	-7.31E-01	9.67E-01	3.00E+00	U
WS	02	361678004	11/18/2014	Nb-95	-6.98E-02	9.90E-01	3.29E+00	U
WS	02	361678004	11/18/2014	Pb-212	-1.73E+00	2.54E+00	7.11E+00	U
WS	02	361678004	11/18/2014	Pb-214	2.93E+00	3.52E+00	8.64E+00	U
WS	02	361678004	11/18/2014	Ru-103	4.81E-01	1.02E+00	3.39E+00	U
WS	02	361678004	11/18/2014	Ru-106	-1.34E+01	9.99E+00	2.77E+01	U
WS	02	361678004	11/18/2014	Sb-124	-1.19E+00	2.22E+00	6.79E+00	U
WS	02	361678004	11/18/2014	Sb-125	4.85E-01	2.60E+00	8.61E+00	U
WS	02	361678004	11/18/2014	Se-75	1.96E+00	1.71E+00	4.57E+00	U
WS	02	361678004	11/18/2014	Th-228	-1.73E+00	2.54E+00	7.11E+00	U
WS	02	361678004	11/18/2014	Zn-65	4.37E+00	2.86E+00	8.63E+00	U
WS	02	361678004	11/18/2014	Zr-95	-2.39E+00	1.59E+00	4.40E+00	U
WS	02	368119001	11/18/2014	H-3	4.69E+02	1.76E+02	4.91E+02	U
WS	51	342011002	1/21/2014	Ac-228	-7.09E+00	4.80E+00	1.25E+01	U
WS	51	342011002	1/21/2014	Ag-108m	-3.01E-01	7.43E-01	2.46E+00	U
WS	51	342011002	1/21/2014	Ag-110m	-3.97E+00	1.41E+00	2.93E+00	U
WS	51	342011002	1/21/2014	Ba-140	-5.21E-01	1.38E+00	4.48E+00	U
WS	51	342011002	1/21/2014	Be-7	9.38E+00	7.89E+00	2.67E+01	U
WS	51	342011002	1/21/2014	Bi-214	-1.87E+00	2.67E+00	6.96E+00	U
WS	51	342011002	1/21/2014	Ce-141	2.62E+00	1.86E+00	5.49E+00	U
WS	51	342011002	1/21/2014	Ce-144	-4.75E+00	7.32E+00	2.02E+01	U
WS	51	342011002	1/21/2014	Co-57	3.43E-01	8.68E-01	2.77E+00	U
WS	51	342011002	1/21/2014	Co-58	-4.95E-01	9.17E-01	2.86E+00	U
WS	51	342011002	1/21/2014	Co-60	-1.46E+00	1.06E+00	2.94E+00	U
WS	51	342011002	1/21/2014	Cr-51	-9.55E+00	9.53E+00	2.91E+01	U
WS	51	342011002	1/21/2014	Cs-134	9.37E-01	1.01E+00	3.11E+00	U
WS	51	342011002	1/21/2014	Cs-137	6.55E-01	1.38E+00	4.29E+00	U
WS	51	342011002	1/21/2014	Fe-59	1.41E+00	1.76E+00	6.01E+00	U
WS	51	342011002	1/21/2014	I-131	-1.32E-01	1.60E+00	5.15E+00	U
WS	51	342011002	1/21/2014	K-40	3.13E+02	3.00E+01	2.99E+01	
WS	51	342011002	1/21/2014	La-140	-5.21E-01	1.38E+00	4.48E+00	U
WS	51	342011002	1/21/2014	Mn-54	4.39E-02	7.89E-01	2.56E+00	U
WS	51	342011002	1/21/2014	Nb-95	1.75E+00	1.04E+00	3.39E+00	U
WS	51	342011002	1/21/2014	Pb-212	-3.72E-01	2.08E+00	6.44E+00	U
WS	51	342011002	1/21/2014	Pb-214	-2.76E+00	2.70E+00	7.03E+00	U
WS	51	342011002	1/21/2014	Ru-103	-9.48E-02	1.03E+00	2.97E+00	U
WS	51	342011002	1/21/2014	Ru-106	5.79E+00	7.01E+00	2.37E+01	U
WS	51	342011002	1/21/2014	Sb-124	-5.98E-01	2.08E+00	6.75E+00	U
WS	51	342011002	1/21/2014	Sb-125	9.92E-01	2.38E+00	8.13E+00	U
WS	51	342011002	1/21/2014	Se-75	-8.65E-01	1.20E+00	3.80E+00	U
WS	51	342011002	1/21/2014	Th-228	-3.72E-01	2.08E+00	6.44E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	51	342011002	1/21/2014	Zn-65	-1.02E+00	2.35E+00	5.84E+00	U
WS	51	342011002	1/21/2014	Zr-95	-4.74E-01	1.63E+00	5.22E+00	U
WS	51	343633002	2/20/2014	Ac-228	-2.26E+00	5.76E+00	1.87E+01	U
WS	51	343633002	2/20/2014	Ag-108m	7.83E-01	1.23E+00	4.21E+00	U
WS	51	343633002	2/20/2014	Ag-110m	1.02E+00	1.31E+00	4.43E+00	U
WS	51	343633002	2/20/2014	Ba-140	-1.72E+00	2.29E+00	6.63E+00	U
WS	51	343633002	2/20/2014	Be-7	-1.27E+01	1.31E+01	4.00E+01	U
WS	51	343633002	2/20/2014	Bi-214	2.11E-01	3.07E+00	1.00E+01	U
WS	51	343633002	2/20/2014	Ce-141	1.20E+00	2.04E+00	6.99E+00	U
WS	51	343633002	2/20/2014	Ce-144	-1.05E+01	8.86E+00	2.56E+01	U
WS	51	343633002	2/20/2014	Co-57	-7.55E-01	1.11E+00	3.41E+00	U
WS	51	343633002	2/20/2014	Co-58	1.87E+00	9.24E-01	4.85E+00	U
WS	51	343633002	2/20/2014	Co-60	-3.37E+00	1.64E+00	3.38E+00	U
WS	51	343633002	2/20/2014	Cr-51	2.16E+01	1.52E+01	4.95E+01	U
WS	51	343633002	2/20/2014	Cs-134	-1.44E+00	1.55E+00	4.67E+00	U
WS	51	343633002	2/20/2014	Cs-137	5.55E-01	1.58E+00	5.23E+00	U
WS	51	343633002	2/20/2014	Fe-59	4.78E+00	4.19E+00	1.28E+01	U
WS	51	343633002	2/20/2014	H-3	-3.23E+02	1.52E+02	5.48E+02	U
WS	51	343633002	2/20/2014	I-131	2.21E+00	2.66E+00	8.74E+00	U
WS	51	343633002	2/20/2014	K-40	2.47E+02	3.92E+01	6.01E+01	
WS	51	343633002	2/20/2014	La-140	-1.72E+00	2.29E+00	6.63E+00	U
WS	51	343633002	2/20/2014	Mn-54	-3.97E-01	1.64E+00	5.36E+00	U
WS	51	343633002	2/20/2014	Nb-95	-3.99E-01	1.38E+00	4.50E+00	U
WS	51	343633002	2/20/2014	Pb-212	1.11E+00	2.86E+00	9.28E+00	U
WS	51	343633002	2/20/2014	Pb-214	3.46E+00	3.86E+00	1.17E+01	U
WS	51	343633002	2/20/2014	Ru-103	1.56E+00	1.62E+00	3.72E+00	U
WS	51	343633002	2/20/2014	Ru-106	1.98E+01	1.32E+01	4.23E+01	U
WS	51	343633002	2/20/2014	Sb-124	-2.11E+00	3.44E+00	1.01E+01	U
WS	51	343633002	2/20/2014	Sb-125	-1.06E+00	3.87E+00	1.28E+01	U
WS	51	343633002	2/20/2014	Se-75	4.14E-02	1.80E+00	5.90E+00	U
WS	51	343633002	2/20/2014	Th-228	1.11E+00	2.86E+00	9.28E+00	U
WS	51	343633002	2/20/2014	Zn-65	-2.92E+00	3.04E+00	8.61E+00	U
WS	51	343633002	2/20/2014	Zr-95	2.62E+00	2.71E+00	9.46E+00	U
WS	51	345108002	3/18/2014	Ac-228	6.52E-01	7.90E+00	2.57E+01	U
WS	51	345108002	3/18/2014	Ag-108m	3.48E+00	1.67E+00	5.12E+00	U
WS	51	345108002	3/18/2014	Ag-110m	6.89E-01	1.53E+00	5.21E+00	U
WS	51	345108002	3/18/2014	Ba-140	-2.06E+00	3.36E+00	1.03E+01	U
WS	51	345108002	3/18/2014	Be-7	-8.62E+00	1.43E+01	4.59E+01	U
WS	51	345108002	3/18/2014	Bi-214	4.99E+00	6.94E+00	1.35E+01	U
WS	51	345108002	3/18/2014	Ce-141	-3.44E+00	3.14E+00	9.03E+00	U
WS	51	345108002	3/18/2014	Ce-144	-2.15E+01	1.24E+01	3.18E+01	U
WS	51	345108002	3/18/2014	Co-57	-5.35E-01	1.39E+00	4.36E+00	U
WS	51	345108002	3/18/2014	Co-58	-3.97E-01	2.30E+00	6.33E+00	U
WS	51	345108002	3/18/2014	Co-60	6.38E-02	1.72E+00	5.67E+00	U
WS	51	345108002	3/18/2014	Cr-51	1.21E+01	1.66E+01	5.56E+01	U
WS	51	345108002	3/18/2014	Cs-134	1.10E+00	2.66E+00	6.92E+00	U
WS	51	345108002	3/18/2014	Cs-137	1.04E+00	1.49E+00	5.18E+00	U
WS	51	345108002	3/18/2014	Fe-59	8.96E-02	4.07E+00	1.36E+01	U
WS	51	345108002	3/18/2014	I-131	-2.73E+00	3.28E+00	9.90E+00	U
WS	51	345108002	3/18/2014	K-40	3.02E+02	4.80E+01	3.08E+01	
WS	51	345108002	3/18/2014	La-140	-2.06E+00	3.36E+00	1.03E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	51	345108002	3/18/2014	Mn-54	3.59E+00	2.07E+00	7.07E+00	U
WS	51	345108002	3/18/2014	Nb-95	-2.11E+00	1.66E+00	4.44E+00	U
WS	51	345108002	3/18/2014	Pb-212	4.73E-01	4.77E+00	1.11E+01	U
WS	51	345108002	3/18/2014	Pb-214	-1.70E+00	4.54E+00	1.40E+01	U
WS	51	345108002	3/18/2014	Ru-103	2.38E-02	2.12E+00	6.24E+00	U
WS	51	345108002	3/18/2014	Ru-106	1.82E+01	1.66E+01	5.74E+01	U
WS	51	345108002	3/18/2014	Sb-124	2.01E+00	4.18E+00	1.48E+01	U
WS	51	345108002	3/18/2014	Sb-125	5.30E+00	4.43E+00	1.49E+01	U
WS	51	345108002	3/18/2014	Se-75	3.68E+00	2.46E+00	6.64E+00	U
WS	51	345108002	3/18/2014	Th-228	4.73E-01	4.77E+00	1.11E+01	U
WS	51	345108002	3/18/2014	Zn-65	-5.95E+00	5.17E+00	1.18E+01	U
WS	51	345108002	3/18/2014	Zr-95	-4.14E-01	3.08E+00	9.95E+00	U
WS	51	348246002	3/18/2014	H-3	5.50E+01	1.20E+02	3.87E+02	U
WS	51	347506002	4/21/2014	Ac-228	5.15E+00	3.14E+00	7.16E+00	U
WS	51	347506002	4/21/2014	Ag-108m	-8.10E-02	4.50E-01	1.48E+00	U
WS	51	347506002	4/21/2014	Ag-110m	1.19E+00	6.03E-01	1.62E+00	U
WS	51	347506002	4/21/2014	Ba-140	1.78E+00	1.01E+00	3.22E+00	U
WS	51	347506002	4/21/2014	Be-7	5.60E+00	4.56E+00	1.48E+01	U
WS	51	347506002	4/21/2014	Bi-214	-3.35E+00	2.03E+00	3.64E+00	U
WS	51	347506002	4/21/2014	Ce-141	7.47E-01	1.07E+00	3.31E+00	U
WS	51	347506002	4/21/2014	Ce-144	-1.68E+00	3.78E+00	1.21E+01	U
WS	51	347506002	4/21/2014	Co-57	1.26E+00	5.76E-01	1.64E+00	U
WS	51	347506002	4/21/2014	Co-58	-7.03E-01	5.59E-01	1.66E+00	U
WS	51	347506002	4/21/2014	Co-60	5.38E-01	6.86E-01	1.98E+00	U
WS	51	347506002	4/21/2014	Cr-51	2.17E+00	5.15E+00	1.72E+01	U
WS	51	347506002	4/21/2014	Cs-134	6.09E-01	6.82E-01	1.92E+00	U
WS	51	347506002	4/21/2014	Cs-137	-1.26E-01	5.13E-01	1.66E+00	U
WS	51	347506002	4/21/2014	Fe-59	4.53E-01	1.05E+00	3.50E+00	U
WS	51	347506002	4/21/2014	H-3	-6.60E+01	1.54E+02	5.17E+02	U
WS	51	347506002	4/21/2014	I-131	-7.83E-01	1.04E+00	3.34E+00	U
WS	51	347506002	4/21/2014	K-40	2.97E+02	2.13E+01	1.65E+01	
WS	51	347506002	4/21/2014	La-140	1.78E+00	1.01E+00	3.22E+00	U
WS	51	347506002	4/21/2014	Mn-54	-7.55E-01	5.39E-01	1.57E+00	U
WS	51	347506002	4/21/2014	Nb-95	7.82E-01	5.48E-01	1.73E+00	U
WS	51	347506002	4/21/2014	Pb-212	2.96E+00	1.86E+00	3.53E+00	U
WS	51	347506002	4/21/2014	Pb-214	4.79E-01	1.81E+00	4.04E+00	U
WS	51	347506002	4/21/2014	Ru-103	-2.82E-01	5.68E-01	1.83E+00	U
WS	51	347506002	4/21/2014	Ru-106	5.68E+00	4.68E+00	1.51E+01	U
WS	51	347506002	4/21/2014	Sb-124	2.78E-01	1.68E+00	3.98E+00	U
WS	51	347506002	4/21/2014	Sb-125	6.59E-01	1.42E+00	4.71E+00	U
WS	51	347506002	4/21/2014	Se-75	8.69E-06	7.16E-01	2.40E+00	U
WS	51	347506002	4/21/2014	Th-228	2.96E+00	1.86E+00	3.53E+00	U
WS	51	347506002	4/21/2014	Zn-65	-3.36E+00	1.71E+00	3.48E+00	U
WS	51	347506002	4/21/2014	Zr-95	-5.29E-01	9.39E-01	2.96E+00	U
WS	51	349419002	5/21/2014	Ac-228	3.46E+00	3.28E+00	7.54E+00	U
WS	51	349419002	5/21/2014	Ag-108m	-3.48E-01	4.67E-01	1.52E+00	U
WS	51	349419002	5/21/2014	Ag-110m	7.33E-01	6.47E-01	1.63E+00	U
WS	51	349419002	5/21/2014	Ba-140	-8.28E-01	9.13E-01	2.78E+00	U
WS	51	349419002	5/21/2014	Be-7	7.87E+00	4.97E+00	1.60E+01	U
WS	51	349419002	5/21/2014	Bi-214	9.60E-01	1.89E+00	3.35E+00	U
WS	51	349419002	5/21/2014	Ce-141	1.54E+00	1.08E+00	3.19E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	51	349419002	5/21/2014	Ce-144	-1.33E+00	3.37E+00	1.11E+01	U
WS	51	349419002	5/21/2014	Co-57	-2.41E-01	4.52E-01	1.48E+00	U
WS	51	349419002	5/21/2014	Co-58	5.80E-01	5.43E-01	1.76E+00	U
WS	51	349419002	5/21/2014	Co-60	1.68E-01	5.21E-01	1.74E+00	U
WS	51	349419002	5/21/2014	Cr-51	-1.55E+00	5.42E+00	1.66E+01	U
WS	51	349419002	5/21/2014	Cs-134	1.15E-01	5.43E-01	1.77E+00	U
WS	51	349419002	5/21/2014	Cs-137	-1.63E+00	8.91E-01	1.68E+00	U
WS	51	349419002	5/21/2014	Fe-59	-4.35E-01	1.06E+00	3.46E+00	U
WS	51	349419002	5/21/2014	H-3	-1.05E+02	1.56E+02	5.31E+02	U
WS	51	349419002	5/21/2014	I-131	9.40E-01	1.02E+00	3.42E+00	U
WS	51	349419002	5/21/2014	K-40	2.61E+02	2.01E+01	1.60E+01	
WS	51	349419002	5/21/2014	La-140	-8.28E-01	9.13E-01	2.78E+00	U
WS	51	349419002	5/21/2014	Mn-54	-3.01E-01	4.78E-01	1.50E+00	U
WS	51	349419002	5/21/2014	Nb-95	7.49E-01	5.58E-01	1.80E+00	U
WS	51	349419002	5/21/2014	Pb-212	1.98E-01	1.57E+00	3.47E+00	U
WS	51	349419002	5/21/2014	Pb-214	1.72E+00	1.88E+00	4.18E+00	U
WS	51	349419002	5/21/2014	Ru-103	-9.27E-01	5.93E-01	1.77E+00	U
WS	51	349419002	5/21/2014	Ru-106	-5.78E+00	4.73E+00	1.44E+01	U
WS	51	349419002	5/21/2014	Sb-124	-1.38E+00	1.22E+00	3.59E+00	U
WS	51	349419002	5/21/2014	Sb-125	-4.92E-01	1.41E+00	4.68E+00	U
WS	51	349419002	5/21/2014	Se-75	6.77E-01	7.37E-01	2.37E+00	U
WS	51	349419002	5/21/2014	Th-228	1.98E-01	1.57E+00	3.47E+00	U
WS	51	349419002	5/21/2014	Zn-65	1.46E-01	1.14E+00	3.30E+00	U
WS	51	349419002	5/21/2014	Zr-95	1.57E-02	9.00E-01	2.93E+00	U
WS	51	351507002	6/23/2014	Ac-228	2.57E+00	3.98E+00	1.34E+01	U
WS	51	351507002	6/23/2014	Ag-108m	-2.92E-01	7.58E-01	2.49E+00	U
WS	51	351507002	6/23/2014	Ag-110m	2.48E+00	1.04E+00	2.99E+00	U
WS	51	351507002	6/23/2014	Ba-140	5.78E-01	1.73E+00	5.77E+00	U
WS	51	351507002	6/23/2014	Be-7	-3.99E+00	7.64E+00	2.47E+01	U
WS	51	351507002	6/23/2014	Bi-214	2.99E+00	2.11E+00	6.87E+00	U
WS	51	351507002	6/23/2014	Ce-141	7.93E-01	1.50E+00	4.55E+00	U
WS	51	351507002	6/23/2014	Ce-144	-4.48E+00	6.14E+00	1.66E+01	U
WS	51	351507002	6/23/2014	Co-57	1.63E+00	6.98E-01	2.05E+00	U
WS	51	351507002	6/23/2014	Co-58	1.42E+00	9.75E-01	3.29E+00	U
WS	51	351507002	6/23/2014	Co-60	-1.64E+00	1.13E+00	3.19E+00	U
WS	51	351507002	6/23/2014	Cr-51	-7.15E+00	9.16E+00	2.73E+01	U
WS	51	351507002	6/23/2014	Cs-134	5.95E-01	1.17E+00	3.46E+00	U
WS	51	351507002	6/23/2014	Cs-137	-1.42E+00	1.26E+00	3.16E+00	U
WS	51	351507002	6/23/2014	Fe-59	2.30E+00	2.42E+00	7.08E+00	U
WS	51	351507002	6/23/2014	I-131	-1.41E+00	1.66E+00	5.05E+00	U
WS	51	351507002	6/23/2014	K-40	2.76E+02	3.19E+01	3.09E+01	
WS	51	351507002	6/23/2014	La-140	5.78E-01	1.73E+00	5.77E+00	U
WS	51	351507002	6/23/2014	Mn-54	7.92E-01	9.00E-01	3.06E+00	U
WS	51	351507002	6/23/2014	Nb-95	8.53E-01	1.05E+00	3.15E+00	U
WS	51	351507002	6/23/2014	Pb-212	1.59E+00	2.41E+00	5.54E+00	U
WS	51	351507002	6/23/2014	Pb-214	-2.53E+00	2.48E+00	6.45E+00	U
WS	51	351507002	6/23/2014	Ru-103	-2.66E-01	9.52E-01	3.12E+00	U
WS	51	351507002	6/23/2014	Ru-106	-5.02E+00	8.59E+00	2.70E+01	U
WS	51	351507002	6/23/2014	Sb-124	2.46E+00	2.80E+00	9.45E+00	U
WS	51	351507002	6/23/2014	Sb-125	-1.42E+00	2.35E+00	7.62E+00	U
WS	51	351507002	6/23/2014	Se-75	-4.09E-01	1.14E+00	3.67E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	51	351507002	6/23/2014	Th-228	1.59E+00	2.41E+00	5.54E+00	U
WS	51	351507002	6/23/2014	Zn-65	3.83E+00	2.46E+00	8.07E+00	U
WS	51	351507002	6/23/2014	Zr-95	-1.99E+00	1.60E+00	4.78E+00	U
WS	51	354764002	6/23/2014	H-3	-1.30E+02	1.25E+02	4.27E+02	U
WS	51	353518002	7/21/2014	Ac-228	-2.59E+00	5.37E+00	1.72E+01	U
WS	51	353518002	7/21/2014	Ag-108m	-3.78E-01	1.05E+00	3.32E+00	U
WS	51	353518002	7/21/2014	Ag-110m	4.91E-01	1.13E+00	3.84E+00	U
WS	51	353518002	7/21/2014	Ba-140	-3.16E+00	2.49E+00	6.62E+00	U
WS	51	353518002	7/21/2014	Be-7	-2.44E+01	1.38E+01	3.39E+01	U
WS	51	353518002	7/21/2014	Bi-214	9.92E+00	3.86E+00	8.71E+00	X (1)
WS	51	353518002	7/21/2014	Ce-141	3.22E+00	3.34E+00	6.09E+00	U
WS	51	353518002	7/21/2014	Ce-144	-1.79E-01	8.59E+00	2.75E+01	U
WS	51	353518002	7/21/2014	Co-57	-1.48E+00	1.14E+00	3.32E+00	U
WS	51	353518002	7/21/2014	Co-58	-1.03E-01	1.19E+00	3.32E+00	U
WS	51	353518002	7/21/2014	Co-60	-1.26E+00	1.32E+00	3.85E+00	U
WS	51	353518002	7/21/2014	Cr-51	-1.85E+01	1.31E+01	3.81E+01	U
WS	51	353518002	7/21/2014	Cs-134	-2.54E+00	1.67E+00	4.19E+00	U
WS	51	353518002	7/21/2014	Cs-137	1.55E-02	1.21E+00	4.02E+00	U
WS	51	353518002	7/21/2014	Fe-59	2.13E+00	2.63E+00	9.14E+00	U
WS	51	353518002	7/21/2014	I-131	3.86E+00	2.55E+00	8.44E+00	U
WS	51	353518002	7/21/2014	K-40	3.57E+02	3.88E+01	3.66E+01	
WS	51	353518002	7/21/2014	La-140	-3.16E+00	2.49E+00	6.62E+00	U
WS	51	353518002	7/21/2014	Mn-54	6.16E-01	1.35E+00	4.51E+00	U
WS	51	353518002	7/21/2014	Nb-95	8.52E-01	1.16E+00	3.96E+00	U
WS	51	353518002	7/21/2014	Pb-212	3.82E+00	4.24E+00	9.15E+00	U
WS	51	353518002	7/21/2014	Pb-214	6.00E+00	5.11E+00	1.10E+01	U
WS	51	353518002	7/21/2014	Ru-103	4.26E-01	1.43E+00	4.63E+00	U
WS	51	353518002	7/21/2014	Ru-106	6.70E+00	1.08E+01	3.70E+01	U
WS	51	353518002	7/21/2014	Sb-124	3.48E+00	3.22E+00	1.13E+01	U
WS	51	353518002	7/21/2014	Sb-125	3.95E+00	3.60E+00	1.19E+01	U
WS	51	353518002	7/21/2014	Se-75	9.51E-01	1.65E+00	5.56E+00	U
WS	51	353518002	7/21/2014	Th-228	3.82E+00	4.24E+00	9.15E+00	U
WS	51	353518002	7/21/2014	Zn-65	-7.64E-01	2.90E+00	9.51E+00	U
WS	51	353518002	7/21/2014	Zr-95	-4.46E-01	2.37E+00	7.69E+00	U
WS	51	355390002	8/19/2014	Ac-228	-1.23E+01	5.74E+00	1.37E+01	U
WS	51	355390002	8/19/2014	Ag-108m	-1.59E-01	1.29E+00	4.15E+00	U
WS	51	355390002	8/19/2014	Ag-110m	9.87E-01	1.32E+00	4.60E+00	U
WS	51	355390002	8/19/2014	Ba-140	2.87E+00	2.78E+00	1.00E+01	U
WS	51	355390002	8/19/2014	Be-7	6.39E+00	1.27E+01	4.22E+01	U
WS	51	355390002	8/19/2014	Bi-214	1.42E+01	5.33E+00	9.11E+00	X (1)
WS	51	355390002	8/19/2014	Ce-141	1.13E+00	2.86E+00	9.25E+00	U
WS	51	355390002	8/19/2014	Ce-144	2.98E+00	1.02E+01	3.32E+01	U
WS	51	355390002	8/19/2014	Co-57	-4.72E-01	1.39E+00	4.21E+00	U
WS	51	355390002	8/19/2014	Co-58	-2.03E-01	1.39E+00	4.53E+00	U
WS	51	355390002	8/19/2014	Co-60	5.08E-01	1.61E+00	5.55E+00	U
WS	51	355390002	8/19/2014	Cr-51	2.37E+01	1.39E+01	4.65E+01	U
WS	51	355390002	8/19/2014	Cs-134	2.57E+00	1.65E+00	5.76E+00	U
WS	51	355390002	8/19/2014	Cs-137	-1.30E+00	1.58E+00	4.89E+00	U
WS	51	355390002	8/19/2014	Fe-59	-2.04E+00	2.92E+00	8.55E+00	U
WS	51	355390002	8/19/2014	I-131	5.99E+00	3.43E+00	1.14E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	51	355390002	8/19/2014	K-40	3.11E+02	4.62E+01	4.52E+01	
WS	51	355390002	8/19/2014	La-140	2.87E+00	2.78E+00	1.00E+01	U
WS	51	355390002	8/19/2014	Mn-54	-2.28E+00	1.88E+00	4.99E+00	U
WS	51	355390002	8/19/2014	Nb-95	1.19E+00	1.77E+00	5.39E+00	U
WS	51	355390002	8/19/2014	Pb-212	-4.66E+00	3.19E+00	9.57E+00	U
WS	51	355390002	8/19/2014	Pb-214	1.26E+01	5.11E+00	1.37E+01	U
WS	51	355390002	8/19/2014	Ru-103	-3.12E+00	1.79E+00	4.54E+00	U
WS	51	355390002	8/19/2014	Ru-106	6.75E+00	1.18E+01	4.12E+01	U
WS	51	355390002	8/19/2014	Sb-124	1.67E+00	3.04E+00	1.08E+01	U
WS	51	355390002	8/19/2014	Sb-125	5.58E-01	3.95E+00	1.30E+01	U
WS	51	355390002	8/19/2014	Se-75	-2.11E+00	2.14E+00	6.63E+00	U
WS	51	355390002	8/19/2014	Th-228	-4.66E+00	3.19E+00	9.57E+00	U
WS	51	355390002	8/19/2014	Zn-65	-4.19E+00	4.14E+00	1.19E+01	U
WS	51	355390002	8/19/2014	Zr-95	1.41E+00	2.64E+00	9.10E+00	U
WS	51	357644002	9/23/2014	Ac-228	1.34E+01	6.75E+00	2.30E+01	U
WS	51	357644002	9/23/2014	Ag-108m	-1.49E+00	1.30E+00	3.93E+00	U
WS	51	357644002	9/23/2014	Ag-110m	-1.62E+00	1.48E+00	4.29E+00	U
WS	51	357644002	9/23/2014	Ba-140	-2.48E+00	3.01E+00	8.88E+00	U
WS	51	357644002	9/23/2014	Be-7	5.61E+00	1.22E+01	4.19E+01	U
WS	51	357644002	9/23/2014	Bi-214	0.00E+00	5.83E+00	1.28E+01	U
WS	51	357644002	9/23/2014	Ce-141	-1.12E+00	2.45E+00	6.73E+00	U
WS	51	357644002	9/23/2014	Ce-144	3.68E+00	8.07E+00	2.63E+01	U
WS	51	357644002	9/23/2014	Co-57	-1.21E+00	1.10E+00	3.27E+00	U
WS	51	357644002	9/23/2014	Co-58	8.99E-01	1.66E+00	5.46E+00	U
WS	51	357644002	9/23/2014	Co-60	9.87E-01	1.71E+00	5.96E+00	U
WS	51	357644002	9/23/2014	Cr-51	-1.07E+01	1.26E+01	3.85E+01	U
WS	51	357644002	9/23/2014	Cs-134	3.38E-01	1.58E+00	5.18E+00	U
WS	51	357644002	9/23/2014	Cs-137	1.94E+00	1.66E+00	5.66E+00	U
WS	51	357644002	9/23/2014	Fe-59	-3.97E+00	3.42E+00	9.57E+00	U
WS	51	357644002	9/23/2014	I-131	-4.82E-01	2.56E+00	8.19E+00	U
WS	51	357644002	9/23/2014	K-40	3.25E+02	4.95E+01	4.54E+01	
WS	51	357644002	9/23/2014	La-140	-2.48E+00	3.01E+00	8.88E+00	U
WS	51	357644002	9/23/2014	Mn-54	-6.03E-01	1.62E+00	5.27E+00	U
WS	51	357644002	9/23/2014	Nb-95	-1.96E-01	1.56E+00	5.01E+00	U
WS	51	357644002	9/23/2014	Pb-212	0.00E+00	6.03E+00	9.99E+00	U
WS	51	357644002	9/23/2014	Pb-214	-1.08E-01	3.35E+00	1.09E+01	U
WS	51	357644002	9/23/2014	Ru-103	9.27E-01	1.56E+00	5.34E+00	U
WS	51	357644002	9/23/2014	Ru-106	-1.91E+00	1.36E+01	4.43E+01	U
WS	51	357644002	9/23/2014	Sb-124	3.74E-01	3.49E+00	1.16E+01	U
WS	51	357644002	9/23/2014	Sb-125	-3.77E+00	3.98E+00	1.16E+01	U
WS	51	357644002	9/23/2014	Se-75	-2.68E-02	1.90E+00	6.30E+00	U
WS	51	357644002	9/23/2014	Th-228	0.00E+00	6.03E+00	9.99E+00	U
WS	51	357644002	9/23/2014	Zn-65	2.36E+00	3.56E+00	1.21E+01	U
WS	51	357644002	9/23/2014	Zr-95	-2.95E+00	2.86E+00	8.19E+00	U
WS	51	361413002	9/23/2014	H-3	-2.80E+01	6.75E+01	2.25E+02	U
WS	51	359816002	10/20/2014	Ac-228	-3.59E+00	5.53E+00	1.79E+01	U
WS	51	359816002	10/20/2014	Ag-108m	7.17E-01	1.10E+00	3.74E+00	U
WS	51	359816002	10/20/2014	Ag-110m	-2.09E+00	1.25E+00	3.32E+00	U
WS	51	359816002	10/20/2014	Ba-140	2.38E+00	2.63E+00	9.32E+00	U
WS	51	359816002	10/20/2014	Be-7	2.53E+01	1.09E+01	3.45E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	51	359816002	10/20/2014	Bi-214	0.00E+00	6.24E+00	1.47E+01	U
WS	51	359816002	10/20/2014	Ce-141	-7.52E-01	2.92E+00	8.34E+00	U
WS	51	359816002	10/20/2014	Ce-144	4.44E+00	8.88E+00	2.94E+01	U
WS	51	359816002	10/20/2014	Co-57	-3.19E+00	1.41E+00	3.47E+00	U
WS	51	359816002	10/20/2014	Co-58	-8.31E-02	1.26E+00	4.16E+00	U
WS	51	359816002	10/20/2014	Co-60	8.69E-01	1.43E+00	5.01E+00	U
WS	51	359816002	10/20/2014	Cr-51	-5.44E+00	1.26E+01	4.09E+01	U
WS	51	359816002	10/20/2014	Cs-134	9.99E-01	1.21E+00	4.27E+00	U
WS	51	359816002	10/20/2014	Cs-137	1.28E+00	1.29E+00	4.54E+00	U
WS	51	359816002	10/20/2014	Fe-59	-3.94E+00	2.83E+00	7.24E+00	U
WS	51	359816002	10/20/2014	I-131	3.87E+00	3.27E+00	1.10E+01	U
WS	51	359816002	10/20/2014	K-40	2.49E+02	3.44E+01	3.08E+01	
WS	51	359816002	10/20/2014	La-140	2.38E+00	2.63E+00	9.32E+00	U
WS	51	359816002	10/20/2014	Mn-54	1.65E+00	1.17E+00	4.02E+00	U
WS	51	359816002	10/20/2014	Nb-95	2.84E+00	1.58E+00	5.39E+00	U
WS	51	359816002	10/20/2014	Pb-212	9.71E-01	3.23E+00	1.01E+01	U
WS	51	359816002	10/20/2014	Pb-214	7.88E+00	5.02E+00	1.25E+01	U
WS	51	359816002	10/20/2014	Ru-103	4.07E+00	1.78E+00	4.25E+00	U
WS	51	359816002	10/20/2014	Ru-106	-2.39E+01	1.30E+01	3.10E+01	U
WS	51	359816002	10/20/2014	Sb-124	7.87E-01	3.58E+00	1.21E+01	U
WS	51	359816002	10/20/2014	Sb-125	-4.37E-01	3.36E+00	1.10E+01	U
WS	51	359816002	10/20/2014	Se-75	-1.76E+00	1.76E+00	5.53E+00	U
WS	51	359816002	10/20/2014	Th-228	9.71E-01	3.23E+00	1.01E+01	U
WS	51	359816002	10/20/2014	Zn-65	-5.69E+00	3.51E+00	8.80E+00	U
WS	51	359816002	10/20/2014	Zr-95	-6.47E-01	2.36E+00	7.73E+00	U
WS	51	361678002	11/17/2014	Ac-228	3.92E+00	5.97E+00	1.80E+01	U
WS	51	361678002	11/17/2014	Ag-108m	-1.11E+00	1.04E+00	3.11E+00	U
WS	51	361678002	11/17/2014	Ag-110m	-7.32E-01	1.05E+00	3.32E+00	U
WS	51	361678002	11/17/2014	Ba-140	1.26E+00	1.57E+00	5.42E+00	U
WS	51	361678002	11/17/2014	Be-7	-1.17E+01	1.09E+01	2.73E+01	U
WS	51	361678002	11/17/2014	Bi-214	7.17E+00	3.70E+00	7.00E+00	X (1)
WS	51	361678002	11/17/2014	Ce-141	4.57E+00	2.36E+00	6.51E+00	U
WS	51	361678002	11/17/2014	Ce-144	-1.02E+01	7.87E+00	2.37E+01	U
WS	51	361678002	11/17/2014	Co-57	1.28E-01	1.02E+00	3.36E+00	U
WS	51	361678002	11/17/2014	Co-58	1.01E+00	1.20E+00	3.98E+00	U
WS	51	361678002	11/17/2014	Co-60	3.93E-01	1.19E+00	3.95E+00	U
WS	51	361678002	11/17/2014	Cr-51	-7.79E+00	1.03E+01	3.27E+01	U
WS	51	361678002	11/17/2014	Cs-134	-1.51E+00	1.37E+00	4.05E+00	U
WS	51	361678002	11/17/2014	Cs-137	-2.32E+00	1.29E+00	3.51E+00	U
WS	51	361678002	11/17/2014	Fe-59	4.47E+00	2.79E+00	8.31E+00	U
WS	51	361678002	11/17/2014	I-131	2.73E+00	1.82E+00	4.82E+00	U
WS	51	361678002	11/17/2014	K-40	2.50E+02	4.06E+01	3.50E+01	
WS	51	361678002	11/17/2014	La-140	1.26E+00	1.57E+00	5.42E+00	U
WS	51	361678002	11/17/2014	Mn-54	1.94E-01	1.39E+00	3.90E+00	U
WS	51	361678002	11/17/2014	Nb-95	-5.48E-01	1.35E+00	3.78E+00	U
WS	51	361678002	11/17/2014	Pb-212	2.17E-01	2.89E+00	7.34E+00	U
WS	51	361678002	11/17/2014	Pb-214	4.45E+00	4.18E+00	9.74E+00	U
WS	51	361678002	11/17/2014	Ru-103	-6.96E-02	1.22E+00	3.90E+00	U
WS	51	361678002	11/17/2014	Ru-106	-1.79E-01	1.04E+01	2.98E+01	U
WS	51	361678002	11/17/2014	Sb-124	2.71E-01	2.86E+00	9.49E+00	U
WS	51	361678002	11/17/2014	Sb-125	9.95E-01	3.13E+00	1.02E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
WS	51	361678002	11/17/2014	Se-75	4.19E-01	1.47E+00	4.97E+00	U
WS	51	361678002	11/17/2014	Th-228	2.17E-01	2.89E+00	7.34E+00	U
WS	51	361678002	11/17/2014	Zn-65	2.83E+00	2.00E+00	7.73E+00	U
WS	51	361678002	11/17/2014	Zr-95	-2.71E+00	2.30E+00	6.31E+00	U
WS	51	363808002	12/22/2014	Ac-228	-8.30E-01	6.81E+00	1.87E+01	U
WS	51	363808002	12/22/2014	Ag-108m	-3.59E-01	1.09E+00	3.59E+00	U
WS	51	363808002	12/22/2014	Ag-110m	5.10E-01	1.16E+00	3.43E+00	U
WS	51	363808002	12/22/2014	Ba-140	2.26E+00	2.33E+00	8.17E+00	U
WS	51	363808002	12/22/2014	Be-7	1.18E+01	1.68E+01	3.61E+01	U
WS	51	363808002	12/22/2014	Bi-214	1.58E+00	3.30E+00	1.02E+01	U
WS	51	363808002	12/22/2014	Ce-141	2.89E-01	3.78E+00	7.97E+00	U
WS	51	363808002	12/22/2014	Ce-144	-7.98E+00	9.07E+00	2.86E+01	U
WS	51	363808002	12/22/2014	Co-57	0.00E+00	1.21E+00	3.30E+00	U
WS	51	363808002	12/22/2014	Co-58	-2.77E-01	1.15E+00	3.63E+00	U
WS	51	363808002	12/22/2014	Co-60	-6.29E-01	1.06E+00	3.22E+00	U
WS	51	363808002	12/22/2014	Cr-51	-2.08E+01	1.44E+01	4.02E+01	U
WS	51	363808002	12/22/2014	Cs-134	6.99E-01	1.39E+00	4.66E+00	U
WS	51	363808002	12/22/2014	Cs-137	2.90E-02	1.42E+00	4.03E+00	U
WS	51	363808002	12/22/2014	Fe-59	4.53E+00	2.03E+00	7.76E+00	U
WS	51	363808002	12/22/2014	I-131	5.43E+00	3.43E+00	8.35E+00	U
WS	51	363808002	12/22/2014	K-40	3.25E+02	3.74E+01	3.95E+01	
WS	51	363808002	12/22/2014	La-140	2.26E+00	2.33E+00	8.17E+00	U
WS	51	363808002	12/22/2014	Mn-54	4.70E-01	1.81E+00	3.56E+00	U
WS	51	363808002	12/22/2014	Nb-95	-2.23E-01	1.21E+00	3.89E+00	U
WS	51	363808002	12/22/2014	Pb-212	3.65E+00	3.56E+00	9.57E+00	U
WS	51	363808002	12/22/2014	Pb-214	4.25E+00	3.99E+00	1.02E+01	U
WS	51	363808002	12/22/2014	Ru-103	-3.19E+00	1.57E+00	4.01E+00	U
WS	51	363808002	12/22/2014	Ru-106	0.00E+00	1.44E+01	2.89E+01	U
WS	51	363808002	12/22/2014	Sb-124	-3.53E+00	2.95E+00	7.55E+00	U
WS	51	363808002	12/22/2014	Sb-125	1.50E+00	3.46E+00	1.18E+01	U
WS	51	363808002	12/22/2014	Se-75	8.23E-01	1.90E+00	6.23E+00	U
WS	51	363808002	12/22/2014	Th-228	3.65E+00	3.56E+00	9.57E+00	U
WS	51	363808002	12/22/2014	Zn-65	-6.58E-01	3.27E+00	9.17E+00	U
WS	51	363808002	12/22/2014	Zr-95	-3.12E+00	2.17E+00	5.76E+00	U
WS	51	365802002	12/22/2014	H-3	9.92E+01	1.27E+02	4.02E+02	U

U: **Target isotope was analyzed for but not detected above the MDC and LLD.**
UI: **Uncertain identification for gamma spectroscopy.**
X: **Lab-specific qualifier:**
(1) False positive due to the presence of radon gas in the water.
M: **Reported result is less than the LLD and greater than the MDC.**
DL: **Measured MDC is greater than the LLD.**