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May 12, 2021

AEP-NRC-2021-32
10 CFR 50, Appendix I
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Docket Nos. 50-315
50-316

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

Donald C. Cook Nuclear Plant Units 1 and 2
ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

In accordance with Technical Specification 5.6.2, Indiana Michigan Power Company, the licensee for Donald C. Cook Nuclear Plant Units 1 and 2, is providing the Annual Radiological Environmental Operating Report as an enclosure to this letter. This report covers the period of January 1, 2020, through December 31, 2020.

This letter contains no new regulatory commitments. Should you have any questions, please contact me at (269) 466-2649.

Sincerely,

M. K. Scarpello

Michael K. Scarpello
Regulatory Affairs Director

JMT/mll

Enclosure: Annual Radiological Environmental Operating Report

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Enclosure to AEP-NRC-2021-32

Annual Radiological Environmental Operating Report

Annual Radiological Environmental Operating Report

Indiana Michigan Power Company
Donald C. Cook Nuclear Plant

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

January 1, 2020 – December 31, 2020

Docket No. 50-315, 50-316
License No. DPR-58, DPR-74

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1.0 EXECUTIVE SUMMARY

Implementation of the Donald C. Cook Nuclear Plant (CNP) Radiological Environmental Monitoring Program (REMP) continued during the period January through December 2020, in accordance with station Technical Specifications and the Off-Site Dose Calculation Manual (ODCM).

Radiochemical and radiometric analyses of REMP samples were performed to allow for detection and quantification of station-related radioactivity. A variety of potential exposure pathways were monitored by analyzing air, fruit, vegetation, water, fish and sediment samples. Thermoluminescent dosimeters (TLDs) were also utilized to monitor for gamma radiation exposure that might be attributed to plant activities.

Evaluation of sample analysis results considered the variability of natural or man-made radioactivity sources including their distribution and uptake in the environmental media. This variability depends on several possible factors such as:

- contributions from cosmogenic radioactivity,
- groundwater dynamics,
- station related release rates,
- past spatial variability of radioactive fallout from nuclear weapons tests, other nuclear events (e.g. Fukushima, Chernobyl), and the on-going redistribution of this fallout,
- soil characteristics,
- farming practices, and
- feed type.

Since these factors had the potential to cause considerable variation in sample analysis results, they were considered during the evaluation of sample analysis results.

Based on evaluation of sample analysis results, it was determined that non-tritium radioactivity detected by the REMP was from outside sources, such as fallout from nuclear weapons tests, external nuclear events, and naturally occurring radionuclides. (For a list of naturally occurring radionuclides and radionuclides analyzed, see Table 3.0.) Examples include the following:

- All four of the lake sediment samples contained Potassium-40 (K-40) and Thorium-228 (Th-228).
- K-40 was detected in all three REMP fish samples and a trace level of Cesium-137 (Cs-137) was observed in one control sample.
- All food products samples contained K-40 and two of the three control samples contained Beryllium-7 (Be-7). All samples of broadleaf vegetation contained Be-7, and all but one sample contained K-40.

- Two groundwater samples indicated the presence of K-40; while one sample contained Be-7, one Actinium-228 (Ac-228), and one Th-228.
- Two drinking water samples contained Th-228, Beta, and K-40 were noted in one sample each.
- Tritium (H-3) was not detected in any of the water samples (ground, surface or drinking).
- All Air particulate samples for quarterly composites contained Be-7; and three contained K-40.

No sample analysis results exceeded or approached specified reporting levels.

This report was prepared by CNP. Sample collection and preparation was performed by CNP. Laboratory analyses were performed by GEL Laboratories LLC (GEL). TLD analyses were performed by Environmental Dosimetry Company.

2.0 INTRODUCTION

2.1 General Plant Site Information

Indiana Michigan Power Company's CNP is located on the southeastern shore of Lake Michigan approximately three miles north of Bridgman, Michigan. The site consists of two pressurized water reactors: Unit 1, 1084 MWe (Net Design Electrical Rating) and Unit 2, 1194 MWe (Net Design Electrical Rating). Unit 1 achieved initial criticality on January 18, 1975, and Unit 2 on March 10, 1978.

The Independent Spent Fuel Storage Installation (ISFSI) impacts are included with Unit 1 and Unit 2 statistics. The ISFSI cask system does not create any radioactive materials or have any radioactive waste treatment systems. Therefore, specific operating procedures for the control of radioactive effluents are not required. Certificate of Compliance No. 1014 Appendix A, Specification 3.1.1, Multi-Purpose Canister (MPC), provides assurance that there are no radioactive effluents from the ISFSI.

2.2 Program Design

The REMP for CNP was designed with specific objectives:

- To provide an early indication of the appearance or accumulation of radioactive material in the environment possibly caused by CNP activities.
- To provide assurance to regulatory agencies and the public that the environmental/dose impact of the CNP operation is known and within anticipated limits.
- To verify the adequacy and proper functioning of station effluent controls and monitoring systems.
- To comply with regulatory requirements and station Technical Specifications and provide records to document compliance.

The program was developed to meet the intent of Nuclear Regulatory Commission (NRC) Regulatory Guide 4.1 (Revision 1), "Programs for Monitoring Radioactivity in the Environs of Nuclear Power Plants"; NRC Regulatory Guide 4.8, "Environmental Technical Specifications for Nuclear Power Plants"; the NRC Branch Technical Position of November 1979, "An Acceptable Radiological Environmental Monitoring Program"; and NRC NUREG-0472, "Standard Radiological Effluent Technical Specifications for Pressurized Water Reactors."

The REMP sampling requirements are given in Attachment 3.19, "Radiological Environmental Monitoring Program Sample Stations, Sample Types, Sample Frequencies," of the ODCM and summarized in Table 2.1 of this report. The identification of the required sampling locations is also provided in Attachment 3.19 of the ODCM and Table 2.2 of this report. The monitoring locations of samples collected in 2020 are shown graphically in Figures 2.1 – 2.3.

2.3 Monitoring Zones

The REMP is designed to allow comparison of levels of radioactivity in samples from the area potentially influenced by the plant to levels found in areas not influenced by the plant. Generally, monitoring zones are designated as "indicator" or "control" locations. For a particular pathway, the distinction between these designations is based on relative direction and distance from the plant. Sample analysis data from the two zones is evaluated and used to differentiate between radiation due to plant activities and that due to other sources (examples: nuclear weapons test fallout, external nuclear events, medical related tests and seasonal background variations).

2.4 Pathways Monitored

Four pathway categories (airborne, waterborne, ingestion, and direct radiation) were monitored by the REMP. Each of these categories was monitored by the collection of one or more sample types listed and described below.

Airborne Pathway:	Air
Waterborne Pathway:	Surface Water Groundwater Drinking Water Sediment
Ingestion Pathway:	Milk (if available) Fish Food Product (Fruit and Broadleaf Vegetation) Broadleaf Vegetation (in lieu of milk and garden census, when necessary)
Direct Radiation:	TLD Monitoring

2.5 Descriptions of Monitoring Pathways

Sample types and frequency of analysis are given in Table 2.1. The sample locations are listed in Table 2.2 and shown in Figures 2.1 – 2.3. The program as described in this report includes both ODCM required and additional or informational samples. A description of the ODCM sampling program follows, and a detailed summary of the analytical methodologies employed by GEL Laboratories is provided in Appendix A.

2.5.1 Air

Air samplers were installed at ten locations as required by the ODCM. These samplers operated continuously (except during weekly sample media replacement) within the specified sample flow rate range of 42 to 70 liters per minute (LPM). An Automatic Volume Totalizer was used to measure the total volume of air sampled, total unit run time and volumetric flow rate.

Airborne particulates were collected by passing air through a 47-mm particulate filter. Charcoal cartridges were installed downstream of the particulate filters and were used to collect airborne radioiodine. Both types of sample media were collected weekly, and to allow for the decay of radon daughter products, the particulate filters were held at least 100 hours before being analyzed for gross-beta radioactivity.

The particulate filters were composited by location as part of the quarterly gamma spectroscopy analysis.

2.5.2 Surface Water

Two 500-ml surface water samples were collected from shoreline locations approximately 500 feet north and south of the plant centerline. Samples were composited daily, and the gamma aliquot was preserved with nitric acid. A gamma isotopic analysis was performed on a monthly composite from each sample point. A tritium analysis was performed on a quarterly composite from each sample point.

2.5.3 Groundwater

Groundwater samples were collected quarterly from 17 wells, all within 4300 feet of the reactors. At each well, a static water elevation was determined and at least three well bore volumes were purged from the well using a groundwater pump or equivalent. Two 1-liter and two 125-ml samples were then collected and the gamma isotopic aliquot was preserved with nitric acid. Gamma isotopic and tritium analyses were performed.

2.5.4 Drinking Water

One-liter samples were collected daily at the intake of the water purification plants for St. Joseph and Lake Township. The daily samples were composited over 14 days and the gamma isotopic/gross beta aliquot was

preserved with nitric acid. The 14-day composite samples were analyzed for gross beta, gamma isotopic and low level Iodine (I-131). A quarterly composite was analyzed for Tritium (H-3).

2.5.5 Sediment

Lake Michigan shoreline sediment samples were collected semi-annually approximately 500 feet north and south of the plant centerline. A one-liter sample was collected from an area covered part time by wave action at each location. The sediment samples were analyzed for gamma isotopic content.

2.5.6 Milk

Due to the retirement of several milk farms, the required number of indicator milk locations was not met in 2020. The milk sampling program has been considered suspended since 2010. Environmental personnel implemented broadleaf vegetation collection per the ODCM during the growing season as a result of not meeting the required number of milk indicator farms.

2.5.7 Fish

Approximately four pounds of fish were collected on one occasion at one indicator location and on two occasions at one control location using hook and line in Lake Michigan. The edible portions of the fish were analyzed for gamma-emitting radionuclides.

In addition to the ODCM required bi-annual fish samples, a once-a-year sampling for fish species important to sport fishing in Lake Michigan (trout, salmon and perch) was initiated in 2011. Due to the change in 2019 from gill net to hook and line fishing, and the fact that all REMP samples were of sport fish, no non-REMP sport fish samples were taken in 2020.

2.5.8 Food Product

Seven food product samples were collected at the time of harvest. Samples consist of greater than 300 grams of media and were collected from the highest deposition factor land sectors near CNP, with media present, and at an approximate distance of 20 miles from the plant in one of the less prevalent deposition factor land sectors. Samples were analyzed for gamma-emitting radionuclides.

2.5.9 Broadleaf Vegetation

Broadleaf vegetation sampling in lieu of milk collection was reinstated on December 16, 2004, and continued through 2020 during the growing season (June – October, when available). Three samples consisting of greater than 300 grams of media were collected monthly during the growing season from two different sectors within 5 miles of the plant in the highest deposition factor land sectors with media present, and one sample of similar vegetation grown 10-20 miles from the plant in one of the less

prevalent deposition factor land sectors. Thirty samples were collected and analyzed for gamma-emitting radionuclides and low level I-131.

2.5.10 TLD Monitoring

Direct gamma radiation exposure was continuously monitored with the use of Panasonic UD-814 AS4 TLDs. TLDs were posted at 27 locations in the environs surrounding CNP and replaced quarterly.

2.5.11 Additional Groundwater Sample Analysis (non-ODCM required)

During 2020, additional groundwater samples not required by the ODCM were collected for informational purposes. These samples were collected at several onsite locations in 2020 and analyzed for gamma and tritium by GEL laboratories. They may also be analyzed for gross beta and gross alpha.

2.5.12 Additional Groundwater Sample Analysis (NEI Groundwater Protection Initiative (GPI))

During 2020, additional groundwater samples not required by the ODCM were collected for informational purposes. These samples were collected at several onsite locations in 2020 and analyzed for tritium by CNP.

The full discussion of the GPI sample data and analysis is contained in Appendix F.

Table 2.1

Sampling Frequency & Type of Analysis
Based on ODCM, Rev. 26 and 27*, Attachment 3.19 and
12-THP-6010-RPP-636 Rev. 6

	Exposure Pathway and/or Sample	Number of Locations	Sampling & Collection Frequency	Type of Analysis
1.	Gamma Exposure–Environmental TLD	27	Quarterly	Direct Radiation - Quarterly
2.	Airborne	10	Continuous sampler – weekly filter change	Gross Beta and I-131 - Weekly Gamma Isotopic - Quarterly on composite (by location)
3.	Groundwater (Well Water)	17	Quarterly	Gamma Isotopic and Tritium – Quarterly
4.	Surface Water	2	Once per calendar day	Gamma Isotopic - Monthly on composite Tritium - Quarterly on composite
5.	Drinking Water	2	Once per calendar day	Gamma Isotopic, Gross Beta and I-131 Low Level (LL) - on 14 day composite. Tritium - Quarterly on composite
6.	Sediment Lake	2	Semiannually	Gamma Isotopic
7.	Milk (if available)	4	Once every 15 days or Monthly if animals are fed stored feed.	Gamma Isotopic and I-131 Low Level (LL) – per sample
8.	Fish (edible portion)	4	2 per year	Gamma Isotopic - per sample
9.	Fish (edible portion)	2	1 per year	Gamma Isotopic – per sample
10.	Food Products-Grape	2	At time of harvest	Gamma Isotopic - per sample
11.	Broadleaf Vegetation – (in lieu of milk sampling)	3	Monthly when available	Gamma Isotopic and I-131 Low Level (LL) – per sample

* Revision 27 became effective in December, so both revisions were in effect for portions of the year.

Table 2.2

2020 Radiological Environmental Monitoring Program
Sampling Types and Locations

Exposure Pathway (Sample Type Designation)	Sample Station	Indicator/ Control	Location Description
Airborne			
Filter (AP / CF)	ONS-1	I	1945 feet @ 18° from Plant axis
	ONS-2	I	2338 feet @ 48° from Plant axis
	ONS-3	I	2407 feet @ 90° from Plant axis
	ONS-4	I	1852 feet @ 118° from Plant axis
	ONS-5	I	1895 feet @ 189° from Plant axis
	ONS-6	I	1917 feet @ 210° from Plant axis
	NBF	C	15.6 miles SSW - New Buffalo, MI
	SBN	C	26.2 miles SE - South Bend, IN
	DOW	C	24.3 miles ENE - Dowagiac, MI
	COL	C	18.9 miles NNE - Coloma, MI
Waterborne			
Ground Well (WG)	W-1	I	1969 feet @ 11° from Plant axis
	W-2	I	2302 feet @ 63° from Plant axis
	W-3	I	3279 feet @ 107° from Plant axis
	W-4	I	418 feet @ 301° from Plant axis
	W-5	I	404 feet @ 290° from Plant axis
	W-6	I	424 feet @ 273° from Plant axis
	W-7	I	1895 feet @ 189° from Plant axis
	W-8	I	1274 feet @ 54° from Plant axis
	W-9	I	1447 feet @ 22° from Plant axis
	W-10	I	4216 feet @ 129° from Plant axis
	W-11	I	3206 feet @ 153° from Plant axis
	W-12	I	2631 feet @ 162° from Plant axis
	W-13	I	2152 feet @ 182° from Plant axis
	W-14	I	1780 feet @ 164° from Plant axis
	W-15 (MW-12c)	I	725 feet @ 202 ° from Plant axis
	W-16 (MW-20)	I	2200 feet @ 208 ° from Plant axis
	W-17 (MW-21)	I	2200 feet @ 180 ° from Plant axis
Drinking (WD)	STJ	C	9 miles NE - St. Joseph Public Intake Station
	LTW	I	0.6 mile S - Lake Twp. Public Intake Station

Table 2.2

2020 Radiological Environmental Monitoring Program Sampling Types and Locations

Exposure Pathway (Sample Type Designation)	Sample Station	Indicator/ Control	Location Description
Surface (WS)	SWL-2	I	~500 feet S of Plant Centerline – Site Boundary
	SWL-3	I	~500 feet N of Plant Centerline – Site Boundary
Sediment (SE)	SL-2	I	~500 feet S of Plant Centerline – Site Boundary
	SL-3	I	~500 feet N of Plant Centerline – Site Boundary
Ingestion			
Milk (TM)	Milk program suspended. See section 2.5.6		
Fish (FH)[1]	ONS-N	I	0.3 mile N, Lake Michigan
	ONS-S	I	0.4 mile S, Lake Michigan
	OFS-N	C	Various distances N, Lake Michigan, in areas not influenced by plant discharge.
	OFS-S	C	Various distances S, Lake Michigan, in areas not influenced by plant discharge.
Food Products (TF)**	ONS-B	I	Nearest samples to Plant in the highest D/Q land sector containing media.
	ONS-G	I	
	ONS-R	I	
	OFS2-G	C	In a land sector containing media, ~20 miles from the Plant, in one of the less prevalent D/Q land Sectors
	OFS-B	C	
Vegetation (TV) [broadleaf vegetation taken in lieu of milk or garden census] **	ONS1-V	I	3 samples of different kinds of broadleaf vegetation collected at the site boundary, within 5 mi. of the plant, in each of two different sectors with the highest annual average D/Q containing media.
	ONS2-V	I	
	ONS4-V	I	
	ONS5-V	I	
	ONS-R	I	
	OFS1-V	C	1 background sample of similar vegetation grown 10-20 miles distant in one of the less prevalent wind directions.
	OFS2-V	C	

1 Due to the transient nature of fish throughout the year due to lake temperatures and food supplies, it is acceptable to obtain fish sample from alternate locations so long as the intent of sampling fish from close to the plant site and samples of fish serving as a background exist.(as noted in PMP-6010-OSD-001, Att. 3.19)

* Samples not listed in ODCM Attachment 3.19

** See Figures 2.1, 2.2, and 2.3 for exact locations for 2020

Table 2.2

2020 Radiological Environmental Monitoring Program Sampling Types and Locations

Exposure Pathway (Sample Type Designation)	Sample Station	Location Description
Direct Radiation		
TLD	T-1	1945 feet @ 18° from Plant axis
	T-2	2338 feet @ 48° from Plant axis
	T-3	2407 feet @ 90° from Plant axis
	T-4	1852 feet @ 118° from Plant axis
	T-5	1895 feet @ 189° from Plant axis
	T-6	1917 feet @ 210° from Plant axis
	T-7	2103 feet @ 36° from Plant axis
	T-8	2208 feet @ 82° from Plant axis
	T-9	1368 feet @ 149° from Plant axis
	T-10	1390 feet @ 127° from Plant axis
	T-11	1969 feet @ 11° from Plant axis
	T-12	2292 feet @ 63° from Plant axis
	NBF	15.6 miles SSW - New Buffalo, MI
	SBN	26.2 miles SE - South Bend, IN
	DOW	24.3 miles ENE - Dowagiac, MI
	COL	18.9 miles NNE - Coloma, MI
	OFT-1	4.5 miles NE - Pole #B294-44
	OFT-2	3.6 miles NE - Stevensville Substation
	OFT-3	5.1 miles NE - Pole #B296-13
	OFT-4	4.1 miles E - Pole #B350-72
	OFT-5	4.2 miles ESE - Pole #B387-32
	OFT-6	4.9 miles SE - Pole #B426-1
	OFT-7	2.5 miles S - Bridgman Substation
	OFT-8	4.0 miles S - Pole #B424-20
	OFT-9	4.4 miles ESE - Pole #B369-214
	OFT-10	3.8 miles S - Pole #B422-99
	OFT-11	3.8 miles S - Pole #B423-12

Table 2.3

Environmental Lower Limit of Detection (LLD) Sensitivity Requirements. ODCM, Rev. 26 and 27, Attachment 3.20

Analysis	Food Prod. (pCi/kg, wet)	Water (pCi/L)	Milk (pCi/L)	Air Filter (pCi/m^3)	Fish (pCi/kg, wet)	Sediment (pCi/kg, dry)
Gross Beta		4		0.01		
H-3		2000				
Mn-54		15			130	
Co-58		15			130	
Co-60		15			130	
Fe-59		30			260	
Zn-65		30			260	
Zr-95		30				
Nb-95		15				
I-131	60	1	1	0.07		
Cs-134	60	15	15	0.06	130	150
Cs-137	60	18	18	0.06	150	180
Ba-140		60	60			
La-140		15	15			

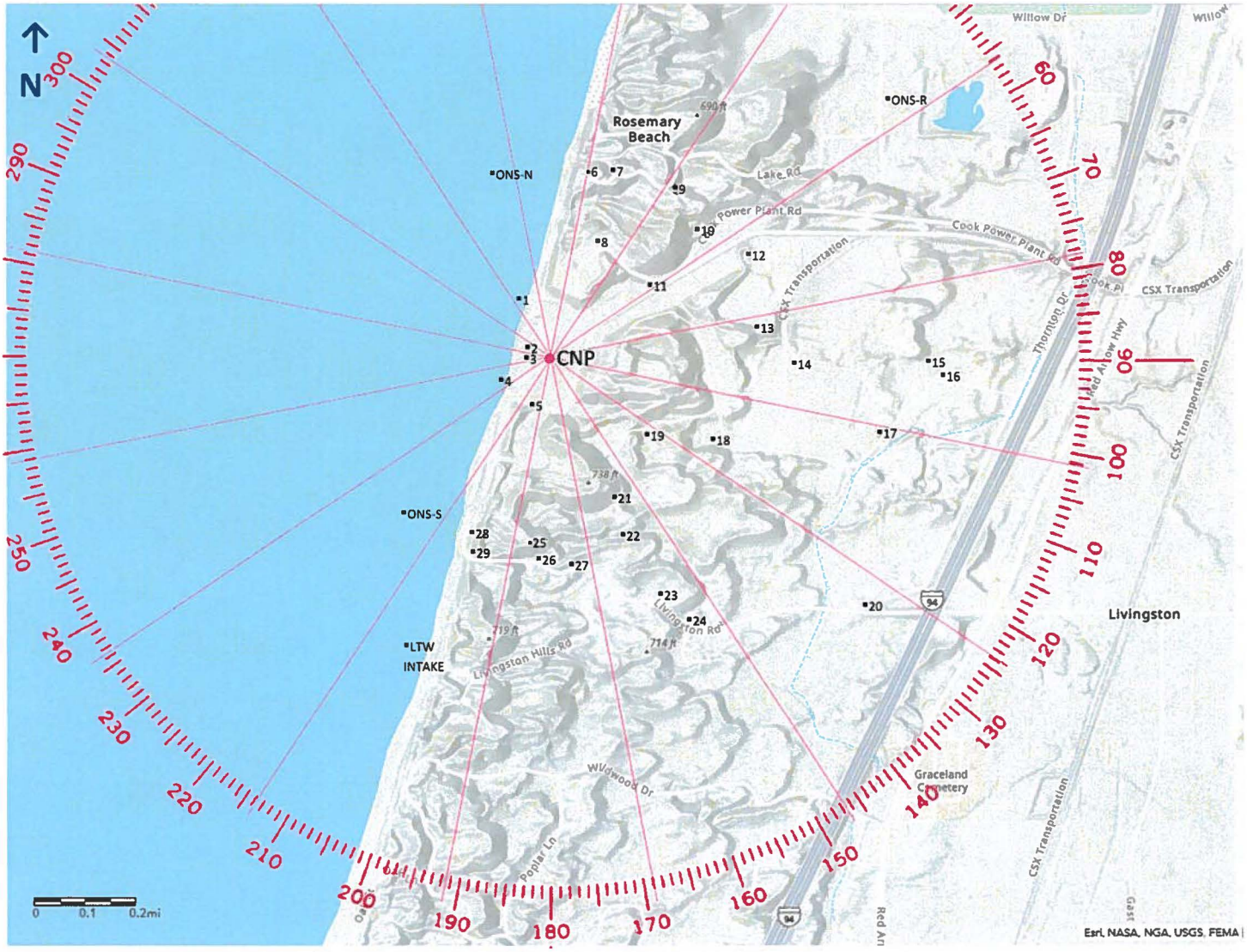
Table 2.4

Reporting Levels for Radioactivity Concentrations in Environmental Samples. ODCM Rev. 26 and 27, Attachment 3.21

Analysis	Food Prod. (pCi/kg, wet)	Water (pCi/L)	Milk (pCi/L)	Airborne Filter (pCi/m^3)	Fish (pCi/kg, wet)
H-3		20000			
Mn-54		1000			30000
Co-58		1000			30000
Co-60		300			10000
Fe-59		400			10000
Zn-65		300			20000
Zr-95		400			
Nb-95		400			
I-131	100	2	3	0.90	
Cs-134	1000	30	60	10	1000
Cs-137	2000	50	70	20	2000
Ba-140		200	300		
La-140		200	300		

Figure 2.1

Donald C. Cook Nuclear Plant Sampling Locations - 1 Mile Radius
(See Table 2.2 for information on sampling locations)

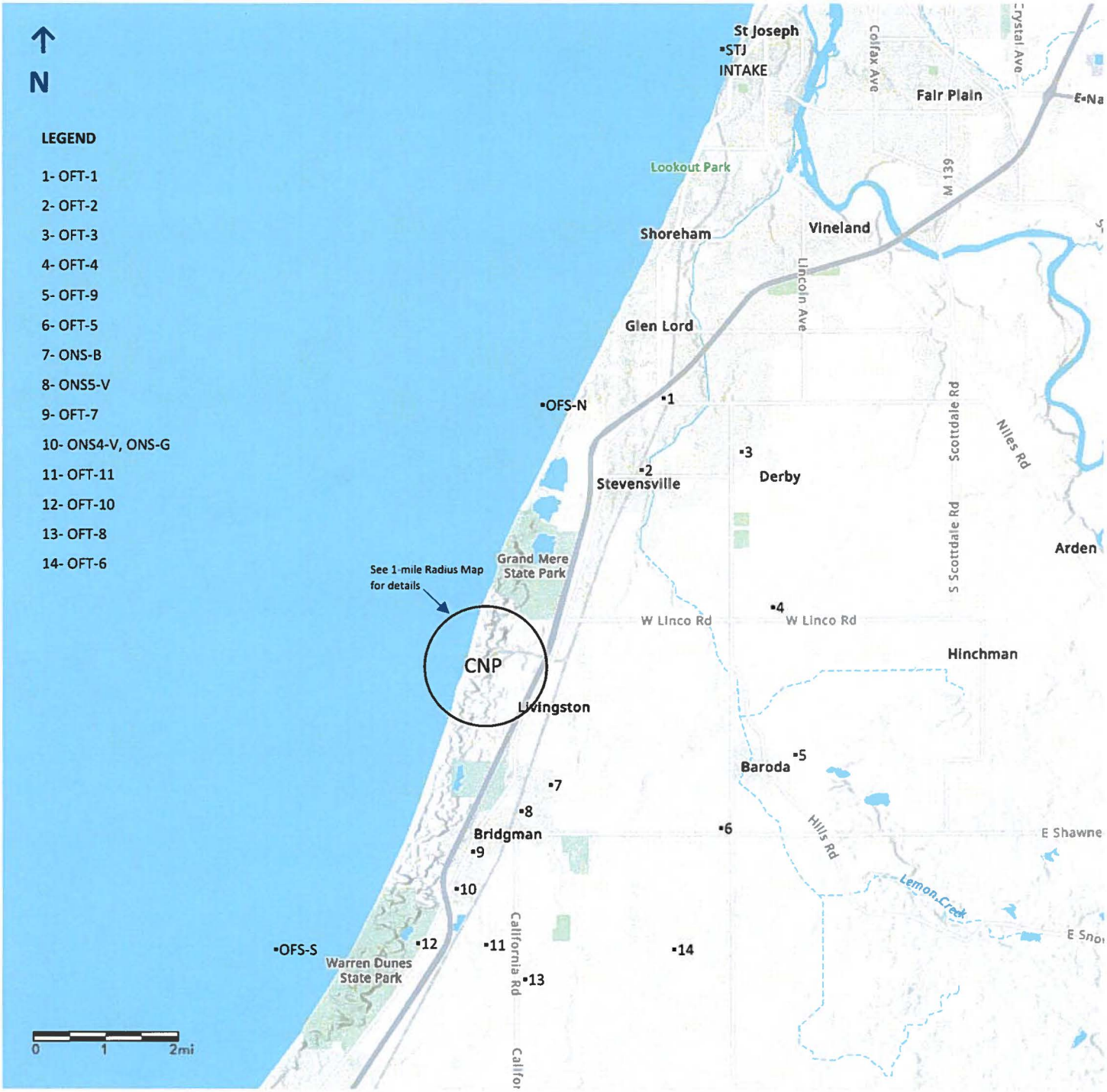


LEGEND

1- SWL-3, SL-3
2- W-4, W-5
3- W-6
4- SWL-2, SL-2
5- W-15
6- W-1, T-11
7- ONS-1, T-1
8- W-9
9- T-7
10- ONS-2, T-2
11- W-8
12- W-2, T-12
13- T-8
14- ONS-3, T-3
15- SG-2, SG-5
16- SG-1, SG-4
17- W-3
18- ONS-4, T-4
19- T-10
20- W-10
21- T-9
22- W-14
23- W-12
24- W-11
25- ONS-5, T-5, W-7
26- W-13
27- MW-21
28- ONS-6, T-6
29- MW-20

Figure 2.2

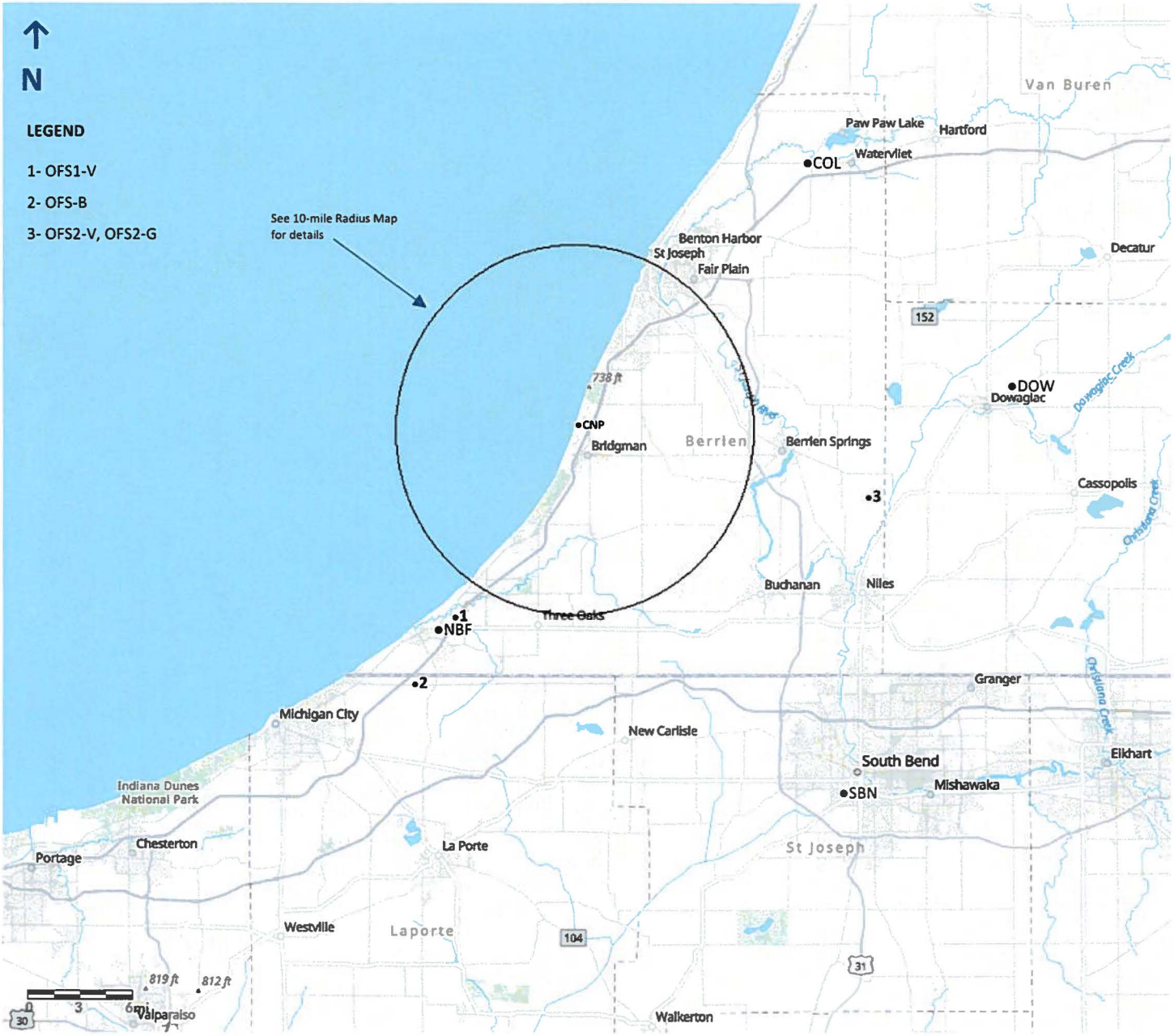
Donald C. Cook Nuclear Plant Sampling Locations - 10 Mile Radius
(See Table 2.2 for information on sampling locations)



Note: Offsite fish samples are taken at various locations and distances from the plant, in areas not influenced by plant discharge, as available.

Figure 2.3

Donald C. Cook Nuclear Plant Sampling Locations - 26 Mile Radius
(See Table 2.2 for information on sampling locations)



2.6 Samples Analyzed During 2020

Table 2.5 below summarizes the number of samples of each type analyzed during the 2020 reporting period and the number of analyses by station type for each media. A more detailed breakdown of the various analyses performed is provided in the data summary tables in Section 3, Table 3.1.

Table 2.5

REMP Samples Analyzed in 2020

Sample Type*	Number of REMP Samples		
	Total	Indicator	Control
Gamma Exposure Environmental TLD	108	92	16
Air Particulate	519	311	208
Charcoal Filter	519	311	208
Groundwater	66	66	0
Surface Water	24	24	0
Drinking Water	52	26	26
Sediment (Lake)	4	4	0
Food Products (grapes**)	7	4	3
Vegetation (broadleaf)	30	26	4
Fish	3	1	2
Total All Types	1,332	865	467

* No milk sampling locations were available. Program is currently suspended.

** Food products included grapes, blueberries and other vegetables.

3.0 RADIOLOGICAL DATA SUMMARY TABLES

This section summarizes the analytical results of the environmental samples that were collected during 2020. These results, shown in Table 3.1, are presented in a format similar to that prescribed in the NRC's Radiological Assessment Branch Technical Position on Environmental Monitoring (Reference 1). The results are ordered by sample media type and then by radionuclide for the monitoring zones described in Section 2.3. The units for each media type are also given. A summary of the data from TLD direct radiation measurements is provided in Table 3.2. The complete listing of quarterly TLD data is provided in Table 3.3.

The left-most column of Table 3.1 contains the radionuclide of interest, the total number of analyses for that radionuclide in 2020, and the number of measurements that exceeded the Reporting Levels found in Table 2.4. The latter are classified as "Non-routine" measurements. The second column lists the required Lower Limit of Detection (LLD) for those radionuclides that have detection capability requirements specified in Table 2.3. The absence of a value in this column indicates that no LLD is specified in the ODCM for that radionuclide in that media.

For each media type and radionuclide, the remaining three columns summarize the data for the following categories of monitoring locations: (1) the Indicator stations, which were within the range of influence of the plant and which could be affected by plant activities; (2) the station which had the highest mean concentration during 2020 and (3) the Control stations, which were beyond the influence of the plant. Direct radiation monitoring stations (using TLDs) were grouped into onsite and offsite stations. These are shown in Table 3.2.

In each of these columns, for each radionuclide, the following are given:

- The mean value of all concentrations including negative values and values that were not considered "detectable".
- The lowest and highest concentration.
- The number of detectable measurements divided by the total number of measurements.

A sample was considered a "detectable measurement" when the concentration exceeded its associated minimum detectable concentration (MDC). The standard deviation on each measurement 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.

The radionuclides reported in this section represent those that: (1) had an LLD requirement in Attachment 3.20 or a Reporting Level listed in Attachment 3.21 of the ODCM, (2) had a positive measurement of radioactivity, whether it was naturally-occurring or man-made, or (3) were of specific interest for any other reason.

The radionuclides that were routinely analyzed and reported by GEL Laboratory in a gamma spectroscopy analysis are found in Table 3.0.

Table 3.0

Radionuclides Analyzed and Reported Within a Gamma Spectroscopy Analysis

Nuclide	Symbol
Actinium-228*	Ac-228
Antimony-124	Sb-124
Antimony-125	Sb-125
Barium-140	Ba-140
Beryllium-7*	Be-7
Cerium-141	Ce-141
Cerium-144	Ce-144
Cesium-134	Cs-134
Cesium-137	Cs-137
Chromium-51	Cr-51
Cobalt-57	Co-57
Cobalt-58	Co-58
Cobalt-60	Co-60
Iodine-131	I-131
Iron-59	Fe-59
Lanthanum-140	La-140
Manganese-54	Mn-54
Niobium-95	Nb-95
Potassium-40*	K-40
Ruthenium-103	Ru-103
Ruthenium-106	Ru-106
Selenium-75	Se-75
Silver-108m	Ag-108m
Silver-110m	Ag-110m
Thorium-228*	Th-228
Zinc-65	Zn-65
Zirconium-95	Zr-95

* Naturally occurring

GEL Laboratories has been analyzing CNP's environmental samples since June 2010, when the AREVA Environmental Laboratory (ELAB) discontinued operations. During this transitional period there were slight differences in how the labs treated the measurement data. The main differences were the treatment of the Th-232 decay series, the Ba-140 decay series, and the Zr-95 decay series. Where the AREVA ELAB used one daughter radionuclide to infer the decay series, GEL Labs measures each of the radionuclides independently. Both analysis methods meet or exceed the reporting requirements, as detailed in the ODCM. One other important difference between the laboratories' analysis methods is the determination of a statistically significant positive concentration. The AREVA ELAB had historically flagged concentrations above three times the uncertainty in the measurement, or 3σ. GEL Labs maintains a check on concentrations above the MDC.

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

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

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
BETA	519 0	0.01	3.26E-2 (1.61 - 6.07) E -2 (311/311)	ONS-2	3.32E-2 (1.64 - 5.61) E -2 (52/52)	3.27E-2 (1.66 - 6.64) E -2 (208/208)
Be-7	40 0		1.31E-1 (5.96 - 24.4) E -2 (24/24)	ONS-4	1.49E-1 (0.653 - 2.44) E -1 (4/4)	1.28E-1 (6.0 - 18.9) E -2 (16/16)
K-40	40 0		7.32E-4 (-1.56 - 5.06) E -3 (1/24)	ONS-1	1.85E-3 (-0.20 - 5.06) E -3 (1/4)	7.59E-4 (-1.57 - 4.85) E -3 (2/16)
Cr-51	40 0		-6.24E-4 (-10.5 - 5.47) E -3 (0/24)	ONS-4	3.00E-3 (0.59 - 6.73) E -3 (0/4)	-1.72E-4 (-6.91 - 6.73) E -3 (0/16)
Mn-54	40 0		2.80E-5 (-0.62 - 3.15) E -4 (0/24)	ONS-2	7.82E-5 (-0.28 - 1.49) E -4 (0/4)	2.32E-5 (-0.62 - 3.15) E -4 (0/16)
Co-57	40 0		7.54E-7 (-0.76 - 1.03) E -4 (0/24)	ONS-4	4.38E-5 (2.56 - 6.05) E -5 (0/4)	-1.48E-5 (-9.63 - 5.65) E -5 (0/16)
Co-58	40 0		6.26E-5 (-2.40 - 3.71) E -4 (0/24)	ONS-2	1.73E-4 (-0.44 - 3.71) E -4 (0/4)	6.50E-5 (-2.41 - 4.82) E -4 (0/16)
Fe-59	40 0		4.60E-5 (-1.41 - 1.15) E -3 (0/24)	ONS-2	4.08E-4 (-0.20 - 1.15) E-3 (0/4)	-1.91E-5 (-9.77 - 4.70) E -4 (0/16)
Co-60	40 0		1.31E-5 (-1.46 - 2.96) E -4 (0/24)	DOW	9.22E-5 (-0.42 - 3.56) E-4 (0/4)	3.30E-5 (-0.071 - 3.56) E -4 (0/16)
Zn-65	40 0		-3.44E-5 (-4.34 - 3.25) E -4	ONS-2	9.28E-5 (-1.13 - 3.25) E -4 (0/4)	-4.55E-5 (-3.17 - 2.83) E -4 (0/16)
Se-75	40 0		-1.72E-5 (-3.29 - 2.07) E -4 (0/24)	ONS-2	8.76E-5 (0.05 - 1.53) E -4 (0/4)	-2.73E-5 (-2.32 - 3.23) E -4 (0/16)
Nb-95	40 0		8.07E-5 (-1.99 - 4.63) E -4 (0/24)	ONS-2	1.91E-4 (0.30 - 4.63) E -4 (0/4)	7.91E-6 (-2.41 - 2.38) E -4 (0/16)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

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

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Zr-95	40 0		2.46E-5 (-6.30 - 6.80) E -4 (0/24)	ONS-3	2.09E-4 (-1.04 - 6.80) E -4 (0/4)	7.84E-6 (-4.23 - 7.87) E -4 (0/16)
Ru-103	40 0		7.92E-5 (-6.03 - 12.2) E -4 (0/24)	ONS-2	4.22E-4 (9.58 - 122) E -5 (0/4)	2.40E-5 (-3.38 - 3.45) E -4 (0/16)
Ru-106	40 0		5.61E-5 (-6.03 - 18.3) E -4 (0/24)	ONS-6	6.67E-4 (3.32 - 131) E -5 (0/4)	1.58E-4 (-1.24 - 1.37) E -3 (0/16)
Ag-108m	40 0		-1.28E-5 (-1.53 - 1.12) E -4 (0/24)	ONS-3	1.56E-5 (-1.05 - 1.12) E -4 (0/4)	-1.01E-5 (-1.31 - 1.38) E -4 (0/16)
Ag-110m	40 0		4.22E-6 (-2.50 - 1.47) E -4 (0/24)	ONS-4	7.85E-5 (-9.48 - 57.1) E -4 (0/4)	4.22E-6 (-2.50 - 1.47) E -4 (0/16)
Sb-124	40 0		-3.42E-5 (-9.75 - 7.41) E -4 (0/24)	ONS-1	1.67E-4 (-3.25 - 30.5) E -5 (0/4)	-2.21E-4 (-14.5 - 6.11) E -4 (0/16)
Sb-125	40 0		3.44E-6 (-2.43 - 2.89) E -4 (0/24)	NBF	1.50E-4 (1.03 - 547) E -6 (0/4)	6.79E-5 (-2.30 - 5.47) E -4 (0/16)
I-131	40 0	0.07	-1.21E-2 (-16.0 - 9.03) E -2 (0/24)	NBF	3.76E-2 (-6.91 - 129) E -3 (0/4)	1.96E-2 (-1.22 - 12.9) E -2 (0/16)
Cs-134	40 0	0.06	2.34E-5 (-1.50 - 1.35) E -4 (0/24)	ONS-3	6.39E-5 (-4.29 - 135) E -6 (0/4)	-5.49E-5 (-16.7 - 9.37) E -5 (0/16)
Cs-137	40 0	0.06	2.08E-5 (-6.05 - 22.7) E -5 (0/24)	ONS-4	6.14E-5 (1.04 - 15.6) E -4 (0/4)	1.26E-5 (-1.13 - 2.91) E -4 (0/16)
Ba-140	40 0		5.70E-3 (-2.36 - 2.19) E -2 (0/24)	COL	1.56E-2 (-5.30 - 462) E -4 (0/4)	1.01E-2 (-4.13 - 4.62) E -2 (0/16)
La-140	40 0		-1.04E-3 (-16.1 - 9.86) E-3 (0/24)	ONS-6	3.83E-3 (-3.74 - 9.86) E -3 (0/4)	-3.31E-3 (-3.31 - 1.09) E -2 (0/16)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

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

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ce-141	40 0		-2.65E-4 (-12.5 - 6.63) E -4 (0/24)	COL	1.27E-4 (-1.92 - 4.41) E -4 (0/4)	-2.16E-5 (-7.12 - 8.21) E -4 (0/16)
Ce-144	40 0		-1.91E-5 (-7.68 - 7.82) E -4 (0/24)	ONS-6	2.30E-4 (-1.98 - 7.82) E -4 (0/4)	-5.10E-5 (-3.44 - 5.79) E -4 (0/16)
Ac-228	40 0		4.99E-5 (-7.07 - 14.0) E -4 (0/24)	ONS-4	6.23E-4 (-2.02 - 14.0) E -4 (0/4)	-2.31E-4 (-12.3 - 9.60) E -4 (0/16)
Th-228	40 0		2.39E-5 (-2.83 - 2.42) E -4 (0/24)	SBN	1.77E-4 (1.86 - 26.9) E-5 (0/4)	9.90E-5 (-2.62 - 6.07) E -4 (0/16)

* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM
** The fraction of sample analysis yielding detectable measurements (i.e., > MDC) is shown in parentheses.
*** Mean value is set to 0.0E 0 for calculated mean values with exponent less than E-06.

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

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

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
I-131	519 0	0.07	3.39E-4 (-6.79 - 8.57) E -3 (0/311)	ONS-1	9.48E-4 (-5.03 - 8.57) E -3 (0/52)	3.19E-4 (-11.6 - 9.64) E -3 (0/208)

* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM
** The fraction of sample analysis yielding detectable measurements (i.e., > MDC) is shown in parentheses.
*** Mean value is set to 0.0E 0 for calculated mean values with exponent less than E-06.

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Be-7	3 0		7.22E 1 (0/1)	ONS-S	7.22E 1 (0/1)	-7.66E 0 (-11.5 - -3.81) E 0 (0/2)
K-40	3 0		2.79E 3 (1/1)	ONS-S	2.79E 3 (1/1)	2.75E 3 (2.55 - 2.94) E 3 (2/2)
Cr-51	3 0		-1.89E 0 (0/1)	OFS- S	7.75E 0 (-5.8 - 21.3) E 0 (0/2)	7.75E 0 (-5.8 - 21.3) E 0 (0/2)
Mn-54	3 0	130	-1.21E 0 (0/1)	OFS-S	1.79E 0 (-1.33 - 4.91) E 0 (0/2)	1.79E 0 (-1.33 - 4.91) E 0 (0/2)
Co-57	3 0		5.49E -1 (0/1)	ONS-S	5.49E -1 (0/1)	2.93E -1 (2.11 - 3.74) E -1 (0/2)
Co-58	3 0	130	1.20E 0 (0/1)	ONS-S	1.20E 0 (0/1)	9.20E -1 (0.06 - 1.78) E 0 (0/2)
Fe-59	3 0	260	-2.05E 0 (0/1)	OFS-S	7.75E 0 (-5.8 - 21.3) E 0 (0/2)	7.75E 0 (-5.8 - 21.3) E 0 (0/2)
Co-60	3 0	130	-1.73E 0 (0/1)	OFS-S	5.71E 0 (-0.9 - 12.3) E 0 (0/2)	5.71E 0 (-0.9 - 12.3) E 0 (0/2)
Zn-65	3 0	260	-1.34E 0 (0/1)	ONS-S	-1.34E 0 (0/1)	-3.35E 0 (-6.3 - 0.4) E 0 (0/2)
Se-75	3 0		-3.36E 0 (0/1)	OFS-N	2.99E 0 (1.3 - 4.7) E 0 (0/2)	2.99E 0 (1.3 - 4.7) E 0 (0/2)
Nb-95	3 0		1.29E 0 (0/1)	ONS-S	1.29E 0 (0/1)	3.80E -1 (-1.2 - 2.0) E 0 (0/2)
Zr-95	3 0		-1.64E 0 (0/1)	ONS-S	-1.64E 0 (0/1)	-1.74E 0 (-5.1 - 1.6) E 0 (0/2)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ru-103	3 0		2.00E 0 (0/1)	ONS-S	2.00E 0 (0/1)	1.23E 0 (0.7 - 1.8) E 0 (0/2)
Ru-106	3 0		1.17E 1 (0/1)	ONS-S	1.17E 1 (0/1)	1.23E 0 (-1.9 - 2.6) E 1 (0/2)
Ag-108m	3 0		-5.49E -1 (0/1)	ONS-S	-5.49E -1 (0/1)	-7.41E -1 (-1.8 - 0.3) E 0 (0/2)
Ag-110m	3 0		-2.36E 0 (0/1)	OFS-S	2.10E 0 (0.4 - 3.8) E 0 (0/2)	2.10E 0 (0.4 - 3.8) E 0 (0/2)
Sb-124	3 0		-1.32E 1 (0/1)	OFS-N	-1.33E 0 (-3.6 - 0.9) E 0 (0/2)	-1.33E 0 (-3.6 - 0.9) E 0 (0/2)
Sb-125	3 0		1.05E 1 (0/1)	ONS-S	1.05E 1 (0/1)	5.00E -3 (-5.2 - 5.2) E 0 (0/2)
I-131	3 0		1.06E 0 (0/1)	ONS-S	1.06E 0 (0/1)	-1.68E 0 (-2 - -1.4) E 0 (0/2)
Cs-134	3 0	130	-1.04E 0 (0/1)	OFS-N	-2.66E -1 (-7.9 - 2.6) E -1 (0/2)	-2.66E -1 (-7.9 - 2.6) E -1 (0/2)
Cs-137	3 0	150	4.95E 0 (0/1)	OFS-N	8.00E 0 (3.3 - 12.7) E 0) (1/2)	8.00E 0 (3.3 - 12.7) E 0) (1/2)
Ba-140	3 0		-1.97E 1 (0/1)	OFS-N	1.85E -1 (-2.2 - 2.6) E 0 (0/2)	1.85E -1 (-2.2 - 2.6) E 0 (0/2)
La-140	3 0		1.71E 0 (0/1)	ONS-S	1.71E 0 (0/1)	-1.21E 0 (-5.0 - 2.6) E 0 (0/2)
Ce-141	3 0		-4.93E 0 (0/1)	OFS-N	-2.13E 0 (-3.7 - 0.5) E 0 (0/2)	-2.13E 0 (-3.7 - 0.5) E 0 (0/2)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ce-144	3 0		2.22E 1 (0/1)	ONS-S	2.22E 1 (0/1)	7.05E -1 (-3.8 - 5.2) E 0 (0/2)
Ac-228	3 0		-1.94E 1 (0/1)	OFS-S	1.15E 1 (1.0 - 1.3) E +1 (0/2)	1.15E 1 (1.0 - 1.3) E +1 (0/2)
Th-228	3 0		2.28E 1 (0/1)	ONS-S	2.28E 1 (0/1)	7.23E 0 (5.5 - 9.0) E 0 (0/2)

* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM
** The fraction of sample analysis yielding detectable measurements (i.e., > MDC) is shown in parentheses.
*** Mean value is set to 0.0E 0 for calculated mean values with exponent less than E-06.

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Sediment (SE) UNITS: pCi/kg dry

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Be-7	4 0		3.55E 1 (-3.15 - 10.5) E 1 (0/4)	SL-3	3.68E 1 (-3.15 - 10.5) E 1 (0/2)	NO DATA
K-40	4 0		4.55E 3 (3.62 - 5.34) E 3 (4/4)	SL-2	4.61E 3 (4.58 - 4.64) E 3 (2/2)	NO DATA
Cr-51	4 0		3.08E 1 (-1.95 - 5.82) E 1 (0/4)	SL-3	5.74E 1 (5.66 - 5.82) E 1 (0/2)	NO DATA
Mn-54	4 0		-4.46E -1 (-6.48 - 4.94) E 0 (0/4)	SL-2	2.04E 0 (-0.85 - 4.94) E 0 (0/2)	NO DATA
Co-57	4 0		-9.03E -1 (-5.21 - 7.61) E 0 (0/4)	SL-3	2.02E 0 (-3.58 - 7.61) E 0 (0/2)	NO DATA
Co-58	4 0		5.96E -1 (-9.19 - 9.70) E 0 (0/4)	SL-3	5.70E 0 (1.69 -9.70) E 0 (0/2)	NO DATA
Fe-59	4 0		8.46E 0 (-8.34 - 18.5) E 0 (0/4)	SL-3	1.41E 1 (9.76 - 18.5) E 0 (0/2)	NO DATA
Co-60	4 0		-4.07E 0 (-1.78 - 1.04) E 1 (0/4)	SL-2	4.47E 0 (-1.47 - 10.4) E 0 (0/2)	NO DATA
Zn-65	4 0		8.93E 0 (-6.11 - 24.2) E 0 (0/4)	SL-3	9.05E 0 (-6.11 - 24.2) E 0 (0/2)	NO DATA
Se-75	4 0		6.37E 0 (-8.12 - 19.1) E 0 (0/4)	SL-3	1.39E 1 (8.72 - 19.1) E 0 (0/2)	NO DATA
Nb-95	4 0		-1.37E 0 (-11.7 - 7.8) E 0 (0/4)	SL-2	1.89E 0 (-4.02 - 7.8) E 0 (0/2)	NO DATA
Zr-95	4 0		-4.56E 0 (-10.9 - -0.5) E 0 (0/4)	SL-2	-3.43E 0 (-3.48 - -3.37) E 0 (0/2)	NO DATA

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Sediment (SE) UNITS: pCi/kg dry

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ru-103	4 0		3.68E -1 (-5.21 - 7.93) E 0 (0/4)	SL-3	4.73E 0 (1.52 - 7.93) E 0 (0/2)	NO DATA
Ru-106	4 0		1.88E 0 (-5.22 - 11.6) E 1 (0/4)	SL-3	3.61E 1 (-4.39 - 11.6) E 1 (0/2)	NO DATA
Ag-108m	4 0		1.88E 0 (-8.66 - 10.5) E 0 (0/4)	SL-2	9.20E -1 (-8.66 - 10.5) E 0 (0/2)	NO DATA
Ag-110m	4 0		3.54E -1 (-8.57 - 17.8) E 0 (0/4)	SL-2	7.57E 0 (-2.67 - 17.8) E 0 (0/2)	NO DATA
Sb-124	4 0		-9.45E 0 (-23.3 - 8.49) E 0 (0/4)	SL-2	3.55E 0 (-1.39 - 8.49) E 0 (0/2)	NO DATA
Sb-125	4 0		1.68E 0 (-1.41 - 1.74) E 1 (0/4)	SL-2	2.30E 0 (-1.28 - 1.74) E 1 (0/2)	NO DATA
I-131	4 0		2.28E 1 (-4.75 - 12.7) E 1 (0/4)	SL-3	6.52E 1 (3.3 - 12.7) E 1 (0/2)	NO DATA
Cs-134	4 0	150	8.84E 0 (0.22 - 13.7) E 0 (0/4)	SL-3	1.08E 1 (7.83 - 13.7) E 0 (0/2)	NO DATA
Cs-137	4 0	180	1.42E 1 (0.37 - 29.7) E 0 (0/4)	SL-3	1.50E 1 (0.37 - 297.0) E 0 (0/2)	NO DATA
Ba-140	4 0		2.39E 1 (-2.19 - 8.16) E 1 (0/4)	SL-3	5.06E 1 (1.95 - 8.16) E 1 (0/2)	NO DATA
La-140	4 0		-3.15E 0 (-2.31 - 2.34) E 1 (0/4)	SL-3	6.55E 0 (-1.03 - 2.34) E 1 (0/2)	NO DATA
Ce-141	4 0		9.20E 0 (-6.18 - 27.7) E 0 (0/4)	SL-3	1.79E 1 (8.1 - 27.7) E 0 (0/2)	NO DATA

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Sediment (SE) UNITS: pCi/kg dry

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ce-144	4		2.62E 1	SL-3	5.67E 1	NO DATA
	0		((-1.15 - 6.14) E 1		(5.2 - 6.14) E 1	
			(0/4)		(0/2)	
Ac-228	4		1.91E 2	SL-2	1.98E 2	NO DATA
	0		(1.47 - 2.48) E 2		(1.47 - 2.48) E 2	
			(0/4)		(0/2)	
Th-228	4		2.27E 2	SL-2	2.34E 2	NO DATA
	0		(2.13 - 2.39) E 2		(2.28 -2.39) E 2	
			(4/4)		(2/2)	

* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM
** The fraction of sample analysis yielding detectable measurements (i.e., > MDC) is shown in parentheses.
*** Mean value is set to 0.0E 0 for calculated mean values with exponent less than E-06.

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Food Products (TF) UNITS: pCi/kg wet

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Be-7	7 0		3.72E 1 (-2.32 - 8.79) E 1 (0/4)	OFS 1-V	1.19E 3 (1/1)	4.74E 2 (8.57 -119) E 1 (2/3)
K-40	7 0		2.06E 3 (6.21 - 34.1) E 2 (4/4)	ONS G	3.01E 3 (2.60 - 3.41) E 3 (2/2)	1.53E 3 (5.12 - 26.0) E 2 (3/3)
Cr-51	7 0		1.16E 1 (-1.51 - 5.20) E 1 (0/4)	OFS 1-V	7.83E 1 (0/1)	2.84E 1 (-1.93 - 7.83) (0/3)
Mn-54	7 0		-1.72E 0 (-2.71 - -0.54) E 0 (0/4)	OFS 1-V	5.10E 0 (0/1)	1.78E 0 (-0.68 - 5.1) E 0 (0/3)
Co-57	7 0		1.71E -2 (-1.1 - 0.98) E 0 (0/4)	OFS B	2.92E 0 (0/1)	-4.50E -1 (-3.46 - 2.92) E 0 (0/3)
Co-58	7 0		-1.25E 0 (-5.37 - 3.48) E 0 (0/4)	OFS B	3.49E 0 (0/1)	-9.22E -1 (-6.7 - 3.49) E 0 (0/3)
Fe-59	7 0		-1.83E 0 (-10.7 - 3.53) E 0 (0/4)	OFS 1-V	7.56E 0 (0/1)	1.15E 0 (-5.98 - 7.56) E 0 (0/3)
Co-60	7 0		-1.13E 0 (-5.66 - 1.03) E 0 (0/4)	OFS 1-V	7.07E 0 (0/1)	7.43E -1 (-6.56 - 7.07) E 0 (0/4)
Zn-65	7 0		-4.29E 0 (-14.5 - 1.89) E 0 (0/4)	ONS B	1.89E 0 (0/1)	-5.50E 0 (-13.7 - 1.84) E 0 (0/3)
Se-75	7 0		2.14E 0 (-0.54 - 4.17) E 0 (0/4)	ONS B	4.17E 0 (0/1)	-4.44E 0 (-7.71 - -0.46) E 0 (0/3)
Nb-95	7 0		2.73E 0 (-0.84 - 6.09) E 0 (0/4)	ONS B	5.63E 0 (0/1)	-7.43E -1 (-4.02 - 3.16) E 0 (0/3)
Zr-95	7 0		-6.50E -1 (-2.48 - 1.74) E 0 (0/4)	OFS 2-G	4.96E 0 (0/1)	-1.40E 0 (-9.34 - 4.96) E 0 (0/3)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Food Products (TF) UNITS: pCi/kg wet

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ru-103	7 0		6.25E -3 (-9.42 - 6.28) E -1 (0/4)	OFS B	4.64E 0 (0/1)	2.04E 0 (-2.18 - 4.64) E 0 (0/3)
Ru-106	7 0		-1.65E 1 (-39.1 - 4.79) E 0 (0/4)	OFS 2-G	5.42E 1 (0/01	3.14E 1 (8.94 - 54.2) E 0 (0/3)
Ag-108m	7 0		-5.75E -1 (-4.86 - 3.57) E 0 (0/4)	OFS 1-V	8.38E 0 (0/1)	1.97E 0 (-4.59 - 8.38) E 0 (0/3)
Ag-110m	7 0		2.70E 0 (-4.44 - 13.6) E 0 (0/4)	ONS B	1.36E 1 (0/1)	3.10E 0 (-0.57 - 6.16) E 0 (0/3)
Sb-124	7 0		-2.19E 0 (-1.24 - 8.97) E 0 (0/4)	OFS B	4.07E 0 (0/1)	-1.08E 0 (-7.02 - 4.07) E 0 (0/3)
Sb-125	7 0		-9.25E -1 (-7.02 - 8.18) E 0 (0/4)	ONS G	3.42E 0 (-1.32 - 8.18) E 0 (0/2)	-8.45E 0 (-27.2 - 3.34) E 0 (0/3)
I-131	7 0	60	-1.19E 0 (-26.1 -0.31) E -1 (0/4)	OFS B	2.57E 0 (0/1)	-3.73E 0 (-13.4 - 2.57) E 0 (0/3)
Cs-134	7 0	60	-1.04E 0 (-5.67 - 2.09) E 0 (0/4)	OFS B	3.21E 0 (0/1)	-3.03E -1 (-7.14 - 3.21) E 0 (0/3)
Cs-137	7 0	60	3.03E -1 (-2.89 - 3.66) E 0 (0/4)	ONS B	3.66E 0 (0/1)	-8.13E -1 (-2.96 - 3.41) E 0 (0/3)
Ba-140	7 0		-8.05E 0 (-2.87 - 2.01) E 1 (0/4)	ONS B	2.01E 1 (0/1)	-1.00E -1 (-1.39 - 1.06) E 1 (0/3)
La-140	7 0		1.02E 0 (-0.30 - 2.22) E 0 (0/4)	OFS B	3.82E 0 (0/1)	1.42E 0 (-0.26 - 3.82) E 0 (0/3)
Ce-141	7 0		6.43E -1 (-6.48 - 7.72) E 0 (0/4)	ONS B	7.72E 0 (0/1)	-1.90E 0 (-4.27 - -0.72) E 0 (0/3)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Food Products (TF) UNITS: pCi/kg wet

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ce-144	7 0		2.07E 0 (-1.93 - 1.19) E 1 (0/4)	ONS-B	1.19E 1 (0/1)	-7.11E 0 (-16.6 - 6.27) E 0 (0/3)
Ac-228	7 0		-1.84E 0 (-2.29 - 1.24) E 1 (0/4)	OFS 1-V	1.25E 2 (0/1)	4.32E 1 (0.15 - 1.25) E 2 (0/3)
Th-228	7 0		-2.75E -1 (-5.38 - 4.48) E 0 (0/4)	OFS 1-V	2.49E 1 (0/1)	1.48E 1 (0.28 - 2.49) E 1 (0/3)

* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM
** The fraction of sample analysis yielding detectable measurements (i.e., > MDC) is shown in parentheses.
*** Mean value is set to 0.0E 0 for calculated mean values with exponent less than E-06.

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Vegetation (TV) UNITS: pCi/kg wet

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Be-7	30 0		1.82E 3 (2.39 -47.7) E 2 (26/26)	OFS 1-V	2.19E 3 (7.60 - 32.0) E 2 (3/3)	2.06E 3 (6.65 - 32.0) E 2 (4/4)
K-40	30 0		3.67E 3 (1.85 - 7.26) E 3 (26/26)	ONS 5-V	4.38E 3 (2.13 - 7.26) E 3 (12/12)	1.98E 3 (3.1 - 26.5) E 2 (3/4)
Cr-51	30 0		-8.60E 0 (-15.2 - 8.88) E 1 (0/26)	OFS 2-V	3.14E 1 (0/1)	2.78E 1 (-1.92 - 7.95) E 1 (0/4)
Mn-54	30 0		2.78E 0 (-0.62 - 1.74) E 1 (0/26)	ONS 5-V	4.84E 0 (-4.48 - 15.9) E 0 (0/12)	-7.48E -1 (-7.25 - 8.36) E 0 (0/4)
Co-57	30 0		-1.81E -1 (-9.05 - 7.95) E 0 (0/26)	OFS 1-V	2.44E 0 (-3.78 - 8.15) (0/3)	-1.81E -1 (-3.78 - 8.15) E 0 (0/4)
Co-58	30 0		-1.14E 0 (-1.11 - 1.06) E 1 (0/26)	ONS 4-V	5.32E -1 (-1.11 - 1.06) E 1 (0/12)	-3.78E -1 (-2.55 - 3.19) E 0 (0/4)
Fe-59	30 0		2.04E 0 (-2.12 - 2.45) E 1 (0/26)	ONS R	3.37E 0 (-2.42 - 69.8) (0/2)	-3.73E 0 (-1.51 - 1.15) E 1 (0/4)
Co-60	30 0		3.25E 0 (-7.93 - 34.4) E 0 (0/26)	ONS 4-V	3.80E 0 (-7.93 - 34.4) E 0 (0/12)	-9.07E 0 (-19.5 - 4.06) E 0 (0/4)
Zn-65	30 0		-3.90E 0 (-3.62 - 2.18) E 1 (0/26)	OFS 1-V	1.36E 1 (-7.93 - 36.9) (0/3)	1.30E 1 (-7.93 - 36.9) E 0 (0/4)
Se-75	30 0		1.06E 0 (-1.11 - 1.24) E 1 (0/26)	OFS 1-V	8.82E 0 (1.26 - 13.7) E 0 (0/3)	3.87E 0 (-1.1 - 1.37) E 1 (0/4)
Nb-95	30 0		1.27E 0 (-9.85 - 18.8) E 0 (0/26)	ONS 4-V	2.10E 0 (-7.34 - 15.6) E 0 (12/12)	-1.64E 0 (-6.57 - 2.85) E 0 (0/4)
Zr-95	30 0		2.92E 0 (-3.12 - 10.2) E 1 (0/26)	OFS 1-V	1.14E 1 (2.73 - 19.5) E 0 (0/3)	9.48E 0 (2.73 - 19.5) E 0 (0/4)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Vegetation (TV) UNITS: pCi/kg wet

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ru-103	30 0		-6.23E -1 (-9.63 - 13.8) E 0 (0/26)	OFS 1-V	2.30E 0 (-2.09 - 6.40) E 0 (0/3)	8.18E -1 (-3.63 - 6.4) E 0 (0/4)
Ru-106	30 0		1.06E 1 (-1.19 - 1.32) E 2 (0/26)	OFS 1-V	2.12E 1 (1.30 - 3.00) E 0 (0/3)	1.51E 1 (-2.97 - 30.0) E 0 (0/4)
Ag-108m	30 0		1.64E -1 (-11.5 - 9.11) E 0 (0/26)	OFS 2-V	1.30E 1 (0/1)	6.33E 0 (0.53 - 13.0) E 0 (0/4)
Ag-110m	30 0		-2.01E -1 (-1.12 - 2.10) E 1 (0/26)	OFS 1-V	3.56E 0 (-7.63 - 12.1) E 0 (0/3)	1.90E -1 (-9.91 - 12.1) E 0 (0/4)
Sb-124	30 0		2.09E 0 (-1.74 - 2.94) E 1 (0/26)	ONS 4-V	7.24E 0 (-4.17 - 24.9) E 0 (0/12)	1.41E 0 (-4.44 - 5.19) E 0 (0/4)
Sb-125	30 0		6.75E 0 (-1.96 - 4.24) E 1 (0/26)	OFS 2-V	1.43E 1 (0/1)	5.77E 0 (-5.52 - 14.3) E 0 (0/4)
I-131	30 0	60	-1.05E -1 (-1.73 - 1.64) E 1 (0/26)	OFS 1-V	3.85E 0 (4.51 - 104) E -1 (0/3)	2.12E 0 (-3.06 - 10.4) E 0 (0/4)
Cs-134	30 0	60	1.36E 0 (-1.37 - 2.25) E 1 (0/26)	ONS 4-V	3.41E 0 (-7.34 - 22.5) E 0 (0/12)	6.53E -2 (-6.27 - 7.75) E 0 (0/4)
Cs-137	30 0	60	3.41E 0 (-1.11 - 1.75) E 1 (0/26)	OFS 2-V	2.34E 1 (0/1)	4.80E 0 (-4.58 - 23.4) E 0 (0/4)
Ba-140	30 0		-8.62E 0 (-40.8 - 9.72) E 0 (0/26)	ONS 5-V	2.70E 0 (-9.61 - 16.2) E 0 (0/12)	1.48E 0 (-2.32 - 3.22) E 1 (0/4)
La-140	30 0		-3.40E 0 (-3.02 - 2.24) E 1 (0/26)	OFS 1-V	1.57E 0 (-6.36 - 14.6) E 0 (0/3)	1.37E 0 (-6.36 - 14.6) E 0 (0/4)
Ce-141	30 0		-6.43E 0 (-42.9 - 7.5) E 0 (0/26)	ONS 5-V	-4.76E 0 (-42.9 - 5.92) E 0 (0/12)	-6.86E 0 (-13.1 - 1.72) E 0 (0/4)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Vegetation (TV) UNITS: pCi/kg wet

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ce-144	30 0		3.96E 0 (-7.3 - 5.19) E 1 (0/26)	OFS 2-V	7.35E 1 (0/1)	3.08E 1 (1.30 - 73.5) E 0 (0/4)
Ac-228	30 0		7.51E 0 (-5.91 - 10.6) E 1	OFS 2-V	1.61E 2 (0/1)	3.73E 1 (-2.06 - 16.1) E 1 (0/4)
Th-228	30 0		3.84E 0 (-3.32 - 2.99) E 1 (0/26)	ONS R	7.33E 0 (0/2)	-3.39E 0 (-1.48 - 1.07) E 1 (0/4)

* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM
** The fraction of sample analysis yielding detectable measurements (i.e., > MDC) is shown in parentheses.
*** Mean value is set to 0.0E 0 for calculated mean values with exponent less than E-06.

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Drinking Water (WD) UNITS: pCi/liter

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
BETA	52 0	4	1.08E 0 (-8.12 - 32.3) E-1 (1/26)	LTW	1.08E 0 (-8.12 - 32.3) E-1 (1/26)	8.24E -1 (-9.96 - 22.5) E-1 (0/26)
H-3	8 0	2000	-2.69E 2 (-5.09 - 2.43) E 2 (0/4)	STJ	5.75E 1 (-7.73 - 6.37) E 2 (0/4)	5.75E 1 (-7.73 - 6.37) E 2 (0/4)
Be-7	52 0		2.44E 0 (-2.25 - 3.29) E 1 (0/26)	STJ	5.40E 0 (-9.6 - 25.2) E 1 (0/26)	5.40E 0 (-9.6 - 25.2) E 1 (0/26)
K-40	52 0		1.13E 0 (5.17 - 9.05) E 1 (1/26)	LTW	1.13E 0 (5.17 - 9.05) E 1 (1/26)	-1.82E 0 (-5.65 -5.98) E 1 (0/26)
Cr-51	52 0		1.93E 0 (-1.38 - 3.22) E 1 (0/26)	LTW	1.93E 0 (-1.38 - 3.22) E 1 (0/26)	-3.34E 0 (-2.89 - 1.45) E 1 (0/26)
Mn-54	52 0	15	-2.63E -1 (-2.43 - 1.22) E 0 (0/26)	LTW	-2.63E -1 (-2.43 - 1.22) E 0 (0/26)	-3.93E -1 (-2.06 - 1.12) E 0 (0/26)
Co-57	52 0		7.59E -2 (-1.42 - 1.39) E 0 (0/26)	LTW	7.59E -2 (-1.42 - 1.39) E 0 (0/26)	5.19E -2 (-2.59 - 2.26) E 0 (0/26)
Co-58	52 0	15	-5.95E -2 (-1.88 - 2.33) E 0 (0/26)	STJ	1.74E -1 (-1.82 - 5.83) E 0 (0/26)	1.74E -1 (-1.82 - 5.83) E 0 0/26)
Fe-59	52 0	30	1.08E -1 (-3.81- 2.97) E 0 (0/26)	LTW	1.08E -1 (-3.81- 2.97) E 0 (0/26)	-3.89E -1 (-4.71 - 4.20) E 0 (0/26)
Co-60	52 0	15	2.30E -1 (1-32 - 2.10) E 0 (0/26)	LTW	2.30E -1 (1-32 - 2.10) E 0 (0/26)	2.00E -1 (-2.69 - 3.98) E 0 (0/26)
Zn-65	52 0	30	-1.07E 0 (-5.24 - 4.28) E 0 (0/26)	STJ	-3.21E -1 (-5.13 - 6.07) E 0 (0/26)	-3.21E -1 (-5.13 - 6.07) E 0 (0/26)
Se-75	52 0		3.13E -1 (-3.54 - 3.33) E 0 (0/26)	LTW	3.13E -1 (-3.54 - 3.33) E 0 (0/26)	2.77E -1 (-1.87 - 8.45) E 0 (0/26)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Drinking Water (WD) UNITS: pCi/liter

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Nb-95	52 0	15	1.57E -1 (-2.11 - 2.87) E 0 (0/26)	STJ	5.50E -1 (-1.61 - 5.63) E 0 (0/26)	5.50E -1 (-1.61 - 5.63) E 0 (0/26)
Zr-95	52 0	30	8.51E -1 (-3.9 - 7.24) E 0 (0/26)	LTW	8.51E-1 (-3.9 - 7.24) E 0 (0/26)	8.17E -1 (-1.96 - 4.24) E 0 (0/26)
Ru-106	52 0		-4.23E -1 (-1.63 - 2.78) E 1 (0/26)	STJ	2.13E 0 (-1.1 - 2.38) E 1 (0/26)	2.13E 0 (-1.1 - 2.38) E 1 (0/26)
Ag-108m	52 0		-6.06E -2 (-2.52 - 3.23) E 0 (0/26)	LTW	-6.06E -2 (-2.52 - 3.23) E 0 (0/26)	-3.09E -1 (-2.52 - 1.81) E 0 (0/26)
Ag-110m	52 0		-1.87E -1 (-2.81 - 3.41) E 0 (0/26)	STJ	-7.77E -2 (-2.51 - 3.88) E 0 (0/26)	-7.77E -2 (-2.51- 3.88) E 0 (0/26)
Sb-124	52 0		-4.36E -1 (-8.27 - 7.41) E 0 (0/26)	STJ	8.11E -1 (-7.22 - 7.74) E 0 (0/26)	8.11E -1 (-7.22 - 7.74) E 0 (0/26)
Sb-125	52 0		8.68E -1 (-8.00 - 13.9) E 0 (0/26)	LTW	8.68E -1 (-8.00 - 13.9) E 0 (0/26)	2.70E -1 (-4.07 - 7.61) E 0 (0/26)
I-131	52 0	1	4.42E -2 (-15.2 - 5.29) E -1 (0/26)	LTW	4.42E -2 (-15.2 - 5.29) E -1 (0/26)	3.71E -2 (-15.2 - 6.72) E -1 (0/26)
Cs-134	52 0	15	1.06E -1 (-2.36 - 2.68) E 0 (0/26)	STJ	1.87E -1 (-2.14 - 3.07) E 0 (0/26)	1.87E -1 (-2.14 - 3.07) E 0 (0/26)
Cs-137	52 0	18	4.77E -1 (-1.72 - 2.99) E 0 (0/26)	LTW	4.77E -1 (-1.72 - 2.99) E 0 (0/26)	1.24E -1 (-1.59 - 4.41) E 0 (0/26)
Ba-140	52 0	60	-4.14E -1 (-9.55 - 10.0) E 0 (0/26)	STJ	5.16E -1 (-8.23 - 9.32) E 0 (0/26)	5.16E -1 (-8.23 - 9.32) E 0 (0/26)

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Drinking Water (WD) UNITS: pCi/liter

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Station Mean*** Range No. Detected**	Station With Highest Mean Station	Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
La-140	52 0	15	4.52E -1 (-2.92 - 5.67) E 0 (0/26)	LTW	4.52E -1 (-2.92 - 5.67) E 0 (0/26)	-5.58E -1 (-2.45 - 1.41) E 0 (0/26)
Ce-141	52 0		-9.03E -1 (-9.76 - 7.83) E 0 (0/26)	STJ	4.06E -1 (-6.42 - 9.75) E 0 (0/26)	4.06E -1 (-6.42 - 9.75) E 0 (0/26)
Ce-144	52 0		8.13E -1 (-2.56 - 1.32) E 1 (0/26)	LTW	8.13E -1 (-2.56 - 1.32) E 1 (0/26)	6.99E -1 (-8.89 - 15.6) E 0 (0/26)
Ac-228	52 0		1.84E 0 (-1.72 - 1.4) E 1 (0/26)	LTW	1.84E 0 (-1.72 - 1.4) E 1 (0/26)	8.69E -2 (-1.43 - 2.34) E 1 (0/26)
Th-228	52 0		1.82E 0 (-6.7 - 12.0) E 0 (2/26)	LTW	1.82E 0 (-6.7 - 12.0) E 0 (2/26)	1.26E 0 (-7.29 - 5.84) E 0 (0/26)

* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM
** The fraction of sample analysis yielding detectable measurements (i.e., > MDC) is shown in parentheses.
*** Mean value is set to 0.0E 0 for calculated mean values with exponent less than E-06.

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

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

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
H-3	66 0	2000	1.74E 2 (-6.19 - 10.3) E 2 (0/66)	W-5	6.32E 2 (4.14 - 8.65) E 2 (0/3)	NO DATA
Be-7	66 0		8.95E -1 (-1.83 - 2.15) E 1 (1/66)	W-6	7.93E 0 (2.10 - 16.9) E 0 (0/3)	NO DATA
K-40	66 0		3.30E 0 (-4.5 - 7.34) E 1 (2/66)	W-13	3.05E 1 (-0.55 - 7.34) E 1 (1/5)	NO DATA
Cr-51	66 0		1.56E 0 (-2.39 - 2.76) E 1 (0/66)	W-13	9.75E 0 (-0.47 - 1.45) E 1 (0/5)	NO DATA
Mn-54	66 0	15	9.60E -2 (-2.99 - 2.51) E 0 (0/66)	W-7	1.16E 0 (0.17 - 2.51) E 0 (0/4)	NO DATA
Co-57	66 0		3.29E -1 (-2.33 - 3.12) E 0 (0/66)	W-15	1.44E 0 (0.61 - 3.12) E 0 (0/4)	NO DATA
Co-58	66 0	15	-1.87E -1 (-3.6 - 2.28) E 0 (0/66)	W-5	7.28E -1 (-0.1 - 1.67) E 0 (0/3)	NO DATA
Fe-59	66 0	30	-3.01E -1 (-6.89 - 5.01) E 0 (0/66)	W-7	1.92E 0 (-1.21 - 5.01) E 0 (0/4)	NO DATA
Co-60	66 0	15	3.26E -1 (-2.92 - 3.04) E 0 (0/66)	W-5	1.25E 0 (-0.18 - 2.45) E 0 (0/3)	NO DATA
Zn-65	66 0	30	-1.09E -1 (-7.99 - 6.36) E 0 (0/66)	W-5	1.40E 0 (-0.25 - 4.29) E 0 (0/3)	NO DATA
Se-75	66 0		1.24E -1 (-3.31 - 4.12) E 0 (0/66)	W-7	2.04E 0 (0.81 - 3.55) E 0 (0/4)	NO DATA
Nb-95	66 0	15	8.10E -2 (-3.55 - 4.48) E 0 (0/66)	W-21	1.67E 0 (-0.70 - 4.48) E 0 (0/4)	NO DATA

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

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

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Zr-95	66 0	30	2.31E -1 (-4.00 - 6.83) E 0 (0/66)	W-13	2.94E 0 (0.07 - 5.31) E 0 (0/5)	NO DATA
Ru-103	66 0		-5.39E -1 (-4.97 - 2.08) E 0 (0/66)	W-1	5.51E -1 (-0.51 - 1.86) E 0 (0/4)	NO DATA
Ru-106	66 0		1.30E 0 (-2.36 - 5.22) E 1 (0/66)	W-12	1.51E 1 (-8.19 - 52.2) E 0 (0/4)	NO DATA
Ag-108m	66 0		-1.49E -1 (-4.00 - 2.23) E 0 (0/66)	W-7	5.78E -1 (-0.47 - 1.82) E 0 (0/4)	NO DATA
Ag-110m	66 0		2.75E -1 (-3.53 - 5.72) E 0 (0/66)	W-12	2.46E 0 (0.05 - 5.31) E 0 (0/4)	NO DATA
Sb-124	66 0		-8.36E -2 (-5.11 - 4.15) E 0 (0/66)	W-8	1.10E 0 (-1.70 - 4.15) E 0 (0/4)	NO DATA
Sb-125	66 0		5.61E -1 (-9.93 - 1.36) E 1 (0/66)	W-12	3.25E 0 (0.42 - 9.20) E 0 (0/4)	NO DATA
I-131	66 0	1	-4.89E -1 (-3.76 - 4.28) E 0 (0/66)	W-7	7.89E -1 (-0.60 - 3.20) E 0 (0/4)	NO DATA
Cs-134	66 0	15	3.10E -1 (-1.79 - 4.19) E 0 (0/66)	W-3	1.99E 0 (0.77 - 4.19) E 0 (0/4)	NO DATA
Cs-137	66 0	18	1.82E -1 (-3.76 - 4.33) E 0 (0/66)	W-11	8.80E -1 (0.48 - 1.24) E 0 (0/4)	NO DATA
Ba-140	66 0	60	1.32E 0 (-1.42 - 1.18) E 1 (0/66)	W-6	6.10E 0 (2.58 - 9.87) E 0 (0/3)	NO DATA

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

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

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
La-140	66 0	15	-7.07E -2 (-5.42 - 4.34) E 0 (0/66)	W-20	1.95E 0 (-0.41 - 5.82) E 0 (0/4)	NO DATA
Ce-141	66 0		-5.05E -1 (-9.13 - 12.5) E 0 (0/66)	W-14	3.73E 0 (0.32 - 7.72) E 0 (0/4)	NO DATA
Ce-144	66 0		3.66E -1 (-1.68 - 1.58) E 1 (0/66)	W-21	7.38E 0 (1.11 - 10.7) E 0 (0/4)	NO DATA
Ac-228	66 0		2.20E -2 (-1.36 - 2.29) E 1 (1/66)	W-3	5.44E 0 (-2.43 - 9.27) E 0 (1/4)	NO DATA
Th-228	66 0		1.59E 0 (-8.20 - 11.0) E 0 (1/66)	W-13	4.72E 0 (1.98 - 8.54) E 0 (0/5)	NO DATA

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Surface Water (WS) UNITS: pCi/liter

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
H-3	8 0	2000	5.04E 1 (-8.25 - 5.14) E 2 (0/8)	SWL-2	1.56E 2 (-3.48 - 5.14) E 2 (0/4)	NO DATA
Be-7	24 0		2.24E 0 (-2.14 - 2.41) E 1 (0/24)	SWL-3	4.20E 0 (-2.14 - 2.41) E 1 (0/12)	NO DATA
K-40	24 0		3.50E 0 (-2.75 - 3.37) E 1 (0/24)	SWL-3	5.18E 0 (-1.72 - 3.37) E 1 (0/12)	NO DATA
Cr-51	24 0		3.96E 0 (-2.28 - 2.32) E 1 (0/24)	SWL-3	4.95E 0 (-2.28 - 2.32) E 1 (0/12)	NO DATA
Mn-54	24 0	15	7.97E -2 (-1.94 - 1.30) E 0 (0/24)	SWL-3	1.93E -1 (-1.94 - 1.30) E 0 (0/12)	NO DATA
Co-57	24 0		-1.25E -1 (-1.63 - 1.3) E 0 (0/24)	SWL-2	-1.62E -2 (-1.04 - 0.76) E 0 (0/12)	NO DATA
Co-58	24 0	15	-9.83E -2 (-2.02 - 1.99) E 0 (0/24)	SWL-3	2.21E -2 (-2.02 - 1.99) E 0 (0/12)	NO DATA
Fe-59	24 0	30	8.68E -2 (-5.30 - 10.8) E 0 (0/24)	SWL-3	8.58E -1 (-2.52 - 5.25) E 0 (0/12)	NO DATA
Co-60	24 0	15	2.14E -1 (-2.41 - 2.34) E 0 (0/24)	SWL-2	2.30E -1 (-1.49 - 1.2) E 0 (0/12)	NO DATA
Zn-65	24 0	30	7.15E -1 (-3.78 - 9.39) E 0 (0/24)	SWL-3	1.78E 0 (-8.26 - 9.39) E 0 (0/12)	NO DATA
Se-75	24 0		5.80E -1 (-1.63 - 7.18) E 0 (0/24)	SWL-2	9.64E -1 (-1.63 - 7.18) E 0 (0/12)	NO DATA
Nb-95	24 0	15	-1.10E -1 (-2.59 - 2.19) E 0 (0/24)	SWL-3	1.74E -1 (-1.2 - 2.19) E 0 (0/12)	NO DATA

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Surface Water (WS) UNITS: pCi/liter

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Zr-95	24 0	30	1.90E -1 (-3.09 - 5.9) E 0 (0/24)	SWL-3	6.20E -1 (-2.91 - 5.9) E 0 (0/24)	NO DATA
Ru-103	24 0		-6.27E -1 (-3.91 - 0.831) E 0 (0/24)	SWL-3	-3.88E -1 (-1.54 - 0.81) E 0 (0/12)	NO DATA
Ru-106	24 0		2.99E 0 (-1.06 - 2.63) E 1 (0/24)	SWL-2	3.55E 0 (-1.06 - 2.63) E 1 (0/12)	NO DATA
Ag-108m	24 0		1.58E -1 (-1.4 - 1.68) E 0 (0/24)	SWL-2	2.43E -1 (-0.63 - 1.68) E 0 (0/12)	NO DATA
Ag-110m	24 0		-1.76E -2 (-4.14 - 2.44) E 0 (0/24)	SWL-3	1.61E -1 (-4.14 - 2.44) E 0 (0/12)	NO DATA
Sb-124	24 0		7.51E -1 (-4.32 - 10.8) E 0 (0/24)	SWL-2	1.58E 0 (-1.79 - 10.8) E 0 (0/12)	NO DATA
Sb-125	24 0		-3.28E -1 (-5.32 - 3.14) E 0 (0/24)	SWL-2	-1.29E -1 (-4.79 - 2.36) E 0 (0/12)	NO DATA
I-131	24 0	1	5.93E - 1 (-8.61 - 12.3) E 0 (0/24)	SWL-3	1.90E 0 (-5.03 - 12.3) E 0 (0/12)	NO DATA
Cs-134	24 0	15	-1.64E -1 (-2.19 - 1.72) E 0 (0/24)	SWL-3	-1.50E -1 (-2.19 - 1.72) E 0 (0/12)	NO DATA
Cs-137	24 0	18	4.19E -1 (-1.71 - 4.68) E 0 (0/24)	SWL-3	7.14E -1 (-0.61 - 4.68) E 0 (0/12)	NO DATA
Ba-140	24 0	60	3.04E 0 (-2.48 - 2.23) E 1 (0/24)	SWL-2	5.58E 0 (-1.87 - 2.23) E 1	NO DATA
La-140	24 0	15	-3.57E -2 (-5.58 - 4.95) E 0 (0/24)	SWL-2	1.14E 0 (-3.59 - 4.95) E 0 (0/12)	NO DATA

Table 3.1
Radiological Environmental Program Summary
Donald C. Cook Nuclear Plant
(January - December 2020)

MEDIUM: Surface Water (WS) UNITS: pCi/liter

Radionuclides	(No. Analyses) Non-Routine*	Required LLD	Indicator Stations Mean*** Range No. Detected**	Station	Station With Highest Mean Mean*** Range No. Detected**	Control Station Mean*** Range No. Detected**
Ce-141	24 0		-2.36E 0 (-7.9 - 3.19) E 0 (0/24)	SWL-3	-1.08E 0 (-5.88 - 3.19) E 0 (0/12)	NO DATA
Ce-144	24 0		-2.16E -1 (-9.75 - 8.49) E 0 (0/24)	SWL-3	1.78E 0 (-4.68 - 6.9) E 0 (0/12)	NO DATA
Ac-228	24 0		3.61E -1 (-1.07 - 1.49) E 1 (0/24)	SWL-3	1.24E 0 (-1.07 - 1.16) E 1 (0/12)	NO DATA
Th-228	24 0		3.04E 0 (-2.52 - 23.6) E 0 (0/24)	SWL-2	4.51E 0 (-2.52 - 23.6) E 0 (0/12)	NO DATA

* Non-Routine refers to radionuclides exceeding the Reporting Levels in ODCM Attachment 3.21 of the ODCM
** The fraction of sample analysis yielding detectable measurements (i.e., > MDC) is shown in parentheses.
*** Mean value is set to 0.0E 0 for calculated mean values with exponent less than E-06.

Table 3.2

2020
Environmental TLD Exposure Rate Measurements

(μR/hr.)

	Onsite TLDs	Offsite and Control TLDs	Highest Mean (SBN)
Mean	5.3 ± 0.3	5.7 ± 0.3	7.3 ± 0.3
Range	4.3 – 6.5	4.4 – 8.0	6.8 - 8.0
No. of Measurements*	48	60	4

*Each measurement was based on quarterly readings from three TLD elements.
Units are μR (micro-roentgen) per hour.

Table 3.3

2020
ENVIRONMENTAL TLD DATA SUMMARY

Exposure Rate
(μR/hr. ± 1 std. dev.)

Sample Station	First Quarter	Standard deviation ±n	Second Quarter	Standard deviation ±n	Third Quarter	Standard deviation ±n	Fourth Quarter	Standard deviation ±n	Average Annual Exposure Rate
T-01	5.3	0.2	5.3	0.2	5.3	0.4	5.6	0.3	5.4
T-02	5.2	0.2	4.9	0.3	4.7	0.3	5.5	0.4	5.1
T-03	5.1	0.2	4.8	0.2	4.9	0.3	5.2	0.2	5.0
T-04	6.1	0.3	5.7	0.3	6.1	0.5	6.5	0.3	6.1
T-05	5.0	0.2	5.1	0.3	5.3	0.3	5.5	0.3	5.2
T-06	5.0	0.3	4.9	0.2	5.0	0.4	5.4	0.3	5.1
T-07	5.1	0.2	4.7	0.2	5.5	0.4	5.4	0.2	5.2
T-08	4.7	0.2	5.1	0.1	5.8	0.4	5.8	0.3	5.4
T-09	4.8	0.2	4.3	0.2	4.8	0.3	5.1	0.3	4.7
T-10	5.6	0.2	5.0	0.2	5.6	0.3	5.9	0.3	5.5
T-11	5.2	0.3	4.9	0.1	5.1	0.5	5.4	0.2	5.1
T-12	5.1	0.2	5.6	0.4	5.3	0.5	5.7	0.3	5.4
NBF	5.6	0.2	5.2	0.2	5.6	0.3	5.9	0.3	5.6
SBN	7.4	0.2	6.8	0.2	7.2	0.5	8.0	0.4	7.3
DOW	5.1	0.3	5.0	0.1	5.3	0.4	5.3	0.4	5.2
COL	4.8	0.3	4.5	0.1	4.7	0.3	5.2	0.2	4.8
OFT-1	5.2	0.4	4.9	0.3	5.3	0.3	5.6	0.2	5.3
OFT-2	5.2	0.4	4.9	0.2	5.6	0.3	5.7	0.3	5.4
OFT-3	5.3	0.2	5.2	0.1	5.6	0.3	6.1	0.3	5.5
OFT-4	5.6	0.3	5.2	0.1	6.0	0.4	6.2	0.3	5.7
OFT-5	5.5	0.3	5.3	0.4	5.3	0.4	5.7	0.4	5.5
OFT-6	6.5	0.3	6.3	0.3	7.0	0.5	7.4	0.3	6.8
OFT-7	5.1	0.5	4.4	0.2	4.7	0.4	5.1	0.2	4.8
OFT-8	6.4	0.3	6.0	0.2	6.7	0.4	6.7	0.3	6.4
OFT-9	5.9	0.2	5.4	0.2	5.9	0.3	6.0	0.3	5.8
OFT-10	5.6	0.2	4.8	0.2	5.8	0.3	5.6	0.3	5.4
OFT-11	6.2	0.2	5.8	0.2	6.3	0.3	6.5	0.3	6.2

4.0 ANALYSIS OF ENVIRONMENTAL RESULTS

4.1 Sampling Program Deviations

The ODCM states in Section 3.5 that the environmental sampling and analysis program shall be conducted as specified in Attachment 3.19 at the locations specified in the same attachment. Deviations are permitted from the required sampling schedule if specimens are unobtainable due to hazardous conditions, seasonal unavailability, or malfunction of automatic sampling equipment. If specimens are unobtainable due to sampling equipment malfunction, every effort shall be made to complete corrective action prior to the end of the next sampling period.

All deviations from the sampling schedule shall be documented in the Annual Radiological Environmental Operating Report pursuant to Section 3.5.2 of the ODCM. In addition, sampling program deviations are documented in Data Sheet 1, Documentation of Unavailable Samples, of CNP procedure 12-THP-6010-RPP-643, Quarterly Review of Radiological Environmental Monitoring Program (REMP) Data, with an Action Request (AR) or General Tracker (GT) to track and trend.

The following deviations were noted for the 2020 sampling program:

1. 1/1/2020 through 12/31/2020: The required indicator milk samples (minimum of three) were not collected due to the retirement of farm operators and inability to locate suitable replacement farms. The milk program continued to be suspended in 2020. This has been the case since 2010. GT 00102954-01 documents this event and the commencement of broadleaf sampling in lieu of milk. AR 2011-13312 was initiated in November of 2011 to validate the adequacy of the broadleaf sampling program. The Land Use Census, performed annually by CNP, is used to identify dairy farms. However, no new dairy farms were identified in 2020. Broadleaf sampling in lieu of milk was performed.
2. During the first quarter of 2020: Some surface water samples were unable to be taken due to environmental conditions (ice buildup on the lake). On two occasions in January, eight in February and one in March.
3. Two samples of W-13 were taken during the first quarter due to damage sustained during shipment to the first sample container. Both results are included in this report.
4. Second Quarter 2020: Samples for GW wells 4-6 were not obtained during this quarter due to COVID-19 restrictions and resources. Samples were obtained early in the third quarter and were all <LLD. Surface water samples were not collected on one occasion.
5. During the third quarter, a strong "Derecho" wind storm knocked down power lines and ONS-5 lost power. Flow sampler volume collected was not enough for a viable sample.
6. During the third quarter of 2020 unsafe conditions prevented the collection of surface water samples on one occasion.
7. During the fourth quarter of 2020 unsafe conditions prevented the collection of surface water samples on three occasions.

8. During 2020, only three fish samples were collected. Five attempts to collect fish were made but no fish were able to be collected. Additionally, COVID-19 precluded the opportunity to fish more often or in tours. An Action Request entry in CNP's database was made to document these efforts.

4.2 Comparison of Achieved LLD with Requirements

Attachment 3.20 from the ODCM (Table 2.3 in this report) lists the Lower Limits of Detection (LLDs) requirements for routine environmental sample analyses. The LLD's are "a priori" (before the fact) commitments to ensure measurements meet criteria for the ability of a system to detect small amounts of radioactivity. The Minimum Detectable Concentration (MDC) is calculated by the laboratory for a given measurement. The MDC is an "a posteriori" (after the fact) evaluation that quantifies the smallest activity that can be measured with the actual sample and system parameters. The MDC is compared to the LLD to ensure compliance to the requirements is achieved. Appendix D includes flags in the far right hand margin for any occurrences of exceeded MDC's.

As discussed in Section 3.5.2 Bases of the ODCM, on occasion, an LLD may not be achieved due to situations such as a low sample volume. In such a case, the ODCM requires the identification and discussion of the contributing factors in the Annual Radiological Environmental Operating Report. These factors are summarized below.

There were no missed LLD's in 2020.

4.3 Results Compared Against Reporting Levels

ODCM Section 3.5.2 requires a discussion in the Annual Radiological Environmental Operating Report of any instance that a radionuclide concentration exceeds the reporting levels given in Attachment 3.21 (Table 2.4 in this report). Reporting Levels are the environmental concentrations that relate to the As Low as Reasonably Achievable (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.

No Reporting Levels were exceeded in 2020.

4.4 Data Analysis by Media Type – Discussion

The 2020 REMP data for each media type are discussed below. Graphical plots of monitoring data are also shown in Figures 4.1 to 4.7. Details of results of gamma isotopic analyses are listed in Table 3.1 and full details of all measurements are in Appendix D.

4.4.1 Air Particulate

Air particulates were collected weekly on 47 mm particulate filters at six indicator locations and four control locations, and analyzed for gross beta radioactivity. On a quarterly basis, a gamma isotopic analysis was performed on the composite of each location's weekly particulate sample media.

Figure 4.1 shows the gross beta concentrations in air particulate filters collected for the operating period of the past ten years (2011-2020). Gross beta concentrations were detectable on all particulate samples, both indicator and control locations.

There was a discernible increase in the counts at all stations starting in the middle of 2010 and continuing through 2012. When an average AREVA ELAB response, on a monthly basis is compared to the average GEL response, there is an average increase of approximately 40%. It should be noted that this increase was found in both control samples as well as indicators, and followed the historical trending over the course of the year. This relative increase is attributed to differences in analytical method between the AREVA ELAB (historical data before the second half of 2010) and GEL, (since the second half of 2010 through 2020). 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 uses a Tc-99 calibration source. In the case of the AREVA data record, the Cs-137 detection efficiency (approximately 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 (21%) is applied to the same "gross" counts as if the entire radioactivity in this case is Tc-99. The 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, and the curves indicate that there is no detectable influence from a single nearby point source such as the CNP.

It can be seen in Figure 4.1 that the annual average gross beta air particulate counts from 2012-2013 and from 2013-2014 exhibit a 20% decrease in both indicator and control locations, each year. No plant related radionuclides were detected on the air particulate composite filters indicating that the changes in the gross beta activity are likely due to naturally-occurring radionuclides. Air particulate activity sampling can depend upon local weather conditions, global weather patterns as well as sampling methodology. Possible sources of this change to average trend line could be:

- Unusually harsh weather conditions experienced locally which would lock potential airborne radioactivity in frozen soil or under snow,

- Changes (increases) in the local average rainfall which would reduce the amount of airborne particulates available to influence the air particulate samples,

- Changes in global weather patterns affecting transportation of suspended airborne particulates and deposition due to washout mechanisms, or

- A decrease in the source of manmade background sources, such as past atmospheric nuclear weapons testing or nuclear accidents such as those at Fukushima Daiichi.

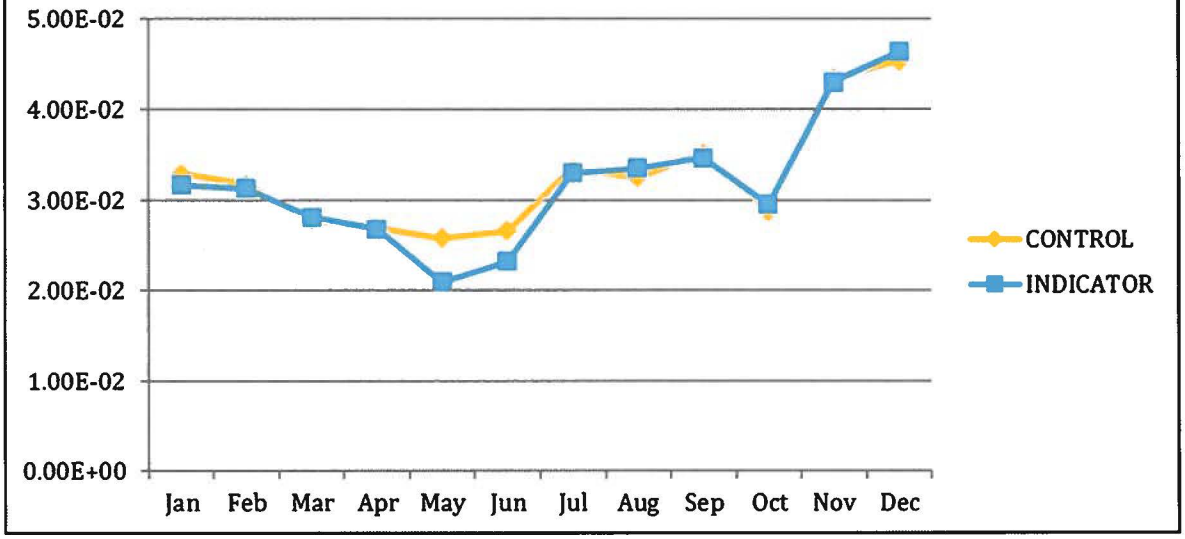
Notable in the graph, shown in Figure 4.2, is a distinct annual cycle. The gross beta concentration fluctuations over the year were attributed to seasonal changes in the naturally-occurring airborne radioactivity levels. This conclusion was based on the similarity in fluctuations noted in gross beta concentrations at both the indicator stations and control stations.

Results for gamma isotopic analyses performed on quarterly composites of the weekly particulate samples have been listed in Table 3.1. The presence of naturally-occurring Be-7 was detected in all of the indicator and control samples, and naturally-occurring K-40 was detected in one indicator sample and two control samples. No other radionuclides were detected in the quarterly composites of the weekly air particulate samples.

In summary, the information detailed above was evaluated and found to be consistent with data obtained during the conduct of CNP's "Pre-Operational Radiological Monitoring Program" (PRMP) [see Appendix E]. Also, no significant difference was noted between the average monthly gross beta concentration at the indicator and the control stations. Therefore, the results were not due to plant operations.

Figure 4.1
Mean Annual Gross Beta Concentration in Air Particulate Samples
Collected over 10 Years

Figure 4.2
2020 Mean Monthly Gross Beta Concentration in Air Particulate Samples



4.4.2 Airborne Iodine

Airborne iodine sample media were collected weekly in conjunction with the air particulate sample media replacement. These media were analyzed for Iodine-131.

No Iodine was detected above the MDC in 2020. Full details of all measurements can be found in Appendix D.

The information detailed above was evaluated and found to be consistent with data obtained during the conduct of CNP's PRMP.

4.4.3 Groundwater (Well)

Groundwater samples were collected from seventeen well locations on a quarterly frequency and analyzed for gamma isotopic and tritium [See Table 3.1].

The presence of K-40 was identified in two samples out of sixty-six samples. Be-7, Th-228 and Ac-228 were also present each in one sample. The presence of these radionuclides in groundwater samples is attributed to natural occurrences since they are not fission or activation products related to plant operations.

Tritium was not detected above the associated MDC in any 2020 groundwater sample.

Figure 4.3 and 4.4 plot the measured activity of tritium when detected at levels above the MDC. For years where no tritium was detected above the MDC, no values were plotted.

While ground water sampling was not performed as part of CNP's PRMP, the information detailed above was evaluated and found to be consistent with data obtained during the plant's operational history. Therefore, the results were not due to plant operations.

Figure 4.3
Tritium Detected in Groundwater 2011-2020
W1-W8

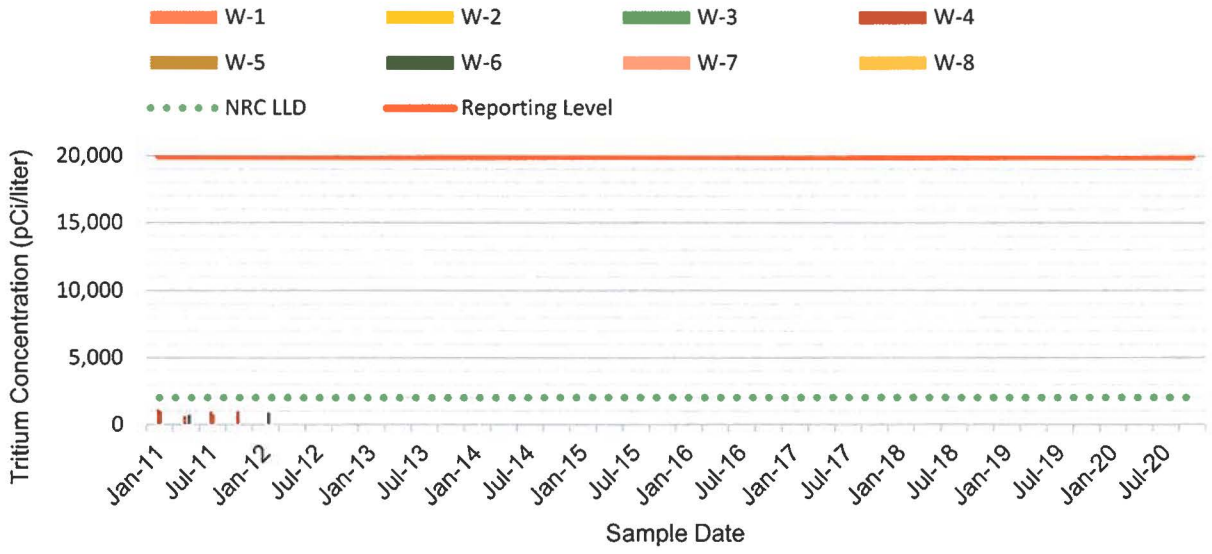
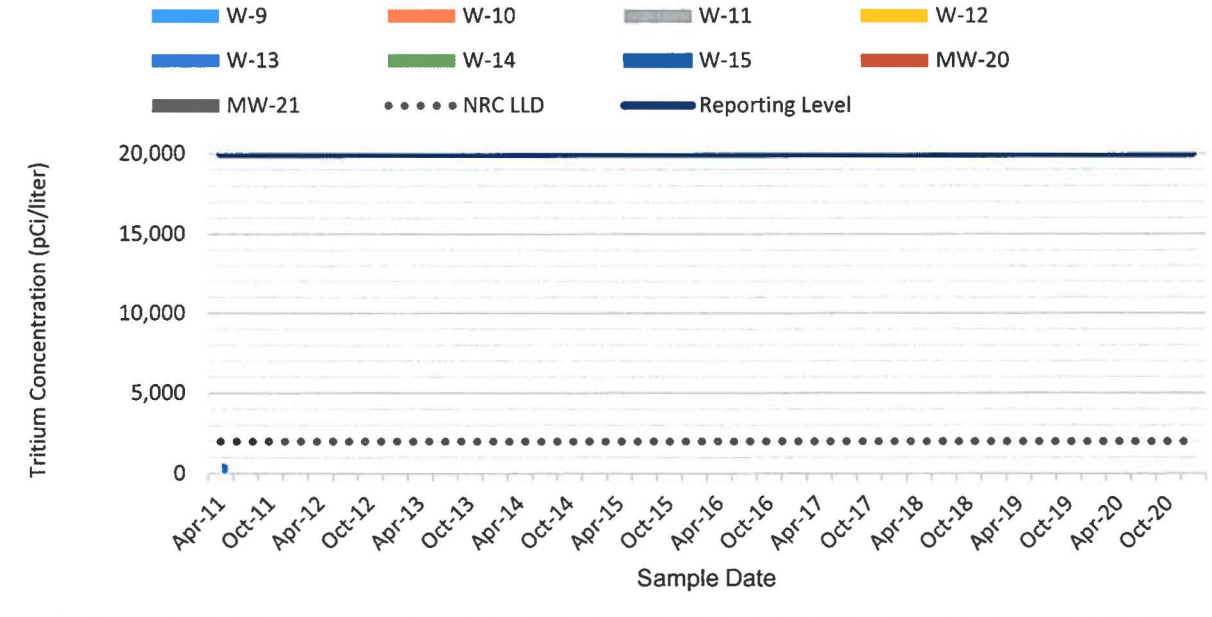


Figure 4.4
Tritium Detected in Groundwater 2011-2020
W9-W15, MW20, MW21



4.4.4 Drinking Water

Drinking water samples were collected daily from one indicator and one control station. A 14-day composite was analyzed for gamma isotopic and gross beta radioactivity. A quarterly composite was analyzed for tritium.

A specific Iodine-131 low-level analysis performed on all samples indicated that no Iodine-131 was present.

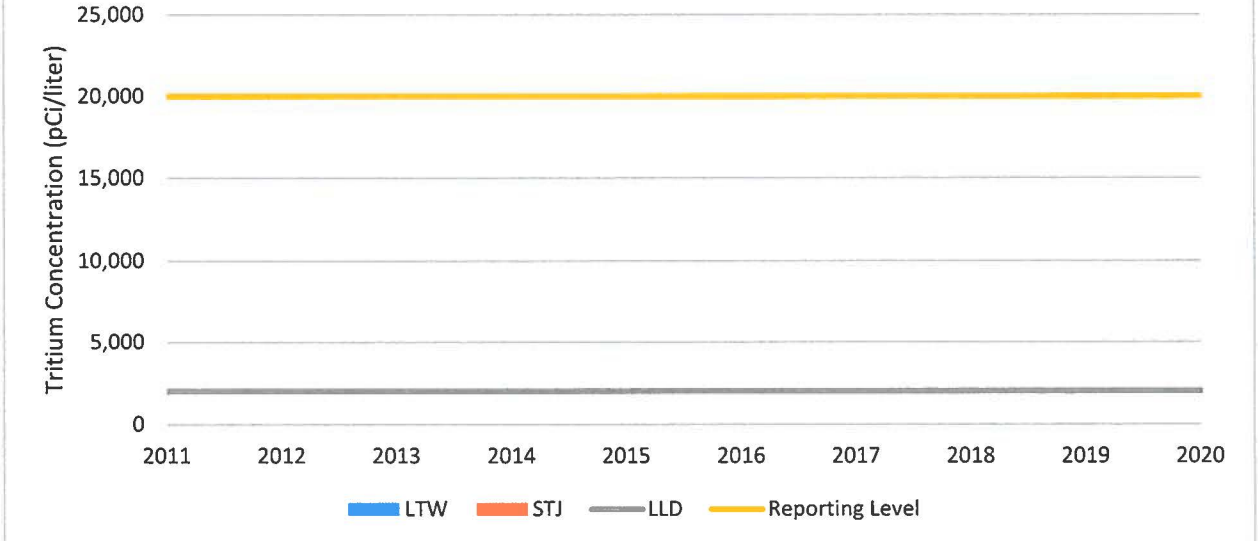
Figure 4.5 shows a plot of the tritium data going back 10 years. Only measurements that were detected at levels above the MDC were plotted. No tritium was detected in drinking water samples in 2020

During 2020, the presence of gross beta radioactivity was not identified in any indicator or control samples.

No gamma emitting radionuclides were detected above the MDC.

While drinking water sampling was not performed as part of CNP's PRMP, the information detailed above was evaluated and found to be consistent with data obtained during the plant's operational history.

Figure 4.5
Tritium in Detected Drinking Water Over the Past 10 Years



4.4.5 Surface Water

Surface water samples were collected daily from two indicator locations, when available (See section 4.1 for sampling program deviations). Monthly composites were analyzed for gamma-emitting radionuclides and quarterly composites were analyzed for tritium. No gamma-emitting radionuclides or tritium were detected above the MDC in any of the samples collected in 2020.

The information detailed above was evaluated and found to be consistent with data obtained during past operational periods and the conduct of CNP's PRMP. There was no impact to this sample medium from plant operations in 2020.

4.4.6 Sediment

Semiannual samples of lake sediments were collected from two indicator stations and analyzed for gamma-emitting nuclides. During 2020, K-40 and Th-228 were detected in all four samples. These radionuclides are all naturally-occurring with Th-228 being associated with the naturally-occurring thorium decay series. No other gamma-emitting nuclides were detected in any of the samples collected in 2020. Unlike many past operational and pre-operational periods where traces of Cs-137 were found, no detectable Cs-137 was identified in 2020 samples [See Table 3.1].

The information detailed above was evaluated and found to be consistent with data obtained during the conduct of CNP's PRMP and the presence of naturally-occurring radionuclides (K-40 and Th-228) was not attributed to plant operation.

4.4.7 Milk

Milk samples were not collected during 2020, as milking operations ceased at the indicator farm (Shafer) in September 2014, and at the control farm (Livinghouse) in October 2014.

Condition Reports 04351048 and AR 2011-13312-1 had previously been written to document the milk farm events and to validate the adequacy of the broadleaf and milk sampling process.

4.4.8 Food Products & Vegetation

Vegetation samples (broadleaf) analyzed for gamma-emitting nuclides identified the presence of naturally-occurring Be-7 in all samples from both indicator and control locations. All indicator samples and three of four control samples also contained naturally occurring K-40. No other gamma-emitting nuclides were detected in any of the samples collected in 2020.

All annual samples of food products each from four indicators and three control locations were analyzed for gamma-emitting nuclides. Analysis identified the presence of naturally-occurring K-40 in all samples. Be-7 was

present in two control samples. No other gamma-emitting nuclides were detected in any of the samples collected in 2020. While food product sampling was not performed as part of CNP's PRMP, the information detailed above was evaluated and found to be consistent with data obtained during the plant's operational history. The presence of the naturally-occurring detected radionuclide was not attributed to plant operations.

4.4.9 Fish

REMP fish samples were collected on three occasions at one indicator location and two control locations (see Section 4.1 for sampling program deviations). Other fishing attempts did not produce any fish due to unseasonably warm lake temperatures. All three samples were of sport fish. K-40 was detected in all the samples. A trace level of Cesium-137 was observed in one control sample, with a concentration of 12.7 pCi/kg. In the past, non-REMP perch, salmon, and trout sampling was performed. Due to the change in 2019 from gill net to hook and line fishing, and the fact that all REMP samples were of edible sport fish, no additional non-REMP sport fish samples were taken. An entry was made into the action tracking program to document the change in fishing process during 2019, the potential it has to change how many samples are collected, but that all samples will be sportfish. The entry also noted applicable procedures have been revised to permit this change in fishing method. Additionally, during 2020, fishing trips could not be organized due to Covid-19. This fish sample shortage was documented via an Action Request entered in CNP's database (AR 2020-8131).

The information detailed above was evaluated and found to be consistent with data obtained during the conduct of CNP's PRMP and during the plant's operational history. With the historical detection of similar trace levels of radioactivity in both the indicator and control samples, the presence of the detected radionuclides was not attributed to plant operation.

4.4.10 Gamma Exposure Rate

Direct radiation was continuously measured at 27 locations surrounding CNP with TLDs. All TLDs were collected quarterly and processed by Stanford Dosimetry at the Environmental Dosimetry Company laboratory in Sterling, Massachusetts.

The results in Tables 3.2 and 3.3 show that the mean exposure rates for the onsite and offsite categories were not significantly different in total for 2020. As shown in Figure 4.6, there is a similar annual cycle at both onsite and offsite locations. The lowest point of the cycle typically occurred during the winter months. This is attributed primarily to the attenuating effect of the snow cover and frozen ground on radon emissions and on direct irradiation by naturally-occurring radionuclides in the soil. In 2020, this low point occurred late winter, early spring. Also contributing to the variation in radiation levels at different field sites was the varying distribution of radionuclides in the underlying soil, rock or nearby building materials.

Figure 4.7 illustrates that the average trend line over the last ten years for the offsite stations runs slightly higher than that for the onsite stations, suggesting that there is no detectable plant component of direct radiation that can be seen above the natural background exposure rate.

In July 2010, the Environmental Dosimetry Company assumed responsibility for calibration and processing of the TLDs used for these activities. The Panasonic Model UD-814 AS4 TLDs that had historically been used to measure direct radioactivity around CNP continued to be in use.

The information detailed above was evaluated and found to be consistent with data obtained during the conduct of CNP's PRMP.

Figure 4.6
Direct Radiation - Quarterly TLD Results

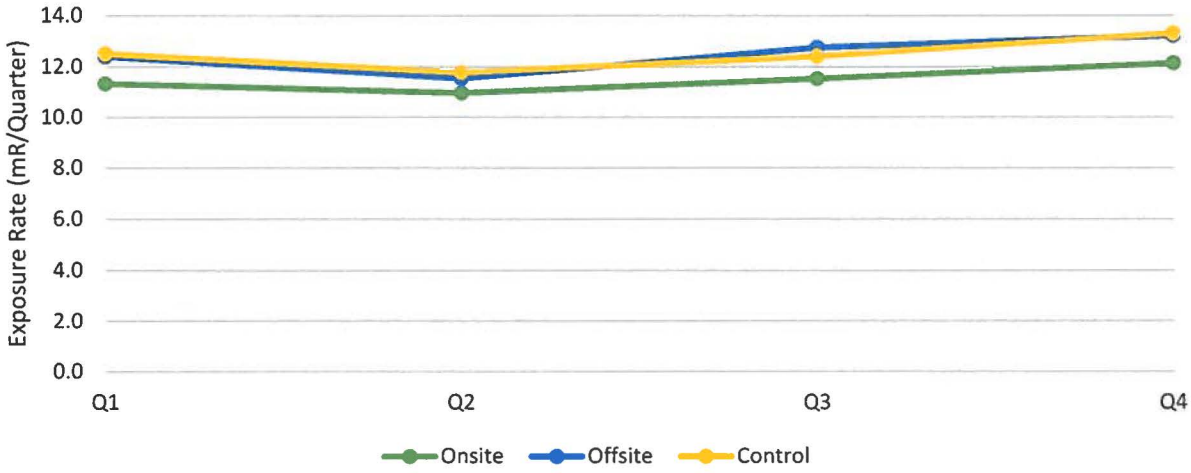
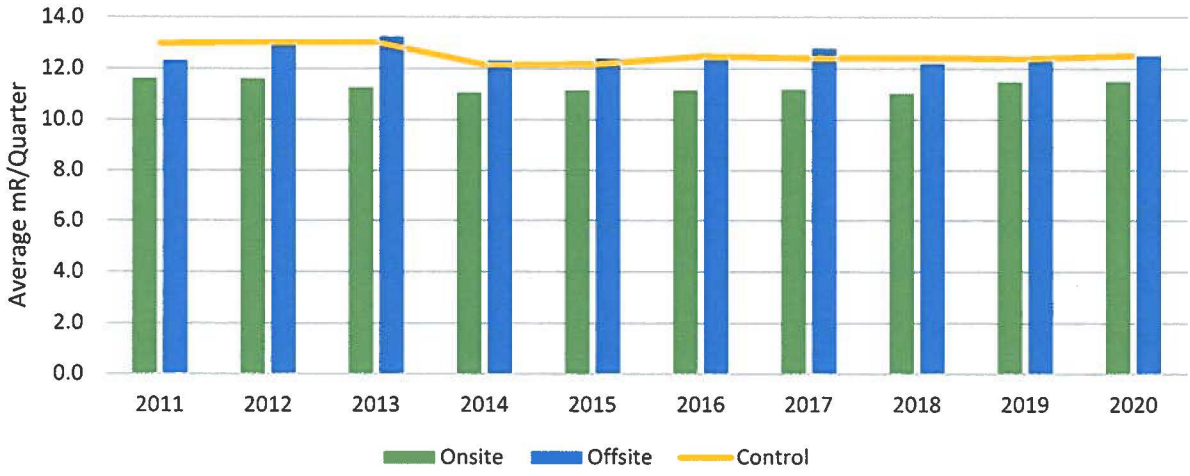


Figure 4.7
Direct Radiation, Annual Summary 10 Years Historical Trend



4.4.11 Additional Sample Analysis (non-ODCM required samples)

Groundwater (Radioactive Equipment Storage Facility, Steam Generator wells) – Two one-liter well water samples were taken at 4 locations quarterly. These samples were analyzed for tritium by GEL. The samples are also analyzed for gamma, gross beta, and gross alpha for tracking purposes [see Appendix D]. Gross beta activities were identified in fifteen out of sixteen samples and levels are consistent with historical values.

Gross alpha was identified in one sample and naturally-occurring Th-228 was identified in two of the sixteen samples, both of which are consistent with historical results. Measured tritium activities in the samples were all found to be less than the MDC. No plot for this data was possible because since 2007, there has been no positive identification of tritium in the four wells. Tritium in these wells is also being tracked by the CNP Groundwater Protection Initiative and is discussed further in Appendix F.

5.0 OFF-SITE DOSE EQUIVALENT COMMITMENTS

The purpose of this section is to evaluate off-site dose consequences (dose equivalent commitments) associated with CNP radioactive liquid and airborne effluents. The method utilizes Regulatory Guide 1.109/ODCM models and actual measurements of the concentrations of radioactivity in environmental media to compute the dose consequences resulting from the consumption of these foods. The doses are based on an assumption that the individuals consume fish year round at the respective average Cs-137 concentrations determined during 2020. The maximum consumption rates from Regulatory Guide 1.109 are also assumed, although the consumption fraction was conservatively assumed to cover the entire time period in which Cesium was measured in the fish samples.

The dose commitments calculated in this section are compared to the ALARA dose objectives of 10CFR50 Appendix I for liquid and/or gaseous effluents. These standards are a fraction of the average USA background radiation of 300 mrem per year given in NCRP 94 (Reference 2).

Trace levels of Cesium-137 were detected in one REMP control sample, and are detailed in Table 5.1 and dose summarized in Table 5.2. The concentration of 12.7 pCi/kg is well below the required LLD of 150 pCi/kg. The presence of this radionuclide was determined to not be the result of operations at the CNP. Given that, the dose impacts from ingestion of the radionuclide yielded a maximum dose of 1.90E-02 mrem/year total body (for the adult age group) and 3.03E-02 mrem/year to the liver (for the teen age group). This represents 0.6% and 0.3% of the total body and organ dose objectives of 10CFR50 Appendix I (3 mrem/yr. and 10 mrem/yr., respectively).

Table 5.1: Cs-137 Concentration in Fish Samples

Media	Station	Sample	Concentration (pCi/kg)	Date
Fish	OFS-N	512249001	12.7	5/21/20
		Average	12.7	

Cesium-137 was not detected in broadleaf vegetation or food samples.

Table 5.2, below, summarizes the maximum dose commitments calculated based on the consumption of fish that had positive results for radionuclides that are not naturally occurring.

Table 5.2: Summary of Off-Site Dose Commitments

Media	Radionuclide	Limiting Organ [age group]	Organ Dose (mrem/yr.)	Whole Body Dose (mrem/yr.)
Fish	Cs-137	Liver [Teen]	3.03E-02	1.90E-02

6.0 SUMMARY OF REMP, ODCM, AND VENDOR PROCEDURE CHANGES

The Off-Site Dose Calculation Manual was revised in 2020 to Revision 27, to remove the old radiation monitoring system in the plant and update with the new radiation monitoring equipment. These changes were not pertinent to the REMP.

Table 6.1 below summarizes the changes made by CNP during 2020 to the procedures that are used for the Donald C. Cook Nuclear Plant REMP.

Table 6.1

CNP 2020 Procedure Changes

Doc Number	Rev	Title	Eff Date	Reason
12-THP-6010-RPP-633	008	Collection of Environmental Radiation Dosimeters	02/03/2020	Minor editorial revision to provide more direction and clarification.
12-THP-6010-RPP-640	008	Land Use Census	08/03/2020	Minor editorial revision to adapt to changes brought on by COVID-19 and social distancing.
PMP-6010-OSD-001	027	Off-Site Dose Calculation Manual	12/15/2020	Major editorial corrections throughout the procedure to update to the new radiation detectors installed in the plant. Detector ID information, efficiency data, guidance on local display units and computer display units, were updated.
12-THP-6010-RPI-805	033	Radiation Monitoring System Setpoints	12/15/2020	Editorial corrections to remove the old monitoring equipment and update with the new radiation monitoring equipment.

Table 6.2 below summarizes the changes made by the Environmental Dosimetry Company during 2020 to the procedures that are used for the Donald C. Cook Nuclear Plant REMP

Table 6.2

Environmental Dosimetry Company 2020 Procedure Changes

PROCEDURE NUMBER	TITLE	REVISION NUMBER	EFFECTIVE DATE	REASON
1	Quality System Manual	4	09/28/20	Revised to correct an audit deficiency
1026	Panasonic Quality Control TLD Preparation	0	12/23/20	Five year review
1030	Daily Quality Control Response Check of the Panasonic UD710A TLD Reader	0	12/23/20	Five year review

Table 6.2

Environmental Dosimetry Company 2020 Procedure Changes (Continued)

PROCEDURE NUMBER	TITLE	REVISION NUMBER	EFFECTIVE DATE	REASON
1032	Capture of Panasonic TLD Data	0	12/23/20	Five year review
1052	Panasonic TLD Badge Assignment	1	12/23/20	Five year review
1062	Processing of Environmental TLDs	0	12/23/20	Five year review

There were no changes or revisions to procedures that are used for the Donald C. Cook Nuclear Plant REMP in 2020 for GEL Laboratories.

7.0 REFERENCES

1. US NRC Radiological Assessment Branch Technical Position, "An Acceptable Radiological Environmental Monitoring Program," Revision 1, November 1979.

2. NCRP Report No. 94, Exposure of the Population in the United States and Canada from Natural Background Radiation, National Council on Radiation Protection and Measurements, 1987.

8.0 ERRATA

8.1 2019 Correction

The 2019 Annual AREOR states that some surface water samples were unable to be taken in February 2019 due to environmental conditions. The correct statement should read: "during the first quarter 2019, several samples were not able to be collected during parts of January and March, and the entire month of February was unavailable to sampling due to ice buildup along the lake. There was sufficient sample volume to collect a monthly composite for January and March. The quarterly composite did not include February. Data sheet 1, Documentation of Unavailable Sample was initiated for the days a sample could not be collected." This error and its correction have been entered in the corrective action program. (2021-0905)

APPENDIX A

SYNOPSIS OF ANALYSIS TECHNIQUES

GEL Labs

GROSS ALPHA/BETA ANALYSIS

Air particulate samples, collected on a weekly basis aid in verifying the in-plant controls used for monitoring the release of radioactive materials. The samples are transmitted to the laboratory for gross beta radioactivity analysis. Air particulate samples are analyzed on a low background alpha/beta gas proportional counting unit, for a predetermined amount of time, following a delay to allow for the decay of radon products. Blank filters, either provided by the client, or of the same size and type as the client filters are used for background subtraction. If the beta activity concentration is greater than 0.2 pCi/m^3, the sample may need to be analyzed for individual gamma emitters. Each sample is composited by sampling location and held until the end of the quarter for a gamma isotopic analysis.

Environmental water samples are also analyzed for gross alpha and/or gross beta radioactivity. Measurable amounts of alpha and beta emitting radionuclides, either naturally-occurring or artificially produced, are found in most environmental water samples. Gross alpha and gross beta measurements are rapid screening methods that may indicate the need for a more detailed isotopic analysis. Samples are evaporated to near dryness and quantitatively transferred to concentric ring, stainless steel planchets, where the evaporation is completed as described in EPA Method 900.0. A gas proportional counter is used for the measurement of gross alpha/gross beta radioactivity. Solid deposition is an interference in this method and must be accounted for during instrument calibration.

No decay is accounted for in the gross alpha/beta activity concentration calculations since the radionuclides of origin are not known. The MDC depends on sample size, counting system characteristics, background, and counting time. Typical counting times for gross alpha/beta analyses are seventy-five minutes for waters and sixty minutes for air particulate filters.

GAMMA SPECTROMETRY

The following media are typically analyzed for gamma-emitting radionuclide activity: milk, water, charcoal cartridges, airborne particulate filters, biological material (which includes aquatic animals, plants, and terrestrial vegetation), and sediment or soil samples. Samples are prepared by various controlled methods (blending, drying, milling) in order to maximize the volume that can be analyzed, and to achieve sample homogeneity. In order to ensure the precision and accuracy of the gamma measurements, specific counting containers are used to load sample media in a reproducible manner. Sample spectra are collected via high purity germanium based gamma ray spectrometry detection systems. The gamma spectrometry software can account for baseline corrections, background peak interferences, and photopeak multiplet resolution. Detected photopeaks are identified using a comprehensive library, specifically tailored for environmental monitoring around nuclear power facilities. Typical counting times for gamma spectrometry analyses vary from 7,200 to 30,000 seconds.

LOW LEVEL IODINE ANALYSIS

The low detection limit required for I-131 in milk and water samples can only be achieved by radiochemical separation and concentration of the iodine.

Iodate carrier is added to an acidified sample and, after reduction with Na_2SO_4 (Sodium Sulphate) to iodide, the I-131 is precipitated with $AgNO_3$ (Silver Nitrate). The precipitate is dissolved and purified with Zinc powder and H_2SO_4 (Sulfuric Acid) and the solution is re-precipitated as PdI_2 (Palladium Iodide), which is then filtered on to a polypropylene filter and counted on a low background gas flow proportional counter.

H-3 ANALYSIS

The determination of tritium in environmental matrices involves a sample preparation step followed by distillation and analysis of the pure distillate by liquid scintillation spectrometry. The tritium counting efficiency is determined using an efficiency curve generated as a function of sample quench. A set of NIST (National Institute of Standards and Technology) traceable standards is used for calibration.

The sample preparation step involves extracting H-3 from the matrix in the presence of NaOH (Sodium Hydroxide) and $KMnO_4$ (Potassium Permanganate) allowing for sufficient equilibration time so that a complete transposition of tritium with stable hydrogen has occurred.

APPENDIX B

2020 LAND USE CENSUS

2020 Radiological Environmental Monitoring Program

Land Use Census Summary

Date: September 30, 2020

Purpose

A Land Use Census (LUC) is performed annually to identify relevant changes in land usage in the area surrounding Donald C. Cook Nuclear Plant (CNP) which have the potential to affect radiation exposure pathways. Identified changes are evaluated to determine if modifications should be made to the Radiological Environmental Monitoring Program (REMP) or other related programs.

Details were documented in Data Sheet 1, Land Use Census, of CNP procedure 12-THP-6010-RPP-640, Land Use Census. A summary of the 2020 LUC is detailed below.

Dairy Farm Survey

A dairy farm survey was conducted from August 20 through September 30, 2020, to update the following information:

- Dairy farms located in the area around the CNP (within Berrien County, MI)
- Location nearest to CNP of a milk-producing animal whose milk is used for human consumption in each of the ten land sectors within a distance of five (5) miles of the plant.

During the survey period, no new dairy operation was identified within Berrien County.

Currently, there are zero (0) indicator within five (5) miles of the CNP farms/residences which have dairy animals providing milk for human consumption which participate in the CNP REMP Dairy Farm Milk sampling program.

CNP REMP requirements specify a minimum of three indicators milk farms/residences located within five miles of CNP are needed to support the milk sampling program. The milk sampling program continues to be suspended due to being unable to meet the minimum requirement of indicator milk farms/residences, and the one identified farm declining to participate at this time.

In accordance with REMP guidance, broadleaf sampling "in-lieu of milk" continues to be conducted as a compensatory action for this condition.

Finally, the census identified the closest animals providing milk for human consumption as follows:

1. Double J Farm[1] (REMP Designation: JJF)
   Sector/Distance from CNP: F / 2.6 miles (13,892 feet)
   2661 Lemon Creek Road, Baroda, MI 49101

[1] Double J Farm, as identified in the 2019 Land Use Census and AREOR, performs limited milking activities for a couple of goats.

2. Shuler Farm (REMP Designation: SF)
   Sector/Distance from CNP: G and H / 4.1 miles (21,648 feet)
   2791 Snow Road, Baroda, MI 49101

Livestock for Consumption Survey

During the time period August 20 through September 30, 2020, the Livestock Survey examined farms near CNP that produce livestock for consumption to determine the location closest to CNP in each land sector within 5 miles.

As a result of information obtained prior to and during the census period, one new farm which supports livestock (beef and/or goats) operations was identified within 5 miles of CNP; and one farm (Gary Hetlinger) ceased raising livestock for human consumption as of Spring of 2019 and has been deleted from this report.

The location, which was determined to be the "Closest Livestock for Consumption (meat)," did not change from the 2018 report.

1. Robert Mast Farm S
   Sector/Distance From CNP: F / 1.41 miles (7,445 feet)
   Livingston Road, Bridgman, MI, 49106

Residential Land Use Survey

From June 1, 2019 to June 1, 2020, per Lake Township Building Inspector, Jim Gast, two (2) new residential building permits were issued for residential construction in the Lake Township sections that border the CNP property (Sections 5, 6, 7, and 8). These additions did not change the location of the nearest residence. Additionally, there was one (1) Demolition Permit issued during that time for those same sections. This home removal does not change the location of the nearest residence. As a consequence, there was no impact on the "closest residences" already listed on 12-THP-6010-RPP-640 Data Sheet 1 – "Residential Land Use Data" section.

Per email correspondence with the Berrien County Health Department, there was one groundwater well permit issued in Lake Township Sections 5, 6, 7, or 8 during this time period.

Per email correspondence with the Michigan Department of Agriculture, there was no usage of Lake Michigan water for agricultural irrigation purposes in Berrien County.

Garden Census, Grape and Broadleaf Sampling

During the time period August 20 through September 30, 2020, a survey of nearby properties verified that the closest garden producing leafy vegetables continues to be the same as identified in previous years:

1. Jim McLean
   Sector/Distance from CNP: C / 0.91 miles (4,805 feet)
   7379 Rosemary Road, Stevensville, MI, 49127

In lieu of conducting the Garden Census as part of this LUC, 2020 Broadleaf Sampling was performed per the requirements of the ODCM and in accordance with 12-THP-6010-RPP-638,

Collection of Food Products and Broadleaf Samples. Samples from this garden were collected in 2020.

Notifications and Updates

The 2020 Land Use Census identified no relevant changes in usage to areas surrounding CNP. The identified changes in this report have been evaluated per PMP-6010-OSD-001 Off-Site Dose Calculation Manual, and represent no changes in dose commitment.

APPENDIX C

Quality Assurance Program

Appendix C: Quality Assurance (QA) Programs

GEL Laboratories QA

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

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

The results of GEL's assessment of their laboratory activities listed in this section entails their quality assurance program for the proficiency testing (PT) and environmental monitoring aspects of GEL for 2020. 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 "2020 Annual Quality Assurance Report for the Radiological Environmental Monitoring Program (REMP)", Revision 0, dated February 26, 2021, and includes:

- Intra-laboratory QC results analyzed during 2020.
- Inter-laboratory QC results analyzed during 2020 where known values were available.

QA 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:

PT 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 (SPC) data;
- Evaluation of relative percent difference between measurements through SPC data.

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

- US Environmental Protection Agency (EPA) Discharge Monitoring Report, Quality Assurance Program (DMR-QA) - An annual national program sponsored by the US Environmental Protection Agency (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, biochemical oxygen demand, chemical oxygen demand, oil and grease, ammonia, nitrates, etc.

- Department of Energy (DOE) Mixed Analyte Performance Evaluation Program (MAPEP) - A semiannual program developed by the 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 Multimedia Radiochemistry PT program (MRaD™) - 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 PT Program for radiological analyses - This program completes the process of replacing the EPA Environmental Monitoring Systems Laboratory, Las Vegas (EMSL-LV) Nuclear Radiation Assessment Division program which was 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 PT Studies. This program encompasses Uranium by EPA method 200.8 (for drinking water certification in Utah/Primary NELAP), gamma emitters, Gross Alpha/Beta, Iodine-131, naturally-occurring radioactive isotopes, Strontium-89/90, and Tritium.

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

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

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

GEL procures single-blind performance evaluation samples from Eckert & Ziegler Analytics to verify the analysis of sample matrices processed at GEL. Samples are received on a quarterly basis. GEL's Third-Party Cross-Check Program provides environmental matrices encountered in a typical nuclear utility REMP. The Third-Party Cross-Check Program is intended to meet or exceed the inter-laboratory comparison program requirements discussed in NRC Regulatory Guide 4.15. Once performance evaluation samples have been prepared in accordance with the instructions provided by the PT program 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 (SOP) for the Conduct of Quality Audits, GL-QS-E-001. The annual internal audit plan is reviewed for adequacy and includes the scheduled frequency and scope of quality control actions necessary to GEL's QA program. Internal audits are conducted at least annually in accordance with a schedule approved by the Quality Systems Director. Supplier audits are contingent upon the categorization of the supplier, and may or may not be conducted prior to the use of a supplier or subcontractor. Type I suppliers and subcontractors, regardless of how they were initially qualified, are re-evaluated at least once every three years.

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

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

The annual radiochemistry laboratory internal audit (19-RAD-001) was conducted in August, and September 2020. There were no findings or observations and two recommendations improvements from this assessment.

Performance Evaluation Acceptance Criteria for Environmental Sample Analysis

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

Performance Evaluation Samples

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

GEL also evaluates its analytical performance on a regular basis through 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, QC evaluation is based on static limits rather than those that are statistically derived. Current process control limits are maintained in GEL's Alpha Laboratory Information Management System (LIMS). GEL also measures precision with matrix duplicates and/or matrix spike duplicates. The upper and lower control limits (UCL and LCL respectively) for precision are plus or minus three times the standard deviation from the mean of a series of relative percent differences. The static precision criteria for radiochemical analyses are 0 - 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 QC 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 (PT) 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 of 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 DUP 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 five times the MDC. If both results are less than five times MDC, then the RPD must be equal to or less than 100 percent. 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 five times the MDC and the other is less than five times the MDC, the RPD must be less than or equal to 20 percent. If both results are below MDC, then the limits on percent RPD are not applicable.

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

Summary of Data Results

During 2020, forty-five (45) radioisotopes associated with seven (7) matrix types were analyzed under GEL's Performance Evaluation program in participation with ERA, MAPEP, and Eckert & Ziegler Analytics. Matrix types were representative of client analyses performed during 2020. Of the four hundred fifty-six (456) total results, 97.1% (443 of 456) were found to be acceptable within the PT providers three sigma or other statistical criteria. The list below contains the type of matrix evaluated by GEL.

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

A summary list of all inter-laboratory radiological proficiency test results and their evaluation against their acceptance criteria is provided in Table C-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 results for bias and precision by sample matrix are provided in Table C-3 (REMP Related) and Table C-4 (All Samples).

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

Eckert & Ziegler Analytics provided samples for ninety-one (91) individual environmental analyses. The accuracy of each result reported to Eckert & Ziegler Analytics, Inc. is measured by the ratio of GEL's result to the known value. All results fell within GEL's acceptance criteria (100% within acceptance). Table C-2 lists the results specific to the Eckert & Ziegler Analytics samples provided in 2020. No corrective action reports were noted for these results.

Summary of Participation in the MAPEP Monitoring Program

MAPEP Series 42 and 43 were analyzed by the laboratory. Of the one hundred twenty-seven (127) analyses, 99% (126 out of 127) of all results fell within the PT provider's acceptance criteria.

Summary of Participation in the ERA MRaD PT Program

The ERA MRad program provided samples (MRAD-32 and MRAD-33) for one hundred ninety-eight (198) individual environmental analyses. Of the one hundred ninety-eight (198) analyses, 98% (194 out of 198) fell within the PT provider's acceptance criteria.

Summary of Participation in the ERA PT Program

The ERA program provided samples (RAD-120, RAD-121, RAD-122) for forty (40) individual environmental analyses. Of the forty (40) analyses, 80% (32 out of 40) of all results fell within the PT provider's acceptance criteria.

For the corrective actions associated with failures, refer to corrective actions on Table C-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 (QS) Team in accordance with GEL's SOP 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 SOPs to ensure that data are reported only if the QC criteria are met or the QC 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 SOP 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 SOP GL-QS-E-002. In the event that correctness or validity of the laboratory's test results are 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 C-5 provides the status of CARRs for radiological performance testing during 2020. GEL has determined that causes of the failures did not impact any data reported to its clients.

Table C-1

2020 Inter-Lab Radiological Proficiency Testing Results and Acceptance Criteria

PT Provider	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
ERA	2/24/20	RAD-120	Water	pCi/L	Barium-133	59.2	64.5	53.7 - 71.0	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Cesium-134	21.5	22.9	17.5 - 25.6	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Cesium-137	217	220	198 - 244	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Cobalt-60	97.7	91.2	82.1 - 103	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Zinc-65	332	298	268 - 348	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Gross Alpha	67.1	58.9	30.8 - 73.3	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Gross Alpha	55.4	58.9	30.8 - 73.3	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Gross Beta	20	21	12.6 - 29.1	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Radium-226	15.6	17.4	12.9 - 19.9	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Radium-228	5.71	7.95	5.06 - 10.1	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Radium-228	5.68	7.95	5.06 - 10.1	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Uranium (Nat)	64.8	68.2	55.7 - 75.0	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Tritium	15200	17800	15600 - 19600	Not Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Tritium	17700	17800	15600 - 19600	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Strontium-89	73.3	59.3	47.6 - 67.1	Not Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Strontium-89	70.8	59.3	47.6 - 67.1	Not Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Strontium-90	38.3	36.5	26.8 - 42.1	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Strontium-90	30.6	36.5	26.8 - 42.1	Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Iodine-131	23.7*	29.9	24.9 - 34.9	Not Acceptable
ERA	2/24/20	RAD-120	Water	pCi/L	Iodine-131	31.8	29.9	24.9 - 34.9	Acceptable
EZA	05/08/20	E13167	Cartridge	pCi	Iodine-131	9.37E+01	9.12E+01	1.03	Acceptable
EZA	05/08/20	E13168	Milk	pCi/L	Strontium-89	9.15E+01	9.55E+01	0.96	Acceptable
EZA	05/08/20	E13168	Milk	pCi/L	Strontium-90	1.51E+02	1.43E+02	0.62	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Cerium-141	1.99E+02	1.84E+02	1.08	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Cobalt-58	1.96E+02	1.89E+02	1.03	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Cobalt-60	2.33E+02	2.29E+02	1.02	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Chromium-51	3.84E+02	3.76E+02	1.02	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Cesium-134	1.36E+02	1.49E+02	0.91	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Cesium-137	1.91E+02	1.80E+02	1.06	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Manganese-54	2.31E+02	2.10E+02	1.1	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Iron-59	1.82E+02	1.63E+02	1.12	Acceptable
EZA	05/08/20	E13169	Milk	pCi/L	Zinc-65	2.69E+02	2.52E+02	1.07	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Cerium-141	2.11E+02	1.90E+02	1.11	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Cesium-134	1.53E+02	1.54E+02	0.99	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Cesium-137	2.08E+02	1.85E+02	1.12	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Chromium-51	4.34E+02	3.88E+02	1.12	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Cobalt-58	2.21E+02	1.96E+02	1.13	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Cobalt-60	2.59E+02	2.36E+02	1.10	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Iodine-131	1.02E+02	9.29E+01	1.1	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Iron-59	1.79E+02	1.68E+02	1.06	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Manganese-54	2.48E+02	2.16E+02	1.15	Acceptable
EZA	05/08/20	E13170	Water	pCi/L	Zinc-65	3.05E+02	2.61E+02	1.17	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Actinium-228	3200	3170	2090 - 3990	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Actinium-228	3200	3170	2090 - 3990	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Americium-241	1410	1730	934 - 2450	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Bismuth-212	3160	3280	939 - 4890	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Bismuth-212	3160	3280	939 - 4890	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Bismuth-214	1870	2270	1090 - 3380	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Bismuth-214	1870	2270	1090 - 3380	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Cesium-134	5040	6200	4240 - 7410	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Cesium-134	5040	6200	4240 - 7410	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Cesium-137	6830	7280	5510 - 9210	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Cesium-137	6830	7280	5510 - 9210	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Cobalt-60	4840	5170	4070 - 6380	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Cobalt-60	4840	5170	4070 - 6380	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Lead-212	3580	3280	2290 - 4150	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Lead-212	3580	3280	2290 - 4150	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Lead-214	2380	2330	979 - 3660	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Lead-214	2380	2330	979 - 3660	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Manganese-54	<25.4	<1000	<1000	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Manganese-54	<25.4	<1000	<1000	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Plutonium-238	951	1010	504 - 1540	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Plutonium-239	1020	1240	676 - 1780	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Potassium-40	26000	24700	17000 - 29500	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Potassium-40	26000	24700	17000 - 29500	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Strontium-90	1980	2550	794 - 3970	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Strontium-90	1980	2550	794 - 3970	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Strontium-90	1980	2550	794 - 3970	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Thorium-234	5090	4010	1510 - 6870	Acceptable

PT Provider	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Thorium-234	5090	4010	1510 - 6870	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Uranium-234	3330	3600	1690 - 4720	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Uranium-234	3910	3600	1690 - 4720	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Uranium-238	3490	3570	1960 - 4790	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Uranium-238	2950	3570	1960 - 4790	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Uranium-Total	6980	7340	4070 - 9490	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Uranium-Total	6995	7340	4070 - 9490	Acceptable
ERA	05/19/20	MRAD-32	Soil	µg/kg	Uranium-Total (mass)	10500	10700	4830 - 14400	Acceptable
ERA	05/19/20	MRAD-32	Soil	µg/kg	Uranium-Total (mass)	8830	10700	4830 - 14400	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Zinc-65	1070	1100	879 - 1500	Acceptable
ERA	05/19/20	MRAD-32	Soil	pCi/kg	Zinc-65	1070	1100	879 - 1500	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Americium-241	3470	3950	2440 - 5580	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Cesium-134	1780	2150	1430 - 2860	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Cesium-134	1780	2150	1430 - 2860	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Cesium-137	942	1030	792 - 1390	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Cesium-137	942	1030	792 - 1390	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Cobalt-60	987	997	783 - 1300	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Cobalt-60	987	997	783 - 1300	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Curium-244	881	1050	592 - 1310	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Manganese-54	<39.6	<300	<300	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Manganese-54	<39.6	<300	<300	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Plutonium-238	1070	1150	796 - 1480	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Plutonium-239	227	232	160 - 294	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Potassium-40	35700	39300	29500 - 49800	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Potassium-40	35700	39300	29500 - 49800	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Strontium-90	1720	1720	970 - 2240	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Strontium-90	1720	1720	970 - 2240	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Strontium-90	1720	1720	970 - 2240	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Uranium-234	1750	1900	1330 - 2420	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Uranium-238	1780	1880	1330 - 2350	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Uranium-Total	3620	3870	2470 - 5220	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	µg/kg	Uranium-Total (mass)	5330	5640	4330 - 6990	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Zinc-65	2740	2750	2050 - 4080	Acceptable
ERA	05/19/20	MRAD-32	Vegetation	pCi/kg	Zinc-65	2740	2750	2050 - 4080	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Americium-241	64.9	74.7	53.3 - 99.6	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Cesium-134	1360	1390	902 - 1700	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Cesium-134	1360	1390	902 - 1700	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Cesium-137	370	351	288 - 460	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Cesium-137	370	351	288 - 460	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Cobalt-60	459	422	359 - 536	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Cobalt-60	459	422	359 - 536	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Iron-55	1150	1260	460 - 2010	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Manganese-54	<3.87	<50.0	<50.0	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Manganese-54	<3.87	<50.0	<50.0	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Plutonium-238	21.9	28	21.1 - 34.4	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Plutonium-239	30.6	40.1	30.0 - 48.4	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Strontium-90	181	175	111 - 238	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Uranium-234	45.7	56.2	41.7 - 65.9	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Uranium-234	46.7	56.2	41.7 - 65.9	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Uranium-238	46	55.7	42.1 - 66.5	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Uranium-238	39.6	55.7	42.1 - 66.5	Not Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Uranium-Total	94.5	114	83.2 - 135	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Uranium-Total	88.1	114	83.2 - 135	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	µg/Filter	Uranium-Total (mass)	138	167	134 - 196	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	µg/Filter	Uranium-Total (mass)	118	167	134 - 196	Not Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Zinc-65	798	694	569 - 1060	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Zinc-65	798	694	569 - 1060	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Gross Alpha	34.4	29.3	15.3 - 48.3	Acceptable
ERA	05/19/20	MRAD-32	Air Filter	pCi/Filter	Gross Beta	61.1	66.4	40.3 - 100	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Americium-241	47.9	45.3	31.1 - 57.9	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cesium-134	1420	1520	1150 - 1670	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cesium-134	1420	1520	1150 - 1670	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cesium-134	1420	1520	1150 - 1670	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cesium-137	2440	2390	2050 - 2720	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cesium-137	2440	2390	2050 - 2720	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cesium-137	2440	2390	2050 - 2720	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cobalt-60	2890	2760	2380 - 3170	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cobalt-60	2890	2760	2380 - 3170	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Cobalt-60	2890	2760	2380 - 3170	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Iron-55	140	152	89.3 - 221	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Manganese-54	<6.25	<100	<100	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Manganese-54	<6.25	<100	<100	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Manganese-54	<6.25	<100	<100	Acceptable

PT Provider	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
ERA	05/19/20	MRAD-32	Water	pCi/L	Plutonium-238	32.5	36.4	21.9 - 47.2	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Plutonium-239	29.7	33.6	20.8 - 41.4	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Strontium-90	426	447	322 - 552	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Uranium-234	187	186	142 - 213	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Uranium-234	226*	186	142 - 213	Not Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Uranium-238	191	184	143 - 217	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Uranium-238	199	184	143 - 217	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Uranium-Total	387	378	295 - 431	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Uranium-Total	434.3*	378	295 - 431	Not Acceptable
ERA	05/19/20	MRAD-32	Water	µg/L	Uranium-Total (mass)	572	551	446 - 625	Acceptable
ERA	05/19/20	MRAD-32	Water	µg/L	Uranium-Total (mass)	595	551	446 - 625	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Zinc-65	1330	1190	1060 - 1500	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Zinc-65	1330	1190	1060 - 1500	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Zinc-65	1330	1190	1060 - 1500	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Gross Alpha	67.6	165	60.2 - 228	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Gross Alpha	67.6	165	60.2 - 228	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Gross Beta	143	158	79.0 - 217	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Gross Beta	143	158	79.0 - 217	Acceptable
ERA	05/19/20	MRAD-32	Water	pCi/L	Tritium	5990	6280	4730 - 7640	Acceptable
ERA	05/26/20	RAD-121	Water	pCi/L	Tritium	13100	14100	12300 - 15500	Acceptable
ERA	05/26/20	RAD-121	Water	pCi/L	Strontium-89	68.8	60.1	48.3 - 67.9	Not Acceptable
ERA	05/26/20	RAD-121	Water	pCi/L	Strontium-89	71.6	60.1	48.3 - 67.9	Not Acceptable
ERA	05/26/20	RAD-121	Water	pCi/L	Iodine-131	27.5	28.9	24.1 - 33.8	Acceptable
MAPEP	07/02/20	MAPEP-20-GrF42	Filter	Bq/sample	Gross alpha	0.79	1.24	0.37-2.11	Acceptable
MAPEP	07/02/20	MAPEP-20-GrF42	Filter	Bq/sample	Gross beta	1.84	2.00	1.00-3.00	Acceptable
MAPEP	07/02/20	MAPEP-20-GrW42	Water	Bq/L	Gross alpha	1.01	1.03	0.31-1.75	Acceptable
MAPEP	07/02/20	MAPEP-20-GrW42	Water	Bq/L	Gross beta	4.18	4.24	2.12-6.36	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Americium-241	43.0	40.9	28.6-53.2	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Cesium-134	984	1114	780-1448	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Cesium-137	1060	1020	714-1326	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Cobalt-57	1200.000	1071	750-1392	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Cobalt-60	0.366		False Pos Test	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Iron-55	950.0	1096	767-1425	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Manganese-54	961	945	662-1229	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Nickel-63	-0.727		False Pos Test	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Plutonium-238	38.0	41.8	29.3-54.3	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Plutonium-239/240	38.0	41.8	29.3-54.3	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Potassium-40	618	625	438-813	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Strontium-90	286	340	238-442	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Technetium-99	728	706	494-918	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	U-234/233	43.2	40.3	28.2-52.4	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Uranium-238	64.6	68.0	48-88	Acceptable
MAPEP	07/02/20	MAPEP-20-MaS42	Soil	Bq/Kg	Zinc-65	784	751	526-976	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Americium-241	0.545	0.547	0.383-0.711	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Cesium-134	17.0	18.5	13.0-24.1	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Cesium-137	12.0	11.3	7.9-14.7	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Cobalt-57	19.7	19.7	13.8-25.6	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Cobalt-60	11.0	10.6	7.4-13.8	Acceptable

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MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Hydrogen-3	193	196	137-255	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Iron-55	18.2	17.8	12.5-23.1	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Manganese-54	20.6	19.6	13.7-25.5	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Nickel-63	14.1	11.1	7.8-14.4	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Plutonium-238	0.822	0.940	0.66-1.22	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Plutonium-239/240	0.686	0.737	0.516-0.958	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Potassium-40	-0.0485		False Pos Test	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Radium-226	0.366	0.365	0.256-0.475	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Strontium-90	0.0122		False Pos Test	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Technetium-99	3.72	3.63	2.54-4.72	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Uranium-234	1.02	0.97	0.68-1.26	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Uranium-238	0.98	0.95	0.67-1.24	Acceptable
MAPEP	07/02/20	MAPEP-20-MaW42	Water	Bq/L	Zinc-65	23.9	22.2	15.5-28.9	Acceptable
MAPEP	07/02/20	MAPEP-20-XaW42	Alk. Water	Bq/L	Iodine-129	1.01	1.001	0.701-1.301	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	ug/sample	Uranium-235	0.0438	0.0460	0.0322-0.0598	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	ug/sample	Uranium-238	6.39	6.3	4.4-8.2	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	ug/sample	Uranium-Total	6.43	6.3	4.4-8.2	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Americium-241	0.0671	0.0675	0.0473-0.0878	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Cesium-134	0.626	0.600	0.420-0.780	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Cesium-137	0.802	0.735	0.515-0.956	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Cobalt-57	1.54	1.50	1.05-1.95	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Cobalt-60	1.29	1.23	0.86-1.60	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Manganese-54	0.0065		False Pos Test	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Plutonium-238	0.0341	0.0348	0.0244-0.0452	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Plutonium-239/240	0.0395	0.0379	0.0265-0.0493	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Strontium-90	0.884	0.97	0.68-1.26	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Uranium-234	0.0788	0.075	0.053-0.098	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Uranium-238	0.0801	0.078	0.055-0.101	Acceptable
MAPEP	07/02/20	MAPEP-20-RdF42	Filter	Bq/sample	Zinc-65	1.43	1.18	0.83-1.53	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Americium-241	0.0761	0.075	0.053-0.098	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Cesium-134	3.55	3.82	2.67-4.97	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Cesium-137	2.83	2.77	1.94-3.60	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Cobalt-57	0.00561		False Pos Test	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Cobalt-60	2.84	2.79	1.95-3.63	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Manganese-54	4.74	4.58	3.21-5.95	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Plutonium-238	0.0447	0.0472	0.0330-0.0614	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Plutonium-239/240	0.06950	0.0772	0.0540-0.1004	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Strontium-90	0.361	0.492	0.344-0.640	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Uranium-234	0.1070	0.102	0.071-0.133	Acceptable

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MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Uranium-238	0.1150	0.103	0.072-0.134	Acceptable
MAPEP	07/02/20	MAPEP-20-RdV42	Vegetation	Bq/sample	Zinc-65	4.14	3.79	2.65-4.93	Acceptable
EZA	07/31/20	E13171	Cartridge	pCi	Iodine-131	9.68E+01	9.19E+01	1.05	Acceptable
EZA	07/31/20	E13172	Milk	pCi/L	Strontium-89	8.67E+01	8.81E+01	0.98	Acceptable
EZA	07/31/20	E13172	Milk	pCi/L	Strontium-90	1.06E+01	1.27E+01	0.83	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Cerium-141	1.29E+02	1.16E+02	1.11	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Cobalt-58	1.04E+02	1.00E+02	1.03	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Cobalt-60	2.00E+02	1.95E+02	1.02	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Chromium-51	2.91E+02	2.56E+02	1.14	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Cesium-134	1.40E+02	1.46E+02	0.96	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Cesium-137	1.09E+02	1.04E+02	1.05	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Iron-59	1.09E+02	1.01E+02	1.08	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Iodine-131	8.31E+01	8.15E+01	1.02	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Manganese-54	1.41E+02	1.34E+02	1.05	Acceptable
EZA	07/31/20	E13173	Milk	pCi/L	Zinc-65	2.48E+02	2.25E+02	1.10	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Cerium-141	1.23E+02	1.17E+02	1.05	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Cobalt-58	1.05E+02	1.02E+02	1.03	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Cobalt-60	2.05E+02	1.98E+02	1.04	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Chromium-51	2.76E+02	2.59E+02	1.06	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Cesium-134	1.36E+02	1.48E+02	0.92	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Cesium-137	1.04E+02	1.05E+02	0.99	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Iron-59	1.05E+02	1.02E+02	1.03	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Iodine-131	9.10E+01	8.05E+01	1.13	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Manganese-54	1.47E+02	1.35E+02	1.09	Acceptable
EZA	07/31/20	E13174	Water	pCi/L	Zinc-65	2.49E+02	2.27E+02	1.10	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Barium-133	64.7	58.6	48.6 - 64.6	Not Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Cesium-134	23	22.3	17.0 - 25.0	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Cesium-137	76.5	73	65.7 - 83.0	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Cobalt-60	97.9	86.1	77.5 - 97.0	Not Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Zinc-65	96.3	82.9	74.6 - 99.6	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Gross Alpha	54.3	52.4	27.3 - 65.6	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Gross Beta	24.7	24.3	15.0 - 32.3	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Radium-226	9.42	10.8	8.08 - 12.5	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Radium-228	5.55	5.42	3.28 - 7.19	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Uranium (Nat)	28.9	29.3	23.7 - 32.5	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Uranium (Nat) mass	41.3	42.7	34.5 - 47.4	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Tritium	17800	20300	17800 - 22300	Acceptable
ERA	08/24/20	RAD - 122	Water	µg/L	Tritium	20200	20300	17800 - 22300	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Strontium-89	61.7	68.9	56.2 - 77.1	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Strontium-90	18.2	19.5	13.9 - 23.1	Acceptable
ERA	08/24/20	RAD - 122	Water	pCi/L	Iodine-131	29.9	26.1	21.7 - 30.8	Acceptable
EZA	11/10/20	E13175	Cartridge	pCi	Iodine-131	7.96E+01	7.67E+01	1.04	Acceptable
EZA	11/10/20	E13176	Milk	pCi/L	Strontium-89	1.13E+02	9.54E+01	1.18	Acceptable
EZA	11/10/20	E13176	Milk	pCi/L	Strontium-90	9.47E+01	1.28E+02	0.74	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Cerium-141	1.47E+02	1.50E+02	0.98	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Cobalt-58	1.81E+02	1.80E+02	1.01	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Cobalt-60	3.85E+02	3.79E+02	1.02	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Chromium-51	4.11E+02	3.72E+02	1.10	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Cesium-134	1.82E+02	2.00E+02	0.91	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Cesium-137	2.58E+02	2.50E+02	1.03	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Iron-59	2.29E+02	2.00E+02	1.14	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Iodine-131	9.49E+01	9.50E+01	1.00	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Manganese-54	1.96E+02	1.80E+02	1.09	Acceptable
EZA	11/10/20	E13177	Milk	pCi/L	Zinc-65	3.04E+02	2.70E+02	1.13	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Cerium-141	1.58E+02	1.51E+02	1.05	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Cobalt-58	1.90E+02	1.80E+02	1.05	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Cobalt-60	4.04E+02	3.80E+02	1.06	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Chromium-51	3.45E+02	3.73E+02	0.92	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Cesium-134	1.81E+02	2.01E+02	0.9	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Cesium-137	2.63E+02	2.51E+02	1.05	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Iron-59	2.26E+02	2.01E+02	1.12	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Iodine-131	9.80E+01	9.82E+01	1.00	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Manganese-54	2.06E+02	1.81E+02	1.14	Acceptable
EZA	11/10/20	E13178	Water	pCi/L	Zinc-65	3.02E+02	2.71E+02	1.12	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Actinium-228	3530	3290	2170 - 4150	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Americium-241	780	677	366 - 959	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Bismuth-212	3780	3290	942 - 4900	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Bismuth-214	2970	3790	1820 - 5640	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Cesium-134	3760	4180	2860 - 5000	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Cesium-137	6890	6940	5250 - 8780	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Cobalt-60	2280	2520	1980 - 3110	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Lead-214	3680	4080	1710 - 6410	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Lead-214	3720	4080	1710 - 6410	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Manganese-54	<23.9	<1000	<1000	Acceptable

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ERA	11/16/20	MRAD-33	Soil	pCi/kg	Plutonium-238	1460	1670	833 - 2540	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Potassium-40	24600	24700	17000 - 29500	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Strontium-90	5110	4980	1550 - 7760	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Thorium-234	5370	4740	1790 - 8120	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Uranium-234	4550	4780	2240 - 6260	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Uranium-234	5100	4780	2240 - 6260	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Uranium-238	4800	4740	2600 - 6360	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Uranium-238	4870	4740	2600 - 6360	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Uranium-Total	9590	9730	5400 - 12600	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Uranium-Total	10189	9730	5400 - 12600	Acceptable
ERA	11/16/20	MRAD-33	Soil	µg/kg	Uranium-Total (mass)	14400	14200	6410 - 19200	Acceptable
ERA	11/16/20	MRAD-33	Soil	µg/kg	Uranium-Total (mass)	14600	14200	6410 - 19200	Acceptable
ERA	11/16/20	MRAD-33	Soil	pCi/kg	Zinc-65	1220	1120	895 - 1530	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Americium-241	2680	2940	1820 - 4150	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Cesium-134	862	945	627 - 1260	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Cesium-137	735	823	633 - 1110	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Cobalt-60	663	691	542 - 903	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Curium-244	3100	3400	1920 - 4230	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Manganese-54	<47.5	<300	<300	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Plutonium-238	4470	4590	3180 - 5920	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Plutonium-239	838	768	531 - 972	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Potassium-40	33500	34500	25900 - 43700	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Strontium-90	8790	8690	4900 - 11300	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Uranium-234	2650	2920	2050 - 3720	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Uranium-238	2720	2900	2050 - 3630	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Uranium-Total	5510	5950	3800 - 8020	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	µg/kg	Uranium-Total (mass)	8150	8680	6660 - 10800	Acceptable
ERA	11/16/20	MRAD-33	Vegetation	pCi/kg	Zinc-65	1640	1580	1180 - 2340	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Americium-241	22.3	22.2	15.8 - 29.6	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Cesium-134	268	296	192 - 363	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Cesium-137	407	413	339 - 542	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Cobalt-60	507	497	422 - 631	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Iron-55	361	407	149 - 649	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Manganese-54	<3.82	<50.0	<50.0	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Plutonium-238	25.3	28.8	21.7 - 35.4	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Plutonium-239	31	33.7	25.2 - 40.7	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Strontium-90	30.5	36.2	22.9 - 49.3	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Uranium-234	16.5	18.3	13.6 - 21.4	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Uranium-234	19.5	18.3	13.6 - 21.4	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Uranium-238	18.5	18.1	13.7 - 21.6	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Uranium-238	18.2	18.1	13.7 - 21.6	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Uranium-Total	35.8	37.2	27.2 - 44.1	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	µg/Filter	Uranium-Total (mass)	55.3	54.3	43.6 - 63.6	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	µg/Filter	Uranium-Total (mass)	54.4	54.3	43.6 - 63.6	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Zinc-65	540	500	410 - 764	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Gross Alpha	32.2	26.1	13.6 - 43.0	Acceptable
ERA	11/16/20	MRAD-33	Air Filter	pCi/Filter	Gross Beta	94.2	85.9	52.1 - 130	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Americium-241	185	176	121 - 225	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Cesium-134	849	911	688 - 1000	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Cesium-137	1540	1510	1290 - 1720	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Cobalt-60	1660	1560	1350 - 1790	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Iron-55	267	298	175 - 433	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Manganese-54	<4.61	<100	<100	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Plutonium-238	160	191	115 - 247	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Plutonium-239	81.7	100	61.9 - 123	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Strontium-90	917	787	567 - 973	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Uranium-234	33.8	35.2	26.8 - 40.3	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Uranium-234	39.2	35.2	26.8 - 40.3	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Uranium-238	34.7	34.9	27.0 - 41.1	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Uranium-238	32.7	34.9	27.0 - 41.1	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Uranium-238	37.3	34.9	27.0 - 41.1	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Uranium-Total	70.4	71.8	56.0 - 81.9	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Uranium-Total	78.2	71.8	56.0 - 81.9	Acceptable
ERA	11/16/20	MRAD-33	Water	µg/L	Uranium-Total (mass)	104	105	85.0 - 119	Acceptable
ERA	11/16/20	MRAD-33	Water	µg/L	Uranium-Total (mass)	112	105	85.0 - 119	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Zinc-65	1010	917	816 - 1160	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Gross Alpha	100	111	40.5 - 153	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Gross Beta	181	194	97.0 - 267	Acceptable
ERA	11/16/20	MRAD-33	Water	pCi/L	Tritium	11600	12000	9040 - 14600	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Americium-241	1.2		False Pos Test	Acceptable

PT Provider	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Cesium-134	625	710	497-923	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Cesium-137	0.87		False Pos Test	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Cobalt-57	1260	1100	770-1430	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Cobalt-60	998	1000	700-1300	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Iron-55	811	577	404-750	Not Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Manganese-54	661	610	427-793	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Nickel-63	840	980	686-1274	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Plutonium-238	53.1	57.7	40.4-75	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Plutonium-239/240	68.1	79.0	55-103	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Potassium-40	704	622	435-809	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Strontium-90	434	487	341-633	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Technetium-99	5		False Pos Test	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	U-234/233	51	48	33.7-62.5	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Uranium-238	126	128	90-166	Acceptable
MAPEP	12/14/20	MAPEP-20-MaS43	Soil	Bq/Kg	Zinc-65	531	470	329-611	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Americium-241	0.942	0.922	0.645-1.199	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Cesium-134	13.9	15.2	10.6-19.8	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Cesium-137	15.10	14.3	10.0-18.6	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Cobalt-57	-0.0072		False Pos Test	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Cobalt-60	12.90	12.2	8.5-15.9	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Hydrogen-3	330	360	252-468	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Iron-55	29.20	32.9	23.0-42.8	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Manganese-54	-0.0032		False Pos Test	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Nickel-63	-0.93		False Pos Test	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Plutonium-238	0.6430	0.7040	0.493-0.915	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Plutonium-239/240	0.001	0.009	Sens. Evaluation	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Potassium-40	-0.763		False Pos Test	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Radium-226	1.020	1.250	0.88-1.63	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Strontium-90	9.97	11.60	8.1-15.1	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Technetium-99	8.720	9.40	6.6-12.2	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Uranium-234/233	1.27	1.26	0.88-1.64	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Uranium-238	1.31	1.30	0.9-1.7	Acceptable
MAPEP	12/14/20	MAPEP-20-MaW43	Water	Bq/L	Zinc-65	18.9	16.9	11.8-22	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	ug/sample	Uranium-235	0.0920	0.1020	0.071-0.133	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	ug/sample	Uranium-238	13.1	14.6	10.2-19	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	ug/sample	Uranium-Total	13.2	14.7	10.3-19.1	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Americium-241	0.129	0.134	0.094-0.174	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Cesium-134	1.72	1.83	1.28-2.38	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Cesium-137	1.04	0.996	0.697-1.295	Acceptable

PT Provider	Report Closing / Received Date	Sample Number	Sample Media	Units	Analyte	Reported Value	Assigned Value	Acceptance Limits	Performance Evaluation
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Cobalt-57	0.00126		False Pos Test	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Cobalt-60	1.85	1.73	1.21-2.25	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Manganese-54	1.64	1.40	0.98-1.82	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Plutonium-238	0.0917	0.0867	0.0607-0.1127	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Plutonium-239/240	0.0019	0.0017	Sens. Evaluation	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Strontium-90	1.790	2.080	1.46-2.70	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Uranium-234/233	0.1820	0.175	0.123-0.228	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Uranium-238	0.1860	0.182	0.127-0.237	Acceptable
MAPEP	12/14/20	MAPEP-20-RdF43	Filter	Bq/sample	Zinc-65	2.29	2.00	1.40-2.60	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Americium-241	0.1040	0.103	0.072-0.134	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Cesium-134	4.5	4.94	3.46-6.42	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Cesium-137	0.0134		False Pos Test	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Cobalt-57	6.70	6.67	4.67-8.67	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Cobalt-60	4.27	4.13	2.89-5.37	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Manganese-54	6.04	5.84	4.09-7.59	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Plutonium-238	0.0002	0.001	Sens. Evaluation	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Plutonium-239/240	0.05370	0.0624	0.0437-0.0811	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Strontium-90	1.07	1.39	0.97-1.81	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Uranium-234/233	0.1270	0.1150	0.081-0.150	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Uranium-238	0.1260	0.1200	0.084-0.156	Acceptable
MAPEP	12/14/20	MAPEP-20-RdV43	Vegetation	Bq/sample	Zinc-65	7.04	6.38	4.47-8.29	Acceptable
EZA	2/1/2021	E13179	Cartridge	pCi	Iodine-131	7.58E+01	7.81E+01	0.97	Acceptable
EZA	2/1/2021	E13180	Milk	pCi/L	Strontium-89	8.41E+01	8.97E+01	0.94	Acceptable
EZA	2/1/2021	E13180	Milk	pCi/L	Strontium-90	1.13E+01	1.30E+01	0.87	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Cerium-141	9.76E+01	1.00E+01	0.98	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Cobalt-58	8.58E+01	8.43E+01	1.02	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Cobalt-60	1.66E+02	1.52E+02	1.09	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Chromium-51	2.68E+02	2.53E+02	1.06	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Cesium-134	1.03E+02	1.08E+02	0.96	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Cesium-137	1.33E+02	1.27E+02	1.04	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Iron-59	1.28E+02	1.12E+02	1.14	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Iodine-131	9.44E+01	9.19E+01	1.08	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Manganese-54	1.49E+02	1.43E+02	1.04	Acceptable
EZA	2/1/2021	E13181	Milk	pCi/L	Zinc-65	2.17E+02	1.90E+02	1.14	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Cerium-141	1.18E+02	1.06E+02	1.11	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Cobalt-58	9.54E+01	8.92E+01	1.07	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Cobalt-60	1.74E+02	1.61E+02	1.08	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Chromium-51	3.05E+02	2.68E+02	1.14	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Cesium-134	1.14E+02	1.14E+02	1.00	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Cesium-137	1.37E+02	1.35E+02	1.02	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Iron-59	1.37E+02	1.19E+02	1.16	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Iodine-131	9.72E+01	9.57E+01	1.02	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Manganese-54	1.65E+02	1.51E+02	1.09	Acceptable
EZA	2/1/2021	E13182	Water	pCi/L	Zinc-65	2.29E+02	2.01E+02	1.14	Acceptable

* This test is to monitor if laboratories are reporting false positives for those isotopes. Reporting below a certain activity exhibits the lab's acceptable performance.

** Sensitivity evaluations are introduced to examine the ability of the laboratory to determine activity levels for certain isotopes at low levels. Proper identification of the isotope is considered an acceptable performance.

Table C-2

2020 Eckert & Ziegler Analytics Performance Evaluation Results

Report Received Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
05/08/20	E13167	Cartridge	pCi	Iodine-131	9.37E+01	9.12E+01	1.03	Acceptable
05/08/20	E13168	Milk	pCi/L	Strontium-89	9.15E+01	9.55E+01	0.96	Acceptable
05/08/20	E13168	Milk	pCi/L	Strontium-90	1.51E+02	1.43E+02	0.62	Acceptable
05/08/20	E13169	Milk	pCi/L	Cerium-141	1.99E+02	1.84E+02	1.08	Acceptable
05/08/20	E13169	Milk	pCi/L	Cobalt-58	1.96E+02	1.89E+02	1.03	Acceptable
05/08/20	E13169	Milk	pCi/L	Cobalt-60	2.33E+02	2.29E+02	1.02	Acceptable
05/08/20	E13169	Milk	pCi/L	Chromium- 51	3.84E+02	3.76E+02	1.02	Acceptable
05/08/20	E13169	Milk	pCi/L	Cesium-134	1.36E+02	1.49E+02	0.91	Acceptable
05/08/20	E13169	Milk	pCi/L	Cesium-137	1.91E+02	1.80E+02	1.06	Acceptable
05/08/20	E13169	Milk	pCi/L	Manganese- 54	2.31E+02	2.10E+02	1.1	Acceptable
05/08/20	E13169	Milk	pCi/L	Iron-59	1.82E+02	1.63E+02	1.12	Acceptable
05/08/20	E13169	Milk	pCi/L	Zinc-65	2.69E+02	2.52E+02	1.07	Acceptable
05/08/20	E13170	Water	pCi/L	Cerium-141	2.11E+02	1.90E+02	1.11	Acceptable
05/08/20	E13170	Water	pCi/L	Cesium-134	1.53E+02	1.54E+02	0.99	Acceptable
05/08/20	E13170	Water	pCi/L	Cesium-137	2.08E+02	1.85E+02	1.12	Acceptable
05/08/20	E13170	Water	pCi/L	Chromium- 51	4.34E+02	3.88E+02	1.12	Acceptable
05/08/20	E13170	Water	pCi/L	Cobalt-58	2.21E+02	1.96E+02	1.13	Acceptable
05/08/20	E13170	Water	pCi/L	Cobalt-60	2.59E+02	2.36E+02	1.10	Acceptable
05/08/20	E13170	Water	pCi/L	Iodine-131	1.02E+02	9.29E+01	1.1	Acceptable
05/08/20	E13170	Water	pCi/L	Iron-59	1.79E+02	1.68E+02	1.06	Acceptable
05/08/20	E13170	Water	pCi/L	Manganese- 54	2.48E+02	2.16E+02	1.15	Acceptable
05/08/20	E13170	Water	pCi/L	Zinc-65	3.05E+02	2.61E+02	1.17	Acceptable
07/31/20	E13171	Cartridge	pCi	Iodine-131	9.68E+01	9.19E+01	1.05	Acceptable
07/31/20	E13172	Milk	pCi/L	Strontium-89	8.67E+01	8.81E+01	0.98	Acceptable
07/31/20	E13172	Milk	pCi/L	Strontium-90	1.06E+01	1.27E+01	0.83	Acceptable
07/31/20	E13173	Milk	pCi/L	Cerium-141	1.29E+02	1.16E+02	1.11	Acceptable
07/31/20	E13173	Milk	pCi/L	Cobalt-58	1.04E+02	1.00E+02	1.03	Acceptable
07/31/20	E13173	Milk	pCi/L	Cobalt-60	2.00E+02	1.95E+02	1.02	Acceptable
07/31/20	E13173	Milk	pCi/L	Chromium- 51	2.91E+02	2.56E+02	1.14	Acceptable
07/31/20	E13173	Milk	pCi/L	Cesium-134	1.40E+02	1.46E+02	0.96	Acceptable
07/31/20	E13173	Milk	pCi/L	Cesium-137	1.09E+02	1.04E+02	1.05	Acceptable
07/31/20	E13173	Milk	pCi/L	Iron-59	1.09E+02	1.01E+02	1.08	Acceptable
07/31/20	E13173	Milk	pCi/L	Iodine-131	8.31E+01	8.15E+01	1.02	Acceptable
07/31/20	E13173	Milk	pCi/L	Manganese- 54	1.41E+02	1.34E+02	1.05	Acceptable
07/31/20	E13173	Milk	pCi/L	Zinc-65	2.48E+02	2.25E+02	1.10	Acceptable
07/31/20	E13174	Water	pCi/L	Cerium-141	1.23E+02	1.17E+02	1.05	Acceptable
07/31/20	E13174	Water	pCi/L	Cobalt-58	1.05E+02	1.02E+02	1.03	Acceptable
07/31/20	E13174	Water	pCi/L	Cobalt-60	2.05E+02	1.98E+02	1.04	Acceptable
07/31/20	E13174	Water	pCi/L	Chromium- 51	2.76E+02	2.59E+02	1.06	Acceptable
07/31/20	E13174	Water	pCi/L	Cesium-134	1.36E+02	1.48E+02	0.92	Acceptable
07/31/20	E13174	Water	pCi/L	Cesium-137	1.04E+02	1.05E+02	0.99	Acceptable
07/31/20	E13174	Water	pCi/L	Iron-59	1.05E+02	1.02E+02	1.03	Acceptable
07/31/20	E13174	Water	pCi/L	Iodine-131	9.10E+01	8.05E+01	1.13	Acceptable
07/31/20	E13174	Water	pCi/L	Manganese- 54	1.47E+02	1.35E+02	1.09	Acceptable
07/31/20	E13174	Water	pCi/L	Zinc-65	2.49E+02	2.27E+02	1.10	Acceptable
11/10/20	E13175	Cartridge	pCi	Iodine-131	7.96E+01	7.67E+01	1.04	Acceptable
11/10/20	E13176	Milk	pCi/L	Strontium-89	1.13E+02	9.54E+01	1.18	Acceptable
11/10/20	E13176	Milk	pCi/L	Strontium-90	9.47E+01	1.28E+02	0.74	Acceptable
11/10/20	E13177	Milk	pCi/L	Cerium-141	1.47E+02	1.50E+02	0.98	Acceptable
11/10/20	E13177	Milk	pCi/L	Cobalt-58	1.81E+02	1.80E+02	1.01	Acceptable
11/10/20	E13177	Milk	pCi/L	Cobalt-60	3.85E+02	3.79E+02	1.02	Acceptable
11/10/20	E13177	Milk	pCi/L	Chromium- 51	4.11E+02	3.72E+02	1.10	Acceptable
11/10/20	E13177	Milk	pCi/L	Cesium-134	1.82E+02	2.00E+02	0.91	Acceptable
11/10/20	E13177	Milk	pCi/L	Cesium-137	2.58E+02	2.50E+02	1.03	Acceptable
11/10/20	E13177	Milk	pCi/L	Iron-59	2.29E+02	2.00E+02	1.14	Acceptable
11/10/20	E13177	Milk	pCi/L	Iodine-131	9.49E+01	9.50E+01	1.00	Acceptable
11/10/20	E13177	Milk	pCi/L	Manganese- 54	1.96E+02	1.80E+02	1.09	Acceptable
11/10/20	E13177	Milk	pCi/L	Zinc-65	3.04E+02	2.70E+02	1.13	Acceptable
11/10/20	E13178	Water	pCi/L	Cerium-141	1.58E+02	1.51E+02	1.05	Acceptable
11/10/20	E13178	Water	pCi/L	Cobalt-58	1.90E+02	1.80E+02	1.05	Acceptable
11/10/20	E13178	Water	pCi/L	Cobalt-60	4.04E+02	3.80E+02	1.06	Acceptable
11/10/20	E13178	Water	pCi/L	Chromium- 51	3.45E+02	3.73E+02	0.92	Acceptable
11/10/20	E13178	Water	pCi/L	Cesium-134	1.81E+02	2.01E+02	0.9	Acceptable
11/10/20	E13178	Water	pCi/L	Cesium-137	2.63E+02	2.51E+02	1.05	Acceptable
11/10/20	E13178	Water	pCi/L	Iron-59	2.26E+02	2.01E+02	1.12	Acceptable
11/10/20	E13178	Water	pCi/L	Iodine-131	9.80E+01	9.82E+01	1.00	Acceptable
11/10/20	E13178	Water	pCi/L	Manganese- 54	2.06E+02	1.81E+02	1.14	Acceptable
11/10/20	E13178	Water	pCi/L	Zinc-65	3.02E+02	2.71E+02	1.12	Acceptable
2/1/2021	E13179	Cartridge	pCi	Iodine-131	7.58E+01	7.81E+01	0.97	Acceptable
2/1/2021	E13180	Milk	pCi/L	Strontium-89	8.41E+01	8.97E+01	0.94	Acceptable
2/1/2021	E13180	Milk	pCi/L	Strontium-90	1.13E+01	1.30E+01	0.87	Acceptable
2/1/2021	E13181	Milk	pCi/L	Cerium-141	9.76E+01	1.00E+01	0.98	Acceptable
2/1/2021	E13181	Milk	pCi/L	Cobalt-58	8.58E+01	8.43E+01	1.02	Acceptable
2/1/2021	E13181	Milk	pCi/L	Cobalt-60	1.66E+02	1.52E+02	1.09	Acceptable

Report Received Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
2/1/2021	E13181	Milk	pCi/L	Chromium- 51	2.68E+02	2.53E+02	1.06	Acceptable
2/1/2021	E13181	Milk	pCi/L	Cesium-134	1.03E+02	1.08E+02	0.96	Acceptable
2/1/2021	E13181	Milk	pCi/L	Cesium-137	1.33E+02	1.27E+02	1.04	Acceptable
2/1/2021	E13181	Milk	pCi/L	Iron-59	1.28E+02	1.12E+02	1.14	Acceptable
2/1/2021	E13181	Milk	pCi/L	Iodine-131	9.44E+01	9.19E+01	1.08	Acceptable
2/1/2021	E13181	Milk	pCi/L	Manganese- 54	1.49E+02	1.43E+02	1.04	Acceptable
2/1/2021	E13181	Milk	pCi/L	Zinc-65	2.17E+02	1.90E+02	1.14	Acceptable
2/1/2021	E13182	Water	pCi/L	Cerium-141	1.18E+02	1.06E+02	1.11	Acceptable
2/1/2021	E13182	Water	pCi/L	Cobalt-58	9.54E+01	8.92E+01	1.07	Acceptable
2/1/2021	E13182	Water	pCi/L	Cobalt-60	1.74E+02	1.61E+02	1.08	Acceptable
2/1/2021	E13182	Water	pCi/L	Chromium- 51	3.05E+02	2.68E+02	1.14	Acceptable
2/1/2021	E13182	Water	pCi/L	Cesium-134	1.14E+02	1.14E+02	1.00	Acceptable
2/1/2021	E13182	Water	pCi/L	Cesium-137	1.37E+02	1.35E+02	1.02	Acceptable
2/1/2021	E13182	Water	pCi/L	Iron-59	1.37E+02	1.19E+02	1.16	Acceptable
2/1/2021	E13182	Water	pCi/L	Iodine-131	9.72E+01	9.57E+01	1.02	Acceptable
2/1/2021	E13182	Water	pCi/L	Manganese- 54	1.65E+02	1.51E+02	1.09	Acceptable
2/1/2021	E13182	Water	pCi/L	Zinc-65	2.29E+02	2.01E+02	1.14	Acceptable

Table C-3

REMP Intra-Laboratory Data Summary: Bias and Precision by Matrix

	Bias Criteria (+/- 25%)		Precision Criteria (Note 1)	
2020 Total REMP Intra-Laboratory Data	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gas Flow Sr 2nd count	46	0	57	0
Gas Flow Total Strontium	16	0	16	0
Gamma Spec Liquid RAD A-013 with Ba, La	28	0	82	0
Gamma Spec Liquid RAD A-013 with Iodine	0	0	3	0
SOLID				
Gamma Spec Solid RAD A-013	9	0	12	0
LSC Nickel 63	4	0	4	0
Gas Flow Sr 2nd count	4	0	7	0
Gas Flow Total Strontium	3	0	4	0
Gamma Spec Solid RAD A-013 with Iodine	22	0	48	0
FILTER				
Gross A & B	512	0	362	0
Gamma Spec Filter	43	0	83	0
LIQUID				
Alpha Spec Uranium	1	0	1	0
Tritium	212	0	271	0
LSC Iron-55	17	0	15	0
LSC Nickel 63	17	0	15	0
Gamma Iodine-131	6	0	7	0
Alpha Spec Plutonium	1	0	1	0
Gas Flow Sr 2nd count	2	0	3	0
Alpha Spec Am241 Curium	1	0	1	0
Gas Flow Total Strontium	16	0	14	0
Gross Alpha Non Vol Beta	33	0	71	0
Gamma Spec Liquid RAD A-013 with Ba, La	76	0	191	0
Gamma Spec Liquid RAD A-013 with Iodine	25	0	80	0
TISSUE				
Gamma Spec Solid RAD A-013	40	0	49	0
Gas Flow Sr 2nd count	12	0	10	0
Gas Flow Total Strontium	8	0	7	0
Gamma Spec Solid RAD A-013 with Iodine	21	0	21	0
VEGETATION				
Gamma Spec Solid RAD A-013	13	0	13	0
Gas Flow Sr 2nd count	10	0	11	0
Gamma Spec Solid RAD A-013 with Iodine	83	0	110	0
AIR CHARCOAL				
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	35	0	35	0
DRINKING WATER				
Tritium	36	0	39	0
LSC Iron-55	14	0	16	0
LSC Nickel 63	14	0	16	0
Gamma Iodine-131	31	0	22	0
Gas Flow Sr 2nd count	15	0	14	0
Gas Flow Total Strontium	13	0	15	0
Gross Alpha Non Vol Beta	77	0	82	0
Gamma Spec Liquid RAD A-013 with Ba, La	21	0	73	0
Gamma Spec Liquid RAD A-013 with Iodine	0	0	6	0
Total	**1537**		**1887**	

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 C-4
All Radiological Intra-Laboratory Data Summary: Bias and Precision by Matrix

2020 Total All Intra-Laboratory Data	Bias Criteria (+ / - 25%)		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gamma Spec Liquid RAD A-013	5	0	5	0
Gamma Iodine-129	6	0	6	0
Gamma Iodine-131	5	0	116	0
Gas Flow Sr 2nd count	46	0	57	0
Gas Flow Strontium 90	10	0	11	0
Gas Flow Total Strontium	16	0	16	0
Gamma Spec Liquid RAD A-013 with Ba, La	28	0	82	0
Gamma Spec Liquid RAD A-013 with Iodine	5	0	7	0
SOLID				
Gas Flow Radium 228	71	0	75	0
Alpha Spec Neptunium	471	0	455	0
Tritium	345	0	406	0
Tritium by Pyrolysis	0	0	1	0
Carbon-14	232	0	283	0
Carbon-14 by Pyrolysis	0	0	1	0
LSC Iron-55	135	0	146	0
Alpha Spec Polonium Solid	37	0	52	0
Gamma Nickel 59 RAD A-022	140	0	156	0
LSC Chlorine-36 in Solids	1	0	2	0
Gamma Spec Ra226 RAD A-013	22	0	25	0
Gamma Spec Solid RAD A-013	1122	0	1398	0
LSC Nickel 63	201	0	215	0
LSC Plutonium	219	0	234	0
Technetium-99	543	0	564	0
Gamma Spec Liquid RAD A-013	1	0	1	0
Gross Alpha Beta Soil Leach	31	0	31	0
ICP-MS Technetium-99 in Soil	6	0	3	0
LSC Selenium 79	15	0	19	0
Total Activity,	8	0	13	0
Tritium	26	0	27	0
Alpha Spec Am243	89	0	108	0
Gamma Iodine-129	93	0	160	0
Gas Flow Lead 210	19	0	23	0
Alpha Spec Uranium	746	0	900	0
LSC Promethium 147	1	0	4	0
LSC, Rapid Strontium 89 and 90	67	0	74	0
Alpha Spec Thorium	470	0	567	0
ICP-MS Uranium-233, 234 in Solid	55	0	57	0
LSC Sulfur 35	2	0	3	0
Alpha Spec Neptunium (pCi/Sample)	3	0	3	0
Alpha Spec Plutonium	509	0	486	0
ICP-MS Technetium-99 Prep in Soil	6	0	3	0
LSC Calcium 45	0	0	1	0
Alpha Spec Plutonium	158	0	232	0
Alpha Spec Radium 226	34	0	45	0
Dissolution Soil Prep	4	0	4	0
Gas Flow Sr 2nd count	27	0	35	0
Gas Flow Strontium 90	335	0	308	0
Gas Flow Total Radium	2	0	2	0
Lucas Cell Radium 226	98	0	116	0

2020 Total All Intra-Laboratory Data	Bias Criteria (+ / - 25%)	Precision Criteria (Note 1)	483	0
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
ICP-MS Uranium-233, 234 Prep in Solid	57	0	59	0
ICP-MS Uranium-235, 236, 238 in Solid	57	0	65	0
Alpha Spec Polonium Solid	3	0	3	0
Gamma Spec Solid RAD A-013 with Iodine	22	0	48	0
GFC Chlorine-36 in Solids	13	0	19	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	6	0	5	0
Technetium-99	3	0	3	0
Tritium	1	0	3	0
Alpha Spec Am241 (pCi/Sample)	3	0	3	0
ICP-MS Uranium-234, 235, 236, 238 in Solid	223	0	264	0
ICP-MS Uranium-235, 236, 238 Prep in Solid	65	0	81	0
Alpha Spec Thorium	2	0	3	0
Gross Alpha/Beta (Am/Cs Calibration) Solid	0	0	2	0
ICP-MS U-234, 235, 236, 238 Prep per sample	13	0	13	0
Gross Alpha/Beta	403	0	502	0
Alpha Spec Plutonium	3	0	3	0
Gas Flow Strontium 90	3	0	3	0
Gross Alpha/Beta (Americium Calibration) Solid	1	0	1	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Solid	93	0	149	0
Gross Alpha Beta (F,U)	30	0	33	0
FILTER				
Alpha Spec Polonium	0	0	8	0
Gamma I-131, filter	5	0	5	0
Alpha Spec Neptunium	69	0	109	0
LSC Plutonium Filter	74	0	129	0
Tritium	34	0	242	0
Carbon-14 Direct Count	0	0	54	0
Carbon-14	1	0	97	0
ICP-MS Tc-99 in Filter	0	0	5	0
Nickel-63	0	0	25	0
LSC Iron-55	76	0	94	0
Gamma Nickel 59 RAD A-022	84	0	110	0
Alpha Spec Californium FPL	12	0	12	0
LSC Nickel 63	71	0	98	0
Technetium-99	7	0	103	0
Gamma Spec Filter RAD A-013	158	0	246	0
ICP-MS Tc-99 Prep in Filter	0	0	9	0
Alphaspec Np Filter per Liter	19	0	24	0
Alphaspec Pu Filter per Liter	19	0	33	0
Gamma Iodine-129	1	0	79	0
Alpha Spec Am243	17	0	38	0
Gas Flow Lead 210	1	0	6	0
Alpha Spec Uranium	49	0	118	0
LSC Promethium 147	0	0	1	0
LSC, Rapid Strontium 89 and 90	89	0	107	0
Alpha Spec Thorium	34	0	91	0
Gas Flow Radium 228	2	0	16	0
Alpha Spec Plutonium	48	0	121	0
ICP-MS Uranium-233, 234 in Filter	1	0	10	0
LSC Sulfur 35	0	0	1	0
Alpha Spec Plutonium	96	0	176	0
Alpha Spec Plutonium	11	0	11	0
Alpha Spec Polonium,(Filter/Liter)	0	0	2	0
Alpha Spec Radium 226	0	0	13	0
Gas Flow Sr 2nd Count	34	0	60	0

2020 Total All Intra-Laboratory Data	Bias Criteria (+ / - 25%)	Precision Criteria (Note 1)	101	0
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Lucas Cell Radium-226	0	0	12	0
Alpha Spec Am241Curium	101	0	181	0
ICP-MS Uranium-233, 234 Prep in Filter	1	0	9	0
ICP-MS Uranium-235, 236, 238 in Filter	4	0	13	0
Total Activity in Filter,	0	0	51	0
Alphaspec Am241 Curium Filter per Liter	33	0	76	0
Tritium	96	0	130	0
GFC Chlorine-36 in Filters	0	0	1	0
Gamma Spec Filter RAD A-013 Direct Count	3	0	9	0
Carbon-14	22	0	35	0
GFC Chlorine-36 in Filters PL	1	0	1	0
Gross A & B (Americium Calibration) Liquid	1	0	42	0
Direct Count-Gross Alpha/Beta	89	0	0	0
Gross Alpha/Beta	41	0	57	0
ICP-MS Uranium-234, 235, 236, 238 in Filter	7	0	55	0
ICP-MS Uranium-235, 236, 238 Prep in Filter	4	0	12	0
Alpha Spec U	33	0	77	0
Gross A & B	568	0	443	0
LSC Iron-55	8	0	17	0
Technetium-99	29	0	49	0
Gas Flow Sr-90	19	0	45	0
LSC Nickel 63	37	0	45	0
Gamma Spec Charcoal	11	0	11	0
Gas Flow Pb-210	13	0	34	0
Gas Flow Ra-228	13	0	28	0
Gross Alpha Beta (Flame, Unflame)	10	0	10	0
Direct Count- Alpha/Beta (Americium Calibration)	21	0	0	0
Gamma Iodine 129	8	0	8	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Filter	3	0	27	0
Gamma Spec Filter	99	0	154	0
Lucas Cell Ra-226	8	0	38	0
Alpha Spec Thorium	23	0	47	0
LIQUID				
Alpha Spec Uranium	496	0	756	0
Alpha Spec Polonium	19	0	20	0
Alpha Spec Neptunium	172	0	236	0
Tritium	1276	0	1383	0
Carbon-14	186	0	219	0
Plutonium	131	0	151	0
Chlorine-36 in Liquids	4	0	5	0
Iodine-131	6	0	4	0
LSC Iron-55	100	0	167	0
Gamma Nickel 59 RAD A-022	27	0	43	0
Gamma Iodine 131 RAD A-013	2	0	2	0
LSC Nickel 63	144	0	197	0
LSC Radon 222	18	0	22	0
Technetium-99	673	0	720	0
Gamma Spec Liquid RAD A-013	859	0	970	0
Alpha Spec Total U RAD A-011	24	0	40	0
LSC Selenium 79	38	0	38	0
Total Activity,	15	0	20	0
Alpha Spec Am243	20	0	26	0
Gamma Iodine-129	145	0	182	0
Gamma Iodine-131	6	0	7	0
ICP-MS Technetium-99 in Water	8	0	9	0

2020 Total All Intra-Laboratory Data	Bias Criteria (+ / - 25%)	Precision Criteria (Note 1)	16	0
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
LSC, Rapid Strontium 89 and 90	9	0	15	0
Alpha Spec Thorium	237	0	316	0
Gas Flow Radium 228	14	0	7	0
Gas Flow Radium 228	682	0	728	0
Alpha Spec Plutonium	354	0	482	0
LSC Sulfur 35	17	0	17	0
Alpha Spec Plutonium	41	0	51	0
Alpha Spec Radium 226	32	0	37	0
Gas Flow Sr 2nd count	102	0	161	0
Gas Flow Strontium 90	511	0	584	0
Gas Flow Strontium 90	5	0	5	0
Gas Flow Total Radium	428	0	328	0
ICP-MS Technetium-99 Prep in Water	8	0	9	0
ICP-MS Uranium-233, 234 in Liquid	7	0	11	0
LSC Calcium 45	15	0	15	0
Lucas Cell Radium 226	372	0	597	0
Lucas Cell Radium-226	12	0	13	0
Chlorine-36 in Liquids	19	0	21	0
Alpha Spec Am241 Curium	317	0	427	0
Gas Flow Total Strontium	100	0	103	0
Gross Alpha Non Vol Beta	868	0	1213	0
LSC Phosphorus-32	4	0	4	0
ICP-MS Uranium-233, 234 Prep in Liquid	5	0	9	0
Tritium in Drinking Water by EPA 906.0	5	0	5	0
Gamma Spec Liquid RAD A-013 with Ba, La	78	0	203	0
Gamma Spec Liquid RAD A-013 with Iodine	97	0	174	0
Gas Flow Strontium 89 & 90	2	0	3	0
ICP-MS Uranium-235, 236, 238 in Liquid	11	0	13	0
Gas Flow Total Alpha Radium	15	0	15	0
Gross Alpha Co-precipitation	3	0	28	0
ICP-MS Uranium-235, 236, 238 Prep in Liquid	7	0	11	0
Gross Alpha/Beta	0	0	1	0
ICP-MS Uranium-234, 235, 236, 238 in Liquid	147	0	132	0
Gross Alpha Beta (Flame, Unflame)	284	0	303	0
Gross Alpha Beta (Americium Calibration) Liquid	47	0	95	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Liquid	69	0	66	0
Alpha/Beta (Americium Calibration) Drinking Water	38	0	37	0
TISSUE				
Gamma Spec Solid RAD A-013	48	0	63	0
Alpha Spec Uranium	5	0	6	0
Alpha Spec Plutonium	5	0	5	0
Gas Flow Sr 2nd count	12	0	10	0
Gas Flow Strontium 90	7	0	6	0
Alpha Spec Am241 Curium	3	0	3	0
Gas Flow Total Strontium	8	0	7	0
Gamma Spec Solid RAD A-013 with Iodine	21	0	21	0
Gross Alpha/Beta	3	0	3	0
VEGETATION				
Carbon-14	3	0	2	0
Gamma Spec Solid RAD A-013	39	0	36	0
Tritium	2	0	1	0
Gas Flow Lead 210	0	0	5	0
Alpha Spec Uranium	25	0	21	0
Alpha Spec Thorium	10	0	10	0
Alpha Spec Plutonium	24	0	17	0

2020 Total All Intra-Laboratory Data	Bias Criteria (+ / - 25%)	Precision Criteria (Note 1)	11	0
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Alpha Spec Am241 Curium	6	0	5	0
Gamma Spec Solid RAD A-013 with Iodine	83	0	110	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	3	0	3	0
Alpha Spec Am241 (pCi/Sample)	3	0	3	0
Alpha Spec Uranium	0	0	3	0
Gross Alpha/Beta	5	0	8	0
Alpha Spec Plutonium	0	0	3	0
Gas Flow Strontium 90	6	0	3	0
AIR CHARCOAL				
Gamma Iodine-129	19	0	8	0
Carbon-14	15	0	15	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	35	0	35	0
Gamma Spec Charcoal	15	0	15	0
Gamma Iodine 129	15	0	15	0
DRINKING WATER				
Alpha Spec Uranium	2	0	1	0
Tritium	38	0	41	0
LSC Iron-55	14	0	16	0
LSC Nickel 63	14	0	16	0
LSC Radon 222	9	0	10	0
Gamma Spec Liquid RAD A-013	4	0	4	0
Gamma Iodine-129	3	0	5	0
Gamma Iodine-131	31	0	22	0
Gas Flow Lead 210	1	0	1	0
Gas Flow Radium 228	43	0	46	0
Gas Flow Radium 228	0	0	3	0
Gas Flow Sr 2nd count	15	0	14	0
Gas Flow Strontium 90	12	0	13	0
Gas Flow Total Radium	2	0	1	0
Lucas Cell Radium 226	3	0	3	0
Lucas Cell Radium-226	48	0	46	0

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

Table C-5

2020 Corrective Action Report Summary

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
CARR 201214-1296 ISO Documentation of PT Failures in MAPEP 43: Fe-55 in Soil	**Root Cause Analysis** Upon receipt of the PT report, an investigation was initiated by the Quality Department and a Corrective Action (CARR) team assembled. The team consisted of representatives from the affected areas. The sample preparation and analytical processes were reviewed. This included review of reagents and standards used in the sample preparation steps, calibration records, process control samples, and interviews with the analysts. The investigation determined that the laboratory met all quality control criteria specified in the method. Additionally, all internal procedures and policies were performed as required. These failures were tracked through GEL's internal non-conformance system. Iron-55: The laboratory reviewed the data and noted that the tracer recoveries for this analysis were lower than typical soil tracer recoveries. The lower tracer recoveries contributed to an uncertainty of approximately 25% **The sample was recounted and recovered at 97% of the known value.** Permanent Corrective/Preventive Actions or Improvements None at this time. The laboratory will continue to monitor the recoveries of these parameters to ensure that there are no continued issues in the processes.
CARR 200902-1287 ISO Documentation of PT Failures in RAD-122 in drinking water for: • Ba-133 • Co-60	**Root Cause Analysis** The data was reviewed and no anomalies were noted. The batch duplicate result from the original analysis met the acceptance criteria of the study and replication criteria of the laboratory with RPDs of <10% for both isotopes. Laboratory processes were evaluated and no gross errors were found. The other reported analytes for this method were within the limits of the study. A definitive contributor to the slightly high bias could not be identified concluding that this was an isolated occurrence for these isotopes.

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
	Permanent Corrective/Preventive Actions or Improvements None at this time. A reanalysis was performed and results were within acceptance limits. The laboratory will continue to monitor the recoveries of these parameters to ensure that there are no continued issues in the processes
CARR 200902-1278 ISO Documentation of PT Failures in MRAD-32 for: • U-238 filter • Total U (mass) filter • U-234 (water) • Total U water	**Root Cause Analysis** Filter: The sample was analyzed at 20X. As part of the investigation, the sample was reanalyzed at 5X and the results were within acceptance limits. Water: The samples were reanalyzed, and the results were within the acceptance limits. In reviewing the data, the laboratory suspects a possible bias in the lower end of the calibration. **Permanent Corrective/Preventive Actions or Improvements** Filter: The laboratory will be analyzing the sample without dilutions. The dilutions will only be performed when necessary. Water: The laboratory will be adding another point to the lower end of the calibration to remove potential bias in that section of the calibration. The laboratory successfully analyzed these isotopes during the next round of MRAD samples.
CARR 200224-1274 ISO Documentation of PT Failures in RAD-120 • Sr-89 • Tritium • I-131	**Root Cause Analysis** Strontium-89-A review of the data and the preparation processes did not reveal any errors or possible contributors to the high bias. In addition, the reported values are 117% and 114% of the reference value which are with the laboratory's standard acceptance criteria of +/- 25% for Laboratory Control Samples. Tritium-All data and laboratory processes were evaluated, and no errors were found. The Laboratory has concluded that this low bias was an isolated occurrence and that the overall process is within control. Iodine-131- The laboratory has reviewed the data and found no errors. All batch QC samples including a duplicate, met acceptability criteria. The laboratory will continue to investigate all steps of the analytical process. .

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
	Permanent Corrective/Preventive Actions or Improvements None needed at this time. The laboratory must assume unidentified random errors caused the biases because all quality control criteria were met in the batch. Subsequent analyses of these isotopes for drinking water were acceptable in other PT samples during the year
CARR 200526-1279 ISO Documentation of PT failures in RAD-121 study	**Root Cause Analysis** Strontium-89-A review of the sample preparation processes and data set did not reveal any gross errors or possible contributors to the high bias. The reported values are 114% and 119% of the reference value which are within the laboratory's standard acceptance criteria of +/- 25% for Laboratory Control Samples and are within 1.96 sigma of the reference value of the study. **Permanent Corrective/Preventive Actions or Improvements** None needed at this time. The laboratory must conclude that unidentified random errors caused the bias due to all quality control criteria were acceptable in the laboratory batch. The laboratory has successfully completed RAD-122 for Sr-89 and will continue to monitor the recoveries of this parameter to ensure that there are no continued issues

Environmental TLDs

Environmental dosimetry services for the reporting period of January – December, 2020 were provided by the Environmental Dosimetry Company (EDC), Sterling, Massachusetts. The TLD systems at the Environmental Dosimetry Company (EDC) are calibrated and operated to ensure consistent and accurate evaluation of TLDs. The quality of the dosimetric results reported to EDC clients is ensured by in-house performance testing and independent performance testing by EDC clients.

The purpose of the dosimetry quality assurance program is to provide performance documentation of the routine processing of EDC dosimeters. Performance testing provides a statistical measure of the bias and precision of dosimetry processing against a reliable standard, which in turn points out any trends or performance changes. Dosimetry quality control tests are performed on EDC Panasonic 814 Environmental dosimeters. These tests include: (1) the in-house testing program conducted by the EDC QA Officer and (2) independent tests performed by EDC clients. In-house tests are performed using six pairs of 814 dosimeters, a pair is reported as an individual result and six pairs are reported as the mean result.

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

Table C-6 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 C-7 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 C-8 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 C-6

Percentage of Individual Dosimeters That Passed EDC Internal Criteria
January – December 2020[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 C-7

Mean Dosimeter Analyses (N=6)
JANUARY – DECEMBER 2020[1], [2]

Process Date	Exposure Level	Mean Bias %	Standard Deviation %	Tolerance Limit +/-15%
4/28/2020	37	1.8	1.2	Pass
5/2/2020	94	2.9	1.4	Pass
5/20/2020	56	-0.5	1.4	Pass
7/28/2020	72	4.1	0.6	Pass
8/7/2020	111	4	1.3	Pass
9/24/2020	25	-4.6	1.2	Pass
10/24/2020	35	5.2	1.6	Pass
10/28/2020	60	1.6	0.7	Pass
11/18/2020	91	0.5	1.6	Pass
1/21/2021	31	3.8	1.7	Pass
2/9/2021	83	0.3	0.8	Pass
2/16/2021	46	5.3	1.5	Pass

[1] This table summarizes results of tests conducted by EDC for TLDs issued in 2020.
[2] Environmental dosimeter results are free in air.

Table C-8
Summary of Independent Blind Spike Dosimeter Testing
JANUARY – DECEMBER 2020[1], [2]

Issuance Period	Client	Mean Bias %	Standard Deviation %	Pass / Fail
1st QTR 2020	Millstone	-3.8	3	Pass
2nd QTR 2020	Seabrook	0.5	1.4	Pass
2nd QTR 2020	Millstone	-3	1.6	Pass
3rd QTR 2020	Millstone	0.4	2.6	Pass
4th QTR 2020	PSEG(PNNL)	-3.2	0.9	Pass
4th QTR 2020	Seabrook	6.9	1.9	Pass
4th QTR 2020	SONGS	-8.4	1.3	Pass
4th QTR 2020	Millstone	3	1.9	Pass

[1] Performance criteria are +/- 15%.
[2] Blind spike irradiations using Cs-137

APPENDIX D

2020 DATA SUMMARY

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	NBF	500830	001	1/8/20	BETA	3.21E-02	1.61E-03	1.45E-03	
AP	SBN	500830	002	1/8/20	BETA	3.14E-02	1.56E-03	1.39E-03	
AP	DOW	500830	003	1/8/20	BETA	4.04E-02	1.93E-03	1.66E-03	
AP	COL	500830	004	1/8/20	BETA	3.23E-02	1.59E-03	1.48E-03	
AP	ONS-1	500830	005	1/8/20	BETA	3.15E-02	1.63E-03	1.51E-03	
AP	ONS-2	500830	006	1/8/20	BETA	3.31E-02	1.66E-03	1.49E-03	
AP	ONS-3	500830	007	1/8/20	BETA	3.77E-02	1.89E-03	1.69E-03	
AP	ONS-4	500830	008	1/8/20	BETA	3.18E-02	1.63E-03	1.57E-03	
AP	ONS-5	500830	009	1/8/20	BETA	2.83E-02	1.50E-03	1.41E-03	
AP	ONS-6	500830	010	1/8/20	BETA	3.13E-02	1.55E-03	1.38E-03	
AP	NBF	501573	001	1/15/20	BETA	3.75E-02	2.07E-03	2.13E-03	
AP	SBN	501573	002	1/15/20	BETA	2.50E-02	1.58E-03	1.74E-03	
AP	DOW	501573	003	1/15/20	BETA	2.72E-02	1.55E-03	1.55E-03	
AP	COL	501573	004	1/15/20	BETA	2.82E-02	1.65E-03	1.75E-03	
AP	ONS-1	501573	005	1/15/20	BETA	3.10E-02	2.03E-03	2.39E-03	
AP	ONS-2	501573	006	1/15/20	BETA	2.67E-02	1.61E-03	1.71E-03	
AP	ONS-3	501573	007	1/15/20	BETA	2.96E-02	1.62E-03	1.55E-03	
AP	ONS-4	501573	008	1/15/20	BETA	2.89E-02	1.65E-03	1.72E-03	
AP	ONS-5	501573	009	1/15/20	BETA	3.10E-02	1.87E-03	2.06E-03	
AP	ONS-6	501573	010	1/15/20	BETA	2.93E-02	1.70E-03	1.74E-03	
AP	NBF	502147	001	1/22/20	BETA	4.09E-02	1.88E-03	1.62E-03	
AP	SBN	502147	002	1/22/20	BETA	3.91E-02	1.78E-03	1.51E-03	
AP	DOW	502147	003	1/22/20	BETA	4.05E-02	1.85E-03	1.60E-03	
AP	COL	502147	004	1/22/20	BETA	4.25E-02	2.07E-03	1.82E-03	
AP	ONS-1	502147	005	1/22/20	BETA	3.84E-02	1.92E-03	1.78E-03	
AP	ONS-2	502147	006	1/22/20	BETA	3.73E-02	1.74E-03	1.52E-03	
AP	ONS-3	502147	007	1/22/20	BETA	3.82E-02	1.80E-03	1.59E-03	
AP	ONS-4	502147	008	1/22/20	BETA	3.99E-02	1.99E-03	1.77E-03	
AP	ONS-5	502147	009	1/22/20	BETA	3.84E-02	1.81E-03	1.60E-03	
AP	ONS-6	502147	010	1/22/20	BETA	3.74E-02	1.74E-03	1.51E-03	
AP	NBF	502866	001	1/29/20	BETA	2.86E-02	1.67E-03	1.70E-03	
AP	SBN	502866	002	1/29/20	BETA	3.33E-02	1.86E-03	1.84E-03	
AP	DOW	502866	003	1/29/20	BETA	2.62E-02	1.60E-03	1.63E-03	
AP	COL	502866	004	1/29/20	BETA	2.25E-02	1.43E-03	1.52E-03	
AP	ONS-1	502866	005	1/29/20	BETA	2.59E-02	1.66E-03	1.82E-03	
AP	ONS-2	502866	006	1/29/20	BETA	3.18E-02	1.84E-03	1.87E-03	
AP	ONS-3	502866	007	1/29/20	BETA	2.50E-02	1.58E-03	1.66E-03	
AP	ONS-4	502866	008	1/29/20	BETA	2.58E-02	1.56E-03	1.58E-03	
AP	ONS-5	502866	009	1/29/20	BETA	2.42E-02	1.52E-03	1.64E-03	
AP	ONS-6	502866	010	1/29/20	BETA	2.69E-02	1.77E-03	1.98E-03	
AP	NBF	503616	001	2/5/20	BETA	3.09E-02	1.89E-03	2.03E-03	
AP	SBN	503616	002	2/5/20	BETA	2.46E-02	1.53E-03	1.66E-03	
AP	DOW	503616	003	2/5/20	BETA	2.42E-02	1.51E-03	1.69E-03	
AP	COL	503616	004	2/5/20	BETA	2.46E-02	1.55E-03	1.68E-03	
AP	ONS-1	503616	005	2/5/20	BETA	2.72E-02	1.76E-03	1.99E-03	
AP	ONS-2	503616	006	2/5/20	BETA	2.48E-02	1.52E-03	1.62E-03	
AP	ONS-3	503616	007	2/5/20	BETA	2.82E-02	1.64E-03	1.73E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-4	503616	008	2/5/20	BETA	2.33E-02	1.51E-03	1.68E-03	
AP	ONS-5	503616	009	2/5/20	BETA	2.58E-02	1.69E-03	1.93E-03	
AP	ONS-6	503616	010	2/5/20	BETA	2.59E-02	1.62E-03	1.77E-03	
AP	NBF	504322	001	2/12/20	BETA	2.77E-02	1.61E-03	1.65E-03	
AP	SBN	504322	002	2/12/20	BETA	2.35E-02	1.42E-03	1.55E-03	
AP	DOW	504322	003	2/12/20	BETA	2.26E-02	1.42E-03	1.53E-03	
AP	COL	504322	004	2/12/20	BETA	3.02E-02	1.82E-03	1.93E-03	
AP	ONS-1	504322	005	2/12/20	BETA	2.10E-02	1.39E-03	1.58E-03	
AP	ONS-2	504322	006	2/12/20	BETA	2.52E-02	1.47E-03	1.57E-03	
AP	ONS-3	504322	007	2/12/20	BETA	2.23E-02	1.42E-03	1.56E-03	
AP	ONS-4	504322	008	2/12/20	BETA	2.81E-02	1.73E-03	1.87E-03	
AP	ONS-5	504322	009	2/12/20	BETA	2.79E-02	1.59E-03	1.60E-03	
AP	ONS-6	504322	010	2/12/20	BETA	2.37E-02	1.45E-03	1.60E-03	
AP	NBF	505041	001	2/19/20	BETA	3.14E-02	1.73E-03	1.66E-03	
AP	SBN	505041	002	2/19/20	BETA	2.90E-02	1.56E-03	1.48E-03	
AP	DOW	505041	003	2/19/20	BETA	2.71E-02	1.55E-03	1.54E-03	
AP	COL	505041	004	2/19/20	BETA	3.45E-02	1.90E-03	1.82E-03	
AP	ONS-1	505041	005	2/19/20	BETA	3.07E-02	1.64E-03	1.54E-03	
AP	ONS-2	505041	006	2/19/20	BETA	2.64E-02	1.49E-03	1.48E-03	
AP	ONS-3	505041	007	2/19/20	BETA	2.87E-02	1.63E-03	1.61E-03	
AP	ONS-4	505041	008	2/19/20	BETA	3.58E-02	1.91E-03	1.79E-03	
AP	ONS-5	505041	009	2/19/20	BETA	3.20E-02	1.68E-03	1.55E-03	
AP	ONS-6	505041	010	2/19/20	BETA	2.56E-02	1.49E-03	1.51E-03	
AP	NBF	505570	001	2/26/20	BETA	5.10E-02	2.34E-03	1.93E-03	
AP	SBN	505570	002	2/26/20	BETA	4.24E-02	1.96E-03	1.61E-03	
AP	DOW	505570	003	2/26/20	BETA	3.95E-02	1.84E-03	1.53E-03	
AP	COL	505570	004	2/26/20	BETA	4.41E-02	2.03E-03	1.66E-03	
AP	ONS-1	505570	005	2/26/20	BETA	4.76E-02	2.24E-03	1.89E-03	
AP	ONS-2	505570	006	2/26/20	BETA	4.18E-02	1.97E-03	1.65E-03	
AP	ONS-3	505570	007	2/26/20	BETA	4.10E-02	1.88E-03	1.55E-03	
AP	ONS-4	505570	008	2/26/20	BETA	4.12E-02	1.94E-03	1.63E-03	
AP	ONS-5	505570	009	2/26/20	BETA	5.39E-02	2.37E-03	1.88E-03	
AP	ONS-6	505570	010	2/26/20	BETA	4.28E-02	2.05E-03	1.74E-03	
AP	NBF	506261	001	3/4/20	BETA	2.54E-02	1.58E-03	1.68E-03	
AP	SBN	506261	002	3/4/20	BETA	3.14E-02	1.85E-03	1.91E-03	
AP	DOW	506261	003	3/4/20	BETA	2.78E-02	1.68E-03	2.16E-03	
AP	COL	506261	004	3/4/20	BETA	2.99E-02	1.64E-03	1.55E-03	
AP	ONS-1	506261	005	3/4/20	BETA	2.71E-02	1.60E-03	1.66E-03	
AP	ONS-2	506261	006	3/4/20	BETA	3.18E-02	1.88E-03	1.94E-03	
AP	ONS-3	506261	007	3/4/20	BETA	2.49E-02	1.62E-03	2.18E-03	
AP	ONS-4	506261	008	3/4/20	BETA	2.55E-02	1.54E-03	1.59E-03	
AP	ONS-5	506261	009	3/4/20	BETA	2.48E-02	1.55E-03	1.66E-03	
AP	ONS-6	506261	010	3/4/20	BETA	3.37E-02	1.97E-03	2.02E-03	
AP	NBF	506925	001	3/11/20	BETA	2.15E-02	1.41E-03	1.61E-03	
AP	SBN	506925	002	3/11/20	BETA	2.80E-02	1.70E-03	1.74E-03	
AP	DOW	506925	003	3/11/20	BETA	2.30E-02	1.44E-03	1.54E-03	
AP	COL	506925	004	3/11/20	BETA	2.28E-02	1.41E-03	1.49E-03	
AP	ONS-1	506925	005	3/11/20	BETA	2.59E-02	1.51E-03	1.57E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-2	506925	006	3/11/20	BETA	3.02E-02	1.75E-03	1.73E-03	
AP	ONS-3	506925	007	3/11/20	BETA	2.73E-02	1.56E-03	1.54E-03	
AP	ONS-4	506925	008	3/11/20	BETA	2.42E-02	1.44E-03	1.47E-03	
AP	ONS-5	506925	009	3/11/20	BETA	2.26E-02	1.44E-03	1.61E-03	
AP	ONS-6	506925	010	3/11/20	BETA	2.85E-02	1.65E-03	1.63E-03	
AP	NBF	507504	001	3/18/20	BETA	2.71E-02	1.62E-03	1.74E-03	
AP	SBN	507504	002	3/18/20	BETA	3.30E-02	1.69E-03	1.51E-03	
AP	DOW	507504	003	3/18/20	BETA	3.01E-02	1.64E-03	1.59E-03	
AP	COL	507504	004	3/18/20	BETA	3.89E-02	2.02E-03	1.92E-03	
AP	ONS-1	507504	005	3/18/20	BETA	3.21E-02	1.71E-03	1.68E-03	
AP	ONS-2	507504	006	3/18/20	BETA	2.92E-02	1.61E-03	1.53E-03	
AP	ONS-3	507504	007	3/18/20	BETA	3.09E-02	1.69E-03	1.64E-03	
AP	ONS-4	507504	008	3/18/20	BETA	3.54E-02	1.91E-03	1.88E-03	
AP	ONS-5	507504	009	3/18/20	BETA	3.11E-02	1.68E-03	1.67E-03	
AP	ONS-6	507504	010	3/18/20	BETA	2.83E-02	1.60E-03	1.56E-03	
AP	NBF	507951	001	3/25/20	BETA	2.62E-02	1.54E-03	1.60E-03	
AP	SBN	507951	002	3/25/20	BETA	2.96E-02	1.74E-03	1.76E-03	
AP	DOW	507951	003	3/25/20	BETA	2.58E-02	1.54E-03	1.77E-03	
AP	COL	507951	004	3/25/20	BETA	2.37E-02	1.50E-03	1.80E-03	
AP	ONS-1	507951	005	3/25/20	BETA	2.48E-02	1.47E-03	1.52E-03	
AP	ONS-2	507951	006	3/25/20	BETA	3.02E-02	1.78E-03	1.81E-03	
AP	ONS-3	507951	007	3/25/20	BETA	2.49E-02	1.52E-03	1.76E-03	
AP	ONS-4	507951	008	3/25/20	BETA	2.40E-02	1.44E-03	1.53E-03	
AP	ONS-5	507951	009	3/25/20	BETA	2.62E-02	1.54E-03	1.60E-03	
AP	ONS-6	507951	010	3/25/20	BETA	3.01E-02	1.78E-03	1.80E-03	
AP	NBF	508799	001	4/1/20	BETA	1.95E-02	1.33E-03	1.58E-03	
AP	SBN	508799	002	4/1/20	BETA	1.88E-02	1.33E-03	1.61E-03	
AP	DOW	508799	003	4/1/20	BETA	2.47E-02	1.64E-03	1.89E-03	
AP	COL	508799	004	4/1/20	BETA	1.85E-02	1.35E-03	1.74E-03	
AP	ONS-1	508799	005	4/1/20	BETA	1.95E-02	1.31E-03	1.53E-03	
AP	ONS-2	508799	006	4/1/20	BETA	1.64E-02	1.27E-03	1.66E-03	
AP	ONS-3	508799	007	4/1/20	BETA	2.59E-02	1.68E-03	1.89E-03	
AP	ONS-4	508799	008	4/1/20	BETA	1.71E-02	1.29E-03	1.70E-03	
AP	ONS-5	508799	009	4/1/20	BETA	2.19E-02	1.40E-03	1.57E-03	
AP	ONS-6	508799	010	4/1/20	BETA	1.81E-02	1.33E-03	1.67E-03	
AP	NBF	509203	001	4/8/20	BETA	2.25E-02	1.46E-03	1.65E-03	
AP	SBN	509203	002	4/8/20	BETA	2.40E-02	1.60E-03	1.85E-03	
AP	DOW	509203	003	4/8/20	BETA	2.40E-02	1.50E-03	1.71E-03	
AP	COL	509203	004	4/8/20	BETA	2.20E-02	1.40E-03	1.57E-03	
AP	ONS-1	509203	005	4/8/20	BETA	2.51E-02	1.49E-03	1.58E-03	
AP	ONS-2	509203	006	4/8/20	BETA	2.91E-02	1.77E-03	1.89E-03	
AP	ONS-3	509203	007	4/8/20	BETA	2.20E-02	1.44E-03	1.71E-03	
AP	ONS-4	509203	008	4/8/20	BETA	1.91E-02	1.30E-03	1.54E-03	
AP	ONS-5	509203	009	4/8/20	BETA	2.09E-02	1.39E-03	1.62E-03	
AP	ONS-6	509203	010	4/8/20	BETA	2.16E-02	1.54E-03	1.87E-03	
AP	NBF	509639	001	4/15/20	BETA	3.40E-02	1.76E-03	1.67E-03	
AP	SBN	509639	002	4/15/20	BETA	3.12E-02	1.63E-03	1.58E-03	
AP	DOW	509639	003	4/15/20	BETA	3.04E-02	1.65E-03	1.57E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	COL	509639	004	4/15/20	BETA	3.64E-02	1.95E-03	1.82E-03	
AP	ONS-1	509639	005	4/15/20	BETA	2.94E-02	1.66E-03	1.69E-03	
AP	ONS-2	509639	006	4/15/20	BETA	3.18E-02	1.65E-03	1.61E-03	
AP	ONS-3	509639	007	4/15/20	BETA	3.23E-02	1.69E-03	1.57E-03	
AP	ONS-4	509639	008	4/15/20	BETA	3.92E-02	2.01E-03	1.80E-03	
AP	ONS-5	509639	009	4/15/20	BETA	3.35E-02	1.73E-03	1.64E-03	
AP	ONS-6	509639	010	4/15/20	BETA	3.03E-02	1.66E-03	1.69E-03	
AP	NBF	510082	001	4/22/20	BETA	3.08E-02	1.71E-03	1.83E-03	
AP	SBN	510082	002	4/22/20	BETA	3.13E-02	1.66E-03	1.51E-03	
AP	DOW	510082	003	4/22/20	BETA	2.67E-02	1.55E-03	1.59E-03	
AP	COL	510082	004	4/22/20	BETA	3.56E-02	1.94E-03	1.85E-03	
AP	ONS-1	510082	005	4/22/20	BETA	3.14E-02	1.72E-03	1.81E-03	
AP	ONS-2	510082	006	4/22/20	BETA	2.90E-02	1.60E-03	1.50E-03	
AP	ONS-3	510082	007	4/22/20	BETA	3.04E-02	1.69E-03	1.67E-03	
AP	ONS-4	510082	008	4/22/20	BETA	3.54E-02	1.98E-03	1.92E-03	
AP	ONS-5	510082	009	4/22/20	BETA	3.39E-02	1.80E-03	1.85E-03	
AP	ONS-6	510082	010	4/22/20	BETA	2.91E-02	1.62E-03	1.54E-03	
AP	NBF	510473	001	4/29/20	BETA	3.15E-02	1.75E-03	2.03E-03	
AP	SBN	510473	002	4/29/20	BETA	3.36E-02	1.68E-03	1.55E-03	
AP	DOW	510473	003	4/29/20	BETA	3.35E-02	1.74E-03	1.62E-03	
AP	COL	510473	004	4/29/20	BETA	3.92E-02	2.03E-03	1.84E-03	
AP	ONS-1	510473	005	4/29/20	BETA	3.27E-02	1.73E-03	1.94E-03	
AP	ONS-2	510473	006	4/29/20	BETA	2.94E-02	1.61E-03	1.62E-03	
AP	ONS-3	510473	007	4/29/20	BETA	3.17E-02	1.67E-03	1.58E-03	
AP	ONS-4	510473	008	4/29/20	BETA	3.66E-02	1.95E-03	1.81E-03	
AP	ONS-5	510473	009	4/29/20	BETA	3.62E-02	1.86E-03	2.03E-03	
AP	ONS-6	510473	010	4/29/20	BETA	3.25E-02	1.66E-03	1.57E-03	
AP	NBF	510637	001	4/1/20	Ac-228	-2.63E-06	1.47E-04	5.10E-04	U
AP	NBF	510637	001	4/1/20	Sb-124	2.23E-04	2.41E-04	8.62E-04	U
AP	NBF	510637	001	4/1/20	Sb-125	1.03E-06	8.64E-05	2.83E-04	U
AP	NBF	510637	001	4/1/20	Ba-140	1.13E-02	9.94E-03	3.38E-02	U
AP	NBF	510637	001	4/1/20	Be-7	6.36E-02	4.38E-03	1.95E-03	
AP	NBF	510637	001	4/1/20	Ce-141	-1.74E-04	1.92E-04	6.19E-04	U
AP	NBF	510637	001	4/1/20	Ce-144	-7.03E-05	1.56E-04	5.23E-04	U
AP	NBF	510637	001	4/1/20	Cs-134	-5.93E-05	4.19E-05	1.16E-04	U
AP	NBF	510637	001	4/1/20	Cs-137	-2.28E-05	4.21E-05	1.22E-04	U
AP	NBF	510637	001	4/1/20	Cr-51	5.18E-04	1.66E-03	5.60E-03	U
AP	NBF	510637	001	4/1/20	Co-57	-2.23E-05	2.55E-05	7.09E-05	U
AP	NBF	510637	001	4/1/20	Co-58	2.96E-04	1.21E-04	2.09E-04	UI
AP	NBF	510637	001	4/1/20	Co-60	3.09E-05	4.15E-05	1.47E-04	U
AP	NBF	510637	001	4/1/20	I-131	-6.91E-03	3.18E-02	0.00E+00	U
AP	NBF	510637	001	4/1/20	Fe-59	2.54E-06	2.20E-04	7.07E-04	U
AP	NBF	510637	001	4/1/20	La-140	6.02E-04	4.33E-03	1.43E-02	U
AP	NBF	510637	001	4/1/20	Mn-54	-3.25E-05	3.70E-05	1.12E-04	U
AP	NBF	510637	001	4/1/20	Nb-95	-1.24E-04	9.46E-05	2.46E-04	U
AP	NBF	510637	001	4/1/20	K-40	1.04E-03	6.43E-04	1.21E-03	U
AP	NBF	510637	001	4/1/20	Ru-103	4.76E-05	1.29E-04	3.56E-04	U
AP	NBF	510637	001	4/1/20	Ru-106	1.37E-03	4.14E-04	8.75E-04	UI

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	NBF	510637	001	4/1/20	Se-75	2.73E-05	6.61E-05	2.25E-04	U
AP	NBF	510637	001	4/1/20	Ag-108m	1.43E-05	2.52E-05	8.54E-05	U
AP	NBF	510637	001	4/1/20	Ag-110m	-3.96E-05	5.88E-05	1.55E-04	U
AP	NBF	510637	001	4/1/20	Th-228	1.05E-04	1.25E-04	1.93E-04	U
AP	NBF	510637	001	4/1/20	Zn-65	1.44E-04	1.09E-04	3.91E-04	U
AP	NBF	510637	001	4/1/20	Zr-95	9.01E-05	1.32E-04	4.45E-04	U
AP	SBN	510637	002	4/1/20	Ac-228	-1.03E-04	2.09E-04	6.33E-04	U
AP	SBN	510637	002	4/1/20	Sb-124	-2.91E-04	2.48E-04	6.82E-04	U
AP	SBN	510637	002	4/1/20	Sb-125	-4.38E-05	1.08E-04	3.53E-04	U
AP	SBN	510637	002	4/1/20	Ba-140	7.37E-03	1.14E-02	3.81E-02	U
AP	SBN	510637	002	4/1/20	Be-7	6.41E-02	4.07E-03	2.77E-03	
AP	SBN	510637	002	4/1/20	Ce-141	-8.91E-05	2.80E-04	9.32E-04	U
AP	SBN	510637	002	4/1/20	Ce-144	3.78E-05	2.46E-04	8.38E-04	U
AP	SBN	510637	002	4/1/20	Cs-134	-7.66E-05	4.97E-05	1.25E-04	U
AP	SBN	510637	002	4/1/20	Cs-137	4.50E-05	4.26E-05	1.38E-04	U
AP	SBN	510637	002	4/1/20	Cr-51	-2.62E-04	2.42E-03	7.67E-03	U
AP	SBN	510637	002	4/1/20	Co-57	-4.43E-05	3.31E-05	1.02E-04	U
AP	SBN	510637	002	4/1/20	Co-58	3.79E-04	1.10E-04	2.91E-04	UI
AP	SBN	510637	002	4/1/20	Co-60	-8.23E-06	4.57E-05	1.51E-04	U
AP	SBN	510637	002	4/1/20	I-131	5.26E-02	5.03E-02	0.00E+00	UI
AP	SBN	510637	002	4/1/20	Fe-59	-1.92E-04	2.69E-04	8.17E-04	U
AP	SBN	510637	002	4/1/20	La-140	1.09E-02	4.90E-03	1.67E-02	U
AP	SBN	510637	002	4/1/20	Mn-54	3.72E-05	5.33E-05	1.70E-04	U
AP	SBN	510637	002	4/1/20	Nb-95	1.54E-04	1.01E-04	3.43E-04	U
AP	SBN	510637	002	4/1/20	K-40	-1.14E-03	6.98E-04	2.20E-03	U
AP	SBN	510637	002	4/1/20	Ru-103	2.18E-04	1.59E-04	5.31E-04	U
AP	SBN	510637	002	4/1/20	Ru-106	-7.08E-05	4.10E-04	1.32E-03	U
AP	SBN	510637	002	4/1/20	Se-75	1.16E-04	1.27E-04	2.54E-04	U
AP	SBN	510637	002	4/1/20	Ag-108m	-2.62E-05	3.20E-05	1.01E-04	U
AP	SBN	510637	002	4/1/20	Ag-110m	2.35E-05	6.84E-05	2.32E-04	U
AP	SBN	510637	002	4/1/20	Th-228	1.93E-04	1.49E-04	2.47E-04	U
AP	SBN	510637	002	4/1/20	Zn-65	-1.77E-04	1.38E-04	3.93E-04	U
AP	SBN	510637	002	4/1/20	Zr-95	-6.55E-05	1.48E-04	4.84E-04	U
AP	DOW	510637	003	4/1/20	Ac-228	-2.69E-04	1.87E-04	5.02E-04	U
AP	DOW	510637	003	4/1/20	Sb-124	-6.92E-05	2.47E-04	7.82E-04	U
AP	DOW	510637	003	4/1/20	Sb-125	-2.19E-06	9.08E-05	3.03E-04	U
AP	DOW	510637	003	4/1/20	Ba-140	2.30E-02	1.27E-02	3.42E-02	U
AP	DOW	510637	003	4/1/20	Be-7	6.29E-02	4.21E-03	2.51E-03	
AP	DOW	510637	003	4/1/20	Ce-141	5.26E-05	1.81E-04	6.06E-04	U
AP	DOW	510637	003	4/1/20	Ce-144	-1.26E-04	1.77E-04	5.57E-04	U
AP	DOW	510637	003	4/1/20	Cs-134	-1.56E-05	3.85E-05	1.24E-04	U
AP	DOW	510637	003	4/1/20	Cs-137	4.73E-05	4.53E-05	1.18E-04	U
AP	DOW	510637	003	4/1/20	Cr-51	-3.19E-03	1.94E-03	5.47E-03	U
AP	DOW	510637	003	4/1/20	Co-57	-6.57E-05	2.84E-05	6.55E-05	U
AP	DOW	510637	003	4/1/20	Co-58	7.38E-05	7.95E-05	2.80E-04	U
AP	DOW	510637	003	4/1/20	Co-60	8.99E-05	5.31E-05	1.95E-04	U
AP	DOW	510637	003	4/1/20	I-131	6.03E-02	3.85E-02	0.00E+00	UI
AP	DOW	510637	003	4/1/20	Fe-59	7.98E-05	2.45E-04	8.38E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	DOW	510637	003	4/1/20	La-140	-1.93E-03	4.21E-03	1.30E-02	U
AP	DOW	510637	003	4/1/20	Mn-54	-5.16E-06	4.94E-05	1.45E-04	U
AP	DOW	510637	003	4/1/20	Nb-95	-7.38E-05	7.71E-05	2.29E-04	U
AP	DOW	510637	003	4/1/20	K-40	-3.63E-05	6.23E-04	2.21E-03	U
AP	DOW	510637	003	4/1/20	Ru-103	3.45E-04	2.71E-04	4.16E-04	U
AP	DOW	510637	003	4/1/20	Ru-106	1.11E-04	4.15E-04	1.37E-03	U
AP	DOW	510637	003	4/1/20	Se-75	8.56E-05	6.80E-05	2.22E-04	U
AP	DOW	510637	003	4/1/20	Ag-108m	-1.58E-05	3.16E-05	1.01E-04	U
AP	DOW	510637	003	4/1/20	Ag-110m	-1.13E-04	8.17E-05	1.76E-04	U
AP	DOW	510637	003	4/1/20	Th-228	9.01E-05	7.89E-05	1.81E-04	U
AP	DOW	510637	003	4/1/20	Zn-65	-8.21E-05	9.90E-05	2.79E-04	U
AP	DOW	510637	003	4/1/20	Zr-95	-2.07E-04	1.60E-04	3.98E-04	U
AP	COL	510637	004	4/1/20	Ac-228	2.92E-05	1.74E-04	5.71E-04	U
AP	COL	510637	004	4/1/20	Sb-124	1.38E-05	2.61E-04	8.43E-04	U
AP	COL	510637	004	4/1/20	Sb-125	7.70E-05	9.46E-05	2.48E-04	U
AP	COL	510637	004	4/1/20	Ba-140	-5.30E-04	9.17E-03	2.97E-02	U
AP	COL	510637	004	4/1/20	Be-7	6.00E-02	3.93E-03	2.09E-03	
AP	COL	510637	004	4/1/20	Ce-141	5.90E-05	1.90E-04	6.11E-04	U
AP	COL	510637	004	4/1/20	Ce-144	2.18E-05	1.77E-04	5.66E-04	U
AP	COL	510637	004	4/1/20	Cs-134	-1.04E-05	4.24E-05	1.41E-04	U
AP	COL	510637	004	4/1/20	Cs-137	-2.84E-05	3.66E-05	1.04E-04	U
AP	COL	510637	004	4/1/20	Cr-51	-3.89E-03	2.00E-03	5.27E-03	U
AP	COL	510637	004	4/1/20	Co-57	2.69E-07	2.00E-05	5.88E-05	U
AP	COL	510637	004	4/1/20	Co-58	6.97E-05	7.09E-05	2.54E-04	U
AP	COL	510637	004	4/1/20	Co-60	1.41E-04	5.01E-05	1.36E-04	UI
AP	COL	510637	004	4/1/20	I-131	1.14E-02	3.25E-02	0.00E+00	UI
AP	COL	510637	004	4/1/20	Fe-59	2.05E-04	2.20E-04	7.87E-04	U
AP	COL	510637	004	4/1/20	La-140	-7.62E-04	3.71E-03	1.16E-02	U
AP	COL	510637	004	4/1/20	Mn-54	8.96E-06	4.23E-05	1.46E-04	U
AP	COL	510637	004	4/1/20	Nb-95	3.03E-05	7.46E-05	2.46E-04	U
AP	COL	510637	004	4/1/20	K-40	2.00E-03	8.63E-04	1.26E-03	
AP	COL	510637	004	4/1/20	Ru-103	1.44E-04	1.14E-04	4.32E-04	U
AP	COL	510637	004	4/1/20	Ru-106	3.23E-05	3.05E-04	9.92E-04	U
AP	COL	510637	004	4/1/20	Se-75	2.90E-05	5.37E-05	1.86E-04	U
AP	COL	510637	004	4/1/20	Ag-108m	3.62E-05	4.52E-05	8.90E-05	U
AP	COL	510637	004	4/1/20	Ag-110m	1.95E-05	5.08E-05	1.67E-04	U
AP	COL	510637	004	4/1/20	Th-228	2.72E-05	9.16E-05	1.53E-04	U
AP	COL	510637	004	4/1/20	Zn-65	3.59E-05	8.99E-05	3.10E-04	U
AP	COL	510637	004	4/1/20	Zr-95	9.48E-05	1.28E-04	4.34E-04	U
AP	ONS-1	510637	005	4/1/20	Ac-228	4.51E-04	3.12E-04	6.90E-04	U
AP	ONS-1	510637	005	4/1/20	Sb-124	3.05E-04	2.46E-04	8.99E-04	U
AP	ONS-1	510637	005	4/1/20	Sb-125	-1.04E-05	9.36E-05	3.04E-04	U
AP	ONS-1	510637	005	4/1/20	Ba-140	-5.44E-03	1.15E-02	3.34E-02	U
AP	ONS-1	510637	005	4/1/20	Be-7	6.20E-02	4.06E-03	2.22E-03	
AP	ONS-1	510637	005	4/1/20	Ce-141	-6.48E-04	2.75E-04	6.06E-04	U
AP	ONS-1	510637	005	4/1/20	Ce-144	5.92E-05	1.64E-04	5.28E-04	U
AP	ONS-1	510637	005	4/1/20	Cs-134	8.36E-06	4.27E-05	1.45E-04	U
AP	ONS-1	510637	005	4/1/20	Cs-137	-9.78E-06	3.65E-05	1.21E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-1	510637	005	4/1/20	Cr-51	-3.57E-05	1.96E-03	6.54E-03	U
AP	ONS-1	510637	005	4/1/20	Co-57	2.44E-05	2.15E-05	7.04E-05	U
AP	ONS-1	510637	005	4/1/20	Co-58	-8.29E-05	7.98E-05	2.35E-04	U
AP	ONS-1	510637	005	4/1/20	Co-60	2.24E-05	5.58E-05	1.72E-04	U
AP	ONS-1	510637	005	4/1/20	I-131	3.16E-03	3.60E-02	0.00E+00	UI
AP	ONS-1	510637	005	4/1/20	Fe-59	-4.29E-04	3.28E-04	8.87E-04	U
AP	ONS-1	510637	005	4/1/20	La-140	-5.75E-03	4.49E-03	1.19E-02	U
AP	ONS-1	510637	005	4/1/20	Mn-54	-3.23E-05	4.03E-05	1.22E-04	U
AP	ONS-1	510637	005	4/1/20	Nb-95	3.59E-05	6.55E-05	2.29E-04	U
AP	ONS-1	510637	005	4/1/20	K-40	-2.02E-04	6.54E-04	2.08E-03	U
AP	ONS-1	510637	005	4/1/20	Ru-103	-6.22E-05	1.30E-04	4.01E-04	U
AP	ONS-1	510637	005	4/1/20	Ru-106	-3.38E-04	3.60E-04	1.02E-03	U
AP	ONS-1	510637	005	4/1/20	Se-75	-6.94E-05	6.35E-05	1.97E-04	U
AP	ONS-1	510637	005	4/1/20	Ag-108m	4.72E-06	3.01E-05	9.90E-05	U
AP	ONS-1	510637	005	4/1/20	Ag-110m	1.28E-04	7.95E-05	1.82E-04	U
AP	ONS-1	510637	005	4/1/20	Th-228	-5.03E-05	5.88E-05	1.90E-04	U
AP	ONS-1	510637	005	4/1/20	Zn-65	-1.70E-04	1.13E-04	2.07E-04	U
AP	ONS-1	510637	005	4/1/20	Zr-95	1.26E-04	1.42E-04	4.99E-04	U
AP	ONS-2	510637	006	4/1/20	Ac-228	1.68E-04	2.39E-04	6.01E-04	U
AP	ONS-2	510637	006	4/1/20	Sb-124	-3.00E-04	2.37E-04	5.59E-04	U
AP	ONS-2	510637	006	4/1/20	Sb-125	-3.31E-05	8.21E-05	2.67E-04	U
AP	ONS-2	510637	006	4/1/20	Ba-140	-3.02E-03	7.76E-03	2.46E-02	U
AP	ONS-2	510637	006	4/1/20	Be-7	6.66E-02	4.24E-03	2.05E-03	
AP	ONS-2	510637	006	4/1/20	Ce-141	-5.05E-04	2.75E-04	6.77E-04	U
AP	ONS-2	510637	006	4/1/20	Ce-144	-1.41E-05	1.64E-04	5.29E-04	U
AP	ONS-2	510637	006	4/1/20	Cs-134	3.13E-05	3.66E-05	1.27E-04	U
AP	ONS-2	510637	006	4/1/20	Cs-137	4.41E-05	3.93E-05	1.35E-04	U
AP	ONS-2	510637	006	4/1/20	Cr-51	1.15E-03	1.67E-03	5.86E-03	U
AP	ONS-2	510637	006	4/1/20	Co-57	-4.35E-05	2.32E-05	5.91E-05	U
AP	ONS-2	510637	006	4/1/20	Co-58	2.45E-04	1.12E-04	1.23E-04	UI
AP	ONS-2	510637	006	4/1/20	Co-60	-1.10E-05	4.14E-05	1.33E-04	U
AP	ONS-2	510637	006	4/1/20	I-131	2.74E-02	3.45E-02	0.00E+00	UI
AP	ONS-2	510637	006	4/1/20	Fe-59	2.60E-04	2.28E-04	7.83E-04	U
AP	ONS-2	510637	006	4/1/20	La-140	5.51E-03	3.95E-03	1.47E-02	U
AP	ONS-2	510637	006	4/1/20	Mn-54	5.86E-05	4.87E-05	1.55E-04	U
AP	ONS-2	510637	006	4/1/20	Nb-95	1.15E-04	8.33E-05	2.90E-04	U
AP	ONS-2	510637	006	4/1/20	K-40	1.20E-03	7.20E-04	1.27E-03	U
AP	ONS-2	510637	006	4/1/20	Ru-103	9.58E-05	1.06E-04	3.70E-04	U
AP	ONS-2	510637	006	4/1/20	Ru-106	-3.25E-05	3.44E-04	1.12E-03	U
AP	ONS-2	510637	006	4/1/20	Se-75	6.38E-05	6.75E-05	2.17E-04	U
AP	ONS-2	510637	006	4/1/20	Ag-108m	-2.95E-05	2.53E-05	7.38E-05	U
AP	ONS-2	510637	006	4/1/20	Ag-110m	6.00E-05	5.23E-05	1.85E-04	U
AP	ONS-2	510637	006	4/1/20	Th-228	-6.22E-05	5.95E-05	1.79E-04	U
AP	ONS-2	510637	006	4/1/20	Zn-65	3.52E-05	9.79E-05	3.41E-04	U
AP	ONS-2	510637	006	4/1/20	Zr-95	7.20E-05	1.53E-04	5.14E-04	U
AP	ONS-3	510637	007	4/1/20	Ac-228	-1.22E-04	1.81E-04	5.79E-04	U
AP	ONS-3	510637	007	4/1/20	Sb-124	-2.48E-04	2.04E-04	5.07E-04	U
AP	ONS-3	510637	007	4/1/20	Sb-125	7.54E-05	8.48E-05	2.96E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-3	510637	007	4/1/20	Ba-140	6.56E-03	9.75E-03	3.36E-02	U
AP	ONS-3	510637	007	4/1/20	Be-7	5.96E-02	3.94E-03	2.41E-03	
AP	ONS-3	510637	007	4/1/20	Ce-141	-1.80E-04	2.33E-04	6.78E-04	U
AP	ONS-3	510637	007	4/1/20	Ce-144	2.42E-04	1.90E-04	6.21E-04	U
AP	ONS-3	510637	007	4/1/20	Cs-134	1.35E-04	7.92E-05	1.60E-04	U
AP	ONS-3	510637	007	4/1/20	Cs-137	-3.80E-05	3.21E-05	8.94E-05	U
AP	ONS-3	510637	007	4/1/20	Cr-51	8.23E-05	1.57E-03	5.41E-03	U
AP	ONS-3	510637	007	4/1/20	Co-57	5.24E-07	2.49E-05	8.02E-05	U
AP	ONS-3	510637	007	4/1/20	Co-58	-8.78E-05	6.74E-05	1.76E-04	U
AP	ONS-3	510637	007	4/1/20	Co-60	6.01E-05	4.52E-05	1.66E-04	U
AP	ONS-3	510637	007	4/1/20	I-131	6.03E-03	3.39E-02	0.00E+00	UI
AP	ONS-3	510637	007	4/1/20	Fe-59	-2.61E-04	2.34E-04	6.04E-04	U
AP	ONS-3	510637	007	4/1/20	La-140	-1.06E-02	5.75E-03	9.20E-03	U
AP	ONS-3	510637	007	4/1/20	Mn-54	1.27E-05	4.16E-05	1.39E-04	U
AP	ONS-3	510637	007	4/1/20	Nb-95	-1.14E-05	8.26E-05	2.67E-04	U
AP	ONS-3	510637	007	4/1/20	K-40	3.41E-04	6.20E-04	1.10E-03	U
AP	ONS-3	510637	007	4/1/20	Ru-103	-7.25E-05	1.24E-04	3.94E-04	U
AP	ONS-3	510637	007	4/1/20	Ru-106	3.23E-04	3.81E-04	1.31E-03	U
AP	ONS-3	510637	007	4/1/20	Se-75	1.46E-04	7.71E-05	2.39E-04	U
AP	ONS-3	510637	007	4/1/20	Ag-108m	-1.65E-05	2.63E-05	8.42E-05	U
AP	ONS-3	510637	007	4/1/20	Ag-110m	1.19E-04	6.38E-05	2.22E-04	U
AP	ONS-3	510637	007	4/1/20	Th-228	-2.97E-05	6.07E-05	1.82E-04	U
AP	ONS-3	510637	007	4/1/20	Zn-65	1.52E-04	1.03E-04	3.63E-04	U
AP	ONS-3	510637	007	4/1/20	Zr-95	1.00E-05	1.39E-04	4.58E-04	U
AP	ONS-4	510637	008	4/1/20	Ac-228	3.67E-04	2.04E-04	5.41E-04	U
AP	ONS-4	510637	008	4/1/20	Sb-124	1.38E-06	1.79E-04	5.90E-04	U
AP	ONS-4	510637	008	4/1/20	Sb-125	6.07E-05	7.79E-05	2.50E-04	U
AP	ONS-4	510637	008	4/1/20	Ba-140	1.35E-02	8.38E-03	2.94E-02	U
AP	ONS-4	510637	008	4/1/20	Be-7	6.53E-02	4.05E-03	1.74E-03	
AP	ONS-4	510637	008	4/1/20	Ce-141	-1.33E-04	2.03E-04	5.99E-04	U
AP	ONS-4	510637	008	4/1/20	Ce-144	7.52E-04	3.38E-04	3.93E-04	UI
AP	ONS-4	510637	008	4/1/20	Cs-134	4.91E-05	3.89E-05	1.36E-04	U
AP	ONS-4	510637	008	4/1/20	Cs-137	1.04E-05	2.64E-05	9.02E-05	U
AP	ONS-4	510637	008	4/1/20	Cr-51	5.98E-04	1.51E-03	5.27E-03	U
AP	ONS-4	510637	008	4/1/20	Co-57	2.56E-05	1.98E-05	6.59E-05	U
AP	ONS-4	510637	008	4/1/20	Co-58	-8.00E-05	5.87E-05	1.44E-04	U
AP	ONS-4	510637	008	4/1/20	Co-60	2.77E-05	3.47E-05	1.27E-04	U
AP	ONS-4	510637	008	4/1/20	I-131	4.15E-02	3.12E-02	0.00E+00	UI
AP	ONS-4	510637	008	4/1/20	Fe-59	-5.14E-05	1.91E-04	5.79E-04	U
AP	ONS-4	510637	008	4/1/20	La-140	3.27E-03	1.98E-03	8.50E-03	U
AP	ONS-4	510637	008	4/1/20	Mn-54	2.17E-05	3.97E-05	1.34E-04	U
AP	ONS-4	510637	008	4/1/20	Nb-95	6.47E-05	7.30E-05	2.52E-04	U
AP	ONS-4	510637	008	4/1/20	K-40	-2.41E-04	4.83E-04	1.70E-03	U
AP	ONS-4	510637	008	4/1/20	Ru-103	8.08E-05	9.97E-05	3.49E-04	U
AP	ONS-4	510637	008	4/1/20	Ru-106	-6.97E-05	3.15E-04	1.02E-03	U
AP	ONS-4	510637	008	4/1/20	Se-75	-4.29E-05	5.55E-05	1.47E-04	U
AP	ONS-4	510637	008	4/1/20	Ag-108m	8.78E-06	1.95E-05	6.78E-05	U
AP	ONS-4	510637	008	4/1/20	Ag-110m	-9.48E-05	5.79E-05	1.33E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-4	510637	008	4/1/20	Th-228	9.86E-06	7.88E-05	1.76E-04	U
AP	ONS-4	510637	008	4/1/20	Zn-65	-1.22E-04	1.04E-04	2.68E-04	U
AP	ONS-4	510637	008	4/1/20	Zr-95	2.30E-04	1.74E-04	4.02E-04	U
AP	ONS-5	510637	009	4/1/20	Ac-228	2.62E-04	2.13E-04	7.92E-04	U
AP	ONS-5	510637	009	4/1/20	Sb-124	2.87E-04	2.50E-04	9.62E-04	U
AP	ONS-5	510637	009	4/1/20	Sb-125	-1.25E-04	1.04E-04	2.87E-04	U
AP	ONS-5	510637	009	4/1/20	Ba-140	5.70E-03	1.09E-02	3.63E-02	U
AP	ONS-5	510637	009	4/1/20	Be-7	6.33E-02	4.47E-03	3.20E-03	
AP	ONS-5	510637	009	4/1/20	Ce-141	4.51E-04	3.90E-04	6.09E-04	U
AP	ONS-5	510637	009	4/1/20	Ce-144	-5.61E-05	1.65E-04	5.01E-04	U
AP	ONS-5	510637	009	4/1/20	Cs-134	5.70E-05	4.83E-05	1.74E-04	U
AP	ONS-5	510637	009	4/1/20	Cs-137	-4.28E-05	4.73E-05	1.45E-04	U
AP	ONS-5	510637	009	4/1/20	Cr-51	9.17E-04	1.93E-03	6.52E-03	U
AP	ONS-5	510637	009	4/1/20	Co-57	3.44E-05	3.12E-05	7.50E-05	U
AP	ONS-5	510637	009	4/1/20	Co-58	1.69E-04	1.09E-04	3.85E-04	U
AP	ONS-5	510637	009	4/1/20	Co-60	4.85E-05	4.70E-05	1.71E-04	U
AP	ONS-5	510637	009	4/1/20	I-131	-2.21E-02	4.07E-02	0.00E+00	U
AP	ONS-5	510637	009	4/1/20	Fe-59	1.30E-04	2.82E-04	8.78E-04	U
AP	ONS-5	510637	009	4/1/20	La-140	-5.35E-03	3.61E-03	6.84E-03	U
AP	ONS-5	510637	009	4/1/20	Mn-54	-6.11E-05	5.25E-05	1.47E-04	U
AP	ONS-5	510637	009	4/1/20	Nb-95	-7.56E-06	1.02E-04	3.40E-04	U
AP	ONS-5	510637	009	4/1/20	K-40	-3.86E-04	6.07E-04	1.74E-03	U
AP	ONS-5	510637	009	4/1/20	Ru-103	-5.11E-05	1.56E-04	4.87E-04	U
AP	ONS-5	510637	009	4/1/20	Ru-106	3.71E-04	4.14E-04	1.48E-03	U
AP	ONS-5	510637	009	4/1/20	Se-75	-5.70E-05	6.87E-05	2.15E-04	U
AP	ONS-5	510637	009	4/1/20	Ag-108m	-5.75E-06	3.24E-05	1.04E-04	U
AP	ONS-5	510637	009	4/1/20	Ag-110m	-5.91E-05	7.05E-05	2.07E-04	U
AP	ONS-5	510637	009	4/1/20	Th-228	1.10E-04	1.07E-04	2.28E-04	U
AP	ONS-5	510637	009	4/1/20	Zn-65	-4.60E-05	1.44E-04	4.15E-04	U
AP	ONS-5	510637	009	4/1/20	Zr-95	-1.14E-04	1.70E-04	5.27E-04	U
AP	ONS-6	510637	010	4/1/20	Ac-228	2.32E-04	2.99E-04	6.59E-04	U
AP	ONS-6	510637	010	4/1/20	Sb-124	2.22E-04	2.17E-04	8.13E-04	U
AP	ONS-6	510637	010	4/1/20	Sb-125	-4.12E-05	8.11E-05	2.59E-04	U
AP	ONS-6	510637	010	4/1/20	Ba-140	8.08E-03	9.45E-03	3.28E-02	U
AP	ONS-6	510637	010	4/1/20	Be-7	7.15E-02	4.59E-03	2.26E-03	
AP	ONS-6	510637	010	4/1/20	Ce-141	-4.94E-05	1.97E-04	5.74E-04	U
AP	ONS-6	510637	010	4/1/20	Ce-144	6.50E-05	1.54E-04	5.06E-04	U
AP	ONS-6	510637	010	4/1/20	Cs-134	2.56E-06	4.16E-05	1.20E-04	U
AP	ONS-6	510637	010	4/1/20	Cs-137	8.37E-05	4.61E-05	1.57E-04	U
AP	ONS-6	510637	010	4/1/20	Cr-51	5.87E-05	1.85E-03	6.33E-03	U
AP	ONS-6	510637	010	4/1/20	Co-57	2.03E-06	1.98E-05	6.46E-05	U
AP	ONS-6	510637	010	4/1/20	Co-58	2.11E-05	9.09E-05	2.67E-04	U
AP	ONS-6	510637	010	4/1/20	Co-60	-2.37E-05	3.84E-05	1.13E-04	U
AP	ONS-6	510637	010	4/1/20	I-131	3.77E-02	3.42E-02	0.00E+00	UI
AP	ONS-6	510637	010	4/1/20	Fe-59	-8.55E-05	2.51E-04	8.06E-04	U
AP	ONS-6	510637	010	4/1/20	La-140	-1.03E-03	3.95E-03	1.22E-02	U
AP	ONS-6	510637	010	4/1/20	Mn-54	-2.24E-05	4.31E-05	1.28E-04	U
AP	ONS-6	510637	010	4/1/20	Nb-95	9.07E-05	1.00E-04	3.21E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-6	510637	010	4/1/20	K-40	-3.08E-04	6.58E-04	2.03E-03	U
AP	ONS-6	510637	010	4/1/20	Ru-103	1.69E-04	1.27E-04	4.43E-04	U
AP	ONS-6	510637	010	4/1/20	Ru-106	3.32E-05	3.31E-04	1.09E-03	U
AP	ONS-6	510637	010	4/1/20	Se-75	-1.19E-05	5.95E-05	1.82E-04	U
AP	ONS-6	510637	010	4/1/20	Ag-108m	-3.20E-05	2.68E-05	7.77E-05	U
AP	ONS-6	510637	010	4/1/20	Ag-110m	-1.54E-05	5.40E-05	1.64E-04	U
AP	ONS-6	510637	010	4/1/20	Th-228	-7.30E-05	6.96E-05	1.84E-04	U
AP	ONS-6	510637	010	4/1/20	Zn-65	-2.48E-04	1.12E-04	1.98E-04	U
AP	ONS-6	510637	010	4/1/20	Zr-95	1.22E-04	1.62E-04	5.49E-04	U
AP	NBF	510896	001	5/6/20	BETA	2.63E-02	1.66E-03	1.69E-03	
AP	SBN	510896	002	5/6/20	BETA	1.66E-02	1.27E-03	1.81E-03	
AP	DOW	510896	003	5/6/20	BETA	1.89E-02	1.27E-03	1.47E-03	
AP	COL	510896	004	5/6/20	BETA	2.19E-02	1.41E-03	1.59E-03	
AP	ONS-1	510896	005	5/6/20	BETA	2.55E-02	1.59E-03	1.61E-03	
AP	ONS-2	510896	006	5/6/20	BETA	1.96E-02	1.38E-03	1.88E-03	
AP	ONS-3	510896	007	5/6/20	BETA	2.04E-02	1.32E-03	1.47E-03	
AP	ONS-4	510896	008	5/6/20	BETA	1.97E-02	1.35E-03	1.59E-03	
AP	ONS-5	510896	009	5/6/20	BETA	2.18E-02	1.53E-03	1.70E-03	
AP	ONS-6	510896	010	5/6/20	BETA	1.83E-02	1.34E-03	1.85E-03	
AP	NBF	511360	001	5/13/20	BETA	2.21E-02	1.49E-03	1.77E-03	
AP	SBN	511360	002	5/13/20	BETA	2.23E-02	1.55E-03	1.84E-03	
AP	DOW	511360	003	5/13/20	BETA	2.15E-02	1.46E-03	1.79E-03	
AP	COL	511360	004	5/13/20	BETA	2.04E-02	1.35E-03	1.55E-03	
AP	ONS-1	511360	005	5/13/20	BETA	1.90E-02	1.35E-03	1.67E-03	
AP	ONS-2	511360	006	5/13/20	BETA	2.26E-02	1.61E-03	1.93E-03	
AP	ONS-3	511360	007	5/13/20	BETA	2.15E-02	1.45E-03	1.76E-03	
AP	ONS-4	511360	008	5/13/20	BETA	2.02E-02	1.36E-03	1.58E-03	
AP	ONS-5	511360	009	5/13/20	BETA	2.08E-02	1.39E-03	1.64E-03	
AP	ONS-6	511360	010	5/13/20	BETA	2.43E-02	1.70E-03	2.02E-03	
AP	NBF	511852	001	5/20/20	BETA	2.22E-02	1.47E-03	1.66E-03	
AP	SBN	511852	002	5/20/20	BETA	2.36E-02	1.45E-03	1.53E-03	
AP	DOW	511852	003	5/20/20	BETA	2.81E-02	1.60E-03	1.55E-03	
AP	COL	511852	004	5/20/20	BETA	2.99E-02	1.68E-03	1.63E-03	
AP	ONS-1	511852	005	5/20/20	BETA	2.10E-02	1.39E-03	1.57E-03	
AP	ONS-2	511852	006	5/20/20	BETA	2.37E-02	1.48E-03	1.59E-03	
AP	ONS-3	511852	007	5/20/20	BETA	2.58E-02	1.54E-03	1.56E-03	
AP	ONS-4	511852	008	5/20/20	BETA	2.59E-02	1.57E-03	1.62E-03	
AP	ONS-5	511852	009	5/20/20	BETA	2.20E-02	1.42E-03	1.58E-03	
AP	ONS-6	511852	010	5/20/20	BETA	2.39E-02	1.48E-03	1.58E-03	
AP	NBF	512235	001	5/27/20	BETA	2.38E-02	1.52E-03	1.69E-03	
AP	SBN	512235	002	5/27/20	BETA	2.46E-02	1.51E-03	1.60E-03	
AP	DOW	512235	003	5/27/20	BETA	2.19E-02	1.44E-03	1.60E-03	
AP	COL	512235	004	5/27/20	BETA	2.38E-02	1.47E-03	1.58E-03	
AP	ONS-1	512235	005	5/27/20	BETA	2.48E-02	1.50E-03	1.62E-03	
AP	ONS-2	512235	006	5/27/20	BETA	2.54E-02	1.57E-03	1.68E-03	
AP	ONS-3	512235	007	5/27/20	BETA	2.26E-02	1.47E-03	1.62E-03	
AP	ONS-4	512235	008	5/27/20	BETA	2.05E-02	1.38E-03	1.60E-03	
AP	ONS-5	512235	009	5/27/20	BETA	2.27E-02	1.44E-03	1.60E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-6	512235	010	5/27/20	BETA	2.57E-02	1.57E-03	1.66E-03	
AP	NBF	512904	001	6/3/20	BETA	2.59E-02	1.65E-03	1.85E-03	
AP	SBN	512904	002	6/3/20	BETA	2.35E-02	1.46E-03	1.57E-03	
AP	DOW	512904	003	6/3/20	BETA	2.20E-02	1.44E-03	1.65E-03	
AP	COL	512904	004	6/3/20	BETA	2.29E-02	1.41E-03	1.49E-03	
AP	ONS-1	512904	005	6/3/20	BETA	2.32E-02	1.46E-03	1.63E-03	
AP	ONS-2	512904	006	6/3/20	BETA	2.47E-02	1.58E-03	1.74E-03	
AP	ONS-3	512904	007	6/3/20	BETA	2.17E-02	1.46E-03	1.69E-03	
AP	ONS-4	512904	008	6/3/20	BETA	2.36E-02	1.46E-03	1.55E-03	
AP	ONS-5	512904	009	6/3/20	BETA	2.55E-02	1.55E-03	1.68E-03	
AP	ONS-6	512904	010	6/3/20	BETA	2.09E-02	1.44E-03	1.68E-03	
AP	NBF	513418	001	6/10/20	BETA	2.82E-02	1.66E-03	1.71E-03	
AP	SBN	513418	002	6/10/20	BETA	2.67E-02	1.55E-03	1.61E-03	
AP	DOW	513418	003	6/10/20	BETA	2.28E-02	1.41E-03	1.51E-03	
AP	COL	513418	004	6/10/20	BETA	2.54E-02	1.53E-03	1.65E-03	
AP	ONS-1	513418	005	6/10/20	BETA	2.83E-02	1.60E-03	1.59E-03	
AP	ONS-2	513418	006	6/10/20	BETA	2.67E-02	1.57E-03	1.64E-03	
AP	ONS-3	513418	007	6/10/20	BETA	2.85E-02	1.60E-03	1.57E-03	
AP	ONS-4	513418	008	6/10/20	BETA	2.61E-02	1.55E-03	1.66E-03	
AP	ONS-5	513418	009	6/10/20	BETA	2.84E-02	1.60E-03	1.58E-03	
AP	ONS-6	513418	010	6/10/20	BETA	2.76E-02	1.57E-03	1.60E-03	
AP	NBF	514080	001	6/17/20	BETA	2.18E-02	1.45E-03	1.80E-03	
AP	SBN	514080	002	6/17/20	BETA	2.55E-02	1.50E-03	1.52E-03	
AP	DOW	514080	003	6/17/20	BETA	2.19E-02	1.38E-03	1.50E-03	
AP	COL	514080	004	6/17/20	BETA	2.23E-02	1.37E-03	1.44E-03	
AP	ONS-1	514080	005	6/17/20	BETA	2.16E-02	1.38E-03	1.67E-03	
AP	ONS-2	514080	006	6/17/20	BETA	2.41E-02	1.47E-03	1.54E-03	
AP	ONS-3	514080	007	6/17/20	BETA	2.23E-02	1.42E-03	1.55E-03	
AP	ONS-4	514080	008	6/17/20	BETA	1.87E-02	1.28E-03	1.46E-03	
AP	ONS-5	514080	009	6/17/20	BETA	1.98E-02	1.34E-03	1.70E-03	
AP	ONS-6	514080	010	6/17/20	BETA	2.33E-02	1.45E-03	1.54E-03	
AP	NBF	514589	001	6/24/20	BETA	3.60E-02	1.91E-03	1.75E-03	
AP	SBN	514589	002	6/24/20	BETA	3.47E-02	1.72E-03	1.51E-03	
AP	DOW	514589	003	6/24/20	BETA	3.69E-02	1.90E-03	1.97E-03	
AP	COL	514589	004	6/24/20	BETA	3.99E-02	1.89E-03	1.66E-03	
AP	ONS-1	514589	005	6/24/20	BETA	3.60E-02	1.84E-03	1.63E-03	
AP	ONS-2	514589	006	6/24/20	BETA	3.87E-02	1.81E-03	1.53E-03	
AP	ONS-3	514589	007	6/24/20	BETA	3.74E-02	1.90E-03	1.94E-03	
AP	ONS-4	514589	008	6/24/20	BETA	3.82E-02	1.94E-03	1.80E-03	
AP	ONS-5	514589	009	6/24/20	BETA	3.61E-02	1.82E-03	1.61E-03	
AP	ONS-6	514589	010	6/24/20	BETA	3.73E-02	1.85E-03	1.64E-03	
AP	NBF	515025	001	7/1/20	BETA	3.27E-02	1.80E-03	1.80E-03	
AP	SBN	515025	002	7/1/20	BETA	3.18E-02	1.69E-03	1.56E-03	
AP	DOW	515025	003	7/1/20	BETA	3.09E-02	1.69E-03	1.63E-03	
AP	COL	515025	004	7/1/20	BETA	3.26E-02	1.74E-03	1.86E-03	
AP	ONS-1	515025	005	7/1/20	BETA	3.16E-02	1.77E-03	1.80E-03	
AP	ONS-2	515025	006	7/1/20	BETA	3.46E-02	1.78E-03	1.61E-03	
AP	ONS-3	515025	007	7/1/20	BETA	3.01E-02	1.69E-03	1.66E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-4	515025	008	7/1/20	BETA	2.64E-02	1.66E-03	2.01E-03	
AP	ONS-5	515025	009	7/1/20	BETA	3.07E-02	1.75E-03	1.78E-03	
AP	ONS-6	515025	010	7/1/20	BETA	2.76E-02	1.65E-03	1.68E-03	
AP	NBF	515503	001	7/8/20	BETA	3.90E-02	1.82E-03	1.55E-03	
AP	SBN	515503	002	7/8/20	BETA	4.12E-02	1.92E-03	1.76E-03	
AP	DOW	515503	003	7/8/20	BETA	3.76E-02	1.83E-03	1.59E-03	
AP	COL	515503	004	7/8/20	BETA	3.72E-02	1.81E-03	1.61E-03	
AP	ONS-1	515503	005	7/8/20	BETA	3.51E-02	1.77E-03	1.60E-03	
AP	ONS-2	515503	006	7/8/20	BETA	3.82E-02	1.85E-03	1.74E-03	
AP	ONS-3	515503	007	7/8/20	BETA	3.87E-02	1.91E-03	1.67E-03	
AP	ONS-4	515503	008	7/8/20	BETA	3.60E-02	1.83E-03	1.70E-03	
AP	ONS-5	515503	009	7/8/20	BETA	3.79E-02	1.82E-03	1.58E-03	
AP	ONS-6	515503	010	7/8/20	BETA	3.80E-02	1.88E-03	1.81E-03	
AP	NBF	516172	001	7/15/20	BETA	3.21E-02	1.66E-03	1.49E-03	
AP	SBN	516172	002	7/15/20	BETA	3.03E-02	1.65E-03	1.66E-03	
AP	DOW	516172	003	7/15/20	BETA	3.20E-02	1.79E-03	1.73E-03	
AP	COL	516172	004	7/15/20	BETA	3.02E-02	1.63E-03	1.55E-03	
AP	ONS-1	516172	005	7/15/20	BETA	2.75E-02	1.58E-03	1.56E-03	
AP	ONS-2	516172	006	7/15/20	BETA	3.59E-02	1.78E-03	1.66E-03	
AP	ONS-3	516172	007	7/15/20	BETA	3.25E-02	1.78E-03	1.68E-03	
AP	ONS-4	516172	008	7/15/20	BETA	2.75E-02	1.62E-03	1.66E-03	
AP	ONS-5	516172	009	7/15/20	BETA	2.98E-02	1.63E-03	1.53E-03	
AP	ONS-6	516172	010	7/15/20	BETA	2.98E-02	1.68E-03	1.74E-03	
AP	NBF	516653	001	7/22/20	BETA	3.34E-02	1.75E-03	1.80E-03	
AP	SBN	516653	002	7/22/20	BETA	3.45E-02	1.80E-03	1.69E-03	
AP	DOW	516653	003	7/22/20	BETA	3.49E-02	1.80E-03	1.62E-03	
AP	COL	516653	004	7/22/20	BETA	3.22E-02	1.66E-03	1.55E-03	
AP	ONS-1	516653	005	7/22/20	BETA	3.18E-02	1.77E-03	1.90E-03	
AP	ONS-2	516653	006	7/22/20	BETA	3.45E-02	1.80E-03	1.69E-03	
AP	ONS-3	516653	007	7/22/20	BETA	3.72E-02	1.88E-03	1.66E-03	
AP	ONS-4	516653	008	7/22/20	BETA	3.22E-02	1.70E-03	1.62E-03	
AP	ONS-5	516653	009	7/22/20	BETA	3.37E-02	1.79E-03	1.86E-03	
AP	ONS-6	516653	010	7/22/20	BETA	3.50E-02	1.84E-03	1.74E-03	
AP	NBF	517008	001	7/1/20	Ac-228	-2.49E-04	3.12E-04	1.08E-03	U
AP	NBF	517008	001	7/1/20	Sb-124	6.83E-05	4.14E-04	1.39E-03	U
AP	NBF	517008	001	7/1/20	Sb-125	3.79E-05	1.47E-04	4.99E-04	U
AP	NBF	517008	001	7/1/20	Ba-140	2.50E-02	2.53E-02	5.10E-02	U
AP	NBF	517008	001	7/1/20	Be-7	1.59E-01	1.02E-02	4.42E-03	
AP	NBF	517008	001	7/1/20	Ce-141	-1.37E-05	3.65E-04	1.15E-03	U
AP	NBF	517008	001	7/1/20	Ce-144	-3.12E-04	3.90E-04	1.16E-03	U
AP	NBF	517008	001	7/1/20	Cs-134	-4.97E-05	8.34E-05	2.47E-04	U
AP	NBF	517008	001	7/1/20	Cs-137	-3.37E-05	6.81E-05	2.09E-04	U
AP	NBF	517008	001	7/1/20	Cr-51	2.28E-03	3.14E-03	1.09E-02	U
AP	NBF	517008	001	7/1/20	Co-57	1.24E-06	4.59E-05	1.35E-04	U
AP	NBF	517008	001	7/1/20	Co-58	4.13E-05	1.35E-04	4.48E-04	U
AP	NBF	517008	001	7/1/20	Co-60	-3.16E-05	8.65E-05	2.74E-04	U
AP	NBF	517008	001	7/1/20	I-131	1.48E-02	3.47E-02	1.20E-01	U
AP	NBF	517008	001	7/1/20	Fe-59	9.61E-05	3.62E-04	1.26E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	NBF	517008	001	7/1/20	La-140	-3.42E-03	3.57E-03	8.17E-03	U
AP	NBF	517008	001	7/1/20	Mn-54	-6.14E-05	8.29E-05	2.38E-04	U
AP	NBF	517008	001	7/1/20	Nb-95	8.77E-05	1.48E-04	5.03E-04	U
AP	NBF	517008	001	7/1/20	K-40	1.98E-03	1.88E-03	2.15E-03	U
AP	NBF	517008	001	7/1/20	Ru-103	-8.83E-05	2.16E-04	6.87E-04	U
AP	NBF	517008	001	7/1/20	Ru-106	1.06E-04	7.58E-04	2.25E-03	U
AP	NBF	517008	001	7/1/20	Se-75	-2.32E-04	1.28E-04	3.57E-04	U
AP	NBF	517008	001	7/1/20	Ag-108m	-1.31E-04	6.14E-05	1.42E-04	U
AP	NBF	517008	001	7/1/20	Ag-110m	4.55E-06	1.11E-04	3.56E-04	U
AP	NBF	517008	001	7/1/20	Th-228	1.77E-04	1.80E-04	4.09E-04	U
AP	NBF	517008	001	7/1/20	Zn-65	-4.48E-06	1.61E-04	5.43E-04	U
AP	NBF	517008	001	7/1/20	Zr-95	-2.33E-04	2.68E-04	7.60E-04	U
AP	SBN	517008	002	7/1/20	Ac-228	-6.25E-04	3.55E-04	9.35E-04	U
AP	SBN	517008	002	7/1/20	Sb-124	-3.25E-04	2.68E-04	5.78E-04	U
AP	SBN	517008	002	7/1/20	Sb-125	2.21E-04	1.73E-04	5.96E-04	U
AP	SBN	517008	002	7/1/20	Ba-140	-4.52E-03	1.41E-02	4.46E-02	U
AP	SBN	517008	002	7/1/20	Be-7	1.46E-01	9.44E-03	4.47E-03	
AP	SBN	517008	002	7/1/20	Ce-141	1.73E-04	3.70E-04	1.12E-03	U
AP	SBN	517008	002	7/1/20	Ce-144	-1.94E-04	3.54E-04	1.10E-03	U
AP	SBN	517008	002	7/1/20	Cs-134	-5.88E-05	7.53E-05	2.33E-04	U
AP	SBN	517008	002	7/1/20	Cs-137	-1.45E-05	8.11E-05	2.57E-04	U
AP	SBN	517008	002	7/1/20	Cr-51	2.72E-03	3.14E-03	1.09E-02	U
AP	SBN	517008	002	7/1/20	Co-57	-8.11E-05	5.08E-05	1.39E-04	U
AP	SBN	517008	002	7/1/20	Co-58	-1.40E-04	1.28E-04	3.73E-04	U
AP	SBN	517008	002	7/1/20	Co-60	-7.15E-06	6.74E-05	2.16E-04	U
AP	SBN	517008	002	7/1/20	I-131	-1.19E-02	4.01E-02	1.32E-01	U
AP	SBN	517008	002	7/1/20	Fe-59	-4.77E-04	4.30E-04	1.18E-03	U
AP	SBN	517008	002	7/1/20	La-140	-2.53E-03	4.90E-03	1.41E-02	U
AP	SBN	517008	002	7/1/20	Mn-54	-2.25E-05	7.56E-05	2.49E-04	U
AP	SBN	517008	002	7/1/20	Nb-95	2.38E-04	1.52E-04	5.23E-04	U
AP	SBN	517008	002	7/1/20	K-40	-5.75E-04	1.14E-03	4.06E-03	U
AP	SBN	517008	002	7/1/20	Ru-103	2.27E-04	1.75E-04	6.15E-04	U
AP	SBN	517008	002	7/1/20	Ru-106	3.52E-04	6.67E-04	2.23E-03	U
AP	SBN	517008	002	7/1/20	Se-75	-8.12E-05	1.10E-04	3.57E-04	U
AP	SBN	517008	002	7/1/20	Ag-108m	-1.41E-06	5.34E-05	1.77E-04	U
AP	SBN	517008	002	7/1/20	Ag-110m	1.02E-04	1.18E-04	3.85E-04	U
AP	SBN	517008	002	7/1/20	Th-228	2.69E-04	1.95E-04	3.18E-04	U
AP	SBN	517008	002	7/1/20	Zn-65	2.83E-04	1.63E-04	6.09E-04	U
AP	SBN	517008	002	7/1/20	Zr-95	-4.23E-04	2.72E-04	6.43E-04	U
AP	DOW	517008	003	7/1/20	Ac-228	5.60E-04	4.30E-04	1.26E-03	U
AP	DOW	517008	003	7/1/20	Sb-124	-4.37E-04	2.92E-04	5.43E-04	U
AP	DOW	517008	003	7/1/20	Sb-125	-3.47E-05	1.84E-04	5.83E-04	U
AP	DOW	517008	003	7/1/20	Ba-140	1.04E-03	1.42E-02	4.53E-02	U
AP	DOW	517008	003	7/1/20	Be-7	1.89E-01	1.10E-02	4.51E-03	
AP	DOW	517008	003	7/1/20	Ce-141	-3.24E-04	3.79E-04	1.22E-03	U
AP	DOW	517008	003	7/1/20	Ce-144	2.53E-04	3.55E-04	1.22E-03	U
AP	DOW	517008	003	7/1/20	Cs-134	-7.04E-05	8.75E-05	2.67E-04	U
AP	DOW	517008	003	7/1/20	Cs-137	-1.12E-04	7.28E-05	1.99E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	DOW	517008	003	7/1/20	Cr-51	-5.20E-04	3.53E-03	1.15E-02	U
AP	DOW	517008	003	7/1/20	Co-57	-2.42E-05	5.15E-05	1.54E-04	U
AP	DOW	517008	003	7/1/20	Co-58	2.26E-05	1.30E-04	3.90E-04	U
AP	DOW	517008	003	7/1/20	Co-60	-4.27E-05	9.16E-05	2.76E-04	U
AP	DOW	517008	003	7/1/20	I-131	5.88E-02	4.42E-02	1.47E-01	U
AP	DOW	517008	003	7/1/20	Fe-59	4.70E-04	3.81E-04	1.37E-03	U
AP	DOW	517008	003	7/1/20	La-140	-3.25E-03	4.27E-03	1.22E-02	U
AP	DOW	517008	003	7/1/20	Mn-54	-1.25E-05	7.71E-05	2.52E-04	U
AP	DOW	517008	003	7/1/20	Nb-95	-1.31E-04	1.41E-04	4.05E-04	U
AP	DOW	517008	003	7/1/20	K-40	4.38E-04	1.62E-03	2.29E-03	U
AP	DOW	517008	003	7/1/20	Ru-103	-2.68E-04	2.40E-04	6.73E-04	U
AP	DOW	517008	003	7/1/20	Ru-106	-2.42E-04	6.14E-04	2.01E-03	U
AP	DOW	517008	003	7/1/20	Se-75	-1.21E-04	1.34E-04	4.15E-04	U
AP	DOW	517008	003	7/1/20	Ag-108m	5.13E-06	5.62E-05	1.82E-04	U
AP	DOW	517008	003	7/1/20	Ag-110m	5.05E-05	1.18E-04	4.03E-04	U
AP	DOW	517008	003	7/1/20	Th-228	-1.47E-04	1.33E-04	3.66E-04	U
AP	DOW	517008	003	7/1/20	Zn-65	-1.18E-04	2.00E-04	6.02E-04	U
AP	DOW	517008	003	7/1/20	Zr-95	-1.34E-04	2.26E-04	7.04E-04	U
AP	COL	517008	004	7/1/20	Ac-228	-1.23E-03	4.43E-04	7.67E-04	U
AP	COL	517008	004	7/1/20	Sb-124	4.12E-04	3.90E-04	1.51E-03	U
AP	COL	517008	004	7/1/20	Sb-125	2.38E-04	2.07E-04	7.13E-04	U
AP	COL	517008	004	7/1/20	Ba-140	6.98E-03	1.17E-02	4.04E-02	U
AP	COL	517008	004	7/1/20	Be-7	1.79E-01	1.15E-02	4.52E-03	
AP	COL	517008	004	7/1/20	Ce-141	4.41E-04	3.70E-04	1.23E-03	U
AP	COL	517008	004	7/1/20	Ce-144	1.24E-04	3.80E-04	1.25E-03	U
AP	COL	517008	004	7/1/20	Cs-134	9.37E-05	8.82E-05	3.05E-04	U
AP	COL	517008	004	7/1/20	Cs-137	7.15E-05	7.50E-05	2.58E-04	U
AP	COL	517008	004	7/1/20	Cr-51	1.56E-03	3.21E-03	1.11E-02	U
AP	COL	517008	004	7/1/20	Co-57	3.21E-05	4.48E-05	1.50E-04	U
AP	COL	517008	004	7/1/20	Co-58	1.37E-04	1.40E-04	4.84E-04	U
AP	COL	517008	004	7/1/20	Co-60	-5.10E-06	8.31E-05	2.68E-04	U
AP	COL	517008	004	7/1/20	I-131	-1.21E-02	4.01E-02	1.32E-01	U
AP	COL	517008	004	7/1/20	Fe-59	-3.43E-04	5.09E-04	1.53E-03	U
AP	COL	517008	004	7/1/20	La-140	1.46E-03	4.40E-03	1.51E-02	U
AP	COL	517008	004	7/1/20	Mn-54	1.01E-04	8.11E-05	2.96E-04	U
AP	COL	517008	004	7/1/20	Nb-95	9.46E-05	1.58E-04	5.29E-04	U
AP	COL	517008	004	7/1/20	K-40	9.58E-04	1.43E-03	5.19E-03	U
AP	COL	517008	004	7/1/20	Ru-103	3.66E-05	2.12E-04	7.08E-04	U
AP	COL	517008	004	7/1/20	Ru-106	1.19E-03	8.13E-04	2.79E-03	U
AP	COL	517008	004	7/1/20	Se-75	-8.10E-05	1.36E-04	4.04E-04	U
AP	COL	517008	004	7/1/20	Ag-108m	-6.34E-05	5.85E-05	1.72E-04	U
AP	COL	517008	004	7/1/20	Ag-110m	1.47E-04	1.19E-04	4.34E-04	U
AP	COL	517008	004	7/1/20	Th-228	-2.23E-04	1.37E-04	3.80E-04	U
AP	COL	517008	004	7/1/20	Zn-65	9.65E-05	2.40E-04	7.40E-04	U
AP	COL	517008	004	7/1/20	Zr-95	-1.08E-04	2.68E-04	8.08E-04	U
AP	ONS-1	517008	005	7/1/20	Ac-228	-2.61E-04	3.90E-04	1.18E-03	U
AP	ONS-1	517008	005	7/1/20	Sb-124	1.78E-04	3.82E-04	1.38E-03	U
AP	ONS-1	517008	005	7/1/20	Sb-125	3.73E-05	1.96E-04	6.31E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-1	517008	005	7/1/20	Ba-140	6.11E-03	1.33E-02	4.60E-02	U
AP	ONS-1	517008	005	7/1/20	Be-7	1.51E-01	1.06E-02	4.70E-03	
AP	ONS-1	517008	005	7/1/20	Ce-141	-1.46E-04	3.68E-04	1.16E-03	U
AP	ONS-1	517008	005	7/1/20	Ce-144	-7.65E-04	4.09E-04	9.88E-04	U
AP	ONS-1	517008	005	7/1/20	Cs-134	5.62E-05	8.16E-05	2.82E-04	U
AP	ONS-1	517008	005	7/1/20	Cs-137	2.27E-04	7.12E-05	2.14E-04	UI
AP	ONS-1	517008	005	7/1/20	Cr-51	-2.54E-03	3.37E-03	1.03E-02	U
AP	ONS-1	517008	005	7/1/20	Co-57	7.92E-06	4.78E-05	1.51E-04	U
AP	ONS-1	517008	005	7/1/20	Co-58	2.68E-05	1.31E-04	4.35E-04	U
AP	ONS-1	517008	005	7/1/20	Co-60	2.80E-05	6.63E-05	2.33E-04	U
AP	ONS-1	517008	005	7/1/20	I-131	-8.28E-02	4.64E-02	1.16E-01	U
AP	ONS-1	517008	005	7/1/20	Fe-59	3.20E-04	4.29E-04	1.54E-03	U
AP	ONS-1	517008	005	7/1/20	La-140	1.31E-04	2.77E-03	9.07E-03	U
AP	ONS-1	517008	005	7/1/20	Mn-54	-1.79E-05	8.13E-05	2.56E-04	U
AP	ONS-1	517008	005	7/1/20	Nb-95	3.84E-04	1.90E-04	6.34E-04	U
AP	ONS-1	517008	005	7/1/20	K-40	1.67E-03	1.64E-03	2.59E-03	U
AP	ONS-1	517008	005	7/1/20	Ru-103	-9.13E-05	2.37E-04	7.74E-04	U
AP	ONS-1	517008	005	7/1/20	Ru-106	-7.68E-06	7.46E-04	2.47E-03	U
AP	ONS-1	517008	005	7/1/20	Se-75	-4.64E-05	1.08E-04	3.46E-04	U
AP	ONS-1	517008	005	7/1/20	Ag-108m	-2.65E-05	5.86E-05	1.78E-04	U
AP	ONS-1	517008	005	7/1/20	Ag-110m	4.78E-05	1.21E-04	4.06E-04	U
AP	ONS-1	517008	005	7/1/20	Th-228	5.09E-05	1.15E-04	3.54E-04	U
AP	ONS-1	517008	005	7/1/20	Zn-65	1.59E-04	1.77E-04	6.44E-04	U
AP	ONS-1	517008	005	7/1/20	Zr-95	-2.02E-04	2.98E-04	7.41E-04	U
AP	ONS-2	517008	006	7/1/20	Ac-228	1.12E-04	4.01E-04	1.39E-03	U
AP	ONS-2	517008	006	7/1/20	Sb-124	-9.75E-04	5.31E-04	9.15E-04	U
AP	ONS-2	517008	006	7/1/20	Sb-125	-4.46E-05	1.99E-04	6.25E-04	U
AP	ONS-2	517008	006	7/1/20	Ba-140	2.11E-02	1.76E-02	5.92E-02	U
AP	ONS-2	517008	006	7/1/20	Be-7	1.66E-01	1.04E-02	5.94E-03	
AP	ONS-2	517008	006	7/1/20	Ce-141	-4.14E-04	5.11E-04	1.53E-03	U
AP	ONS-2	517008	006	7/1/20	Ce-144	-4.08E-04	4.43E-04	1.37E-03	U
AP	ONS-2	517008	006	7/1/20	Cs-134	-4.51E-05	9.23E-05	2.94E-04	U
AP	ONS-2	517008	006	7/1/20	Cs-137	1.30E-05	8.77E-05	3.00E-04	U
AP	ONS-2	517008	006	7/1/20	Cr-51	-6.91E-03	4.41E-03	1.20E-02	U
AP	ONS-2	517008	006	7/1/20	Co-57	-2.68E-05	6.59E-05	1.90E-04	U
AP	ONS-2	517008	006	7/1/20	Co-58	1.21E-04	1.74E-04	6.09E-04	U
AP	ONS-2	517008	006	7/1/20	Co-60	-1.46E-04	1.04E-04	2.55E-04	U
AP	ONS-2	517008	006	7/1/20	I-131	-6.20E-02	5.33E-02	1.52E-01	U
AP	ONS-2	517008	006	7/1/20	Fe-59	4.28E-04	3.98E-04	1.47E-03	U
AP	ONS-2	517008	006	7/1/20	La-140	3.38E-03	6.44E-03	2.24E-02	U
AP	ONS-2	517008	006	7/1/20	Mn-54	1.49E-04	1.09E-04	3.85E-04	U
AP	ONS-2	517008	006	7/1/20	Nb-95	3.09E-05	1.74E-04	5.64E-04	U
AP	ONS-2	517008	006	7/1/20	K-40	-1.64E-04	1.17E-03	4.11E-03	U
AP	ONS-2	517008	006	7/1/20	Ru-103	1.37E-04	2.22E-04	7.43E-04	U
AP	ONS-2	517008	006	7/1/20	Ru-106	-6.92E-04	7.16E-04	2.16E-03	U
AP	ONS-2	517008	006	7/1/20	Se-75	5.50E-06	1.35E-04	4.39E-04	U
AP	ONS-2	517008	006	7/1/20	Ag-108m	-8.75E-05	6.27E-05	1.65E-04	U
AP	ONS-2	517008	006	7/1/20	Ag-110m	-1.27E-04	1.42E-04	4.24E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-2	517008	006	7/1/20	Th-228	1.39E-04	2.31E-04	4.27E-04	U
AP	ONS-2	517008	006	7/1/20	Zn-65	-1.13E-04	2.49E-04	7.78E-04	U
AP	ONS-2	517008	006	7/1/20	Zr-95	1.54E-04	3.01E-04	1.05E-03	U
AP	ONS-3	517008	007	7/1/20	Ac-228	-6.31E-04	3.25E-04	8.87E-04	U
AP	ONS-3	517008	007	7/1/20	Sb-124	-1.23E-04	3.15E-04	9.33E-04	U
AP	ONS-3	517008	007	7/1/20	Sb-125	1.10E-04	1.55E-04	5.37E-04	U
AP	ONS-3	517008	007	7/1/20	Ba-140	1.06E-02	1.21E-02	4.20E-02	U
AP	ONS-3	517008	007	7/1/20	Be-7	1.75E-01	1.06E-02	4.00E-03	
AP	ONS-3	517008	007	7/1/20	Ce-141	3.07E-04	3.66E-04	1.19E-03	U
AP	ONS-3	517008	007	7/1/20	Ce-144	-2.22E-04	3.88E-04	1.18E-03	U
AP	ONS-3	517008	007	7/1/20	Cs-134	9.58E-05	7.54E-05	2.67E-04	U
AP	ONS-3	517008	007	7/1/20	Cs-137	-5.31E-05	5.38E-05	1.47E-04	U
AP	ONS-3	517008	007	7/1/20	Cr-51	4.52E-03	3.33E-03	1.14E-02	U
AP	ONS-3	517008	007	7/1/20	Co-57	4.84E-05	4.59E-05	1.50E-04	U
AP	ONS-3	517008	007	7/1/20	Co-58	1.32E-04	1.38E-04	4.77E-04	U
AP	ONS-3	517008	007	7/1/20	Co-60	-5.55E-05	8.74E-05	2.64E-04	U
AP	ONS-3	517008	007	7/1/20	I-131	-6.04E-02	3.85E-02	1.06E-01	U
AP	ONS-3	517008	007	7/1/20	Fe-59	1.28E-04	2.67E-04	9.72E-04	U
AP	ONS-3	517008	007	7/1/20	La-140	3.37E-03	4.21E-03	1.57E-02	U
AP	ONS-3	517008	007	7/1/20	Mn-54	9.86E-06	6.65E-05	2.17E-04	U
AP	ONS-3	517008	007	7/1/20	Nb-95	-6.25E-05	1.29E-04	3.87E-04	U
AP	ONS-3	517008	007	7/1/20	K-40	1.63E-03	1.07E-03	2.29E-03	U
AP	ONS-3	517008	007	7/1/20	Ru-103	-6.39E-05	2.01E-04	6.45E-04	U
AP	ONS-3	517008	007	7/1/20	Ru-106	-1.92E-05	6.05E-04	1.97E-03	U
AP	ONS-3	517008	007	7/1/20	Se-75	2.38E-06	1.04E-04	3.55E-04	U
AP	ONS-3	517008	007	7/1/20	Ag-108m	1.12E-04	6.22E-05	2.11E-04	U
AP	ONS-3	517008	007	7/1/20	Ag-110m	8.91E-05	9.94E-05	3.48E-04	U
AP	ONS-3	517008	007	7/1/20	Th-228	1.57E-04	1.54E-04	4.24E-04	U
AP	ONS-3	517008	007	7/1/20	Zn-65	-1.73E-04	2.00E-04	5.98E-04	U
AP	ONS-3	517008	007	7/1/20	Zr-95	2.51E-04	2.28E-04	8.05E-04	U
AP	ONS-4	517008	008	7/1/20	Ac-228	9.25E-04	5.30E-04	1.33E-03	U
AP	ONS-4	517008	008	7/1/20	Sb-124	-2.08E-04	2.99E-04	8.46E-04	U
AP	ONS-4	517008	008	7/1/20	Sb-125	1.01E-04	1.63E-04	5.59E-04	U
AP	ONS-4	517008	008	7/1/20	Ba-140	9.73E-03	1.41E-02	4.79E-02	U
AP	ONS-4	517008	008	7/1/20	Be-7	1.58E-01	9.42E-03	4.35E-03	
AP	ONS-4	517008	008	7/1/20	Ce-141	-2.35E-04	3.72E-04	1.14E-03	U
AP	ONS-4	517008	008	7/1/20	Ce-144	-5.05E-05	3.56E-04	1.13E-03	U
AP	ONS-4	517008	008	7/1/20	Cs-134	1.02E-04	7.85E-05	2.84E-04	U
AP	ONS-4	517008	008	7/1/20	Cs-137	4.50E-05	7.15E-05	2.40E-04	U
AP	ONS-4	517008	008	7/1/20	Cr-51	1.28E-03	3.04E-03	1.04E-02	U
AP	ONS-4	517008	008	7/1/20	Co-57	6.05E-05	5.02E-05	1.65E-04	U
AP	ONS-4	517008	008	7/1/20	Co-58	7.70E-05	1.24E-04	4.42E-04	U
AP	ONS-4	517008	008	7/1/20	Co-60	-1.15E-04	7.24E-05	1.43E-04	U
AP	ONS-4	517008	008	7/1/20	I-131	1.36E-03	4.01E-02	1.35E-01	U
AP	ONS-4	517008	008	7/1/20	Fe-59	3.04E-04	4.60E-04	1.61E-03	U
AP	ONS-4	517008	008	7/1/20	La-140	5.71E-03	5.88E-03	2.10E-02	U
AP	ONS-4	517008	008	7/1/20	Mn-54	5.48E-05	8.15E-05	2.88E-04	U
AP	ONS-4	517008	008	7/1/20	Nb-95	-1.46E-04	1.74E-04	4.97E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-4	517008	008	7/1/20	K-40	4.24E-05	1.27E-03	4.65E-03	U
AP	ONS-4	517008	008	7/1/20	Ru-103	-5.48E-06	2.15E-04	7.03E-04	U
AP	ONS-4	517008	008	7/1/20	Ru-106	-2.77E-04	7.36E-04	2.29E-03	U
AP	ONS-4	517008	008	7/1/20	Se-75	-2.38E-05	1.17E-04	3.96E-04	U
AP	ONS-4	517008	008	7/1/20	Ag-108m	3.68E-05	5.84E-05	1.99E-04	U
AP	ONS-4	517008	008	7/1/20	Ag-110m	-8.18E-05	1.09E-04	3.33E-04	U
AP	ONS-4	517008	008	7/1/20	Th-228	7.49E-05	1.69E-04	4.01E-04	U
AP	ONS-4	517008	008	7/1/20	Zn-65	-2.09E-04	1.62E-04	4.04E-04	U
AP	ONS-4	517008	008	7/1/20	Zr-95	-3.51E-05	2.87E-04	9.00E-04	U
AP	ONS-5	517008	009	7/1/20	Ac-228	-5.15E-04	3.66E-04	9.83E-04	U
AP	ONS-5	517008	009	7/1/20	Sb-124	-3.09E-04	4.87E-04	1.43E-03	U
AP	ONS-5	517008	009	7/1/20	Sb-125	-5.81E-05	2.08E-04	6.06E-04	U
AP	ONS-5	517008	009	7/1/20	Ba-140	1.80E-02	1.47E-02	4.79E-02	U
AP	ONS-5	517008	009	7/1/20	Be-7	1.64E-01	1.01E-02	4.76E-03	
AP	ONS-5	517008	009	7/1/20	Ce-141	-1.03E-03	4.35E-04	9.18E-04	U
AP	ONS-5	517008	009	7/1/20	Ce-144	-7.68E-04	3.91E-04	1.01E-03	U
AP	ONS-5	517008	009	7/1/20	Cs-134	7.68E-05	9.68E-05	3.45E-04	U
AP	ONS-5	517008	009	7/1/20	Cs-137	-4.96E-05	8.52E-05	2.55E-04	U
AP	ONS-5	517008	009	7/1/20	Cr-51	1.01E-04	3.37E-03	1.16E-02	U
AP	ONS-5	517008	009	7/1/20	Co-57	-7.67E-05	4.44E-05	1.21E-04	U
AP	ONS-5	517008	009	7/1/20	Co-58	-9.72E-05	1.52E-04	3.64E-04	U
AP	ONS-5	517008	009	7/1/20	Co-60	-3.61E-05	9.31E-05	2.80E-04	U
AP	ONS-5	517008	009	7/1/20	I-131	2.19E-02	4.19E-02	1.46E-01	U
AP	ONS-5	517008	009	7/1/20	Fe-59	2.12E-04	5.19E-04	1.78E-03	U
AP	ONS-5	517008	009	7/1/20	La-140	-1.61E-02	8.55E-03	1.81E-02	U
AP	ONS-5	517008	009	7/1/20	Mn-54	1.53E-04	1.12E-04	3.96E-04	U
AP	ONS-5	517008	009	7/1/20	Nb-95	-1.99E-04	1.80E-04	5.32E-04	U
AP	ONS-5	517008	009	7/1/20	K-40	1.59E-05	1.37E-03	4.06E-03	U
AP	ONS-5	517008	009	7/1/20	Ru-103	-2.39E-04	2.20E-04	6.25E-04	U
AP	ONS-5	517008	009	7/1/20	Ru-106	-6.06E-04	6.50E-04	1.81E-03	U
AP	ONS-5	517008	009	7/1/20	Se-75	2.07E-04	1.48E-04	4.78E-04	U
AP	ONS-5	517008	009	7/1/20	Ag-108m	-1.77E-05	6.62E-05	1.93E-04	U
AP	ONS-5	517008	009	7/1/20	Ag-110m	-1.71E-04	1.24E-04	3.23E-04	U
AP	ONS-5	517008	009	7/1/20	Th-228	2.42E-04	2.72E-04	4.15E-04	U
AP	ONS-5	517008	009	7/1/20	Zn-65	-1.39E-04	1.66E-04	4.55E-04	U
AP	ONS-5	517008	009	7/1/20	Zr-95	4.94E-05	2.54E-04	8.24E-04	U
AP	ONS-6	517008	010	7/1/20	Ac-228	3.70E-04	4.99E-04	1.15E-03	U
AP	ONS-6	517008	010	7/1/20	Sb-124	-3.09E-04	4.22E-04	1.24E-03	U
AP	ONS-6	517008	010	7/1/20	Sb-125	2.35E-05	1.74E-04	5.66E-04	U
AP	ONS-6	517008	010	7/1/20	Ba-140	2.19E-02	2.19E-02	4.45E-02	U
AP	ONS-6	517008	010	7/1/20	Be-7	1.62E-01	9.70E-03	5.18E-03	
AP	ONS-6	517008	010	7/1/20	Ce-141	-4.50E-04	3.74E-04	1.15E-03	U
AP	ONS-6	517008	010	7/1/20	Ce-144	7.82E-04	4.05E-04	1.33E-03	U
AP	ONS-6	517008	010	7/1/20	Cs-134	-1.20E-05	7.85E-05	2.58E-04	U
AP	ONS-6	517008	010	7/1/20	Cs-137	2.62E-05	6.45E-05	2.23E-04	U
AP	ONS-6	517008	010	7/1/20	Cr-51	-1.39E-03	3.45E-03	1.10E-02	U
AP	ONS-6	517008	010	7/1/20	Co-57	-2.83E-05	4.80E-05	1.59E-04	U
AP	ONS-6	517008	010	7/1/20	Co-58	7.67E-05	1.45E-04	5.00E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-6	517008	010	7/1/20	Co-60	7.13E-06	1.12E-04	3.60E-04	U
AP	ONS-6	517008	010	7/1/20	I-131	-6.44E-02	4.98E-02	1.42E-01	U
AP	ONS-6	517008	010	7/1/20	Fe-59	-1.87E-04	3.66E-04	1.10E-03	U
AP	ONS-6	517008	010	7/1/20	La-140	-3.74E-03	4.77E-03	1.38E-02	U
AP	ONS-6	517008	010	7/1/20	Mn-54	2.86E-05	9.74E-05	2.93E-04	U
AP	ONS-6	517008	010	7/1/20	Nb-95	-1.26E-04	1.67E-04	5.04E-04	U
AP	ONS-6	517008	010	7/1/20	K-40	2.46E-04	1.21E-03	1.97E-03	U
AP	ONS-6	517008	010	7/1/20	Ru-103	-3.77E-05	2.43E-04	7.64E-04	U
AP	ONS-6	517008	010	7/1/20	Ru-106	8.66E-04	6.87E-04	2.42E-03	U
AP	ONS-6	517008	010	7/1/20	Se-75	1.39E-04	1.40E-04	4.68E-04	U
AP	ONS-6	517008	010	7/1/20	Ag-108m	-1.89E-05	5.93E-05	1.64E-04	U
AP	ONS-6	517008	010	7/1/20	Ag-110m	-9.02E-05	1.20E-04	3.63E-04	U
AP	ONS-6	517008	010	7/1/20	Th-228	7.12E-05	2.50E-04	4.46E-04	U
AP	ONS-6	517008	010	7/1/20	Zn-65	8.18E-05	1.78E-04	6.06E-04	U
AP	ONS-6	517008	010	7/1/20	Zr-95	1.23E-04	2.77E-04	9.51E-04	U
AP	NBF	517181	001	7/29/20	BETA	2.79E-02	1.57E-03	1.59E-03	
AP	SBN	517181	002	7/29/20	BETA	3.19E-02	1.65E-03	1.48E-03	
AP	DOW	517181	003	7/29/20	BETA	2.97E-02	1.64E-03	1.84E-03	
AP	COL	517181	004	7/29/20	BETA	3.20E-02	1.71E-03	1.61E-03	
AP	ONS-1	517181	005	7/29/20	BETA	3.27E-02	1.68E-03	1.58E-03	
AP	ONS-2	517181	006	7/29/20	BETA	3.08E-02	1.61E-03	1.45E-03	
AP	ONS-3	517181	007	7/29/20	BETA	3.38E-02	1.79E-03	1.94E-03	
AP	ONS-4	517181	008	7/29/20	BETA	2.97E-02	1.64E-03	1.60E-03	
AP	ONS-5	517181	009	7/29/20	BETA	2.96E-02	1.58E-03	1.52E-03	
AP	ONS-6	517181	010	7/29/20	BETA	2.96E-02	1.60E-03	1.48E-03	
AP	NBF	517835	001	8/5/20	BETA	2.12E-02	1.42E-03	1.64E-03	
AP	SBN	517835	002	8/5/20	BETA	1.85E-02	1.30E-03	1.54E-03	
AP	DOW	517835	003	8/5/20	BETA	1.76E-02	1.34E-03	1.99E-03	
AP	COL	517835	004	8/5/20	BETA	2.28E-02	1.47E-03	1.65E-03	
AP	ONS-1	517835	005	8/5/20	BETA	1.94E-02	1.33E-03	1.57E-03	
AP	ONS-2	517835	006	8/1/20	BETA	3.04E-02	2.83E-03	4.11E-03	
AP	ONS-3	517835	007	8/5/20	BETA	1.61E-02	1.37E-03	2.19E-03	
AP	ONS-4	517835	008	8/5/20	BETA	1.92E-02	1.37E-03	1.68E-03	
AP	ONS-5	517835	009	8/5/20	BETA	1.79E-02	1.32E-03	1.64E-03	
AP	ONS-6	517835	010	8/5/20	BETA	1.80E-02	1.29E-03	1.56E-03	
AP	NBF	518715	001	8/12/20	BETA	3.21E-02	1.72E-03	1.86E-03	
AP	SBN	518715	002	8/12/20	BETA	3.56E-02	1.82E-03	1.72E-03	
AP	DOW	518715	003	8/12/20	BETA	3.07E-02	1.67E-03	1.66E-03	
AP	COL	518715	004	8/12/20	BETA	2.99E-02	1.62E-03	1.64E-03	
AP	ONS-1	518715	005	8/12/20	BETA	3.51E-02	1.78E-03	1.85E-03	
AP	ONS-2	518715	006	8/12/20	BETA	4.26E-02	2.62E-03	2.90E-03	
AP	ONS-3	518715	007	8/12/20	BETA	3.55E-02	1.80E-03	1.68E-03	
AP	ONS-4	518715	008	8/12/20	BETA	3.48E-02	1.74E-03	1.64E-03	
AP	ONS-5	518715	009	8/12/20	BETA	3.57E-02	1.78E-03	1.82E-03	
AP	ONS-6	518715	010	8/12/20	BETA	3.53E-02	1.80E-03	1.71E-03	
AP	NBF	519351	001	8/19/20	BETA	2.98E-02	1.65E-03	1.65E-03	
AP	SBN	519351	002	8/19/20	BETA	3.31E-02	1.71E-03	1.58E-03	
AP	DOW	519351	003	8/19/20	BETA	3.08E-02	1.64E-03	1.53E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	COL	519351	004	8/19/20	BETA	3.04E-02	1.68E-03	1.79E-03	
AP	ONS-1	519351	005	8/19/20	BETA	2.93E-02	1.63E-03	1.63E-03	
AP	ONS-2	519351	006	8/19/20	BETA	2.81E-02	1.62E-03	1.64E-03	
AP	ONS-3	519351	007	8/19/20	BETA	3.07E-02	1.64E-03	1.53E-03	
AP	ONS-4	519351	008	8/19/20	BETA	3.04E-02	1.68E-03	1.80E-03	
AP	ONS-5	519351	009	8/19/20	BETA	3.14E-02	1.66E-03	1.59E-03	
AP	ONS-6	519351	010	8/19/20	BETA	3.14E-02	1.67E-03	1.59E-03	
AP	NBF	519910	001	8/26/20	BETA	4.55E-02	2.03E-03	1.82E-03	
AP	SBN	519910	002	8/26/20	BETA	5.67E-02	2.27E-03	1.70E-03	
AP	DOW	519910	003	8/26/20	BETA	4.49E-02	2.04E-03	1.69E-03	
AP	COL	519910	004	8/26/20	BETA	4.84E-02	2.03E-03	1.54E-03	
AP	ONS-1	519910	005	8/26/20	BETA	5.00E-02	2.09E-03	1.78E-03	
AP	ONS-2	519910	006	8/26/20	BETA	5.25E-02	2.21E-03	1.73E-03	
AP	ONS-3	519910	007	8/26/20	BETA	5.01E-02	2.12E-03	1.65E-03	
AP	ONS-4	519910	008	8/26/20	BETA	4.88E-02	2.04E-03	1.55E-03	
AP	ONS-5	519910	009	8/26/20	BETA	4.62E-02	2.06E-03	1.85E-03	
AP	ONS-6	519910	010	8/26/20	BETA	5.14E-02	2.16E-03	1.70E-03	
AP	NBF	520699	001	9/2/20	BETA	3.78E-02	1.83E-03	1.56E-03	
AP	SBN	520699	002	9/2/20	BETA	3.35E-02	1.75E-03	1.79E-03	
AP	DOW	520699	003	9/2/20	BETA	3.92E-02	1.95E-03	1.71E-03	
AP	COL	520699	004	9/2/20	BETA	2.91E-02	1.63E-03	1.62E-03	
AP	ONS-1	520699	005	9/2/20	BETA	3.80E-02	1.86E-03	1.60E-03	
AP	ONS-2	520699	006	9/2/20	BETA	3.14E-02	1.75E-03	1.89E-03	
AP	ONS-3	520699	007	9/2/20	BETA	3.68E-02	1.85E-03	1.64E-03	
AP	ONS-4	520699	008	9/2/20	BETA	3.01E-02	1.70E-03	1.71E-03	
AP	ONS-6	520699	009	9/2/20	BETA	3.17E-02	1.60E-03	1.42E-03	
AP	NBF	521133	001	9/9/20	BETA	2.84E-02	1.58E-03	1.59E-03	
AP	SBN	521133	002	9/9/20	BETA	3.17E-02	1.64E-03	1.47E-03	
AP	DOW	521133	003	9/9/20	BETA	3.08E-02	1.67E-03	1.75E-03	
AP	COL	521133	004	9/9/20	BETA	3.02E-02	1.67E-03	1.62E-03	
AP	ONS-1	521133	005	9/9/20	BETA	2.62E-02	1.52E-03	1.58E-03	
AP	ONS-2	521133	006	9/9/20	BETA	2.84E-02	1.55E-03	1.46E-03	
AP	ONS-3	521133	007	9/9/20	BETA	2.72E-02	1.59E-03	1.78E-03	
AP	ONS-4	521133	008	9/9/20	BETA	3.09E-02	1.68E-03	1.60E-03	
AP	ONS-5	521133	009	9/9/20	BETA	2.74E-02	1.59E-03	1.65E-03	
AP	ONS-6	521133	010	9/9/20	BETA	2.89E-02	1.68E-03	1.66E-03	
AP	NBF	521703	001	9/16/20	BETA	2.80E-02	1.61E-03	1.79E-03	
AP	SBN	521703	002	9/16/20	BETA	2.65E-02	1.59E-03	1.64E-03	
AP	DOW	521703	003	9/16/20	BETA	2.40E-02	1.48E-03	1.62E-03	
AP	COL	521703	004	9/16/20	BETA	2.51E-02	1.49E-03	1.51E-03	
AP	ONS-1	521703	005	9/16/20	BETA	2.62E-02	1.56E-03	1.78E-03	
AP	ONS-2	521703	006	9/16/20	BETA	2.71E-02	1.58E-03	1.61E-03	
AP	ONS-3	521703	007	9/16/20	BETA	2.58E-02	1.56E-03	1.68E-03	
AP	ONS-4	521703	008	9/16/20	BETA	2.63E-02	1.51E-03	1.48E-03	
AP	ONS-5	521703	009	9/16/20	BETA	2.62E-02	1.57E-03	1.79E-03	
AP	ONS-6	521703	010	9/16/20	BETA	2.50E-02	1.51E-03	1.59E-03	
AP	NBF	522500	001	9/23/20	BETA	3.86E-02	1.79E-03	1.46E-03	
AP	SBN	522500	002	9/23/20	BETA	4.19E-02	1.93E-03	1.77E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	DOW	522500	003	9/23/20	BETA	4.01E-02	1.89E-03	1.60E-03	
AP	COL	522500	004	9/23/20	BETA	3.91E-02	1.87E-03	1.64E-03	
AP	ONS-1	522500	005	9/23/20	BETA	4.70E-02	1.96E-03	1.47E-03	
AP	ONS-2	522500	006	9/23/20	BETA	4.17E-02	1.90E-03	1.74E-03	
AP	ONS-3	522500	007	9/23/20	BETA	4.26E-02	1.96E-03	1.62E-03	
AP	ONS-4	522500	008	9/23/20	BETA	3.61E-02	1.77E-03	1.60E-03	
AP	ONS-5	522500	009	9/23/20	BETA	4.08E-02	1.80E-03	1.41E-03	
AP	ONS-6	522500	010	9/23/20	BETA	3.78E-02	1.83E-03	1.75E-03	
AP	NBF	523140	001	9/30/20	BETA	4.09E-02	1.92E-03	1.70E-03	
AP	SBN	523140	002	9/30/20	BETA	4.97E-02	2.15E-03	1.71E-03	
AP	DOW	523140	003	9/30/20	BETA	4.71E-02	2.08E-03	1.61E-03	
AP	COL	523140	004	9/30/20	BETA	4.38E-02	1.96E-03	1.54E-03	
AP	ONS-1	523140	005	9/30/20	BETA	4.42E-02	1.99E-03	1.70E-03	
AP	ONS-2	523140	006	9/30/20	BETA	4.38E-02	2.09E-03	1.79E-03	
AP	ONS-3	523140	007	9/30/20	BETA	4.67E-02	2.04E-03	1.57E-03	
AP	ONS-4	523140	008	9/30/20	BETA	4.38E-02	1.92E-03	1.48E-03	
AP	ONS-5	523140	009	9/30/20	BETA	4.13E-02	1.97E-03	1.76E-03	
AP	ONS-6	523140	010	9/30/20	BETA	4.74E-02	2.06E-03	1.64E-03	
AP	NBF	523936	001	10/7/20	BETA	2.14E-02	1.39E-03	1.51E-03	
AP	SBN	523936	002	10/7/20	BETA	2.06E-02	1.37E-03	1.50E-03	
AP	DOW	523936	003	10/7/20	BETA	2.09E-02	1.43E-03	1.72E-03	
AP	COL	523936	004	10/7/20	BETA	1.99E-02	1.40E-03	1.66E-03	
AP	ONS-1	523936	005	10/7/20	BETA	2.34E-02	1.45E-03	1.51E-03	
AP	ONS-2	523936	006	10/7/20	BETA	2.26E-02	1.43E-03	1.51E-03	
AP	ONS-3	523936	007	10/7/20	BETA	2.53E-02	1.53E-03	1.69E-03	
AP	ONS-4	523936	008	10/7/20	BETA	2.23E-02	1.43E-03	1.59E-03	
AP	ONS-5	523936	009	10/7/20	BETA	2.17E-02	1.41E-03	1.54E-03	
AP	ONS-6	523936	010	10/7/20	BETA	2.36E-02	1.42E-03	1.44E-03	
AP	NBF	524657	001	10/14/20	BETA	4.09E-02	1.88E-03	1.62E-03	
AP	SBN	524657	002	10/14/20	BETA	4.17E-02	1.94E-03	1.58E-03	
AP	DOW	524657	003	10/14/20	BETA	3.70E-02	1.79E-03	1.59E-03	
AP	COL	524657	004	10/14/20	BETA	3.54E-02	1.74E-03	1.47E-03	
AP	ONS-1	524657	005	10/14/20	BETA	3.61E-02	1.77E-03	1.60E-03	
AP	ONS-2	524657	006	10/14/20	BETA	4.21E-02	1.89E-03	1.50E-03	
AP	ONS-3	524657	007	10/14/20	BETA	3.81E-02	1.84E-03	1.63E-03	
AP	ONS-4	524657	008	10/14/20	BETA	3.51E-02	1.72E-03	1.45E-03	
AP	ONS-5	524657	009	10/14/20	BETA	3.88E-02	1.83E-03	1.61E-03	
AP	ONS-6	524657	010	10/14/20	BETA	3.87E-02	1.86E-03	1.56E-03	
AP	NBF	525095	001	10/21/20	BETA	3.39E-02	1.73E-03	1.63E-03	
AP	SBN	525095	002	10/21/20	BETA	3.10E-02	1.69E-03	1.57E-03	
AP	DOW	525095	003	10/21/20	BETA	3.07E-02	1.72E-03	1.74E-03	
AP	COL	525095	004	10/21/20	BETA	2.98E-02	1.60E-03	1.45E-03	
AP	ONS-1	525095	005	10/21/20	BETA	2.97E-02	1.61E-03	1.59E-03	
AP	ONS-2	525095	006	10/21/20	BETA	3.38E-02	1.74E-03	1.55E-03	
AP	ONS-3	525095	007	10/21/20	BETA	3.14E-02	1.72E-03	1.70E-03	
AP	ONS-4	525095	008	10/21/20	BETA	3.05E-02	1.65E-03	1.52E-03	
AP	ONS-5	525095	009	10/21/20	BETA	2.86E-02	1.60E-03	1.63E-03	
AP	ONS-6	525095	010	10/21/20	BETA	3.45E-02	1.74E-03	1.53E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	NBF	526026	001	10/28/20	BETA	2.55E-02	1.53E-03	1.59E-03	
AP	SBN	526026	002	10/28/20	BETA	2.39E-02	1.51E-03	1.61E-03	
AP	DOW	526026	003	10/28/20	BETA	2.20E-02	1.49E-03	1.68E-03	
AP	COL	526026	004	10/28/20	BETA	2.62E-02	1.55E-03	1.52E-03	
AP	ONS-1	526026	005	10/28/20	BETA	2.75E-02	1.57E-03	1.58E-03	
AP	ONS-2	526026	006	10/28/20	BETA	2.68E-02	1.56E-03	1.55E-03	
AP	ONS-3	526026	007	10/28/20	BETA	2.46E-02	1.51E-03	1.59E-03	
AP	ONS-4	526026	008	10/28/20	BETA	2.40E-02	1.47E-03	1.48E-03	
AP	ONS-5	526026	009	10/28/20	BETA	2.56E-02	1.56E-03	1.64E-03	
AP	ONS-6	526026	010	10/28/20	BETA	2.38E-02	1.51E-03	1.60E-03	
AP	NBF	526412	001	9/30/20	Ac-228	3.99E-05	3.93E-04	1.27E-03	U
AP	NBF	526412	001	9/30/20	Sb-124	-7.14E-04	6.22E-04	1.73E-03	U
AP	NBF	526412	001	9/30/20	Sb-125	1.42E-05	2.07E-04	6.93E-04	U
AP	NBF	526412	001	9/30/20	Ba-140	-4.13E-02	3.20E-02	9.27E-02	U
AP	NBF	526412	001	9/30/20	Be-7	1.65E-01	1.02E-02	6.44E-03	
AP	NBF	526412	001	9/30/20	Ce-141	-5.00E-04	7.03E-04	2.04E-03	U
AP	NBF	526412	001	9/30/20	Ce-144	3.31E-04	4.99E-04	1.70E-03	U
AP	NBF	526412	001	9/30/20	Cs-134	-1.67E-04	1.12E-04	2.81E-04	U
AP	NBF	526412	001	9/30/20	Cs-137	3.04E-05	8.14E-05	2.66E-04	U
AP	NBF	526412	001	9/30/20	Cr-51	5.47E-03	5.75E-03	1.85E-02	U
AP	NBF	526412	001	9/30/20	Co-57	-9.63E-05	6.63E-05	2.02E-04	U
AP	NBF	526412	001	9/30/20	Co-58	-2.41E-04	2.15E-04	5.17E-04	U
AP	NBF	526412	001	9/30/20	Co-60	-7.15E-05	9.22E-05	2.81E-04	U
AP	NBF	526412	001	9/30/20	I-131	1.29E-01	1.27E-01	0.00E+00	UI
AP	NBF	526412	001	9/30/20	Fe-59	1.18E-04	6.66E-04	2.18E-03	U
AP	NBF	526412	001	9/30/20	La-140	3.42E-03	1.08E-02	3.62E-02	U
AP	NBF	526412	001	9/30/20	Mn-54	4.40E-05	8.53E-05	2.91E-04	U
AP	NBF	526412	001	9/30/20	Nb-95	-5.23E-05	1.71E-04	5.60E-04	U
AP	NBF	526412	001	9/30/20	K-40	-1.57E-03	1.43E-03	4.80E-03	U
AP	NBF	526412	001	9/30/20	Ru-103	-6.54E-05	3.26E-04	1.03E-03	U
AP	NBF	526412	001	9/30/20	Ru-106	1.19E-03	8.25E-04	2.72E-03	U
AP	NBF	526412	001	9/30/20	Se-75	-5.43E-05	1.55E-04	4.92E-04	U
AP	NBF	526412	001	9/30/20	Ag-108m	1.12E-05	6.61E-05	2.21E-04	U
AP	NBF	526412	001	9/30/20	Ag-110m	2.82E-05	1.27E-04	4.24E-04	U
AP	NBF	526412	001	9/30/20	Th-228	7.66E-05	2.18E-04	5.20E-04	U
AP	NBF	526412	001	9/30/20	Zn-65	-3.17E-04	2.69E-04	7.66E-04	U
AP	NBF	526412	001	9/30/20	Zr-95	1.56E-04	3.52E-04	1.20E-03	U
AP	SBN	526412	002	9/30/20	Ac-228	-3.05E-04	2.97E-04	8.92E-04	U
AP	SBN	526412	002	9/30/20	Sb-124	-5.24E-04	3.92E-04	8.70E-04	U
AP	SBN	526412	002	9/30/20	Sb-125	-2.30E-04	1.59E-04	4.48E-04	U
AP	SBN	526412	002	9/30/20	Ba-140	1.38E-03	1.92E-02	6.44E-02	U
AP	SBN	526412	002	9/30/20	Be-7	1.59E-01	1.02E-02	3.84E-03	
AP	SBN	526412	002	9/30/20	Ce-141	1.27E-04	3.42E-04	1.12E-03	U
AP	SBN	526412	002	9/30/20	Ce-144	-1.55E-04	3.25E-04	1.02E-03	U
AP	SBN	526412	002	9/30/20	Cs-134	-5.36E-05	6.52E-05	1.86E-04	U
AP	SBN	526412	002	9/30/20	Cs-137	-4.75E-05	5.49E-05	1.60E-04	U
AP	SBN	526412	002	9/30/20	Cr-51	-9.04E-03	3.89E-03	9.30E-03	U
AP	SBN	526412	002	9/30/20	Co-57	-5.37E-06	3.71E-05	1.19E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	SBN	526412	002	9/30/20	Co-58	7.50E-05	1.29E-04	4.41E-04	U
AP	SBN	526412	002	9/30/20	Co-60	7.33E-05	8.52E-05	3.06E-04	U
AP	SBN	526412	002	9/30/20	I-131	-1.22E-02	8.75E-02	0.00E+00	U
AP	SBN	526412	002	9/30/20	Fe-59	2.07E-04	3.77E-04	1.29E-03	U
AP	SBN	526412	002	9/30/20	La-140	9.10E-03	6.45E-03	2.57E-02	U
AP	SBN	526412	002	9/30/20	Mn-54	3.15E-04	1.72E-04	2.29E-04	UI
AP	SBN	526412	002	9/30/20	Nb-95	-1.40E-04	1.76E-04	5.18E-04	U
AP	SBN	526412	002	9/30/20	K-40	-1.06E-03	8.22E-04	2.20E-03	U
AP	SBN	526412	002	9/30/20	Ru-103	1.72E-05	1.89E-04	6.37E-04	U
AP	SBN	526412	002	9/30/20	Ru-106	5.84E-04	5.77E-04	2.01E-03	U
AP	SBN	526412	002	9/30/20	Se-75	-1.55E-04	1.19E-04	3.21E-04	U
AP	SBN	526412	002	9/30/20	Ag-108m	1.92E-05	4.42E-05	1.53E-04	U
AP	SBN	526412	002	9/30/20	Ag-110m	-2.50E-04	1.32E-04	2.90E-04	U
AP	SBN	526412	002	9/30/20	Th-228	2.30E-04	1.55E-04	3.70E-04	U
AP	SBN	526412	002	9/30/20	Zn-65	-6.35E-06	1.71E-04	5.81E-04	U
AP	SBN	526412	002	9/30/20	Zr-95	4.32E-05	2.25E-04	7.48E-04	U
AP	DOW	526412	003	9/30/20	Ac-228	-1.22E-03	6.57E-04	1.49E-03	U
AP	DOW	526412	003	9/30/20	Sb-124	-1.45E-03	9.31E-04	1.86E-03	U
AP	DOW	526412	003	9/30/20	Sb-125	-1.00E-05	3.11E-04	1.05E-03	U
AP	DOW	526412	003	9/30/20	Ba-140	1.82E-02	4.46E-02	1.53E-01	U
AP	DOW	526412	003	9/30/20	Be-7	1.72E-01	1.24E-02	8.09E-03	
AP	DOW	526412	003	9/30/20	Ce-141	8.21E-04	6.52E-04	2.20E-03	U
AP	DOW	526412	003	9/30/20	Ce-144	5.79E-04	5.37E-04	1.82E-03	U
AP	DOW	526412	003	9/30/20	Cs-134	-1.28E-04	1.74E-04	5.16E-04	U
AP	DOW	526412	003	9/30/20	Cs-137	2.91E-04	1.49E-04	5.11E-04	U
AP	DOW	526412	003	9/30/20	Cr-51	-1.05E-02	7.66E-03	2.03E-02	U
AP	DOW	526412	003	9/30/20	Co-57	3.10E-05	7.13E-05	2.41E-04	U
AP	DOW	526412	003	9/30/20	Co-58	4.82E-04	2.87E-04	1.02E-03	U
AP	DOW	526412	003	9/30/20	Co-60	3.56E-04	1.91E-04	6.90E-04	U
AP	DOW	526412	003	9/30/20	I-131	5.75E-04	1.68E-01	0.00E+00	UI
AP	DOW	526412	003	9/30/20	Fe-59	-9.77E-04	8.67E-04	2.40E-03	U
AP	DOW	526412	003	9/30/20	La-140	-3.31E-02	2.30E-02	5.52E-02	U
AP	DOW	526412	003	9/30/20	Mn-54	-6.24E-05	1.63E-04	4.39E-04	U
AP	DOW	526412	003	9/30/20	Nb-95	-2.41E-04	2.90E-04	8.35E-04	U
AP	DOW	526412	003	9/30/20	K-40	1.19E-04	1.90E-03	6.55E-03	U
AP	DOW	526412	003	9/30/20	Ru-103	-3.38E-04	4.44E-04	1.38E-03	U
AP	DOW	526412	003	9/30/20	Ru-106	-5.99E-04	1.46E-03	4.11E-03	U
AP	DOW	526412	003	9/30/20	Se-75	3.23E-04	2.23E-04	7.26E-04	U
AP	DOW	526412	003	9/30/20	Ag-108m	-9.67E-05	1.11E-04	2.99E-04	U
AP	DOW	526412	003	9/30/20	Ag-110m	2.57E-05	2.12E-04	6.90E-04	U
AP	DOW	526412	003	9/30/20	Th-228	-2.62E-04	2.07E-04	6.54E-04	U
AP	DOW	526412	003	9/30/20	Zn-65	-2.84E-04	3.49E-04	1.05E-03	U
AP	DOW	526412	003	9/30/20	Zr-95	4.83E-05	4.79E-04	1.41E-03	U
AP	COL	526412	004	9/30/20	Ac-228	-2.67E-05	3.43E-04	1.19E-03	U
AP	COL	526412	004	9/30/20	Sb-124	-1.03E-03	5.84E-04	1.06E-03	U
AP	COL	526412	004	9/30/20	Sb-125	7.80E-05	1.74E-04	5.95E-04	U
AP	COL	526412	004	9/30/20	Ba-140	4.62E-02	5.45E-02	8.53E-02	U
AP	COL	526412	004	9/30/20	Be-7	1.54E-01	9.86E-03	5.27E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	COL	526412	004	9/30/20	Ce-141	1.99E-04	8.60E-04	1.55E-03	U
AP	COL	526412	004	9/30/20	Ce-144	-1.02E-04	4.19E-04	1.31E-03	U
AP	COL	526412	004	9/30/20	Cs-134	-7.05E-05	7.54E-05	2.02E-04	U
AP	COL	526412	004	9/30/20	Cs-137	4.68E-06	7.91E-05	2.57E-04	U
AP	COL	526412	004	9/30/20	Cr-51	3.54E-03	4.76E-03	1.64E-02	U
AP	COL	526412	004	9/30/20	Co-57	-8.97E-06	5.86E-05	1.74E-04	U
AP	COL	526412	004	9/30/20	Co-58	-1.22E-04	1.69E-04	4.86E-04	U
AP	COL	526412	004	9/30/20	Co-60	-5.51E-07	8.92E-05	2.95E-04	U
AP	COL	526412	004	9/30/20	I-131	2.84E-03	1.07E-01	0.00E+00	UI
AP	COL	526412	004	9/30/20	Fe-59	-6.25E-05	4.60E-04	1.52E-03	U
AP	COL	526412	004	9/30/20	La-140	-5.34E-03	1.06E-02	3.17E-02	U
AP	COL	526412	004	9/30/20	Mn-54	4.02E-05	9.58E-05	3.17E-04	U
AP	COL	526412	004	9/30/20	Nb-95	1.54E-04	3.06E-04	7.13E-04	U
AP	COL	526412	004	9/30/20	K-40	-4.90E-05	1.41E-03	4.80E-03	U
AP	COL	526412	004	9/30/20	Ru-103	2.74E-04	2.56E-04	8.93E-04	U
AP	COL	526412	004	9/30/20	Ru-106	-1.34E-04	7.24E-04	2.31E-03	U
AP	COL	526412	004	9/30/20	Se-75	-1.62E-04	1.36E-04	4.16E-04	U
AP	COL	526412	004	9/30/20	Ag-108m	1.38E-04	6.85E-05	2.18E-04	U
AP	COL	526412	004	9/30/20	Ag-110m	1.44E-04	1.11E-04	3.98E-04	U
AP	COL	526412	004	9/30/20	Th-228	6.07E-04	2.89E-04	5.00E-04	UI
AP	COL	526412	004	9/30/20	Zn-65	-5.75E-05	2.15E-04	6.99E-04	U
AP	COL	526412	004	9/30/20	Zr-95	-2.96E-04	3.22E-04	8.97E-04	U
AP	ONS-1	526412	005	9/30/20	Ac-228	-7.07E-04	3.52E-04	7.82E-04	U
AP	ONS-1	526412	005	9/30/20	Sb-124	-3.25E-05	4.76E-04	1.51E-03	U
AP	ONS-1	526412	005	9/30/20	Sb-125	4.94E-05	1.50E-04	5.06E-04	U
AP	ONS-1	526412	005	9/30/20	Ba-140	-2.36E-02	2.93E-02	8.75E-02	U
AP	ONS-1	526412	005	9/30/20	Be-7	1.76E-01	1.12E-02	3.78E-03	
AP	ONS-1	526412	005	9/30/20	Ce-141	5.43E-04	7.11E-04	1.18E-03	U
AP	ONS-1	526412	005	9/30/20	Ce-144	2.74E-04	3.08E-04	9.97E-04	U
AP	ONS-1	526412	005	9/30/20	Cs-134	-2.21E-05	7.87E-05	2.60E-04	U
AP	ONS-1	526412	005	9/30/20	Cs-137	-6.05E-05	7.33E-05	2.15E-04	U
AP	ONS-1	526412	005	9/30/20	Cr-51	2.74E-03	4.17E-03	1.43E-02	U
AP	ONS-1	526412	005	9/30/20	Co-57	-5.07E-05	4.25E-05	1.19E-04	U
AP	ONS-1	526412	005	9/30/20	Co-58	-2.40E-04	1.45E-04	3.55E-04	U
AP	ONS-1	526412	005	9/30/20	Co-60	6.42E-05	9.15E-05	3.22E-04	U
AP	ONS-1	526412	005	9/30/20	I-131	9.03E-02	9.95E-02	0.00E+00	UI
AP	ONS-1	526412	005	9/30/20	Fe-59	6.13E-05	5.60E-04	1.89E-03	U
AP	ONS-1	526412	005	9/30/20	La-140	-3.83E-03	7.34E-03	2.05E-02	U
AP	ONS-1	526412	005	9/30/20	Mn-54	1.24E-04	9.43E-05	3.14E-04	U
AP	ONS-1	526412	005	9/30/20	Nb-95	7.42E-05	2.21E-04	6.27E-04	U
AP	ONS-1	526412	005	9/30/20	K-40	5.06E-03	1.11E-03	2.45E-03	
AP	ONS-1	526412	005	9/30/20	Ru-103	-2.46E-04	2.41E-04	6.86E-04	U
AP	ONS-1	526412	005	9/30/20	Ru-106	-1.59E-05	7.57E-04	2.43E-03	U
AP	ONS-1	526412	005	9/30/20	Se-75	-4.14E-05	1.05E-04	3.46E-04	U
AP	ONS-1	526412	005	9/30/20	Ag-108m	1.75E-05	4.88E-05	1.65E-04	U
AP	ONS-1	526412	005	9/30/20	Ag-110m	-4.70E-05	1.41E-04	4.61E-04	U
AP	ONS-1	526412	005	9/30/20	Th-228	1.43E-04	1.51E-04	3.92E-04	U
AP	ONS-1	526412	005	9/30/20	Zn-65	-7.01E-05	2.22E-04	6.82E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-1	526412	005	9/30/20	Zr-95	2.80E-04	3.91E-04	1.14E-03	U
AP	ONS-2	526412	006	9/30/20	Ac-228	-3.94E-04	4.30E-04	1.15E-03	U
AP	ONS-2	526412	006	9/30/20	Sb-124	5.40E-04	5.49E-04	2.06E-03	U
AP	ONS-2	526412	006	9/30/20	Sb-125	1.48E-04	2.03E-04	6.73E-04	U
AP	ONS-2	526412	006	9/30/20	Ba-140	1.54E-02	2.71E-02	9.42E-02	U
AP	ONS-2	526412	006	9/30/20	Be-7	1.60E-01	1.18E-02	5.48E-03	
AP	ONS-2	526412	006	9/30/20	Ce-141	-3.58E-04	5.26E-04	1.64E-03	U
AP	ONS-2	526412	006	9/30/20	Ce-144	1.22E-04	3.98E-04	1.26E-03	U
AP	ONS-2	526412	006	9/30/20	Cs-134	4.77E-05	9.34E-05	3.18E-04	U
AP	ONS-2	526412	006	9/30/20	Cs-137	3.52E-05	8.53E-05	2.60E-04	U
AP	ONS-2	526412	006	9/30/20	Cr-51	-6.32E-03	4.63E-03	1.29E-02	U
AP	ONS-2	526412	006	9/30/20	Co-57	-6.98E-05	6.11E-05	1.72E-04	U
AP	ONS-2	526412	006	9/30/20	Co-58	3.71E-04	1.77E-04	5.96E-04	U
AP	ONS-2	526412	006	9/30/20	Co-60	6.68E-05	1.05E-04	3.68E-04	U
AP	ONS-2	526412	006	9/30/20	I-131	-1.60E-01	1.27E-01	0.00E+00	U
AP	ONS-2	526412	006	9/30/20	Fe-59	1.15E-03	5.33E-04	2.04E-03	U
AP	ONS-2	526412	006	9/30/20	La-140	-1.26E-02	1.06E-02	2.39E-02	U
AP	ONS-2	526412	006	9/30/20	Mn-54	7.72E-05	9.90E-05	3.41E-04	U
AP	ONS-2	526412	006	9/30/20	Nb-95	4.63E-04	2.08E-04	7.02E-04	U
AP	ONS-2	526412	006	9/30/20	K-40	-7.19E-05	1.37E-03	4.80E-03	U
AP	ONS-2	526412	006	9/30/20	Ru-103	1.22E-03	4.21E-04	8.34E-04	UI
AP	ONS-2	526412	006	9/30/20	Ru-106	1.83E-03	9.00E-04	3.09E-03	U
AP	ONS-2	526412	006	9/30/20	Se-75	1.53E-04	1.47E-04	4.94E-04	U
AP	ONS-2	526412	006	9/30/20	Ag-108m	2.78E-05	6.69E-05	2.18E-04	U
AP	ONS-2	526412	006	9/30/20	Ag-110m	4.71E-05	1.40E-04	4.15E-04	U
AP	ONS-2	526412	006	9/30/20	Th-228	-8.10E-05	1.20E-04	3.84E-04	U
AP	ONS-2	526412	006	9/30/20	Zn-65	1.24E-04	1.91E-04	6.85E-04	U
AP	ONS-2	526412	006	9/30/20	Zr-95	2.08E-04	3.31E-04	1.14E-03	U
AP	ONS-3	526412	007	9/30/20	Ac-228	-2.37E-04	4.25E-04	1.25E-03	U
AP	ONS-3	526412	007	9/30/20	Sb-124	-5.62E-05	4.56E-04	1.51E-03	U
AP	ONS-3	526412	007	9/30/20	Sb-125	-8.26E-05	1.95E-04	6.27E-04	U
AP	ONS-3	526412	007	9/30/20	Ba-140	-1.34E-02	2.71E-02	8.44E-02	U
AP	ONS-3	526412	007	9/30/20	Be-7	1.68E-01	1.14E-02	6.23E-03	
AP	ONS-3	526412	007	9/30/20	Ce-141	-6.22E-04	5.51E-04	1.62E-03	U
AP	ONS-3	526412	007	9/30/20	Ce-144	-3.01E-05	4.13E-04	1.34E-03	U
AP	ONS-3	526412	007	9/30/20	Cs-134	2.89E-05	1.00E-04	3.28E-04	U
AP	ONS-3	526412	007	9/30/20	Cs-137	-2.84E-05	7.19E-05	2.21E-04	U
AP	ONS-3	526412	007	9/30/20	Cr-51	-9.08E-04	4.63E-03	1.56E-02	U
AP	ONS-3	526412	007	9/30/20	Co-57	3.21E-05	5.59E-05	1.86E-04	U
AP	ONS-3	526412	007	9/30/20	Co-58	7.92E-05	1.81E-04	5.43E-04	U
AP	ONS-3	526412	007	9/30/20	Co-60	1.38E-04	1.11E-04	3.99E-04	U
AP	ONS-3	526412	007	9/30/20	I-131	5.06E-03	1.05E-01	0.00E+00	UI
AP	ONS-3	526412	007	9/30/20	Fe-59	-1.41E-03	7.09E-04	1.46E-03	U
AP	ONS-3	526412	007	9/30/20	La-140	6.25E-03	9.05E-03	3.27E-02	U
AP	ONS-3	526412	007	9/30/20	Mn-54	-2.87E-05	9.10E-05	2.99E-04	U
AP	ONS-3	526412	007	9/30/20	Nb-95	2.26E-04	1.91E-04	6.60E-04	U
AP	ONS-3	526412	007	9/30/20	K-40	1.59E-04	1.49E-03	4.01E-03	U
AP	ONS-3	526412	007	9/30/20	Ru-103	4.03E-04	2.87E-04	1.00E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-3	526412	007	9/30/20	Ru-106	-5.63E-04	9.01E-04	2.74E-03	U
AP	ONS-3	526412	007	9/30/20	Se-75	-3.10E-04	1.64E-04	3.93E-04	U
AP	ONS-3	526412	007	9/30/20	Ag-108m	-1.05E-04	6.72E-05	1.83E-04	U
AP	ONS-3	526412	007	9/30/20	Ag-110m	-1.62E-04	1.18E-04	3.07E-04	U
AP	ONS-3	526412	007	9/30/20	Th-228	-2.31E-04	1.54E-04	4.26E-04	U
AP	ONS-3	526412	007	9/30/20	Zn-65	9.35E-05	2.71E-04	9.24E-04	U
AP	ONS-3	526412	007	9/30/20	Zr-95	6.80E-04	3.19E-04	1.13E-03	U
AP	ONS-4	526412	008	9/30/20	Ac-228	-2.02E-04	3.56E-04	1.11E-03	U
AP	ONS-4	526412	008	9/30/20	Sb-124	-3.92E-04	6.34E-04	1.86E-03	U
AP	ONS-4	526412	008	9/30/20	Sb-125	-1.96E-04	1.87E-04	5.66E-04	U
AP	ONS-4	526412	008	9/30/20	Ba-140	4.53E-03	2.54E-02	8.62E-02	U
AP	ONS-4	526412	008	9/30/20	Be-7	2.44E-01	1.47E-02	5.49E-03	
AP	ONS-4	526412	008	9/30/20	Ce-141	-4.29E-04	5.13E-04	1.58E-03	U
AP	ONS-4	526412	008	9/30/20	Ce-144	-3.88E-04	3.89E-04	1.17E-03	U
AP	ONS-4	526412	008	9/30/20	Cs-134	-8.96E-05	9.66E-05	2.73E-04	U
AP	ONS-4	526412	008	9/30/20	Cs-137	3.40E-05	7.14E-05	2.46E-04	U
AP	ONS-4	526412	008	9/30/20	Cr-51	3.40E-03	5.30E-03	1.71E-02	U
AP	ONS-4	526412	008	9/30/20	Co-57	4.62E-05	4.34E-05	1.48E-04	U
AP	ONS-4	526412	008	9/30/20	Co-58	-3.44E-05	1.59E-04	5.02E-04	U
AP	ONS-4	526412	008	9/30/20	Co-60	4.16E-05	6.08E-05	2.28E-04	U
AP	ONS-4	526412	008	9/30/20	I-131	1.94E-02	1.05E-01	0.00E+00	UI
AP	ONS-4	526412	008	9/30/20	Fe-59	2.44E-04	5.97E-04	1.99E-03	U
AP	ONS-4	526412	008	9/30/20	La-140	1.92E-03	1.02E-02	3.49E-02	U
AP	ONS-4	526412	008	9/30/20	Mn-54	-5.35E-05	8.68E-05	2.56E-04	U
AP	ONS-4	526412	008	9/30/20	Nb-95	-1.02E-05	1.98E-04	6.42E-04	U
AP	ONS-4	526412	008	9/30/20	K-40	-1.95E-04	1.46E-03	5.10E-03	U
AP	ONS-4	526412	008	9/30/20	Ru-103	5.01E-04	3.13E-04	1.10E-03	U
AP	ONS-4	526412	008	9/30/20	Ru-106	-9.31E-04	8.81E-04	2.56E-03	U
AP	ONS-4	526412	008	9/30/20	Se-75	-2.53E-04	1.59E-04	4.13E-04	U
AP	ONS-4	526412	008	9/30/20	Ag-108m	-9.47E-05	6.00E-05	1.64E-04	U
AP	ONS-4	526412	008	9/30/20	Ag-110m	-8.03E-05	1.19E-04	3.41E-04	U
AP	ONS-4	526412	008	9/30/20	Th-228	-2.83E-04	1.85E-04	6.44E-04	U
AP	ONS-4	526412	008	9/30/20	Zn-65	-5.64E-05	2.23E-04	6.78E-04	U
AP	ONS-4	526412	008	9/30/20	Zr-95	-6.30E-04	2.98E-04	4.76E-04	U
AP	ONS-5	526412	009	9/30/20	Ac-228	4.46E-05	3.07E-04	9.91E-04	U
AP	ONS-5	526412	009	9/30/20	Sb-124	4.07E-04	3.95E-04	1.48E-03	U
AP	ONS-5	526412	009	9/30/20	Sb-125	-1.60E-04	1.57E-04	4.58E-04	U
AP	ONS-5	526412	009	9/30/20	Ba-140	2.12E-02	2.30E-02	7.87E-02	U
AP	ONS-5	526412	009	9/30/20	Be-7	1.54E-01	1.02E-02	4.22E-03	
AP	ONS-5	526412	009	9/30/20	Ce-141	-3.10E-04	5.03E-04	1.37E-03	U
AP	ONS-5	526412	009	9/30/20	Ce-144	2.82E-04	3.61E-04	1.16E-03	U
AP	ONS-5	526412	009	9/30/20	Cs-134	5.10E-08	8.02E-05	2.54E-04	U
AP	ONS-5	526412	009	9/30/20	Cs-137	-3.02E-05	6.78E-05	1.80E-04	U
AP	ONS-5	526412	009	9/30/20	Cr-51	3.28E-03	3.98E-03	1.36E-02	U
AP	ONS-5	526412	009	9/30/20	Co-57	1.04E-05	4.37E-05	1.39E-04	U
AP	ONS-5	526412	009	9/30/20	Co-58	-1.13E-04	1.36E-04	3.75E-04	U
AP	ONS-5	526412	009	9/30/20	Co-60	4.05E-05	8.54E-05	2.96E-04	U
AP	ONS-5	526412	009	9/30/20	I-131	-2.43E-02	1.07E-01	0.00E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-5	526412	009	9/30/20	Fe-59	8.17E-04	4.55E-04	1.62E-03	U
AP	ONS-5	526412	009	9/30/20	La-140	-9.66E-04	6.96E-03	2.20E-02	U
AP	ONS-5	526412	009	9/30/20	Mn-54	-1.86E-04	9.21E-05	2.16E-04	U
AP	ONS-5	526412	009	9/30/20	Nb-95	1.12E-04	1.74E-04	5.80E-04	U
AP	ONS-5	526412	009	9/30/20	K-40	3.15E-03	1.21E-03	9.91E-04	UI
AP	ONS-5	526412	009	9/30/20	Ru-103	8.54E-05	2.45E-04	8.21E-04	U
AP	ONS-5	526412	009	9/30/20	Ru-106	2.42E-04	6.93E-04	2.29E-03	U
AP	ONS-5	526412	009	9/30/20	Se-75	2.91E-05	1.11E-04	3.79E-04	U
AP	ONS-5	526412	009	9/30/20	Ag-108m	-1.40E-05	4.85E-05	1.56E-04	U
AP	ONS-5	526412	009	9/30/20	Ag-110m	5.16E-05	1.08E-04	3.82E-04	U
AP	ONS-5	526412	009	9/30/20	Th-228	6.38E-05	1.16E-04	3.79E-04	U
AP	ONS-5	526412	009	9/30/20	Zn-65	1.85E-04	1.79E-04	6.04E-04	U
AP	ONS-5	526412	009	9/30/20	Zr-95	2.55E-04	2.97E-04	1.01E-03	U
AP	ONS-6	526412	010	9/30/20	Ac-228	-2.34E-04	3.40E-04	1.15E-03	U
AP	ONS-6	526412	010	9/30/20	Sb-124	-3.52E-04	5.16E-04	1.47E-03	U
AP	ONS-6	526412	010	9/30/20	Sb-125	2.65E-04	2.01E-04	7.01E-04	U
AP	ONS-6	526412	010	9/30/20	Ba-140	9.07E-03	2.72E-02	9.12E-02	U
AP	ONS-6	526412	010	9/30/20	Be-7	1.46E-01	1.01E-02	6.41E-03	
AP	ONS-6	526412	010	9/30/20	Ce-141	-1.25E-03	5.05E-04	1.10E-03	U
AP	ONS-6	526412	010	9/30/20	Ce-144	-1.98E-04	3.08E-04	9.74E-04	U
AP	ONS-6	526412	010	9/30/20	Cs-134	4.74E-05	7.83E-05	2.79E-04	U
AP	ONS-6	526412	010	9/30/20	Cs-137	7.09E-05	7.76E-05	2.66E-04	U
AP	ONS-6	526412	010	9/30/20	Cr-51	-1.37E-03	4.01E-03	1.34E-02	U
AP	ONS-6	526412	010	9/30/20	Co-57	3.22E-06	4.16E-05	1.40E-04	U
AP	ONS-6	526412	010	9/30/20	Co-58	2.98E-04	1.91E-04	6.86E-04	U
AP	ONS-6	526412	010	9/30/20	Co-60	2.01E-05	8.65E-05	2.88E-04	U
AP	ONS-6	526412	010	9/30/20	I-131	7.71E-02	1.17E-01	0.00E+00	UI
AP	ONS-6	526412	010	9/30/20	Fe-59	-4.82E-04	5.92E-04	1.68E-03	U
AP	ONS-6	526412	010	9/30/20	La-140	9.86E-03	1.07E-02	3.97E-02	U
AP	ONS-6	526412	010	9/30/20	Mn-54	1.60E-04	9.22E-05	3.35E-04	U
AP	ONS-6	526412	010	9/30/20	Nb-95	1.79E-04	1.79E-04	6.44E-04	U
AP	ONS-6	526412	010	9/30/20	K-40	-2.16E-04	1.21E-03	4.14E-03	U
AP	ONS-6	526412	010	9/30/20	Ru-103	-4.73E-05	2.87E-04	9.30E-04	U
AP	ONS-6	526412	010	9/30/20	Ru-106	1.31E-03	7.96E-04	2.77E-03	U
AP	ONS-6	526412	010	9/30/20	Se-75	-1.45E-04	1.38E-04	3.90E-04	U
AP	ONS-6	526412	010	9/30/20	Ag-108m	-2.21E-05	6.79E-05	2.21E-04	U
AP	ONS-6	526412	010	9/30/20	Ag-110m	-8.63E-05	1.32E-04	4.03E-04	U
AP	ONS-6	526412	010	9/30/20	Th-228	1.91E-04	1.67E-04	4.18E-04	U
AP	ONS-6	526412	010	9/30/20	Zn-65	-3.08E-04	2.56E-04	6.75E-04	U
AP	ONS-6	526412	010	9/30/20	Zr-95	-2.79E-04	3.29E-04	1.00E-03	U
AP	NBF	526673	001	11/4/20	BETA	4.89E-02	2.12E-03	1.63E-03	
AP	SBN	526673	002	11/4/20	BETA	4.50E-02	1.97E-03	1.53E-03	
AP	DOW	526673	003	11/4/20	BETA	4.74E-02	2.07E-03	1.55E-03	
AP	COL	526673	004	11/4/20	BETA	4.42E-02	1.94E-03	1.54E-03	
AP	ONS-1	526673	005	11/4/20	BETA	4.84E-02	2.18E-03	1.74E-03	
AP	ONS-2	526673	006	11/4/20	BETA	4.54E-02	2.02E-03	1.60E-03	
AP	ONS-3	526673	007	11/4/20	BETA	4.28E-02	1.93E-03	1.50E-03	
AP	ONS-4	526673	008	11/4/20	BETA	4.99E-02	2.11E-03	1.62E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-5	526673	009	11/4/20	BETA	5.12E-02	2.17E-03	1.64E-03	
AP	ONS-6	526673	010	11/4/20	BETA	4.60E-02	2.01E-03	1.56E-03	
AP	NBF	527434	001	11/11/20	BETA	4.70E-02	2.11E-03	1.69E-03	
AP	SBN	527434	002	11/11/20	BETA	4.65E-02	2.06E-03	1.63E-03	
AP	DOW	527434	003	11/11/20	BETA	4.70E-02	2.04E-03	1.53E-03	
AP	COL	527434	004	11/11/20	BETA	4.58E-02	2.01E-03	1.60E-03	
AP	ONS-1	527434	005	11/11/20	BETA	4.68E-02	2.13E-03	1.72E-03	
AP	ONS-2	527434	006	11/11/20	BETA	4.41E-02	2.03E-03	1.65E-03	
AP	ONS-3	527434	007	11/11/20	BETA	4.46E-02	1.99E-03	1.53E-03	
AP	ONS-4	527434	008	11/11/20	BETA	4.37E-02	2.02E-03	1.68E-03	
AP	ONS-5	527434	009	11/11/20	BETA	4.85E-02	2.13E-03	1.68E-03	
AP	ONS-6	527434	010	11/11/20	BETA	4.54E-02	2.03E-03	1.61E-03	
AP	NBF	528159	001	11/18/20	BETA	4.78E-02	2.04E-03	1.58E-03	
AP	SBN	528159	002	11/18/20	BETA	4.43E-02	1.95E-03	1.68E-03	
AP	DOW	528159	003	11/18/20	BETA	4.94E-02	2.13E-03	1.70E-03	
AP	COL	528159	004	11/18/20	BETA	4.64E-02	1.95E-03	1.54E-03	
AP	ONS-1	528159	005	11/18/20	BETA	4.85E-02	2.08E-03	1.62E-03	
AP	ONS-2	528159	006	11/18/20	BETA	4.83E-02	2.11E-03	1.80E-03	
AP	ONS-3	528159	007	11/18/20	BETA	4.88E-02	2.12E-03	1.71E-03	
AP	ONS-4	528159	008	11/18/20	BETA	4.56E-02	1.99E-03	1.63E-03	
AP	ONS-5	528159	009	11/18/20	BETA	4.33E-02	1.92E-03	1.55E-03	
AP	ONS-6	528159	010	11/18/20	BETA	4.62E-02	2.08E-03	1.82E-03	
AP	NBF	528706	001	11/24/20	BETA	3.99E-02	2.06E-03	1.95E-03	
AP	SBN	528706	002	11/24/20	BETA	4.12E-02	2.06E-03	1.84E-03	
AP	DOW	528706	003	11/24/20	BETA	3.56E-02	1.99E-03	2.10E-03	
AP	COL	528706	004	11/24/20	BETA	4.47E-02	2.18E-03	1.94E-03	
AP	ONS-1	528706	005	11/24/20	BETA	3.95E-02	2.03E-03	1.91E-03	
AP	ONS-2	528706	006	11/24/20	BETA	3.89E-02	2.00E-03	1.83E-03	
AP	ONS-3	528706	007	11/24/20	BETA	3.74E-02	2.01E-03	2.06E-03	
AP	ONS-4	528706	008	11/24/20	BETA	4.48E-02	2.20E-03	1.98E-03	
AP	ONS-5	528706	009	11/24/20	BETA	4.03E-02	2.06E-03	1.94E-03	
AP	ONS-6	528706	010	11/24/20	BETA	4.60E-02	2.15E-03	1.82E-03	
AP	NBF	529301	001	12/2/20	BETA	3.40E-02	1.63E-03	1.46E-03	
AP	SBN	529301	002	12/2/20	BETA	3.79E-02	1.74E-03	1.42E-03	
AP	DOW	529301	003	12/2/20	BETA	3.65E-02	1.70E-03	1.44E-03	
AP	COL	529301	004	12/2/20	BETA	3.81E-02	1.67E-03	1.32E-03	
AP	ONS-1	529301	005	12/2/20	BETA	3.78E-02	1.70E-03	1.43E-03	
AP	ONS-2	529301	006	12/2/20	BETA	3.39E-02	1.63E-03	1.40E-03	
AP	ONS-3	529301	007	12/2/20	BETA	3.18E-02	1.54E-03	1.35E-03	
AP	ONS-4	529301	008	12/2/20	BETA	3.39E-02	1.56E-03	1.28E-03	
AP	ONS-5	529301	009	12/2/20	BETA	3.50E-02	1.62E-03	1.41E-03	
AP	ONS-6	529301	010	12/2/20	BETA	3.46E-02	1.63E-03	1.36E-03	
AP	NBF	529825	001	12/9/20	BETA	3.97E-02	1.85E-03	1.53E-03	
AP	SBN	529825	002	12/9/20	BETA	3.83E-02	1.87E-03	1.67E-03	
AP	DOW	529825	003	12/9/20	BETA	3.92E-02	1.93E-03	1.65E-03	
AP	COL	529825	004	12/9/20	BETA	3.72E-02	1.83E-03	1.59E-03	
AP	ONS-1	529825	005	12/9/20	BETA	3.86E-02	1.85E-03	1.57E-03	
AP	ONS-2	529825	006	12/9/20	BETA	3.40E-02	1.75E-03	1.62E-03	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-3	529825	007	12/9/20	BETA	4.17E-02	1.92E-03	1.55E-03	
AP	ONS-4	529825	008	12/9/20	BETA	4.16E-02	1.92E-03	1.57E-03	
AP	ONS-5	529825	009	12/9/20	BETA	4.23E-02	1.92E-03	1.56E-03	
AP	ONS-6	529825	010	12/9/20	BETA	4.19E-02	1.96E-03	1.68E-03	
AP	NBF	530491	001	12/16/20	BETA	6.64E-02	2.45E-03	1.62E-03	
AP	SBN	530491	002	12/16/20	BETA	5.84E-02	2.26E-03	1.57E-03	
AP	DOW	530491	003	12/16/20	BETA	5.78E-02	2.28E-03	1.61E-03	
AP	COL	530491	004	12/16/20	BETA	5.09E-02	2.05E-03	1.50E-03	
AP	ONS-1	530491	005	12/16/20	BETA	5.79E-02	2.28E-03	1.61E-03	
AP	ONS-2	530491	006	12/16/20	BETA	5.61E-02	2.23E-03	1.59E-03	
AP	ONS-3	530491	007	12/16/20	BETA	5.62E-02	2.14E-03	1.47E-03	
AP	ONS-4	530491	008	12/16/20	BETA	5.82E-02	2.26E-03	1.59E-03	
AP	ONS-5	530491	009	12/16/20	BETA	6.07E-02	2.28E-03	1.54E-03	
AP	ONS-6	530491	010	12/16/20	BETA	5.62E-02	2.25E-03	1.60E-03	
AP	NBF	530899	001	12/23/20	BETA	5.13E-02	2.13E-03	1.61E-03	
AP	SBN	530899	002	12/23/20	BETA	5.36E-02	2.20E-03	1.64E-03	
AP	DOW	530899	003	12/23/20	BETA	5.20E-02	2.19E-03	1.75E-03	
AP	COL	530899	004	12/23/20	BETA	5.53E-02	2.19E-03	1.54E-03	
AP	ONS-1	530899	005	12/23/20	BETA	5.75E-02	2.24E-03	1.60E-03	
AP	ONS-2	530899	006	12/23/20	BETA	5.54E-02	2.24E-03	1.65E-03	
AP	ONS-3	530899	007	12/23/20	BETA	5.05E-02	2.10E-03	1.65E-03	
AP	ONS-4	530899	008	12/23/20	BETA	5.62E-02	2.17E-03	1.49E-03	
AP	ONS-5	530899	009	12/23/20	BETA	5.65E-02	2.21E-03	1.58E-03	
AP	ONS-6	530899	010	12/23/20	BETA	5.77E-02	2.27E-03	1.62E-03	
AP	NBF	531075	001	12/29/20	BETA	3.40E-02	1.93E-03	1.90E-03	
AP	SBN	531075	002	12/29/20	BETA	2.90E-02	1.77E-03	1.94E-03	
AP	DOW	531075	003	12/29/20	BETA	2.97E-02	1.77E-03	1.77E-03	
AP	COL	531075	004	12/29/20	BETA	3.30E-02	1.87E-03	1.86E-03	
AP	ONS-1	531075	005	12/29/20	BETA	3.16E-02	1.83E-03	1.85E-03	
AP	ONS-2	531075	006	12/29/20	BETA	3.47E-02	1.92E-03	1.93E-03	
AP	ONS-3	531075	007	12/29/20	BETA	2.96E-02	1.70E-03	1.67E-03	
AP	ONS-4	531075	008	12/29/20	BETA	3.08E-02	1.74E-03	1.71E-03	
AP	ONS-5	531075	009	12/29/20	BETA	3.55E-02	1.92E-03	1.82E-03	
AP	ONS-6	531075	010	12/29/20	BETA	3.15E-02	1.85E-03	1.96E-03	
AP	NBF	533251	001	12/29/20	Ac-228	-1.01E-03	4.17E-04	7.42E-04	U
AP	NBF	533251	001	12/29/20	Sb-124	1.67E-04	4.46E-04	1.54E-03	U
AP	NBF	533251	001	12/29/20	Sb-125	5.47E-04	3.30E-04	6.48E-04	U
AP	NBF	533251	001	12/29/20	Ba-140	2.68E-03	1.11E-02	3.74E-02	U
AP	NBF	533251	001	12/29/20	Be-7	1.17E-01	8.07E-03	4.87E-03	
AP	NBF	533251	001	12/29/20	Ce-141	3.11E-04	4.41E-04	8.76E-04	U
AP	NBF	533251	001	12/29/20	Ce-144	-2.12E-04	3.21E-04	9.78E-04	U
AP	NBF	533251	001	12/29/20	Cs-134	-8.25E-05	9.02E-05	2.52E-04	U
AP	NBF	533251	001	12/29/20	Cs-137	4.08E-05	7.36E-05	2.50E-04	U
AP	NBF	533251	001	12/29/20	Cr-51	-3.88E-06	2.97E-03	1.01E-02	U
AP	NBF	533251	001	12/29/20	Co-57	5.77E-06	4.21E-05	1.37E-04	U
AP	NBF	533251	001	12/29/20	Co-58	-5.67E-05	1.59E-04	4.88E-04	U
AP	NBF	533251	001	12/29/20	Co-60	7.46E-05	7.45E-05	2.78E-04	U
AP	NBF	533251	001	12/29/20	I-131	1.37E-02	3.91E-02	1.35E-01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	NBF	533251	001	12/29/20	Fe-59	2.22E-04	4.46E-04	1.58E-03	U
AP	NBF	533251	001	12/29/20	La-140	2.29E-03	5.75E-03	1.98E-02	U
AP	NBF	533251	001	12/29/20	Mn-54	1.35E-05	8.69E-05	2.77E-04	U
AP	NBF	533251	001	12/29/20	Nb-95	9.02E-05	1.25E-04	4.33E-04	U
AP	NBF	533251	001	12/29/20	K-40	3.29E-03	1.57E-03	2.26E-03	UI
AP	NBF	533251	001	12/29/20	Ru-103	-1.49E-04	1.67E-04	4.86E-04	U
AP	NBF	533251	001	12/29/20	Ru-106	-7.05E-04	7.73E-04	2.26E-03	U
AP	NBF	533251	001	12/29/20	Se-75	-1.89E-05	9.75E-05	3.31E-04	U
AP	NBF	533251	001	12/29/20	Ag-108m	2.23E-05	6.06E-05	2.07E-04	U
AP	NBF	533251	001	12/29/20	Ag-110m	-3.57E-06	1.16E-04	3.68E-04	U
AP	NBF	533251	001	12/29/20	Th-228	1.88E-04	2.06E-04	3.18E-04	U
AP	NBF	533251	001	12/29/20	Zn-65	-4.04E-06	1.57E-04	5.28E-04	U
AP	NBF	533251	001	12/29/20	Zr-95	3.83E-04	2.37E-04	8.57E-04	U
AP	SBN	533251	002	12/29/20	Ac-228	9.60E-04	4.99E-04	1.38E-03	U
AP	SBN	533251	002	12/29/20	Sb-124	-3.42E-04	4.81E-04	1.35E-03	U
AP	SBN	533251	002	12/29/20	Sb-125	3.33E-04	2.69E-04	6.63E-04	U
AP	SBN	533251	002	12/29/20	Ba-140	4.61E-02	1.96E-02	4.73E-02	U
AP	SBN	533251	002	12/29/20	Be-7	1.16E-01	8.22E-03	5.10E-03	
AP	SBN	533251	002	12/29/20	Ce-141	-7.12E-04	4.71E-04	1.27E-03	U
AP	SBN	533251	002	12/29/20	Ce-144	-3.10E-04	4.46E-04	1.30E-03	U
AP	SBN	533251	002	12/29/20	Cs-134	1.96E-05	9.50E-05	3.03E-04	U
AP	SBN	533251	002	12/29/20	Cs-137	-1.13E-04	8.37E-05	2.37E-04	U
AP	SBN	533251	002	12/29/20	Cr-51	-5.02E-03	3.88E-03	1.04E-02	U
AP	SBN	533251	002	12/29/20	Co-57	5.65E-05	5.37E-05	1.82E-04	U
AP	SBN	533251	002	12/29/20	Co-58	6.99E-05	1.30E-04	4.59E-04	U
AP	SBN	533251	002	12/29/20	Co-60	2.38E-05	1.09E-04	3.65E-04	U
AP	SBN	533251	002	12/29/20	I-131	2.65E-03	3.95E-02	1.28E-01	U
AP	SBN	533251	002	12/29/20	Fe-59	-9.43E-05	3.68E-04	1.17E-03	U
AP	SBN	533251	002	12/29/20	La-140	-1.55E-02	9.69E-03	2.32E-02	U
AP	SBN	533251	002	12/29/20	Mn-54	-6.18E-05	8.30E-05	2.53E-04	U
AP	SBN	533251	002	12/29/20	Nb-95	-1.67E-04	1.98E-04	5.26E-04	U
AP	SBN	533251	002	12/29/20	K-40	4.85E-03	1.68E-03	2.32E-03	
AP	SBN	533251	002	12/29/20	Ru-103	-5.59E-05	2.33E-04	7.25E-04	U
AP	SBN	533251	002	12/29/20	Ru-106	3.26E-04	8.25E-04	2.86E-03	U
AP	SBN	533251	002	12/29/20	Se-75	-5.60E-05	1.45E-04	4.39E-04	U
AP	SBN	533251	002	12/29/20	Ag-108m	-1.98E-05	7.35E-05	2.03E-04	U
AP	SBN	533251	002	12/29/20	Ag-110m	1.08E-04	1.50E-04	4.76E-04	U
AP	SBN	533251	002	12/29/20	Th-228	1.65E-05	1.59E-04	4.82E-04	U
AP	SBN	533251	002	12/29/20	Zn-65	-8.67E-05	2.07E-04	6.50E-04	U
AP	SBN	533251	002	12/29/20	Zr-95	4.00E-05	2.83E-04	8.57E-04	U
AP	DOW	533251	003	12/29/20	Ac-228	6.36E-04	5.44E-04	1.08E-03	U
AP	DOW	533251	003	12/29/20	Sb-124	1.45E-04	3.08E-04	1.12E-03	U
AP	DOW	533251	003	12/29/20	Sb-125	-1.14E-04	1.31E-04	4.04E-04	U
AP	DOW	533251	003	12/29/20	Ba-140	8.74E-03	1.06E-02	3.75E-02	U
AP	DOW	533251	003	12/29/20	Be-7	1.19E-01	7.90E-03	4.28E-03	
AP	DOW	533251	003	12/29/20	Ce-141	-5.24E-04	2.89E-04	7.41E-04	U
AP	DOW	533251	003	12/29/20	Ce-144	-3.44E-04	3.09E-04	9.19E-04	U
AP	DOW	533251	003	12/29/20	Cs-134	-1.21E-04	9.36E-05	2.41E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	DOW	533251	003	12/29/20	Cs-137	3.07E-06	6.38E-05	2.13E-04	U
AP	DOW	533251	003	12/29/20	Cr-51	1.14E-03	2.84E-03	9.18E-03	U
AP	DOW	533251	003	12/29/20	Co-57	1.39E-05	4.22E-05	1.42E-04	U
AP	DOW	533251	003	12/29/20	Co-58	6.17E-05	1.08E-04	3.77E-04	U
AP	DOW	533251	003	12/29/20	Co-60	-3.46E-05	7.69E-05	2.42E-04	U
AP	DOW	533251	003	12/29/20	I-131	2.77E-04	3.42E-02	1.07E-01	U
AP	DOW	533251	003	12/29/20	Fe-59	1.20E-04	3.85E-04	1.29E-03	U
AP	DOW	533251	003	12/29/20	La-140	-9.15E-03	6.20E-03	1.48E-02	U
AP	DOW	533251	003	12/29/20	Mn-54	1.15E-04	8.90E-05	2.93E-04	U
AP	DOW	533251	003	12/29/20	Nb-95	6.38E-05	1.23E-04	4.24E-04	U
AP	DOW	533251	003	12/29/20	K-40	8.58E-04	1.43E-03	2.31E-03	U
AP	DOW	533251	003	12/29/20	Ru-103	-1.96E-04	1.93E-04	5.79E-04	U
AP	DOW	533251	003	12/29/20	Ru-106	-1.24E-03	6.91E-04	1.68E-03	U
AP	DOW	533251	003	12/29/20	Se-75	-3.52E-05	1.06E-04	3.27E-04	U
AP	DOW	533251	003	12/29/20	Ag-108m	3.38E-05	5.09E-05	1.79E-04	U
AP	DOW	533251	003	12/29/20	Ag-110m	-1.12E-04	1.00E-04	2.61E-04	U
AP	DOW	533251	003	12/29/20	Th-228	2.16E-04	1.68E-04	4.16E-04	U
AP	DOW	533251	003	12/29/20	Zn-65	-1.13E-04	1.64E-04	4.54E-04	U
AP	DOW	533251	003	12/29/20	Zr-95	7.87E-04	3.13E-04	8.66E-04	U
AP	COL	533251	004	12/29/20	Ac-228	-8.83E-04	4.14E-04	1.08E-03	U
AP	COL	533251	004	12/29/20	Sb-124	6.11E-04	4.28E-04	1.63E-03	U
AP	COL	533251	004	12/29/20	Sb-125	-2.66E-05	1.73E-04	5.72E-04	U
AP	COL	533251	004	12/29/20	Ba-140	9.71E-03	1.24E-02	4.24E-02	U
AP	COL	533251	004	12/29/20	Be-7	1.17E-01	7.91E-03	3.95E-03	
AP	COL	533251	004	12/29/20	Ce-141	-1.92E-04	3.97E-04	1.19E-03	U
AP	COL	533251	004	12/29/20	Ce-144	-3.38E-04	3.40E-04	1.01E-03	U
AP	COL	533251	004	12/29/20	Cs-134	-2.82E-05	9.54E-05	2.86E-04	U
AP	COL	533251	004	12/29/20	Cs-137	3.94E-05	7.27E-05	2.44E-04	U
AP	COL	533251	004	12/29/20	Cr-51	5.22E-03	3.48E-03	1.19E-02	U
AP	COL	533251	004	12/29/20	Co-57	-2.94E-05	4.53E-05	1.41E-04	U
AP	COL	533251	004	12/29/20	Co-58	-1.08E-04	1.37E-04	3.86E-04	U
AP	COL	533251	004	12/29/20	Co-60	-5.94E-05	7.68E-05	2.16E-04	U
AP	COL	533251	004	12/29/20	I-131	9.34E-03	3.59E-02	1.23E-01	U
AP	COL	533251	004	12/29/20	Fe-59	3.19E-04	4.08E-04	1.45E-03	U
AP	COL	533251	004	12/29/20	La-140	-5.77E-03	5.71E-03	1.38E-02	U
AP	COL	533251	004	12/29/20	Mn-54	-4.61E-05	6.43E-05	1.98E-04	U
AP	COL	533251	004	12/29/20	Nb-95	1.43E-04	1.31E-04	4.55E-04	U
AP	COL	533251	004	12/29/20	K-40	1.04E-03	1.37E-03	1.81E-03	U
AP	COL	533251	004	12/29/20	Ru-103	2.35E-04	2.13E-04	7.37E-04	U
AP	COL	533251	004	12/29/20	Ru-106	2.53E-04	6.27E-04	2.10E-03	U
AP	COL	533251	004	12/29/20	Se-75	-2.11E-05	1.06E-04	3.61E-04	U
AP	COL	533251	004	12/29/20	Ag-108m	-8.67E-05	5.74E-05	1.58E-04	U
AP	COL	533251	004	12/29/20	Ag-110m	-6.72E-05	1.17E-04	3.71E-04	U
AP	COL	533251	004	12/29/20	Th-228	1.99E-05	1.81E-04	3.95E-04	U
AP	COL	533251	004	12/29/20	Zn-65	-3.75E-05	1.89E-04	5.31E-04	U
AP	COL	533251	004	12/29/20	Zr-95	-5.05E-05	2.99E-04	9.37E-04	U
AP	ONS-1	533251	005	12/29/20	Ac-228	-2.63E-04	4.19E-04	1.23E-03	U
AP	ONS-1	533251	005	12/29/20	Sb-124	2.16E-04	3.14E-04	1.15E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-1	533251	005	12/29/20	Sb-125	-1.34E-05	1.72E-04	5.60E-04	U
AP	ONS-1	533251	005	12/29/20	Ba-140	1.14E-02	1.35E-02	4.52E-02	U
AP	ONS-1	533251	005	12/29/20	Be-7	1.17E-01	7.86E-03	4.74E-03	
AP	ONS-1	533251	005	12/29/20	Ce-141	1.78E-04	3.95E-04	1.17E-03	U
AP	ONS-1	533251	005	12/29/20	Ce-144	-5.54E-04	4.27E-04	1.01E-03	U
AP	ONS-1	533251	005	12/29/20	Cs-134	1.85E-05	8.28E-05	2.81E-04	U
AP	ONS-1	533251	005	12/29/20	Cs-137	1.31E-05	7.19E-05	2.47E-04	U
AP	ONS-1	533251	005	12/29/20	Cr-51	1.97E-03	3.16E-03	1.07E-02	U
AP	ONS-1	533251	005	12/29/20	Co-57	-4.62E-05	4.35E-05	1.27E-04	U
AP	ONS-1	533251	005	12/29/20	Co-58	2.44E-04	1.24E-04	3.78E-04	U
AP	ONS-1	533251	005	12/29/20	Co-60	4.93E-05	8.18E-05	2.91E-04	U
AP	ONS-1	533251	005	12/29/20	I-131	-1.06E-02	3.41E-02	1.10E-01	U
AP	ONS-1	533251	005	12/29/20	Fe-59	4.88E-04	3.70E-04	1.33E-03	U
AP	ONS-1	533251	005	12/29/20	La-140	-9.66E-03	5.52E-03	1.22E-02	U
AP	ONS-1	533251	005	12/29/20	Mn-54	-2.50E-05	8.15E-05	2.64E-04	U
AP	ONS-1	533251	005	12/29/20	Nb-95	-2.81E-05	1.32E-04	4.35E-04	U
AP	ONS-1	533251	005	12/29/20	K-40	8.54E-04	1.77E-03	2.69E-03	U
AP	ONS-1	533251	005	12/29/20	Ru-103	2.14E-04	2.36E-04	7.88E-04	U
AP	ONS-1	533251	005	12/29/20	Ru-106	3.51E-04	7.47E-04	2.44E-03	U
AP	ONS-1	533251	005	12/29/20	Se-75	-4.76E-05	1.09E-04	3.58E-04	U
AP	ONS-1	533251	005	12/29/20	Ag-108m	-2.49E-05	5.10E-05	1.60E-04	U
AP	ONS-1	533251	005	12/29/20	Ag-110m	1.01E-04	1.21E-04	3.84E-04	U
AP	ONS-1	533251	005	12/29/20	Th-228	3.80E-05	1.28E-04	3.94E-04	U
AP	ONS-1	533251	005	12/29/20	Zn-65	-4.34E-04	2.72E-04	5.48E-04	U
AP	ONS-1	533251	005	12/29/20	Zr-95	-1.55E-05	2.61E-04	8.73E-04	U
AP	ONS-2	533251	006	12/29/20	Ac-228	4.72E-04	4.53E-04	1.14E-03	U
AP	ONS-2	533251	006	12/29/20	Sb-124	7.41E-04	4.11E-04	1.57E-03	U
AP	ONS-2	533251	006	12/29/20	Sb-125	2.89E-04	1.67E-04	5.78E-04	U
AP	ONS-2	533251	006	12/29/20	Ba-140	-1.12E-02	1.35E-02	3.63E-02	U
AP	ONS-2	533251	006	12/29/20	Be-7	1.12E-01	7.65E-03	4.22E-03	
AP	ONS-2	533251	006	12/29/20	Ce-141	-2.25E-04	3.75E-04	1.16E-03	U
AP	ONS-2	533251	006	12/29/20	Ce-144	-2.95E-04	3.64E-04	1.10E-03	U
AP	ONS-2	533251	006	12/29/20	Cs-134	-1.94E-05	7.68E-05	2.44E-04	U
AP	ONS-2	533251	006	12/29/20	Cs-137	5.18E-05	7.75E-05	2.65E-04	U
AP	ONS-2	533251	006	12/29/20	Cr-51	-2.20E-03	2.85E-03	9.22E-03	U
AP	ONS-2	533251	006	12/29/20	Co-57	1.03E-04	6.28E-05	1.40E-04	U
AP	ONS-2	533251	006	12/29/20	Co-58	-4.41E-05	1.20E-04	3.73E-04	U
AP	ONS-2	533251	006	12/29/20	Co-60	2.96E-04	1.18E-04	3.90E-04	U
AP	ONS-2	533251	006	12/29/20	I-131	-3.26E-03	3.24E-02	1.10E-01	U
AP	ONS-2	533251	006	12/29/20	Fe-59	-2.07E-04	3.52E-04	1.01E-03	U
AP	ONS-2	533251	006	12/29/20	La-140	4.62E-03	4.25E-03	1.55E-02	U
AP	ONS-2	533251	006	12/29/20	Mn-54	2.81E-05	7.35E-05	2.25E-04	U
AP	ONS-2	533251	006	12/29/20	Nb-95	1.57E-04	1.48E-04	5.13E-04	U
AP	ONS-2	533251	006	12/29/20	K-40	1.61E-03	1.79E-03	2.36E-03	U
AP	ONS-2	533251	006	12/29/20	Ru-103	2.37E-04	1.89E-04	6.65E-04	U
AP	ONS-2	533251	006	12/29/20	Ru-106	1.13E-03	7.24E-04	2.50E-03	U
AP	ONS-2	533251	006	12/29/20	Se-75	1.28E-04	1.05E-04	3.42E-04	U
AP	ONS-2	533251	006	12/29/20	Ag-108m	-1.15E-05	5.43E-05	1.81E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-2	533251	006	12/29/20	Ag-110m	8.77E-05	1.22E-04	4.16E-04	U
AP	ONS-2	533251	006	12/29/20	Th-228	1.86E-04	1.68E-04	3.95E-04	U
AP	ONS-2	533251	006	12/29/20	Zn-65	3.25E-04	1.75E-04	6.34E-04	U
AP	ONS-2	533251	006	12/29/20	Zr-95	9.11E-05	2.25E-04	7.64E-04	U
AP	ONS-3	533251	007	12/29/20	Ac-228	-4.73E-04	3.90E-04	8.89E-04	U
AP	ONS-3	533251	007	12/29/20	Sb-124	-1.37E-04	3.45E-04	1.05E-03	U
AP	ONS-3	533251	007	12/29/20	Sb-125	-9.19E-05	1.20E-04	3.71E-04	U
AP	ONS-3	533251	007	12/29/20	Ba-140	-3.02E-03	1.08E-02	3.49E-02	U
AP	ONS-3	533251	007	12/29/20	Be-7	1.18E-01	7.87E-03	3.49E-03	
AP	ONS-3	533251	007	12/29/20	Ce-141	-3.05E-04	3.43E-04	9.74E-04	U
AP	ONS-3	533251	007	12/29/20	Ce-144	5.18E-04	3.15E-04	1.03E-03	U
AP	ONS-3	533251	007	12/29/20	Cs-134	-4.29E-06	6.28E-05	2.02E-04	U
AP	ONS-3	533251	007	12/29/20	Cs-137	-3.33E-05	5.20E-05	1.56E-04	U
AP	ONS-3	533251	007	12/29/20	Cr-51	-3.61E-03	2.61E-03	6.65E-03	U
AP	ONS-3	533251	007	12/29/20	Co-57	-8.81E-06	3.36E-05	1.07E-04	U
AP	ONS-3	533251	007	12/29/20	Co-58	1.97E-04	2.11E-04	3.67E-04	U
AP	ONS-3	533251	007	12/29/20	Co-60	-8.76E-05	6.58E-05	1.61E-04	U
AP	ONS-3	533251	007	12/29/20	I-131	-4.85E-02	2.98E-02	8.22E-02	U
AP	ONS-3	533251	007	12/29/20	Fe-59	-4.28E-05	3.74E-04	1.17E-03	U
AP	ONS-3	533251	007	12/29/20	La-140	-3.28E-03	3.70E-03	9.83E-03	U
AP	ONS-3	533251	007	12/29/20	Mn-54	-5.76E-05	8.06E-05	2.38E-04	U
AP	ONS-3	533251	007	12/29/20	Nb-95	7.69E-05	9.31E-05	3.31E-04	U
AP	ONS-3	533251	007	12/29/20	K-40	3.28E-03	1.69E-03	2.01E-03	UI
AP	ONS-3	533251	007	12/29/20	Ru-103	-1.41E-04	1.58E-04	4.72E-04	U
AP	ONS-3	533251	007	12/29/20	Ru-106	-8.10E-04	6.25E-04	1.72E-03	U
AP	ONS-3	533251	007	12/29/20	Se-75	1.50E-04	1.09E-04	3.52E-04	U
AP	ONS-3	533251	007	12/29/20	Ag-108m	7.19E-05	5.02E-05	1.63E-04	U
AP	ONS-3	533251	007	12/29/20	Ag-110m	2.57E-04	9.61E-05	2.56E-04	UI
AP	ONS-3	533251	007	12/29/20	Th-228	1.03E-04	1.33E-04	2.86E-04	U
AP	ONS-3	533251	007	12/29/20	Zn-65	-1.04E-04	1.58E-04	4.90E-04	U
AP	ONS-3	533251	007	12/29/20	Zr-95	-1.04E-04	2.26E-04	6.95E-04	U
AP	ONS-4	533251	008	12/29/20	Ac-228	1.40E-03	1.03E-03	2.43E-03	U
AP	ONS-4	533251	008	12/29/20	Sb-124	4.65E-04	4.95E-04	1.93E-03	U
AP	ONS-4	533251	008	12/29/20	Sb-125	-8.65E-05	2.79E-04	9.27E-04	U
AP	ONS-4	533251	008	12/29/20	Ba-140	4.85E-03	1.98E-02	6.74E-02	U
AP	ONS-4	533251	008	12/29/20	Be-7	1.30E-01	9.91E-03	7.37E-03	
AP	ONS-4	533251	008	12/29/20	Ce-141	-9.41E-04	6.14E-04	1.67E-03	U
AP	ONS-4	533251	008	12/29/20	Ce-144	-1.57E-04	5.01E-04	1.63E-03	U
AP	ONS-4	533251	008	12/29/20	Cs-134	5.95E-05	1.57E-04	5.26E-04	U
AP	ONS-4	533251	008	12/29/20	Cs-137	1.56E-04	1.33E-04	4.64E-04	U
AP	ONS-4	533251	008	12/29/20	Cr-51	6.73E-03	5.30E-03	1.74E-02	U
AP	ONS-4	533251	008	12/29/20	Co-57	4.28E-05	6.48E-05	2.21E-04	U
AP	ONS-4	533251	008	12/29/20	Co-58	1.69E-04	2.69E-04	8.35E-04	U
AP	ONS-4	533251	008	12/29/20	Co-60	-2.76E-05	1.51E-04	4.89E-04	U
AP	ONS-4	533251	008	12/29/20	I-131	-3.73E-02	6.28E-02	1.96E-01	U
AP	ONS-4	533251	008	12/29/20	Fe-59	5.94E-04	8.37E-04	2.73E-03	U
AP	ONS-4	533251	008	12/29/20	La-140	3.08E-04	7.94E-03	2.61E-02	U
AP	ONS-4	533251	008	12/29/20	Mn-54	1.39E-04	1.55E-04	5.33E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-4	533251	008	12/29/20	Nb-95	5.71E-06	2.97E-04	9.68E-04	U
AP	ONS-4	533251	008	12/29/20	K-40	1.99E-03	2.67E-03	9.13E-03	U
AP	ONS-4	533251	008	12/29/20	Ru-103	-6.03E-04	3.58E-04	9.23E-04	U
AP	ONS-4	533251	008	12/29/20	Ru-106	-3.52E-04	1.36E-03	4.41E-03	U
AP	ONS-4	533251	008	12/29/20	Se-75	-3.29E-04	2.11E-04	5.56E-04	U
AP	ONS-4	533251	008	12/29/20	Ag-108m	9.11E-05	9.32E-05	3.29E-04	U
AP	ONS-4	533251	008	12/29/20	Ag-110m	5.71E-04	2.09E-04	6.36E-04	U
AP	ONS-4	533251	008	12/29/20	Th-228	-2.74E-04	2.16E-04	6.50E-04	U
AP	ONS-4	533251	008	12/29/20	Zn-65	1.03E-04	3.58E-04	1.24E-03	U
AP	ONS-4	533251	008	12/29/20	Zr-95	-7.62E-05	3.94E-04	1.25E-03	U
AP	ONS-5	533251	009	12/29/20	Ac-228	-3.59E-04	3.86E-04	1.15E-03	U
AP	ONS-5	533251	009	12/29/20	Sb-124	2.20E-04	5.52E-04	1.94E-03	U
AP	ONS-5	533251	009	12/29/20	Sb-125	1.09E-04	1.59E-04	5.47E-04	U
AP	ONS-5	533251	009	12/29/20	Ba-140	8.97E-03	1.44E-02	4.84E-02	U
AP	ONS-5	533251	009	12/29/20	Be-7	1.27E-01	8.99E-03	5.47E-03	
AP	ONS-5	533251	009	12/29/20	Ce-141	6.63E-04	4.31E-04	1.28E-03	U
AP	ONS-5	533251	009	12/29/20	Ce-144	8.07E-05	3.64E-04	1.16E-03	U
AP	ONS-5	533251	009	12/29/20	Cs-134	8.84E-05	8.33E-05	2.84E-04	U
AP	ONS-5	533251	009	12/29/20	Cs-137	6.48E-05	8.54E-05	2.77E-04	U
AP	ONS-5	533251	009	12/29/20	Cr-51	-2.40E-03	3.46E-03	1.08E-02	U
AP	ONS-5	533251	009	12/29/20	Co-57	-6.78E-06	4.10E-05	1.28E-04	U
AP	ONS-5	533251	009	12/29/20	Co-58	6.21E-05	1.33E-04	4.69E-04	U
AP	ONS-5	533251	009	12/29/20	Co-60	-1.06E-04	1.11E-04	2.97E-04	U
AP	ONS-5	533251	009	12/29/20	I-131	-4.86E-02	4.23E-02	1.04E-01	U
AP	ONS-5	533251	009	12/29/20	Fe-59	-6.27E-04	6.20E-04	1.56E-03	U
AP	ONS-5	533251	009	12/29/20	La-140	-2.61E-03	3.96E-03	1.09E-02	U
AP	ONS-5	533251	009	12/29/20	Mn-54	1.59E-04	1.23E-04	2.33E-04	U
AP	ONS-5	533251	009	12/29/20	Nb-95	4.63E-04	2.19E-04	7.61E-04	U
AP	ONS-5	533251	009	12/29/20	K-40	-1.56E-03	1.17E-03	3.50E-03	U
AP	ONS-5	533251	009	12/29/20	Ru-103	-2.36E-06	2.53E-04	8.15E-04	U
AP	ONS-5	533251	009	12/29/20	Ru-106	-8.55E-04	8.43E-04	2.30E-03	U
AP	ONS-5	533251	009	12/29/20	Se-75	-7.75E-05	1.26E-04	4.05E-04	U
AP	ONS-5	533251	009	12/29/20	Ag-108m	-1.53E-04	7.03E-05	1.50E-04	U
AP	ONS-5	533251	009	12/29/20	Ag-110m	-1.41E-04	1.76E-04	5.35E-04	U
AP	ONS-5	533251	009	12/29/20	Th-228	1.05E-04	1.72E-04	4.40E-04	U
AP	ONS-5	533251	009	12/29/20	Zn-65	-1.11E-04	2.35E-04	7.17E-04	U
AP	ONS-5	533251	009	12/29/20	Zr-95	-2.23E-04	2.98E-04	9.11E-04	U
AP	ONS-6	533251	010	12/29/20	Ac-228	7.92E-04	3.69E-04	1.27E-03	U
AP	ONS-6	533251	010	12/29/20	Sb-124	-9.62E-04	4.77E-04	6.95E-04	U
AP	ONS-6	533251	010	12/29/20	Sb-125	-2.43E-04	2.11E-04	5.86E-04	U
AP	ONS-6	533251	010	12/29/20	Ba-140	-3.24E-04	1.31E-02	4.38E-02	U
AP	ONS-6	533251	010	12/29/20	Be-7	1.25E-01	8.94E-03	4.82E-03	
AP	ONS-6	533251	010	12/29/20	Ce-141	-2.81E-04	3.41E-04	1.11E-03	U
AP	ONS-6	533251	010	12/29/20	Ce-144	2.70E-04	3.77E-04	1.21E-03	U
AP	ONS-6	533251	010	12/29/20	Cs-134	-1.50E-04	1.17E-04	3.16E-04	U
AP	ONS-6	533251	010	12/29/20	Cs-137	-3.15E-05	7.44E-05	2.34E-04	U
AP	ONS-6	533251	010	12/29/20	Cr-51	-3.27E-03	3.05E-03	8.89E-03	U
AP	ONS-6	533251	010	12/29/20	Co-57	-6.58E-05	4.74E-05	1.26E-04	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
AP	ONS-6	533251	010	12/29/20	Co-58	-7.74E-06	1.43E-04	4.62E-04	U
AP	ONS-6	533251	010	12/29/20	Co-60	1.19E-05	8.94E-05	2.98E-04	U
AP	ONS-6	533251	010	12/29/20	I-131	2.77E-03	3.39E-02	1.10E-01	U
AP	ONS-6	533251	010	12/29/20	Fe-59	-2.50E-04	4.35E-04	1.33E-03	U
AP	ONS-6	533251	010	12/29/20	La-140	6.21E-03	6.29E-03	2.26E-02	U
AP	ONS-6	533251	010	12/29/20	Mn-54	-1.91E-05	9.12E-05	2.88E-04	U
AP	ONS-6	533251	010	12/29/20	Nb-95	5.07E-05	2.13E-04	6.22E-04	U
AP	ONS-6	533251	010	12/29/20	K-40	-3.48E-04	1.36E-03	4.52E-03	U
AP	ONS-6	533251	010	12/29/20	Ru-103	4.21E-04	2.09E-04	7.05E-04	U
AP	ONS-6	533251	010	12/29/20	Ru-106	4.59E-04	7.88E-04	2.71E-03	U
AP	ONS-6	533251	010	12/29/20	Se-75	1.74E-05	1.16E-04	3.84E-04	U
AP	ONS-6	533251	010	12/29/20	Ag-108m	-1.91E-05	6.49E-05	2.02E-04	U
AP	ONS-6	533251	010	12/29/20	Ag-110m	9.75E-05	1.16E-04	4.05E-04	U
AP	ONS-6	533251	010	12/29/20	Th-228	-2.76E-05	1.13E-04	3.80E-04	U
AP	ONS-6	533251	010	12/29/20	Zn-65	2.19E-04	2.35E-04	8.37E-04	U
AP	ONS-6	533251	010	12/29/20	Zr-95	-3.83E-04	3.40E-04	9.49E-04	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	NBF	500830	012	1/8/20	I-131	1.80E-03	2.42E-03	8.42E-03	U
CF	SBN	500830	013	1/8/20	I-131	-9.56E-04	1.69E-03	5.32E-03	U
CF	DOW	500830	014	1/8/20	I-131	1.76E-03	1.59E-03	5.78E-03	U
CF	COL	500830	015	1/8/20	I-131	7.11E-04	1.55E-03	5.44E-03	U
CF	ONS-1	500830	016	1/8/20	I-131	4.11E-04	1.73E-03	5.99E-03	U
CF	ONS-2	500830	017	1/8/20	I-131	1.04E-03	3.16E-03	1.11E-02	U
CF	ONS-3	500830	018	1/8/20	I-131	1.11E-03	1.85E-03	6.56E-03	U
CF	ONS-4	500830	019	1/8/20	I-131	-3.39E-05	2.34E-03	6.83E-03	U
CF	ONS-5	500830	020	1/8/20	I-131	1.75E-03	1.61E-03	5.78E-03	U
CF	ONS-6	500830	021	1/8/20	I-131	-1.46E-04	1.69E-03	5.55E-03	U
CF	NBF	501573	012	1/15/20	I-131	-6.46E-04	2.80E-03	9.08E-03	U
CF	SBN	501573	013	1/15/20	I-131	-2.29E-03	2.13E-03	5.31E-03	U
CF	DOW	501573	014	1/15/20	I-131	-2.38E-03	2.53E-03	7.54E-03	U
CF	COL	501573	015	1/15/20	I-131	5.15E-04	2.50E-03	8.59E-03	U
CF	ONS-1	501573	016	1/15/20	I-131	7.01E-03	3.56E-03	7.24E-03	U
CF	ONS-2	501573	017	1/15/20	I-131	-2.43E-03	2.24E-03	6.18E-03	U
CF	ONS-3	501573	018	1/15/20	I-131	-1.26E-03	2.24E-03	6.23E-03	U
CF	ONS-4	501573	019	1/15/20	I-131	-6.66E-05	1.85E-03	6.30E-03	U
CF	ONS-5	501573	020	1/15/20	I-131	3.41E-03	2.46E-03	8.10E-03	U
CF	ONS-6	501573	021	1/15/20	I-131	-1.36E-03	1.90E-03	5.75E-03	U
CF	NBF	502147	012	1/22/20	I-131	6.90E-03	3.11E-03	8.02E-03	U
CF	SBN	502147	013	1/22/20	I-131	-1.70E-03	1.86E-03	5.03E-03	U
CF	DOW	502147	014	1/22/20	I-131	-1.87E-03	2.30E-03	6.80E-03	U
CF	COL	502147	015	1/22/20	I-131	-1.48E-03	1.51E-03	4.48E-03	U
CF	ONS-1	502147	016	1/22/20	I-131	7.38E-04	1.80E-03	6.25E-03	U
CF	ONS-2	502147	017	1/22/20	I-131	-1.91E-03	2.47E-03	7.53E-03	U
CF	ONS-3	502147	018	1/22/20	I-131	-1.01E-03	1.99E-03	5.49E-03	U
CF	ONS-4	502147	019	1/22/20	I-131	1.24E-03	2.14E-03	7.41E-03	U
CF	ONS-5	502147	020	1/22/20	I-131	2.37E-03	1.87E-03	6.84E-03	U
CF	ONS-6	502147	021	1/22/20	I-131	3.46E-03	1.98E-03	6.89E-03	U
CF	NBF	502866	012	1/29/20	I-131	-1.64E-03	2.41E-03	7.48E-03	U
CF	SBN	502866	013	1/29/20	I-131	6.64E-03	3.14E-03	6.81E-03	U
CF	DOW	502866	014	1/29/20	I-131	-8.49E-04	1.83E-03	5.33E-03	U
CF	COL	502866	015	1/29/20	I-131	-2.26E-03	2.70E-03	7.99E-03	U
CF	ONS-1	502866	016	1/29/20	I-131	3.85E-03	2.56E-03	9.12E-03	U
CF	ONS-2	502866	017	1/29/20	I-131	-2.80E-03	2.06E-03	5.71E-03	U
CF	ONS-3	502866	018	1/29/20	I-131	4.43E-03	2.82E-03	9.65E-03	U
CF	ONS-4	502866	019	1/29/20	I-131	9.14E-04	1.61E-03	5.74E-03	U
CF	ONS-5	502866	020	1/29/20	I-131	-1.30E-03	1.72E-03	5.27E-03	U
CF	ONS-6	502866	021	1/29/20	I-131	-4.63E-04	2.20E-03	6.21E-03	U
CF	NBF	503616	012	2/5/20	I-131	-3.84E-03	2.60E-03	6.56E-03	U
CF	SBN	503616	013	2/5/20	I-131	-3.07E-04	2.07E-03	6.89E-03	U
CF	DOW	503616	014	2/5/20	I-131	-2.95E-03	2.17E-03	5.93E-03	U
CF	COL	503616	015	2/5/20	I-131	3.57E-03	2.64E-03	9.30E-03	U
CF	ONS-1	503616	016	2/5/20	I-131	-8.14E-04	1.82E-03	5.32E-03	U
CF	ONS-2	503616	017	2/5/20	I-131	-6.40E-04	2.27E-03	6.34E-03	U
CF	ONS-3	503616	018	2/5/20	I-131	-2.91E-03	1.96E-03	5.32E-03	U
CF	ONS-4	503616	019	2/5/20	I-131	1.77E-03	1.95E-03	6.91E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	ONS-5	503616	020	2/5/20	I-131	-4.10E-03	2.01E-03	4.59E-03	U
CF	ONS-6	503616	021	2/5/20	I-131	7.42E-04	2.67E-03	8.96E-03	U
CF	NBF	504322	012	2/12/20	I-131	-1.30E-03	2.33E-03	7.25E-03	U
CF	SBN	504322	013	2/12/20	I-131	-3.86E-04	1.92E-03	6.12E-03	U
CF	DOW	504322	014	2/12/20	I-131	2.62E-03	1.45E-03	5.84E-03	U
CF	COL	504322	015	2/12/20	I-131	4.15E-03	2.62E-03	9.21E-03	U
CF	ONS-1	504322	016	2/12/20	I-131	1.88E-03	1.89E-03	6.33E-03	U
CF	ONS-2	504322	017	2/12/20	I-131	2.03E-03	2.33E-03	8.03E-03	U
CF	ONS-3	504322	018	2/12/20	I-131	9.71E-04	1.46E-03	5.26E-03	U
CF	ONS-4	504322	019	2/12/20	I-131	8.42E-04	1.56E-03	5.46E-03	U
CF	ONS-5	504322	020	2/12/20	I-131	-6.15E-04	1.57E-03	4.96E-03	U
CF	ONS-6	504322	021	2/12/20	I-131	5.16E-03	3.42E-03	7.12E-03	U
CF	NBF	505041	012	2/19/20	I-131	-1.34E-03	1.99E-03	6.06E-03	U
CF	SBN	505041	013	2/19/20	I-131	-4.96E-03	3.04E-03	7.54E-03	U
CF	DOW	505041	014	2/19/20	I-131	1.26E-03	2.04E-03	6.97E-03	U
CF	COL	505041	015	2/19/20	I-131	-5.08E-05	2.52E-03	8.53E-03	U
CF	ONS-1	505041	016	2/19/20	I-131	-5.03E-03	2.16E-03	3.31E-03	U
CF	ONS-2	505041	017	2/19/20	I-131	3.23E-03	1.95E-03	7.01E-03	U
CF	ONS-3	505041	018	2/19/20	I-131	-7.82E-04	1.70E-03	5.46E-03	U
CF	ONS-4	505041	019	2/19/20	I-131	9.76E-04	1.85E-03	6.38E-03	U
CF	ONS-5	505041	020	2/19/20	I-131	-2.49E-03	1.88E-03	4.32E-03	U
CF	ONS-6	505041	021	2/19/20	I-131	-3.24E-03	2.75E-03	8.29E-03	U
CF	NBF	505570	012	2/26/20	I-131	1.74E-03	2.66E-03	9.08E-03	U
CF	SBN	505570	013	2/26/20	I-131	-3.51E-03	3.86E-03	1.16E-02	U
CF	DOW	505570	014	2/26/20	I-131	-1.85E-04	3.22E-03	1.09E-02	U
CF	COL	505570	015	2/26/20	I-131	-4.51E-04	2.68E-03	8.79E-03	U
CF	ONS-1	505570	016	2/26/20	I-131	2.82E-03	2.77E-03	9.87E-03	U
CF	ONS-2	505570	017	2/26/20	I-131	9.20E-05	2.58E-03	8.82E-03	U
CF	ONS-3	505570	018	2/26/20	I-131	3.54E-04	3.08E-03	1.05E-02	U
CF	ONS-4	505570	019	2/26/20	I-131	-6.93E-04	3.75E-03	1.21E-02	U
CF	ONS-5	505570	020	2/26/20	I-131	-3.18E-03	2.71E-03	7.78E-03	U
CF	ONS-6	505570	021	2/26/20	I-131	1.35E-03	2.37E-03	8.44E-03	U
CF	NBF	506261	012	3/4/20	I-131	1.74E-03	2.30E-03	8.04E-03	U
CF	SBN	506261	013	3/4/20	I-131	6.72E-05	1.95E-03	6.36E-03	U
CF	DOW	506261	014	3/4/20	I-131	2.40E-03	2.24E-03	8.12E-03	U
CF	COL	506261	015	3/4/20	I-131	-2.84E-03	2.29E-03	6.45E-03	U
CF	ONS-1	506261	016	3/4/20	I-131	2.31E-03	2.84E-03	9.72E-03	U
CF	ONS-2	506261	017	3/4/20	I-131	1.72E-03	2.29E-03	8.04E-03	U
CF	ONS-3	506261	018	3/4/20	I-131	-1.18E-03	2.50E-03	6.73E-03	U
CF	ONS-4	506261	019	3/4/20	I-131	7.66E-04	2.07E-03	7.27E-03	U
CF	ONS-5	506261	020	3/4/20	I-131	1.35E-03	2.05E-03	7.18E-03	U
CF	ONS-6	506261	021	3/4/20	I-131	-1.08E-03	2.06E-03	6.42E-03	U
CF	NBF	506925	012	3/11/20	I-131	-3.81E-04	2.48E-03	8.08E-03	U
CF	SBN	506925	013	3/11/20	I-131	-6.90E-06	1.71E-03	5.66E-03	U
CF	DOW	506925	014	3/11/20	I-131	-1.03E-03	2.00E-03	6.35E-03	U
CF	COL	506925	015	3/11/20	I-131	-3.24E-05	1.72E-03	5.79E-03	U
CF	ONS-1	506925	016	3/11/20	I-131	-2.90E-04	2.66E-03	8.61E-03	U
CF	ONS-2	506925	017	3/11/20	I-131	-1.62E-03	1.83E-03	5.59E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	ONS-3	506925	018	3/11/20	I-131	1.56E-03	1.97E-03	6.84E-03	U
CF	ONS-4	506925	019	3/11/20	I-131	-2.81E-03	2.44E-03	6.98E-03	U
CF	ONS-5	506925	020	3/11/20	I-131	8.64E-04	1.87E-03	6.37E-03	U
CF	ONS-6	506925	021	3/11/20	I-131	6.10E-04	1.63E-03	5.73E-03	U
CF	NBF	507504	012	3/18/20	I-131	-1.03E-03	1.87E-03	5.80E-03	U
CF	SBN	507504	013	3/18/20	I-131	-4.34E-04	1.68E-03	5.59E-03	U
CF	DOW	507504	014	3/18/20	I-131	-4.43E-04	2.34E-03	7.61E-03	U
CF	COL	507504	015	3/18/20	I-131	3.16E-03	2.36E-03	7.68E-03	U
CF	ONS-1	507504	016	3/18/20	I-131	-6.81E-04	1.86E-03	6.03E-03	U
CF	ONS-2	507504	017	3/18/20	I-131	-1.51E-03	1.68E-03	5.05E-03	U
CF	ONS-3	507504	018	3/18/20	I-131	-1.90E-03	2.29E-03	5.63E-03	U
CF	ONS-4	507504	019	3/18/20	I-131	-1.30E-03	1.60E-03	4.81E-03	U
CF	ONS-5	507504	020	3/18/20	I-131	-7.67E-04	2.72E-03	8.59E-03	U
CF	ONS-6	507504	021	3/18/20	I-131	7.89E-04	1.82E-03	6.38E-03	U
CF	NBF	507951	012	3/25/20	I-131	9.12E-04	2.33E-03	7.95E-03	U
CF	SBN	507951	013	3/25/20	I-131	-3.17E-04	1.58E-03	5.10E-03	U
CF	DOW	507951	014	3/25/20	I-131	-2.49E-03	1.80E-03	4.91E-03	U
CF	COL	507951	015	3/25/20	I-131	-2.02E-03	1.94E-03	5.69E-03	U
CF	ONS-1	507951	016	3/25/20	I-131	-1.18E-03	1.96E-03	5.94E-03	U
CF	ONS-2	507951	017	3/25/20	I-131	1.86E-03	2.09E-03	7.40E-03	U
CF	ONS-3	507951	018	3/25/20	I-131	2.02E-03	1.90E-03	6.35E-03	U
CF	ONS-4	507951	019	3/25/20	I-131	-1.28E-03	1.73E-03	5.43E-03	U
CF	ONS-5	507951	020	3/25/20	I-131	2.13E-03	2.04E-03	6.98E-03	U
CF	ONS-6	507951	021	3/25/20	I-131	1.17E-03	2.33E-03	7.92E-03	U
CF	NBF	508799	012	4/1/20	I-131	1.41E-03	2.29E-03	7.78E-03	U
CF	SBN	508799	013	4/1/20	I-131	3.58E-03	1.82E-03	6.07E-03	U
CF	DOW	508799	014	4/1/20	I-131	5.89E-04	2.12E-03	7.31E-03	U
CF	COL	508799	015	4/1/20	I-131	-1.09E-03	2.42E-03	7.43E-03	U
CF	ONS-1	508799	016	4/1/20	I-131	4.47E-04	2.00E-03	6.03E-03	U
CF	ONS-2	508799	017	4/1/20	I-131	1.64E-03	1.97E-03	6.72E-03	U
CF	ONS-3	508799	018	4/1/20	I-131	-3.17E-04	1.42E-03	4.72E-03	U
CF	ONS-4	508799	019	4/1/20	I-131	2.78E-04	1.68E-03	5.77E-03	U
CF	ONS-5	508799	020	4/1/20	I-131	8.75E-04	2.28E-03	7.74E-03	U
CF	ONS-6	508799	021	4/1/20	I-131	-8.99E-04	2.15E-03	7.00E-03	U
CF	NBF	509203	012	4/8/20	I-131	4.76E-03	2.59E-03	8.82E-03	U
CF	SBN	509203	013	4/8/20	I-131	-7.73E-04	2.23E-03	7.42E-03	U
CF	DOW	509203	014	4/8/20	I-131	2.90E-03	1.77E-03	6.28E-03	U
CF	COL	509203	015	4/8/20	I-131	1.16E-03	1.71E-03	5.97E-03	U
CF	ONS-1	509203	016	4/8/20	I-131	-1.39E-03	1.44E-03	4.33E-03	U
CF	ONS-2	509203	017	4/8/20	I-131	2.36E-03	1.83E-03	6.62E-03	U
CF	ONS-3	509203	018	4/8/20	I-131	5.80E-04	2.11E-03	7.03E-03	U
CF	ONS-4	509203	019	4/8/20	I-131	3.50E-03	1.96E-03	6.90E-03	U
CF	ONS-5	509203	020	4/8/20	I-131	3.03E-03	2.21E-03	7.31E-03	U
CF	ONS-6	509203	021	4/8/20	I-131	1.50E-03	1.31E-03	4.78E-03	U
CF	NBF	509639	012	4/15/20	I-131	-3.28E-04	1.75E-03	5.89E-03	U
CF	SBN	509639	013	4/15/20	I-131	4.57E-03	3.31E-03	7.31E-03	U
CF	DOW	509639	014	4/15/20	I-131	5.31E-03	2.86E-03	9.69E-03	U
CF	COL	509639	015	4/15/20	I-131	1.85E-05	1.80E-03	6.10E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	ONS-1	509639	016	4/15/20	I-131	-2.18E-03	2.13E-03	6.42E-03	U
CF	ONS-2	509639	017	4/15/20	I-131	2.87E-05	1.79E-03	6.08E-03	U
CF	ONS-3	509639	018	4/15/20	I-131	-4.20E-04	2.26E-03	7.13E-03	U
CF	ONS-4	509639	019	4/15/20	I-131	1.19E-03	2.04E-03	6.95E-03	U
CF	ONS-5	509639	020	4/15/20	I-131	-2.88E-03	2.78E-03	7.34E-03	U
CF	ONS-6	509639	021	4/15/20	I-131	-7.44E-04	2.49E-03	8.30E-03	U
CF	NBF	510082	012	4/22/20	I-131	-1.99E-03	1.48E-03	3.96E-03	U
CF	SBN	510082	013	4/22/20	I-131	-7.69E-04	2.28E-03	7.46E-03	U
CF	DOW	510082	014	4/22/20	I-131	1.26E-03	2.58E-03	8.78E-03	U
CF	COL	510082	015	4/22/20	I-131	1.30E-03	1.69E-03	6.06E-03	U
CF	ONS-1	510082	016	4/22/20	I-131	7.63E-03	2.98E-03	8.08E-03	U
CF	ONS-2	510082	017	4/22/20	I-131	1.46E-03	2.08E-03	7.42E-03	U
CF	ONS-3	510082	018	4/22/20	I-131	1.54E-03	2.19E-03	7.74E-03	U
CF	ONS-4	510082	019	4/22/20	I-131	6.76E-04	2.48E-03	8.25E-03	U
CF	ONS-5	510082	020	4/22/20	I-131	7.41E-04	2.12E-03	7.34E-03	U
CF	ONS-6	510082	021	4/22/20	I-131	1.23E-04	2.55E-03	8.26E-03	U
CF	NBF	510473	012	4/29/20	I-131	1.98E-03	2.06E-03	7.19E-03	U
CF	SBN	510473	013	4/29/20	I-131	2.55E-04	1.73E-03	5.94E-03	U
CF	DOW	510473	014	4/29/20	I-131	-1.20E-03	1.90E-03	6.07E-03	U
CF	COL	510473	015	4/29/20	I-131	-1.86E-03	2.19E-03	6.68E-03	U
CF	ONS-1	510473	016	4/29/20	I-131	8.57E-03	5.35E-03	5.29E-03	UI
CF	ONS-2	510473	017	4/29/20	I-131	1.60E-03	2.41E-03	8.24E-03	U
CF	ONS-3	510473	018	4/29/20	I-131	7.72E-04	1.77E-03	6.06E-03	U
CF	ONS-4	510473	019	4/29/20	I-131	1.76E-03	2.43E-03	8.42E-03	U
CF	ONS-5	510473	020	4/29/20	I-131	-1.45E-03	1.93E-03	5.91E-03	U
CF	ONS-6	510473	021	4/29/20	I-131	1.04E-03	1.90E-03	6.55E-03	U
CF	NBF	510896	012	5/6/20	I-131	4.68E-03	2.69E-03	9.17E-03	U
CF	SBN	510896	013	5/6/20	I-131	1.88E-03	2.13E-03	6.88E-03	U
CF	DOW	510896	014	5/6/20	I-131	-2.18E-03	1.74E-03	4.86E-03	U
CF	COL	510896	015	5/6/20	I-131	6.91E-03	3.14E-03	7.99E-03	U
CF	ONS-1	510896	016	5/6/20	I-131	-6.82E-04	1.61E-03	5.07E-03	U
CF	ONS-2	510896	017	5/6/20	I-131	2.29E-03	2.55E-03	8.83E-03	U
CF	ONS-3	510896	018	5/6/20	I-131	-5.45E-05	1.83E-03	6.19E-03	U
CF	ONS-4	510896	019	5/6/20	I-131	9.67E-04	1.52E-03	5.33E-03	U
CF	ONS-5	510896	020	5/6/20	I-131	-1.27E-03	1.83E-03	5.62E-03	U
CF	ONS-6	510896	021	5/6/20	I-131	-2.83E-04	1.19E-03	3.93E-03	U
CF	NBF	511560	012	5/13/20	I-131	-8.22E-04	2.12E-03	6.87E-03	U
CF	SBN	511560	013	5/13/20	I-131	9.63E-04	2.21E-03	6.81E-03	U
CF	DOW	511560	014	5/13/20	I-131	-4.20E-04	1.95E-03	6.45E-03	U
CF	COL	511560	015	5/13/20	I-131	-2.98E-03	1.92E-03	5.10E-03	U
CF	ONS-1	511560	016	5/13/20	I-131	1.37E-03	1.53E-03	5.37E-03	U
CF	ONS-2	511560	017	5/13/20	I-131	2.31E-03	2.01E-03	7.22E-03	U
CF	ONS-3	511560	018	5/13/20	I-131	1.41E-03	2.11E-03	7.11E-03	U
CF	ONS-4	511560	019	5/13/20	I-131	-1.60E-03	2.06E-03	6.04E-03	U
CF	ONS-5	511560	020	5/13/20	I-131	-2.90E-04	2.09E-03	6.98E-03	U
CF	ONS-6	511560	021	5/13/20	I-131	2.75E-03	2.26E-03	8.09E-03	U
CF	NBF	511852	012	5/20/20	I-131	1.37E-06	1.45E-06	5.29E-06	U
CF	SBN	511852	013	5/20/20	I-131	-4.90E-07	2.26E-06	7.47E-06	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	DOW	511852	014	5/20/20	I-131	5.40E-06	2.91E-06	9.95E-06	U
CF	COL	511852	015	5/20/20	I-131	3.69E-06	3.01E-06	4.61E-06	U
CF	ONS-1	511852	016	5/20/20	I-131	2.19E-06	2.54E-06	8.70E-06	U
CF	ONS-2	511852	017	5/20/20	I-131	-1.49E-06	1.85E-06	5.56E-06	U
CF	ONS-3	511852	018	5/20/20	I-131	-9.69E-07	2.26E-06	7.45E-06	U
CF	ONS-4	511852	019	5/20/20	I-131	3.35E-06	2.44E-06	6.05E-06	U
CF	ONS-5	511852	020	5/20/20	I-131	-3.20E-06	2.01E-06	5.29E-06	U
CF	ONS-6	511852	021	5/20/20	I-131	-1.93E-06	2.39E-06	7.20E-06	U
CF	NBF	512235	012	5/27/20	I-131	4.55E-04	1.85E-03	6.22E-03	U
CF	SBN	512235	013	5/27/20	I-131	-9.12E-04	2.28E-03	7.54E-03	U
CF	DOW	512235	014	5/27/20	I-131	3.65E-04	1.93E-03	6.66E-03	U
CF	COL	512235	015	5/27/20	I-131	1.81E-03	1.76E-03	6.16E-03	U
CF	ONS-1	512235	016	5/27/20	I-131	-5.73E-04	1.74E-03	5.70E-03	U
CF	ONS-2	512235	017	5/27/20	I-131	-5.52E-04	1.50E-03	4.92E-03	U
CF	ONS-3	512235	018	5/27/20	I-131	2.71E-04	1.89E-03	6.47E-03	U
CF	ONS-4	512235	019	5/27/20	I-131	-3.17E-03	1.91E-03	4.23E-03	U
CF	ONS-5	512235	020	5/27/20	I-131	-7.25E-04	2.48E-03	7.78E-03	U
CF	ONS-6	512235	021	5/27/20	I-131	-5.86E-04	2.06E-03	6.75E-03	U
CF	NBF	512904	012	6/3/20	I-131	-4.39E-03	3.05E-03	6.44E-03	U
CF	SBN	512904	013	6/3/20	I-131	3.25E-04	1.80E-03	6.19E-03	U
CF	DOW	512904	014	6/3/20	I-131	-5.11E-04	1.53E-03	4.93E-03	U
CF	COL	512904	015	6/3/20	I-131	1.54E-03	1.93E-03	6.85E-03	U
CF	ONS-1	512904	016	6/3/20	I-131	2.96E-03	2.19E-03	7.73E-03	U
CF	ONS-2	512904	017	6/3/20	I-131	-1.38E-03	1.80E-03	5.35E-03	U
CF	ONS-3	512904	018	6/3/20	I-131	1.96E-03	2.18E-03	7.60E-03	U
CF	ONS-4	512904	019	6/3/20	I-131	-1.87E-03	2.02E-03	5.97E-03	U
CF	ONS-5	512904	020	6/3/20	I-131	-1.17E-03	2.00E-03	5.64E-03	U
CF	ONS-6	512904	021	6/3/20	I-131	7.70E-04	2.12E-03	7.38E-03	U
CF	NBF	513418	012	6/10/20	I-131	1.45E-03	2.80E-03	8.62E-03	U
CF	SBN	513418	013	6/10/20	I-131	4.46E-03	3.57E-03	1.23E-02	U
CF	DOW	513418	014	6/10/20	I-131	3.19E-04	2.80E-03	9.57E-03	U
CF	COL	513418	015	6/10/20	I-131	9.11E-04	3.08E-03	1.07E-02	U
CF	ONS-1	513418	016	6/10/20	I-131	1.76E-03	2.58E-03	8.78E-03	U
CF	ONS-2	513418	017	6/10/20	I-131	1.18E-03	3.25E-03	1.12E-02	U
CF	ONS-3	513418	018	6/10/20	I-131	-2.28E-04	2.87E-03	9.63E-03	U
CF	ONS-4	513418	019	6/10/20	I-131	-3.23E-03	2.76E-03	7.86E-03	U
CF	ONS-5	513418	020	6/10/20	I-131	-2.44E-03	3.48E-03	1.03E-02	U
CF	ONS-6	513418	021	6/10/20	I-131	3.45E-03	2.48E-03	6.26E-03	U
CF	NBF	514080	012	6/17/20	I-131	2.66E-03	2.46E-03	8.47E-03	U
CF	SBN	514080	013	6/17/20	I-131	4.80E-04	1.32E-03	4.66E-03	U
CF	DOW	514080	014	6/17/20	I-131	-4.46E-04	1.51E-03	4.41E-03	U
CF	COL	514080	015	6/17/20	I-131	8.15E-04	1.60E-03	5.62E-03	U
CF	ONS-1	514080	016	6/17/20	I-131	5.92E-04	1.72E-03	5.79E-03	U
CF	ONS-2	514080	017	6/17/20	I-131	-5.51E-04	2.39E-03	8.01E-03	U
CF	ONS-3	514080	018	6/17/20	I-131	2.03E-03	1.98E-03	7.16E-03	U
CF	ONS-4	514080	019	6/17/20	I-131	2.56E-03	1.92E-03	6.66E-03	U
CF	ONS-5	514080	020	6/17/20	I-131	6.94E-03	3.05E-03	4.89E-03	UI
CF	ONS-6	514080	021	6/17/20	I-131	-4.63E-04	1.33E-03	4.35E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	NBF	514589	012	6/24/20	I-131	5.90E-03	3.64E-03	1.31E-02	U
CF	SBN	514589	013	6/24/20	I-131	1.70E-03	2.80E-03	9.87E-03	U
CF	DOW	514589	014	6/24/20	I-131	-2.89E-03	3.41E-03	9.74E-03	U
CF	COL	514589	015	6/24/20	I-131	2.52E-03	2.23E-03	8.07E-03	U
CF	ONS-1	514589	016	6/24/20	I-131	3.63E-03	3.71E-03	1.27E-02	U
CF	ONS-2	514589	017	6/24/20	I-131	-5.23E-03	3.42E-03	9.19E-03	U
CF	ONS-3	514589	018	6/24/20	I-131	-4.19E-04	2.62E-03	8.54E-03	U
CF	ONS-4	514589	019	6/24/20	I-131	-3.22E-04	2.59E-03	8.47E-03	U
CF	ONS-5	514589	020	6/24/20	I-131	5.52E-04	2.88E-03	9.93E-03	U
CF	ONS-6	514589	021	6/24/20	I-131	-2.03E-03	2.11E-03	6.25E-03	U
CF	NBF	515025	012	7/1/20	I-131	-3.26E-03	2.40E-03	6.15E-03	U
CF	SBN	515025	013	7/1/20	I-131	-8.84E-04	1.69E-03	5.28E-03	U
CF	DOW	515025	014	7/1/20	I-131	3.55E-03	2.56E-03	8.93E-03	U
CF	COL	515025	015	7/1/20	I-131	3.45E-04	2.26E-03	6.86E-03	U
CF	ONS-1	515025	016	7/1/20	I-131	-2.12E-03	2.15E-03	6.63E-03	U
CF	ONS-2	515025	017	7/1/20	I-131	1.70E-03	1.88E-03	6.78E-03	U
CF	ONS-3	515025	018	7/1/20	I-131	-1.66E-03	1.94E-03	5.96E-03	U
CF	ONS-4	515025	019	7/1/20	I-131	4.08E-04	1.75E-03	6.08E-03	U
CF	ONS-5	515025	020	7/1/20	I-131	-3.67E-03	3.95E-03	1.07E-02	U
CF	ONS-6	515025	021	7/1/20	I-131	1.32E-03	2.17E-03	7.00E-03	U
CF	NBF	515503	012	7/8/20	I-131	9.13E-04	2.31E-03	7.75E-03	U
CF	SBN	515503	013	7/8/20	I-131	-2.59E-03	1.96E-03	5.32E-03	U
CF	DOW	515503	014	7/8/20	I-131	6.90E-04	1.80E-03	6.28E-03	U
CF	COL	515503	015	7/8/20	I-131	7.07E-04	1.48E-03	5.24E-03	U
CF	ONS-1	515503	016	7/8/20	I-131	2.62E-04	2.51E-03	8.72E-03	U
CF	ONS-2	515503	017	7/8/20	I-131	-2.94E-03	1.92E-03	4.95E-03	U
CF	ONS-3	515503	018	7/8/20	I-131	2.55E-03	2.02E-03	7.35E-03	U
CF	ONS-4	515503	019	7/8/20	I-131	1.14E-05	2.22E-03	6.50E-03	U
CF	ONS-5	515503	020	7/8/20	I-131	-5.98E-04	1.95E-03	6.06E-03	U
CF	ONS-6	515503	021	7/8/20	I-131	3.51E-04	2.30E-03	7.86E-03	U
CF	NBF	516172	012	7/15/20	I-131	1.37E-03	2.13E-03	6.81E-03	U
CF	SBN	516172	013	7/15/20	I-131	-2.50E-03	2.05E-03	5.71E-03	U
CF	DOW	516172	014	7/15/20	I-131	-7.71E-04	3.12E-03	1.04E-02	U
CF	COL	516172	015	7/15/20	I-131	5.74E-05	1.79E-03	6.09E-03	U
CF	ONS-1	516172	016	7/15/20	I-131	8.29E-04	1.65E-03	5.69E-03	U
CF	ONS-2	516172	017	7/15/20	I-131	7.58E-04	1.88E-03	6.60E-03	U
CF	ONS-3	516172	018	7/15/20	I-131	-3.23E-03	2.08E-03	5.61E-03	U
CF	ONS-4	516172	019	7/15/20	I-131	-2.31E-03	3.40E-03	1.08E-02	U
CF	ONS-5	516172	020	7/15/20	I-131	-1.28E-03	2.18E-03	6.56E-03	U
CF	ONS-6	516172	021	7/15/20	I-131	-7.87E-04	1.89E-03	6.08E-03	U
CF	NBF	516653	012	7/22/20	I-131	4.02E-03	2.30E-03	8.33E-03	U
CF	SBN	516653	013	7/22/20	I-131	-4.30E-04	1.89E-03	6.23E-03	U
CF	DOW	516653	014	7/22/20	I-131	2.78E-03	2.91E-03	9.98E-03	U
CF	COL	516653	015	7/22/20	I-131	4.07E-03	2.59E-03	8.44E-03	U
CF	ONS-1	516653	016	7/22/20	I-131	-1.91E-03	1.82E-03	5.23E-03	U
CF	ONS-2	516653	017	7/22/20	I-131	-3.72E-05	1.95E-03	6.32E-03	U
CF	ONS-3	516653	018	7/22/20	I-131	1.06E-03	2.15E-03	7.40E-03	U
CF	ONS-4	516653	019	7/22/20	I-131	2.72E-03	2.52E-03	8.02E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	ONS-5	516653	020	7/22/20	I-131	2.94E-04	1.75E-03	6.03E-03	U
CF	ONS-6	516653	021	7/22/20	I-131	-2.51E-04	2.48E-03	8.40E-03	U
CF	NBF	517181	012	7/29/20	I-131	5.45E-04	3.41E-03	1.06E-02	U
CF	SBN	517181	013	7/29/20	I-131	-2.97E-03	2.87E-03	8.44E-03	U
CF	DOW	517181	014	7/29/20	I-131	9.14E-04	3.21E-03	9.64E-03	U
CF	COL	517181	015	7/29/20	I-131	-3.26E-03	3.38E-03	8.63E-03	U
CF	ONS-1	517181	016	7/29/20	I-131	-2.10E-03	3.02E-03	9.32E-03	U
CF	ONS-2	517181	017	7/29/20	I-131	2.85E-03	3.16E-03	1.08E-02	U
CF	ONS-3	517181	018	7/29/20	I-131	-1.43E-03	4.19E-03	1.36E-02	U
CF	ONS-4	517181	019	7/29/20	I-131	-1.32E-03	3.12E-03	9.90E-03	U
CF	ONS-5	517181	020	7/29/20	I-131	3.64E-03	2.78E-03	1.01E-02	U
CF	ONS-6	517181	021	7/29/20	I-131	-3.42E-04	3.45E-03	1.17E-02	U
CF	NBF	517835	012	8/5/20	I-131	1.94E-04	2.15E-03	7.34E-03	U
CF	SBN	517835	013	8/5/20	I-131	-2.50E-03	1.95E-03	5.59E-03	U
CF	DOW	517835	014	8/5/20	I-131	4.21E-03	2.57E-03	4.02E-03	UI
CF	COL	517835	015	8/5/20	I-131	-5.79E-03	3.71E-03	1.01E-02	U
CF	ONS-1	517835	016	8/5/20	I-131	-9.29E-04	2.28E-03	7.12E-03	U
CF	ONS-2	517835	017	8/1/20	I-131	3.15E-03	6.23E-03	2.06E-02	U
CF	ONS-3	517835	018	8/5/20	I-131	-1.22E-03	2.27E-03	6.82E-03	U
CF	ONS-4	517835	019	8/5/20	I-131	-1.67E-03	1.88E-03	5.54E-03	U
CF	ONS-5	517835	020	8/5/20	I-131	2.30E-04	1.74E-03	5.80E-03	U
CF	ONS-6	517835	021	8/5/20	I-131	1.57E-03	2.21E-03	7.73E-03	U
CF	NBF	518715	012	8/12/20	I-131	1.53E-03	1.86E-03	6.51E-03	U
CF	SBN	518715	013	8/12/20	I-131	-2.53E-04	2.52E-03	8.49E-03	U
CF	DOW	518715	014	8/12/20	I-131	3.05E-03	2.45E-03	8.77E-03	U
CF	COL	518715	015	8/12/20	I-131	-1.66E-03	1.80E-03	5.32E-03	U
CF	ONS-1	518715	016	8/12/20	I-131	-9.08E-04	1.58E-03	4.99E-03	U
CF	ONS-2	518715	017	8/12/20	I-131	3.17E-04	2.62E-03	8.14E-03	U
CF	ONS-3	518715	018	8/12/20	I-131	2.61E-04	1.44E-03	5.00E-03	U
CF	ONS-4	518715	019	8/12/20	I-131	4.91E-04	2.57E-03	9.00E-03	U
CF	ONS-5	518715	020	8/12/20	I-131	-6.91E-04	1.82E-03	5.12E-03	U
CF	ONS-6	518715	021	8/12/20	I-131	1.69E-03	2.10E-03	7.32E-03	U
CF	NBF	519351	012	8/19/20	I-131	-2.30E-04	1.68E-03	5.63E-03	U
CF	SBN	519351	013	8/19/20	I-131	8.54E-04	2.20E-03	7.40E-03	U
CF	DOW	519351	014	8/19/20	I-131	1.36E-03	2.97E-03	1.06E-02	U
CF	COL	519351	015	8/19/20	I-131	1.52E-03	2.08E-03	7.46E-03	U
CF	ONS-1	519351	016	8/19/20	I-131	3.66E-04	2.25E-03	7.50E-03	U
CF	ONS-2	519351	017	8/19/20	I-131	-4.21E-04	2.25E-03	7.34E-03	U
CF	ONS-3	519351	018	8/19/20	I-131	-1.75E-03	2.16E-03	6.27E-03	U
CF	ONS-4	519351	019	8/19/20	I-131	-1.65E-03	1.79E-03	4.91E-03	U
CF	ONS-5	519351	020	8/19/20	I-131	-1.10E-03	2.09E-03	6.60E-03	U
CF	ONS-6	519351	021	8/19/20	I-131	-3.82E-03	2.30E-03	5.85E-03	U
CF	NBF	519910	012	8/26/20	I-131	1.72E-03	2.39E-03	8.52E-03	U
CF	SBN	519910	013	8/26/20	I-131	1.19E-03	2.00E-03	6.79E-03	U
CF	DOW	519910	014	8/26/20	I-131	-3.69E-03	2.47E-03	5.37E-03	U
CF	COL	519910	015	8/26/20	I-131	6.70E-03	3.17E-03	5.16E-03	UI
CF	ONS-1	519910	016	8/26/20	I-131	9.55E-05	2.17E-03	7.24E-03	U
CF	ONS-2	519910	017	8/26/20	I-131	2.43E-03	2.51E-03	8.63E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	ONS-3	519910	018	8/26/20	I-131	3.67E-03	2.23E-03	8.05E-03	U
CF	ONS-4	519910	019	8/26/20	I-131	6.04E-03	1.79E-03	4.80E-03	UI
CF	ONS-5	519910	020	8/26/20	I-131	1.62E-03	2.01E-03	7.09E-03	U
CF	ONS-6	519910	021	8/26/20	I-131	-1.07E-03	2.01E-03	6.19E-03	U
CF	NBF	520699	012	9/2/20	I-131	-2.19E-03	3.25E-03	8.66E-03	U
CF	SBN	520699	013	9/2/20	I-131	-2.93E-03	2.46E-03	5.73E-03	U
CF	DOW	520699	014	9/2/20	I-131	-4.16E-04	2.51E-03	8.42E-03	U
CF	COL	520699	015	9/2/20	I-131	2.09E-03	3.23E-03	1.14E-02	U
CF	ONS-1	520699	016	9/2/20	I-131	4.70E-03	3.50E-03	1.24E-02	U
CF	ONS-2	520699	017	9/2/20	I-131	-4.05E-04	3.54E-03	9.98E-03	U
CF	ONS-3	520699	018	9/2/20	I-131	-6.79E-03	4.15E-03	1.03E-02	U
CF	ONS-4	520699	019	9/2/20	I-131	5.34E-03	2.99E-03	1.08E-02	U
CF	ONS-5	520699	020	9/2/20					
CF	ONS-6	520699	021	9/3/20	I-131	-1.10E-03	2.52E-03	8.08E-03	U
CF	NBF	521133	012	9/9/20	I-131	1.01E-03	1.88E-03	6.17E-03	U
CF	SBN	521133	013	9/9/20	I-131	-3.51E-03	2.63E-03	6.54E-03	U
CF	DOW	521133	014	9/9/20	I-131	-4.22E-03	2.37E-03	5.91E-03	U
CF	COL	521133	015	9/9/20	I-131	-5.34E-03	3.03E-03	7.47E-03	U
CF	ONS-1	521133	016	9/9/20	I-131	3.08E-03	3.37E-03	8.02E-03	U
CF	ONS-2	521133	017	9/9/20	I-131	1.19E-03	2.23E-03	7.83E-03	U
CF	ONS-3	521133	018	9/9/20	I-131	8.85E-04	2.40E-03	8.14E-03	U
CF	ONS-4	521133	019	9/9/20	I-131	-2.57E-03	2.05E-03	5.67E-03	U
CF	ONS-5	521133	020	9/9/20	I-131	9.76E-04	1.71E-03	6.07E-03	U
CF	ONS-6	521133	021	9/9/20	I-131	-6.79E-04	2.14E-03	6.89E-03	U
CF	NBF	521703	012	9/16/20	I-131	3.91E-03	1.97E-03	5.64E-03	U
CF	SBN	521703	013	9/16/20	I-131	4.75E-03	3.60E-03	1.30E-02	U
CF	DOW	521703	014	9/16/20	I-131	-1.56E-03	2.11E-03	6.46E-03	U
CF	COL	521703	015	9/16/20	I-131	-6.31E-04	1.92E-03	6.03E-03	U
CF	ONS-1	521703	016	9/16/20	I-131	-6.70E-04	1.87E-03	6.02E-03	U
CF	ONS-2	521703	017	9/16/20	I-131	-7.62E-04	1.97E-03	6.16E-03	U
CF	ONS-3	521703	018	9/16/20	I-131	-9.66E-04	2.91E-03	8.44E-03	U
CF	ONS-4	521703	019	9/16/20	I-131	-1.71E-03	1.98E-03	5.97E-03	U
CF	ONS-5	521703	020	9/16/20	I-131	-3.03E-03	2.33E-03	5.80E-03	U
CF	ONS-6	521703	021	9/16/20	I-131	2.74E-03	1.98E-03	7.00E-03	U
CF	NBF	522500	012	9/23/20	I-131	-1.86E-03	2.06E-03	6.21E-03	U
CF	SBN	522500	013	9/23/20	I-131	-1.09E-03	1.87E-03	5.90E-03	U
CF	DOW	522500	014	9/23/20	I-131	-6.50E-04	2.23E-03	7.38E-03	U
CF	COL	522500	015	9/23/20	I-131	7.74E-04	1.76E-03	6.18E-03	U
CF	ONS-1	522500	016	9/23/20	I-131	6.15E-03	3.49E-03	1.26E-02	U
CF	ONS-2	522500	017	9/23/20	I-131	4.48E-04	1.97E-03	6.66E-03	U
CF	ONS-3	522500	018	9/23/20	I-131	-1.18E-03	1.88E-03	5.60E-03	U
CF	ONS-4	522500	019	9/23/20	I-131	-3.36E-04	1.89E-03	6.17E-03	U
CF	ONS-5	522500	020	9/23/20	I-131	4.02E-04	1.82E-03	5.72E-03	U
CF	ONS-6	522500	021	9/23/20	I-131	8.48E-03	3.79E-03	1.33E-02	U
CF	NBF	523140	012	9/30/20	I-131	-4.90E-04	1.74E-03	5.50E-03	U
CF	SBN	523140	013	9/30/20	I-131	1.55E-03	2.82E-03	9.70E-03	U
CF	DOW	523140	014	9/30/20	I-131	2.00E-03	1.66E-03	6.16E-03	U
CF	COL	523140	015	9/30/20	I-131	-1.04E-03	1.72E-03	5.42E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	ONS-1	523140	016	9/30/20	I-131	-4.49E-04	1.95E-03	6.52E-03	U
CF	ONS-2	523140	017	9/30/20	I-131	3.51E-03	3.59E-03	1.30E-02	U
CF	ONS-3	523140	018	9/30/20	I-131	-3.50E-04	1.77E-03	5.80E-03	U
CF	ONS-4	523140	019	9/30/20	I-131	5.63E-03	2.04E-03	6.63E-03	U
CF	ONS-5	523140	020	9/30/20	I-131	-9.52E-05	1.98E-03	6.55E-03	U
CF	ONS-6	523140	021	9/30/20	I-131	-2.35E-03	1.52E-03	3.30E-03	U
CF	NBF	523936	012	10/7/20	I-131	1.34E-03	2.34E-03	8.08E-03	U
CF	SBN	523936	013	10/7/20	I-131	-1.56E-03	2.19E-03	6.51E-03	U
CF	DOW	523936	014	10/7/20	I-131	-2.22E-03	2.52E-03	6.65E-03	U
CF	COL	523936	015	10/7/20	I-131	-8.77E-04	1.95E-03	6.26E-03	U
CF	ONS-1	523936	016	10/7/20	I-131	6.59E-04	1.62E-03	5.67E-03	U
CF	ONS-2	523936	017	10/7/20	I-131	-2.74E-03	1.97E-03	5.36E-03	U
CF	ONS-3	523936	018	10/7/20	I-131	-1.68E-03	1.88E-03	5.68E-03	U
CF	ONS-4	523936	019	10/7/20	I-131	1.91E-03	1.94E-03	6.59E-03	U
CF	ONS-5	523936	020	10/7/20	I-131	-8.53E-04	2.39E-03	7.87E-03	U
CF	ONS-6	523936	021	10/7/20	I-131	-8.14E-04	1.75E-03	5.60E-03	U
CF	NBF	524657	012	10/14/20	I-131	-1.06E-03	1.98E-03	5.95E-03	U
CF	SBN	524657	013	10/14/20	I-131	-1.56E-04	2.07E-03	6.94E-03	U
CF	DOW	524657	014	10/14/20	I-131	-2.42E-03	3.46E-03	1.09E-02	U
CF	COL	524657	015	10/14/20	I-131	4.99E-04	2.33E-03	7.95E-03	U
CF	ONS-1	524657	016	10/14/20	I-131	-3.94E-04	1.95E-03	6.46E-03	U
CF	ONS-2	524657	017	10/14/20	I-131	4.58E-05	2.04E-03	6.93E-03	U
CF	ONS-3	524657	018	10/14/20	I-131	2.87E-03	2.28E-03	8.15E-03	U
CF	ONS-4	524657	019	10/14/20	I-131	1.86E-03	2.79E-03	9.65E-03	U
CF	ONS-5	524657	020	10/14/20	I-131	3.71E-03	2.62E-03	9.26E-03	U
CF	ONS-6	524657	021	10/14/20	I-131	-3.96E-04	2.60E-03	8.70E-03	U
CF	NBF	525095	012	10/21/20	I-131	1.61E-05	2.69E-03	8.93E-03	U
CF	SBN	525095	013	10/21/20	I-131	7.04E-03	4.36E-03	7.12E-03	U
CF	DOW	525095	014	10/21/20	I-131	9.64E-03	3.01E-03	6.47E-03	UI
CF	COL	525095	015	10/21/20	I-131	4.87E-03	2.37E-03	8.22E-03	U
CF	ONS-1	525095	016	10/21/20	I-131	3.78E-04	2.14E-03	7.01E-03	U
CF	ONS-2	525095	017	10/21/20	I-131	-1.98E-04	2.12E-03	7.09E-03	U
CF	ONS-3	525095	018	10/21/20	I-131	1.55E-03	1.84E-03	5.72E-03	U
CF	ONS-4	525095	019	10/21/20	I-131	2.52E-03	1.96E-03	6.98E-03	U
CF	ONS-5	525095	020	10/21/20	I-131	1.28E-03	2.47E-03	8.52E-03	U
CF	ONS-6	525095	021	10/21/20	I-131	-3.15E-04	1.91E-03	6.37E-03	U
CF	NBF	526026	012	10/28/20	I-131	7.18E-04	1.72E-03	5.95E-03	U
CF	SBN	526026	013	10/28/20	I-131	-3.77E-03	2.32E-03	6.03E-03	U
CF	DOW	526026	014	10/28/20	I-131	7.26E-04	1.96E-03	6.82E-03	U
CF	COL	526026	015	10/28/20	I-131	3.38E-03	2.09E-03	7.50E-03	U
CF	ONS-1	526026	016	10/28/20	I-131	2.21E-03	1.81E-03	6.50E-03	U
CF	ONS-2	526026	017	10/28/20	I-131	-9.65E-04	1.45E-03	4.54E-03	U
CF	ONS-3	526026	018	10/28/20	I-131	1.36E-03	2.07E-03	7.20E-03	U
CF	ONS-4	526026	019	10/28/20	I-131	1.65E-03	1.96E-03	6.86E-03	U
CF	ONS-5	526026	020	10/28/20	I-131	1.55E-03	2.21E-03	7.48E-03	U
CF	ONS-6	526026	021	10/28/20	I-131	-2.61E-03	1.88E-03	5.21E-03	U
CF	NBF	526673	012	11/4/20	I-131	2.13E-03	1.59E-03	5.77E-03	U
CF	SBN	526673	013	11/4/20	I-131	2.09E-03	1.67E-03	6.09E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	DOW	526673	014	11/4/20	I-131	-1.57E-03	2.10E-03	6.63E-03	U
CF	COL	526673	015	11/4/20	I-131	-2.07E-03	1.62E-03	4.56E-03	U
CF	ONS-1	526673	016	11/4/20	I-131	1.07E-03	2.25E-03	7.15E-03	U
CF	ONS-2	526673	017	11/4/20	I-131	5.75E-03	3.05E-03	1.07E-02	U
CF	ONS-3	526673	018	11/4/20	I-131	-3.16E-03	2.29E-03	5.95E-03	U
CF	ONS-4	526673	019	11/4/20	I-131	1.91E-03	1.99E-03	6.89E-03	U
CF	ONS-5	526673	020	11/4/20	I-131	-2.82E-03	2.16E-03	5.95E-03	U
CF	ONS-6	526673	021	11/4/20	I-131	2.76E-03	3.37E-03	1.21E-02	U
CF	NBF	527434	012	11/11/20	I-131	-3.22E-03	2.04E-03	5.48E-03	U
CF	SBN	527434	013	11/11/20	I-131	3.33E-04	2.38E-03	7.27E-03	U
CF	DOW	527434	014	11/11/20	I-131	-2.61E-04	2.71E-03	8.30E-03	U
CF	COL	527434	015	11/11/20	I-131	3.77E-03	2.69E-03	5.43E-03	U
CF	ONS-1	527434	016	11/11/20	I-131	-8.20E-04	2.28E-03	7.33E-03	U
CF	ONS-2	527434	017	11/11/20	I-131	-9.77E-05	1.60E-03	5.10E-03	U
CF	ONS-3	527434	018	11/11/20	I-131	7.70E-04	2.09E-03	7.27E-03	U
CF	ONS-4	527434	019	11/11/20	I-131	-1.64E-03	1.65E-03	4.78E-03	U
CF	ONS-5	527434	020	11/11/20	I-131	-2.12E-04	2.40E-03	8.07E-03	U
CF	ONS-6	527434	021	11/11/20	I-131	2.40E-03	2.14E-03	7.73E-03	U
CF	NBF	528159	012	11/18/20	I-131	-1.63E-03	2.38E-03	7.30E-03	U
CF	SBN	528159	013	11/18/20	I-131	-1.00E-03	1.72E-03	5.09E-03	U
CF	DOW	528159	014	11/18/20	I-131	1.79E-03	2.01E-03	7.23E-03	U
CF	COL	528159	015	11/18/20	I-131	1.48E-03	1.95E-03	6.90E-03	U
CF	ONS-1	528159	016	11/18/20	I-131	2.70E-03	1.99E-03	7.12E-03	U
CF	ONS-2	528159	017	11/18/20	I-131	-2.86E-03	2.95E-03	7.37E-03	U
CF	ONS-3	528159	018	11/18/20	I-131	-1.13E-03	2.32E-03	6.74E-03	U
CF	ONS-4	528159	019	11/18/20	I-131	4.91E-04	1.92E-03	6.00E-03	U
CF	ONS-5	528159	020	11/18/20	I-131	-2.10E-03	2.06E-03	6.04E-03	U
CF	ONS-6	528159	021	11/18/20	I-131	-3.73E-04	2.40E-03	8.08E-03	U
CF	NBF	528706	012	11/24/20	I-131	2.27E-03	2.29E-03	8.16E-03	U
CF	SBN	528706	013	11/24/20	I-131	-3.65E-03	3.50E-03	9.03E-03	U
CF	DOW	528706	014	11/24/20	I-131	4.25E-03	2.74E-03	5.02E-03	U
CF	COL	528706	015	11/24/20	I-131	2.54E-03	2.27E-03	7.86E-03	U
CF	ONS-1	528706	016	11/24/20	I-131	-6.36E-04	2.32E-03	7.61E-03	U
CF	ONS-2	528706	017	11/24/20	I-131	-2.78E-04	3.01E-03	9.29E-03	U
CF	ONS-3	528706	018	11/24/20	I-131	-2.06E-03	2.26E-03	6.80E-03	U
CF	ONS-4	528706	019	11/24/20	I-131	1.56E-03	2.09E-03	7.43E-03	U
CF	ONS-5	528706	020	11/24/20	I-131	1.48E-03	2.74E-03	9.20E-03	U
CF	ONS-6	528706	021	11/24/20	I-131	-6.79E-04	2.07E-03	6.15E-03	U
CF	NBF	529301	012	12/2/20	I-131	1.27E-03	2.05E-03	6.47E-03	U
CF	SBN	529301	013	12/2/20	I-131	-4.87E-03	2.43E-03	5.34E-03	U
CF	DOW	529301	014	12/2/20	I-131	1.61E-03	1.90E-03	6.80E-03	U
CF	COL	529301	015	12/2/20	I-131	9.52E-04	1.52E-03	5.40E-03	U
CF	ONS-1	529301	016	12/2/20	I-131	-8.63E-05	1.82E-03	6.10E-03	U
CF	ONS-2	529301	017	12/2/20	I-131	6.99E-04	1.67E-03	5.44E-03	U
CF	ONS-3	529301	018	12/2/20	I-131	6.35E-04	1.83E-03	5.74E-03	U
CF	ONS-4	529301	019	12/2/20	I-131	1.50E-03	1.86E-03	6.57E-03	U
CF	ONS-5	529301	020	12/2/20	I-131	1.52E-03	1.86E-03	6.56E-03	U
CF	ONS-6	529301	021	12/2/20	I-131	1.04E-03	1.37E-03	4.90E-03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
CF	NBF	529825	012	12/9/20	I-131	-7.24E-03	4.26E-03	1.07E-02	U
CF	SBN	529825	013	12/9/20	I-131	-8.27E-04	2.59E-03	8.50E-03	U
CF	DOW	529825	014	12/9/20	I-131	8.31E-04	2.96E-03	1.03E-02	U
CF	COL	529825	015	12/9/20	I-131	3.75E-03	3.06E-03	1.07E-02	U
CF	ONS-1	529825	016	12/9/20	I-131	2.65E-03	2.71E-03	9.86E-03	U
CF	ONS-2	529825	017	12/9/20	I-131	-2.55E-03	2.98E-03	9.01E-03	U
CF	ONS-3	529825	018	12/9/20	I-131	-3.02E-03	3.40E-03	9.73E-03	U
CF	ONS-4	529825	019	12/9/20	I-131	-1.99E-03	3.08E-03	7.77E-03	U
CF	ONS-5	529825	020	12/9/20	I-131	1.24E-05	2.81E-03	9.48E-03	U
CF	ONS-6	529825	021	12/9/20	I-131	1.42E-03	2.53E-03	9.04E-03	U
CF	NBF	530491	012	12/16/20	I-131	1.90E-03	2.48E-03	7.98E-03	U
CF	SBN	530491	013	12/16/20	I-131	2.72E-03	2.97E-03	1.00E-02	U
CF	DOW	530491	014	12/16/20	I-131	-1.32E-03	2.60E-03	8.49E-03	U
CF	COL	530491	015	12/16/20	I-131	3.28E-03	1.79E-03	6.35E-03	U
CF	ONS-1	530491	016	12/16/20	I-131	5.55E-04	1.98E-03	6.74E-03	U
CF	ONS-2	530491	017	12/16/20	I-131	7.94E-03	2.51E-03	5.64E-03	UI
CF	ONS-3	530491	018	12/16/20	I-131	2.02E-03	1.81E-03	6.56E-03	U
CF	ONS-4	530491	019	12/16/20	I-131	-2.48E-03	2.48E-03	7.33E-03	U
CF	ONS-5	530491	020	12/16/20	I-131	3.46E-04	1.80E-03	5.93E-03	U
CF	ONS-6	530491	021	12/16/20	I-131	-7.96E-04	2.08E-03	5.95E-03	U
CF	NBF	530899	012	12/23/20	I-131	3.88E-03	4.34E-03	1.53E-02	U
CF	SBN	530899	013	12/23/20	I-131	3.64E-03	4.62E-03	1.62E-02	U
CF	DOW	530899	014	12/23/20	I-131	-1.16E-02	6.53E-03	1.41E-02	U
CF	COL	530899	015	12/23/20	I-131	4.23E-03	4.67E-03	1.64E-02	U
CF	ONS-1	530899	016	12/23/20	I-131	-9.35E-04	2.90E-03	9.33E-03	U
CF	ONS-2	530899	017	12/23/20	I-131	3.98E-04	3.05E-03	9.97E-03	U
CF	ONS-3	530899	018	12/23/20	I-131	-2.15E-03	2.42E-03	7.28E-03	U
CF	ONS-4	530899	019	12/23/20	I-131	-3.62E-04	2.24E-03	7.30E-03	U
CF	ONS-5	530899	020	12/23/20	I-131	3.11E-03	3.09E-03	1.07E-02	U
CF	ONS-6	530899	021	12/23/20	I-131	2.66E-03	2.22E-03	8.01E-03	U
CF	NBF	531075	012	12/29/20	I-131	-1.29E-03	2.56E-03	8.28E-03	U
CF	SBN	531075	013	12/29/20	I-131	-2.09E-03	3.40E-03	9.56E-03	U
CF	DOW	531075	014	12/29/20	I-131	2.61E-03	2.82E-03	1.01E-02	U
CF	COL	531075	015	12/29/20	I-131	6.88E-04	2.77E-03	9.31E-03	U
CF	ONS-1	531075	016	12/29/20	I-131	2.39E-03	2.28E-03	8.05E-03	U
CF	ONS-2	531075	017	12/29/20	I-131	-6.78E-04	2.25E-03	6.98E-03	U
CF	ONS-3	531075	018	12/29/20	I-131	4.76E-04	2.19E-03	6.85E-03	U
CF	ONS-4	531075	019	12/29/20	I-131	1.89E-03	2.93E-03	9.62E-03	U
CF	ONS-5	531075	020	12/29/20	I-131	-8.52E-04	2.74E-03	8.83E-03	U
CF	ONS-6	531075	021	12/29/20	I-131	-4.15E-03	2.79E-03	5.47E-03	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
FH	OFS-N	512249	001	5/21/20	Ac-228	1.00E+01	1.71E+01	2.39E+01	U
FH	OFS-N	512249	001	5/21/20	Sb-124	8.91E-01	2.63E+00	8.81E+00	U
FH	OFS-N	512249	001	5/21/20	Sb-125	5.17E+00	3.50E+00	1.16E+01	U
FH	OFS-N	512249	001	5/21/20	Ba-140	2.56E+00	9.41E+00	3.10E+01	U
FH	OFS-N	512249	001	5/21/20	Be-7	-1.15E+01	1.24E+01	3.78E+01	U
FH	OFS-N	512249	001	5/21/20	Ce-141	-5.37E-01	2.41E+00	7.56E+00	U
FH	OFS-N	512249	001	5/21/20	Ce-144	-3.76E+00	7.95E+00	2.47E+01	U
FH	OFS-N	512249	001	5/21/20	Cs-134	2.55E-01	1.51E+00	5.19E+00	U
FH	OFS-N	512249	001	5/21/20	Cs-137	1.27E+01	2.52E+00	4.99E+00	M
FH	OFS-N	512249	001	5/21/20	Cr-51	-5.80E+00	1.31E+01	4.32E+01	U
FH	OFS-N	512249	001	5/21/20	Co-57	2.11E-01	1.04E+00	3.34E+00	U
FH	OFS-N	512249	001	5/21/20	Co-58	6.03E-02	1.62E+00	5.52E+00	U
FH	OFS-N	512249	001	5/21/20	Co-60	-8.83E-01	2.56E+00	4.92E+00	U
FH	OFS-N	512249	001	5/21/20	I-131	-1.36E+00	3.57E+00	1.17E+01	U
FH	OFS-N	512249	001	5/21/20	Fe-59	-2.60E+00	4.11E+00	1.31E+01	U
FH	OFS-N	512249	001	5/21/20	La-140	2.62E+00	2.61E+00	9.14E+00	U
FH	OFS-N	512249	001	5/21/20	Mn-54	-1.33E+00	1.52E+00	4.84E+00	U
FH	OFS-N	512249	001	5/21/20	Nb-95	-1.20E+00	1.64E+00	4.89E+00	U
FH	OFS-N	512249	001	5/21/20	K-40	2.94E+03	1.57E+02	3.85E+01	
FH	OFS-N	512249	001	5/21/20	Ru-103	7.15E-01	1.60E+00	4.79E+00	U
FH	OFS-N	512249	001	5/21/20	Ru-106	-1.85E+01	1.29E+01	3.57E+01	U
FH	OFS-N	512249	001	5/21/20	Se-75	4.73E+00	3.87E+00	5.75E+00	U
FH	OFS-N	512249	001	5/21/20	Ag-108m	-1.81E+00	1.19E+00	3.38E+00	U
FH	OFS-N	512249	001	5/21/20	Ag-110m	4.34E-01	1.87E+00	6.40E+00	U
FH	OFS-N	512249	001	5/21/20	Th-228	5.50E+00	5.01E+00	8.79E+00	U
FH	OFS-N	512249	001	5/21/20	Zn-65	-3.71E-01	3.65E+00	1.20E+01	U
FH	OFS-N	512249	001	5/21/20	Zr-95	-5.06E+00	3.05E+00	7.87E+00	U
FH	OFS-S	516142	001	7/15/20	Ac-228	1.29E+01	1.99E+01	3.79E+01	U
FH	OFS-S	516142	001	7/15/20	Sb-124	-3.56E+00	4.90E+00	1.60E+01	U
FH	OFS-S	516142	001	7/15/20	Sb-125	-5.16E+00	6.34E+00	1.90E+01	U
FH	OFS-S	516142	001	7/15/20	Ba-140	-2.19E+00	1.27E+01	3.98E+01	U
FH	OFS-S	516142	001	7/15/20	Be-7	-3.81E+00	2.12E+01	6.69E+01	U
FH	OFS-S	516142	001	7/15/20	Ce-141	-3.73E+00	3.43E+00	1.08E+01	U
FH	OFS-S	516142	001	7/15/20	Ce-144	5.17E+00	1.19E+01	4.09E+01	U
FH	OFS-S	516142	001	7/15/20	Cs-134	-7.86E-01	2.76E+00	9.01E+00	U
FH	OFS-S	516142	001	7/15/20	Cs-137	3.30E+00	2.86E+00	9.44E+00	U
FH	OFS-S	516142	001	7/15/20	Cr-51	2.13E+01	2.03E+01	6.79E+01	U
FH	OFS-S	516142	001	7/15/20	Co-57	3.74E-01	1.56E+00	5.37E+00	U
FH	OFS-S	516142	001	7/15/20	Co-58	1.78E+00	2.32E+00	8.03E+00	U
FH	OFS-S	516142	001	7/15/20	Co-60	1.23E+01	4.29E+00	1.21E+01	UI
FH	OFS-S	516142	001	7/15/20	I-131	-1.99E+00	3.95E+00	1.23E+01	U
FH	OFS-S	516142	001	7/15/20	Fe-59	-9.37E-01	6.12E+00	1.71E+01	U
FH	OFS-S	516142	001	7/15/20	La-140	-5.04E+00	4.36E+00	1.21E+01	U
FH	OFS-S	516142	001	7/15/20	Mn-54	4.91E+00	2.65E+00	9.01E+00	U
FH	OFS-S	516142	001	7/15/20	Nb-95	1.96E+00	2.65E+00	9.12E+00	U
FH	OFS-S	516142	001	7/15/20	K-40	2.55E+03	1.74E+02	7.94E+01	
FH	OFS-S	516142	001	7/15/20	Ru-103	1.75E+00	2.43E+00	7.99E+00	U
FH	OFS-S	516142	001	7/15/20	Ru-106	2.59E+01	1.98E+01	6.91E+01	U
FH	OFS-S	516142	001	7/15/20	Se-75	1.25E+00	2.86E+00	9.57E+00	U
FH	OFS-S	516142	001	7/15/20	Ag-108m	3.29E-01	1.69E+00	5.52E+00	U
FH	OFS-S	516142	001	7/15/20	Ag-110m	3.77E+00	3.65E+00	1.26E+01	U
FH	OFS-S	516142	001	7/15/20	Th-228	8.96E+00	6.81E+00	1.44E+01	U
FH	OFS-S	516142	001	7/15/20	Zn-65	-6.32E+00	6.68E+00	1.97E+01	U
FH	OFS-S	516142	001	7/15/20	Zr-95	1.59E+00	4.28E+00	1.46E+01	U
FH	ONS-S	526639	001	11/2/20	Ac-228	-1.94E+01	1.24E+01	3.18E+01	U
FH	ONS-S	526639	001	11/2/20	Sb-124	-1.32E+01	7.70E+00	1.23E+01	U
FH	ONS-S	526639	001	11/2/20	Sb-125	1.05E+01	6.65E+00	2.34E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
FH	ONS-S	526639	001	11/2/20	Ba-140	-1.97E+01	1.42E+01	3.62E+01	U
FH	ONS-S	526639	001	11/2/20	Be-7	7.22E+01	3.45E+01	5.45E+01	UI
FH	ONS-S	526639	001	11/2/20	Ce-141	-4.93E+00	3.91E+00	1.04E+01	U
FH	ONS-S	526639	001	11/2/20	Ce-144	2.22E+01	1.59E+01	5.16E+01	U
FH	ONS-S	526639	001	11/2/20	Cs-134	-1.04E+00	3.13E+00	9.47E+00	U
FH	ONS-S	526639	001	11/2/20	Cs-137	4.95E+00	3.12E+00	1.09E+01	U
FH	ONS-S	526639	001	11/2/20	Cr-51	-1.89E+00	2.22E+01	7.36E+01	U
FH	ONS-S	526639	001	11/2/20	Co-57	5.49E-01	1.63E+00	5.24E+00	U
FH	ONS-S	526639	001	11/2/20	Co-58	1.20E+00	3.34E+00	1.10E+01	U
FH	ONS-S	526639	001	11/2/20	Co-60	-1.73E+00	2.94E+00	8.65E+00	U
FH	ONS-S	526639	001	11/2/20	I-131	1.06E+00	4.76E+00	1.49E+01	U
FH	ONS-S	526639	001	11/2/20	Fe-59	-2.05E+00	7.22E+00	2.02E+01	U
FH	ONS-S	526639	001	11/2/20	La-140	1.71E+00	1.75E+00	7.96E+00	U
FH	ONS-S	526639	001	11/2/20	Mn-54	-1.21E+00	2.49E+00	7.61E+00	U
FH	ONS-S	526639	001	11/2/20	Nb-95	-1.64E+00	2.73E+00	7.88E+00	U
FH	ONS-S	526639	001	11/2/20	K-40	2.79E+03	2.16E+02	9.71E+01	
FH	ONS-S	526639	001	11/2/20	Ru-103	2.00E+00	2.75E+00	9.45E+00	U
FH	ONS-S	526639	001	11/2/20	Ru-106	1.17E+01	2.08E+01	7.09E+01	U
FH	ONS-S	526639	001	11/2/20	Se-75	-3.36E+00	2.73E+00	7.87E+00	U
FH	ONS-S	526639	001	11/2/20	Ag-108m	-5.49E-01	2.62E+00	7.52E+00	U
FH	ONS-S	526639	001	11/2/20	Ag-110m	-2.36E+00	3.42E+00	1.04E+01	U
FH	ONS-S	526639	001	11/2/20	Th-228	2.28E+01	1.25E+01	1.64E+01	UI
FH	ONS-S	526639	001	11/2/20	Zn-65	-1.34E+00	7.00E+00	2.29E+01	U
FH	ONS-S	526639	001	11/2/20	Zr-95	1.29E+00	4.77E+00	1.57E+01	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
SE	SL-2	512484	003	6/1/20	Ac-228	2.48E+02	7.52E+01	1.68E+02	UI
SE	SL-2	512484	003	6/1/20	Sb-124	-1.39E+00	1.31E+01	4.22E+01	U
SE	SL-2	512484	003	6/1/20	Sb-125	-1.28E+01	1.77E+01	5.88E+01	U
SE	SL-2	512484	003	6/1/20	Ba-140	1.65E+01	3.35E+01	1.08E+02	U
SE	SL-2	512484	003	6/1/20	Be-7	-1.48E+01	5.59E+01	1.93E+02	U
SE	SL-2	512484	003	6/1/20	Ce-141	7.19E+00	9.13E+00	3.59E+01	U
SE	SL-2	512484	003	6/1/20	Ce-144	2.88E+00	3.17E+01	1.24E+02	U
SE	SL-2	512484	003	6/1/20	Cs-134	1.36E+01	1.26E+01	2.99E+01	U
SE	SL-2	512484	003	6/1/20	Cs-137	1.31E+01	8.39E+00	2.98E+01	U
SE	SL-2	512484	003	6/1/20	Cr-51	2.77E+01	5.09E+01	1.90E+02	U
SE	SL-2	512484	003	6/1/20	Co-57	-2.43E+00	5.16E+00	1.72E+01	U
SE	SL-2	512484	003	6/1/20	Co-58	1.84E-01	7.11E+00	2.54E+01	U
SE	SL-2	512484	003	6/1/20	Co-60	-1.47E+00	8.27E+00	2.74E+01	U
SE	SL-2	512484	003	6/1/20	I-131	8.20E+00	9.82E+00	3.30E+01	U
SE	SL-2	512484	003	6/1/20	Fe-59	-8.34E+00	1.38E+01	4.42E+01	U
SE	SL-2	512484	003	6/1/20	La-140	-2.60E+00	7.13E+00	2.18E+01	U
SE	SL-2	512484	003	6/1/20	Mn-54	-8.53E-01	6.68E+00	2.35E+01	U
SE	SL-2	512484	003	6/1/20	Nb-95	-4.02E+00	8.42E+00	2.48E+01	U
SE	SL-2	512484	003	6/1/20	K-40	4.64E+03	3.98E+02	2.76E+02	
SE	SL-2	512484	003	6/1/20	Ru-103	-5.21E+00	6.79E+00	2.21E+01	U
SE	SL-2	512484	003	6/1/20	Ru-106	-5.22E+01	6.91E+01	2.19E+02	U
SE	SL-2	512484	003	6/1/20	Se-75	5.78E+00	7.52E+00	2.85E+01	U
SE	SL-2	512484	003	6/1/20	Ag-108m	-8.66E+00	6.36E+00	1.81E+01	U
SE	SL-2	512484	003	6/1/20	Ag-110m	-2.67E+00	9.46E+00	3.26E+01	U
SE	SL-2	512484	003	6/1/20	Th-228	2.39E+02	2.84E+01	3.91E+01	
SE	SL-2	512484	003	6/1/20	Zn-65	2.03E+00	1.93E+01	5.92E+01	U
SE	SL-2	512484	003	6/1/20	Zr-95	-3.37E+00	1.38E+01	4.51E+01	U
SE	SL-3	512484	004	6/1/20	Ac-228	1.97E+02	7.75E+01	1.61E+02	UI
SE	SL-3	512484	004	6/1/20	Sb-124	-2.33E+01	1.98E+01	5.59E+01	U
SE	SL-3	512484	004	6/1/20	Sb-125	-1.41E+01	1.98E+01	6.86E+01	U
SE	SL-3	512484	004	6/1/20	Ba-140	8.16E+01	4.89E+01	1.71E+02	U
SE	SL-3	512484	004	6/1/20	Be-7	-3.15E+01	6.24E+01	2.16E+02	U
SE	SL-3	512484	004	6/1/20	Ce-141	2.77E+01	1.50E+01	5.42E+01	U
SE	SL-3	512484	004	6/1/20	Ce-144	5.20E+01	4.79E+01	1.83E+02	U
SE	SL-3	512484	004	6/1/20	Cs-134	1.37E+01	9.67E+00	3.20E+01	U
SE	SL-3	512484	004	6/1/20	Cs-137	2.97E+01	1.18E+01	3.09E+01	U
SE	SL-3	512484	004	6/1/20	Cr-51	5.66E+01	8.09E+01	2.86E+02	U
SE	SL-3	512484	004	6/1/20	Co-57	7.61E+00	6.06E+00	2.32E+01	U
SE	SL-3	512484	004	6/1/20	Co-58	1.69E+00	7.50E+00	2.67E+01	U
SE	SL-3	512484	004	6/1/20	Co-60	-7.41E+00	8.25E+00	2.59E+01	U
SE	SL-3	512484	004	6/1/20	I-131	3.30E+00	1.71E+01	6.32E+01	U
SE	SL-3	512484	004	6/1/20	Fe-59	9.76E+00	1.95E+01	6.73E+01	U
SE	SL-3	512484	004	6/1/20	La-140	-1.03E+01	1.72E+01	5.46E+01	U
SE	SL-3	512484	004	6/1/20	Mn-54	-6.48E+00	1.00E+01	2.88E+01	U
SE	SL-3	512484	004	6/1/20	Nb-95	-1.17E+01	1.06E+01	2.94E+01	U
SE	SL-3	512484	004	6/1/20	K-40	5.34E+03	3.77E+02	2.23E+02	
SE	SL-3	512484	004	6/1/20	Ru-103	1.52E+00	8.99E+00	3.21E+01	U
SE	SL-3	512484	004	6/1/20	Ru-106	-4.39E+01	7.87E+01	2.62E+02	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
SE	SL-3	512484	004	6/1/20	Se-75	1.91E+01	1.21E+01	4.22E+01	U
SE	SL-3	512484	004	6/1/20	Ag-108m	-6.95E-01	6.51E+00	2.34E+01	U
SE	SL-3	512484	004	6/1/20	Ag-110m	7.93E+00	1.14E+01	4.05E+01	U
SE	SL-3	512484	004	6/1/20	Th-228	2.13E+02	3.95E+01	5.45E+01	
SE	SL-3	512484	004	6/1/20	Zn-65	2.42E+01	2.16E+01	6.67E+01	U
SE	SL-3	512484	004	6/1/20	Zr-95	-1.09E+01	1.36E+01	4.52E+01	U
SE	SL-2	525785	001	10/26/20	Ac-228	1.47E+02	5.86E+01	1.60E+02	U
SE	SL-2	525785	001	10/26/20	Sb-124	8.49E+00	1.31E+01	4.97E+01	U
SE	SL-2	525785	001	10/26/20	Sb-125	1.74E+01	1.51E+01	5.74E+01	U
SE	SL-2	525785	001	10/26/20	Ba-140	-2.19E+01	6.66E+01	2.33E+02	U
SE	SL-2	525785	001	10/26/20	Be-7	8.31E+01	6.15E+01	2.32E+02	U
SE	SL-2	525785	001	10/26/20	Ce-141	-6.18E+00	1.24E+01	4.41E+01	U
SE	SL-2	525785	001	10/26/20	Ce-144	-1.15E+01	3.06E+01	1.10E+02	U
SE	SL-2	525785	001	10/26/20	Cs-134	2.25E-01	8.19E+00	2.83E+01	U
SE	SL-2	525785	001	10/26/20	Cs-137	1.35E+01	6.79E+00	2.48E+01	U
SE	SL-2	525785	001	10/26/20	Cr-51	-1.95E+01	8.57E+01	2.88E+02	U
SE	SL-2	525785	001	10/26/20	Co-57	-5.21E+00	3.98E+00	1.32E+01	U
SE	SL-2	525785	001	10/26/20	Co-58	-9.19E+00	7.11E+00	1.98E+01	U
SE	SL-2	525785	001	10/26/20	Co-60	1.04E+01	8.31E+00	2.98E+01	U
SE	SL-2	525785	001	10/26/20	I-131	-4.75E+01	4.59E+01	1.38E+02	U
SE	SL-2	525785	001	10/26/20	Fe-59	1.39E+01	1.87E+01	6.60E+01	U
SE	SL-2	525785	001	10/26/20	La-140	-2.31E+01	2.16E+01	5.66E+01	U
SE	SL-2	525785	001	10/26/20	Mn-54	4.94E+00	7.31E+00	2.62E+01	U
SE	SL-2	525785	001	10/26/20	Nb-95	7.80E+00	8.46E+00	3.07E+01	U
SE	SL-2	525785	001	10/26/20	K-40	4.58E+03	3.67E+02	1.75E+02	
SE	SL-2	525785	001	10/26/20	Ru-103	-2.77E+00	8.80E+00	3.12E+01	U
SE	SL-2	525785	001	10/26/20	Ru-106	-1.24E+01	5.24E+01	1.82E+02	U
SE	SL-2	525785	001	10/26/20	Se-75	-8.12E+00	8.46E+00	2.69E+01	U
SE	SL-2	525785	001	10/26/20	Ag-108m	1.05E+01	4.87E+00	1.80E+01	U
SE	SL-2	525785	001	10/26/20	Ag-110m	1.78E+01	9.34E+00	3.44E+01	U
SE	SL-2	525785	001	10/26/20	Th-228	2.28E+02	2.96E+01	3.23E+01	
SE	SL-2	525785	001	10/26/20	Zn-65	1.56E+01	2.00E+01	6.38E+01	U
SE	SL-2	525785	001	10/26/20	Zr-95	-3.48E+00	1.35E+01	4.55E+01	U
SE	SL-3	525785	002	10/26/20	Ac-228	1.73E+02	9.32E+01	1.04E+02	UI
SE	SL-3	525785	002	10/26/20	Sb-124	-2.16E+01	1.98E+01	4.82E+01	U
SE	SL-3	525785	002	10/26/20	Sb-125	1.62E+01	2.19E+01	8.06E+01	U
SE	SL-3	525785	002	10/26/20	Ba-140	1.95E+01	8.60E+01	3.07E+02	U
SE	SL-3	525785	002	10/26/20	Be-7	1.05E+02	8.68E+01	3.18E+02	U
SE	SL-3	525785	002	10/26/20	Ce-141	8.10E+00	1.72E+01	6.21E+01	U
SE	SL-3	525785	002	10/26/20	Ce-144	6.14E+01	4.79E+01	1.73E+02	U
SE	SL-3	525785	002	10/26/20	Cs-134	7.83E+00	1.04E+01	3.67E+01	U
SE	SL-3	525785	002	10/26/20	Cs-137	3.70E-01	7.26E+00	2.51E+01	U
SE	SL-3	525785	002	10/26/20	Cr-51	5.82E+01	1.12E+02	3.83E+02	U
SE	SL-3	525785	002	10/26/20	Co-57	-3.58E+00	6.24E+00	2.17E+01	U
SE	SL-3	525785	002	10/26/20	Co-58	9.70E+00	8.74E+00	3.18E+01	U
SE	SL-3	525785	002	10/26/20	Co-60	-1.78E+01	1.04E+01	2.91E+01	U
SE	SL-3	525785	002	10/26/20	I-131	1.27E+02	9.93E+01	2.03E+02	U
SE	SL-3	525785	002	10/26/20	Fe-59	1.85E+01	1.81E+01	6.59E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
SE	SL-3	525785	002	10/26/20	La-140	2.34E+01	3.66E+01	1.31E+02	U
SE	SL-3	525785	002	10/26/20	Mn-54	6.09E-01	7.79E+00	2.63E+01	U
SE	SL-3	525785	002	10/26/20	Nb-95	2.46E+00	9.23E+00	3.20E+01	U
SE	SL-3	525785	002	10/26/20	K-40	3.62E+03	3.89E+02	3.23E+02	
SE	SL-3	525785	002	10/26/20	Ru-103	7.93E+00	1.08E+01	3.95E+01	U
SE	SL-3	525785	002	10/26/20	Ru-106	1.16E+02	6.47E+01	2.39E+02	U
SE	SL-3	525785	002	10/26/20	Se-75	8.72E+00	1.10E+01	3.83E+01	U
SE	SL-3	525785	002	10/26/20	Ag-108m	2.71E-01	6.31E+00	2.27E+01	U
SE	SL-3	525785	002	10/26/20	Ag-110m	-8.57E+00	1.18E+01	3.57E+01	U
SE	SL-3	525785	002	10/26/20	Th-228	2.26E+02	4.33E+01	4.45E+01	
SE	SL-3	525785	002	10/26/20	Zn-65	-6.11E+00	2.06E+01	5.62E+01	U
SE	SL-3	525785	002	10/26/20	Zr-95	-5.00E-01	1.91E+01	6.46E+01	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TF	ONS B	517831	001	8/5/2020	Ac-228	1.94E+00	1.25E+01	4.02E+01	U
TF	ONS B	517831	001	8/5/2020	Sb-124	-1.24E+01	7.71E+00	1.63E+01	U
TF	ONS B	517831	001	8/5/2020	Sb-125	-7.02E+00	7.05E+00	2.09E+01	U
TF	ONS B	517831	001	8/5/2020	Ba-140	2.01E+01	1.30E+01	4.14E+01	U
TF	ONS B	517831	001	8/5/2020	Be-7	8.79E+01	3.52E+01	6.68E+01	UI
TF	ONS B	517831	001	8/5/2020	Ce-141	7.72E+00	5.06E+00	1.00E+01	U
TF	ONS B	517831	001	8/5/2020	Ce-144	1.19E+01	1.42E+01	4.55E+01	U
TF	ONS B	517831	001	8/5/2020	Cs-134	-3.90E-01	2.70E+00	8.42E+00	U
TF	ONS B	517831	001	8/5/2020	Cs-137	3.66E+00	3.10E+00	1.05E+01	U
TF	ONS B	517831	001	8/5/2020	Cr-51	-1.51E+01	2.03E+01	6.33E+01	U
TF	ONS B	517831	001	8/5/2020	Co-57	4.02E-02	1.78E+00	5.59E+00	U
TF	ONS B	517831	001	8/5/2020	Co-58	3.48E+00	2.36E+00	8.34E+00	U
TF	ONS B	517831	001	8/5/2020	Co-60	-7.26E-01	2.45E+00	7.69E+00	U
TF	ONS B	517831	001	8/5/2020	I-131	-2.61E+00	3.64E+00	1.13E+01	U
TF	ONS B	517831	001	8/5/2020	Fe-59	1.09E+00	4.45E+00	1.53E+01	U
TF	ONS B	517831	001	8/5/2020	La-140	-2.97E-01	3.38E+00	1.08E+01	U
TF	ONS B	517831	001	8/5/2020	Mn-54	-2.71E+00	1.97E+00	5.15E+00	U
TF	ONS B	517831	001	8/5/2020	Nb-95	5.63E+00	3.26E+00	1.10E+01	U
TF	ONS B	517831	001	8/5/2020	K-40	6.21E+02	9.07E+01	7.01E+01	
TF	ONS B	517831	001	8/5/2020	Ru-103	-1.84E-01	2.59E+00	8.42E+00	U
TF	ONS B	517831	001	8/5/2020	Ru-106	-4.85E+00	2.29E+01	7.21E+01	U
TF	ONS B	517831	001	8/5/2020	Se-75	4.17E+00	3.13E+00	1.08E+01	U
TF	ONS B	517831	001	8/5/2020	Ag-108m	2.60E-01	1.99E+00	6.62E+00	U
TF	ONS B	517831	001	8/5/2020	Ag-110m	1.36E+01	5.67E+00	1.35E+01	UI
TF	ONS B	517831	001	8/5/2020	Th-228	-5.38E+00	5.07E+00	1.50E+01	U
TF	ONS B	517831	001	8/5/2020	Zn-65	1.89E+00	4.52E+00	1.58E+01	U
TF	ONS B	517831	001	8/5/2020	Zr-95	-2.84E+00	4.48E+00	1.31E+01	U
TF	OFS B	517831	002	8/6/2020	Ac-228	2.96E+00	1.70E+01	6.34E+01	U
TF	OFS B	517831	002	8/6/2020	Sb-124	4.07E+00	8.97E+00	3.22E+01	U
TF	OFS B	517831	002	8/6/2020	Sb-125	3.34E+00	1.05E+01	3.45E+01	U
TF	OFS B	517831	002	8/6/2020	Ba-140	-1.39E+01	1.56E+01	4.26E+01	U
TF	OFS B	517831	002	8/6/2020	Be-7	1.45E+02	5.89E+01	1.23E+02	UI
TF	OFS B	517831	002	8/6/2020	Ce-141	-7.16E-01	4.90E+00	1.65E+01	U
TF	OFS B	517831	002	8/6/2020	Ce-144	-1.66E+01	2.06E+01	6.58E+01	U
TF	OFS B	517831	002	8/6/2020	Cs-134	3.21E+00	4.50E+00	1.59E+01	U
TF	OFS B	517831	002	8/6/2020	Cs-137	-2.89E+00	4.25E+00	1.32E+01	U
TF	OFS B	517831	002	8/6/2020	Cr-51	-1.93E+01	2.50E+01	7.40E+01	U
TF	OFS B	517831	002	8/6/2020	Co-57	2.92E+00	2.57E+00	8.98E+00	U
TF	OFS B	517831	002	8/6/2020	Co-58	3.49E+00	3.38E+00	1.23E+01	U
TF	OFS B	517831	002	8/6/2020	Co-60	-6.56E+00	5.07E+00	1.20E+01	U
TF	OFS B	517831	002	8/6/2020	I-131	2.57E+00	4.63E+00	1.57E+01	U
TF	OFS B	517831	002	8/6/2020	Fe-59	1.87E+00	7.20E+00	2.43E+01	U
TF	OFS B	517831	002	8/6/2020	La-140	3.82E+00	4.76E+00	1.81E+01	U
TF	OFS B	517831	002	8/6/2020	Mn-54	-6.85E-01	2.90E+00	9.27E+00	U
TF	OFS B	517831	002	8/6/2020	Nb-95	-4.02E+00	3.67E+00	1.02E+01	U
TF	OFS B	517831	002	8/6/2020	K-40	5.12E+02	1.06E+02	1.51E+02	
TF	OFS B	517831	002	8/6/2020	Ru-103	4.64E+00	3.33E+00	1.17E+01	U
TF	OFS B	517831	002	8/6/2020	Ru-106	3.09E+01	3.55E+01	1.27E+02	U
TF	OFS B	517831	002	8/6/2020	Se-75	-4.56E-01	4.49E+00	1.47E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TF	OFS B	517831	002	8/6/2020	Ag-108m	-4.59E+00	3.27E+00	8.28E+00	U
TF	OFS B	517831	002	8/6/2020	Ag-110m	3.71E+00	5.88E+00	2.05E+01	U
TF	OFS B	517831	002	8/6/2020	Th-228	2.80E+00	6.96E+00	2.36E+01	U
TF	OFS B	517831	002	8/6/2020	Zn-65	-4.63E+00	9.45E+00	2.86E+01	U
TF	OFS B	517831	002	8/6/2020	Zr-95	1.74E-01	6.68E+00	2.24E+01	U
TF	ONS R	518709	003	8/12/2020	Ac-228	1.19E+00	1.40E+01	4.37E+01	U
TF	ONS R	518709	003	8/12/2020	Sb-124	3.13E-01	6.88E+00	2.23E+01	U
TF	ONS R	518709	003	8/12/2020	Sb-125	-3.52E+00	7.36E+00	2.34E+01	U
TF	ONS R	518709	003	8/12/2020	Ba-140	-2.87E+01	1.54E+01	3.76E+01	U
TF	ONS R	518709	003	8/12/2020	Be-7	2.17E+01	2.41E+01	8.20E+01	U
TF	ONS R	518709	003	8/12/2020	Ce-141	-5.68E-01	4.58E+00	1.43E+01	U
TF	ONS R	518709	003	8/12/2020	Ce-144	1.08E+01	1.75E+01	5.64E+01	U
TF	ONS R	518709	003	8/12/2020	Cs-134	-1.87E-01	3.18E+00	1.08E+01	U
TF	ONS R	518709	003	8/12/2020	Cs-137	-2.89E+00	3.60E+00	1.06E+01	U
TF	ONS R	518709	003	8/12/2020	Cr-51	3.14E+00	2.68E+01	9.02E+01	U
TF	ONS R	518709	003	8/12/2020	Co-57	-1.10E+00	2.22E+00	6.82E+00	U
TF	ONS R	518709	003	8/12/2020	Co-58	-5.37E+00	3.39E+00	9.30E+00	U
TF	ONS R	518709	003	8/12/2020	Co-60	1.03E+00	2.56E+00	8.85E+00	U
TF	ONS R	518709	003	8/12/2020	I-131	-1.25E+00	4.46E+00	1.46E+01	U
TF	ONS R	518709	003	8/12/2020	Fe-59	-1.07E+01	6.21E+00	1.48E+01	U
TF	ONS R	518709	003	8/12/2020	La-140	9.51E-01	3.43E+00	1.16E+01	U
TF	ONS R	518709	003	8/12/2020	Mn-54	-1.82E+00	3.26E+00	1.05E+01	U
TF	ONS R	518709	003	8/12/2020	Nb-95	-8.41E-01	3.66E+00	1.14E+01	U
TF	ONS R	518709	003	8/12/2020	K-40	1.60E+03	1.48E+02	1.14E+02	
TF	ONS R	518709	003	8/12/2020	Ru-103	5.23E-01	2.97E+00	9.81E+00	U
TF	ONS R	518709	003	8/12/2020	Ru-106	-2.68E+01	2.98E+01	8.73E+01	U
TF	ONS R	518709	003	8/12/2020	Se-75	3.28E+00	3.75E+00	1.29E+01	U
TF	ONS R	518709	003	8/12/2020	Ag-108m	-4.86E+00	3.40E+00	9.06E+00	U
TF	ONS R	518709	003	8/12/2020	Ag-110m	-4.44E+00	4.50E+00	1.14E+01	U
TF	ONS R	518709	003	8/12/2020	Th-228	4.48E+00	8.51E+00	1.88E+01	U
TF	ONS R	518709	003	8/12/2020	Zn-65	-2.97E+00	6.36E+00	2.00E+01	U
TF	ONS R	518709	003	8/12/2020	Zr-95	-2.59E+00	5.06E+00	1.51E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Ac-228	1.25E+02	5.54E+01	1.22E+02	UI
TF	OFS 1-V	518709	004	8/13/2020	Sb-124	-7.02E+00	1.44E+01	4.43E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Sb-125	-2.72E+01	1.94E+01	5.33E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Ba-140	1.06E+01	2.64E+01	8.63E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Be-7	1.19E+03	1.37E+02	1.83E+02	
TF	OFS 1-V	518709	004	8/13/2020	Ce-141	-7.19E-01	1.00E+01	3.16E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Ce-144	6.27E+00	3.20E+01	1.10E+02	U
TF	OFS 1-V	518709	004	8/13/2020	Cs-134	3.02E+00	7.36E+00	2.52E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Cs-137	3.41E+00	7.18E+00	2.48E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Cr-51	7.83E+01	6.15E+01	1.89E+02	U
TF	OFS 1-V	518709	004	8/13/2020	Co-57	-3.46E+00	4.61E+00	1.50E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Co-58	-6.70E+00	6.80E+00	2.01E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Co-60	7.07E+00	7.10E+00	2.49E+01	U
TF	OFS 1-V	518709	004	8/13/2020	I-131	-1.34E+01	9.42E+00	2.60E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Fe-59	7.56E+00	1.46E+01	4.96E+01	U
TF	OFS 1-V	518709	004	8/13/2020	La-140	-2.65E-01	1.07E+01	3.58E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Mn-54	5.10E+00	6.58E+00	2.28E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TF	OFS 1-V	518709	004	8/13/2020	Nb-95	-1.37E+00	7.39E+00	2.43E+01	U
TF	OFS 1-V	518709	004	8/13/2020	K-40	2.13E+03	2.88E+02	2.60E+02	
TF	OFS 1-V	518709	004	8/13/2020	Ru-103	-2.18E+00	6.34E+00	1.96E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Ru-106	8.98E+00	5.44E+01	1.86E+02	U
TF	OFS 1-V	518709	004	8/13/2020	Se-75	-5.15E+00	8.04E+00	2.54E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Ag-108m	8.38E+00	5.62E+00	1.88E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Ag-110m	6.16E+00	9.23E+00	3.19E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Th-228	2.49E+01	1.94E+01	4.52E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Zn-65	-1.37E+01	1.54E+01	4.47E+01	U
TF	OFS 1-V	518709	004	8/13/2020	Zr-95	-9.34E+00	1.01E+01	3.00E+01	U
TF	ONS G	519050	004	8/18/2020	Ac-228	1.24E+01	1.49E+01	3.36E+01	U
TF	ONS G	519050	004	8/18/2020	Sb-124	8.97E+00	4.81E+00	1.71E+01	U
TF	ONS G	519050	004	8/18/2020	Sb-125	-1.34E+00	5.74E+00	1.83E+01	U
TF	ONS G	519050	004	8/18/2020	Ba-140	-5.38E+00	8.66E+00	2.63E+01	U
TF	ONS G	519050	004	8/18/2020	Be-7	-2.32E+01	1.64E+01	4.56E+01	U
TF	ONS G	519050	004	8/18/2020	Ce-141	-6.48E+00	3.39E+00	8.16E+00	U
TF	ONS G	519050	004	8/18/2020	Ce-144	4.87E+00	1.10E+01	3.75E+01	U
TF	ONS G	519050	004	8/18/2020	Cs-134	2.09E+00	2.37E+00	8.09E+00	U
TF	ONS G	519050	004	8/18/2020	Cs-137	-2.16E+00	2.01E+00	6.16E+00	U
TF	ONS G	519050	004	8/18/2020	Cr-51	6.55E+00	1.63E+01	5.39E+01	U
TF	ONS G	519050	004	8/18/2020	Co-57	1.44E-01	1.37E+00	4.69E+00	U
TF	ONS G	519050	004	8/18/2020	Co-58	-4.47E+00	2.15E+00	5.31E+00	U
TF	ONS G	519050	004	8/18/2020	Co-60	-5.66E+00	2.90E+00	6.88E+00	U
TF	ONS G	519050	004	8/18/2020	I-131	-9.35E-01	2.38E+00	7.57E+00	U
TF	ONS G	519050	004	8/18/2020	Fe-59	3.53E+00	4.71E+00	1.58E+01	U
TF	ONS G	519050	004	8/18/2020	La-140	2.22E+00	2.22E+00	7.96E+00	U
TF	ONS G	519050	004	8/18/2020	Mn-54	-1.80E+00	2.10E+00	6.51E+00	U
TF	ONS G	519050	004	8/18/2020	Nb-95	2.75E-02	1.96E+00	6.55E+00	U
TF	ONS G	519050	004	8/18/2020	K-40	2.60E+03	1.67E+02	6.33E+01	
TF	ONS G	519050	004	8/18/2020	Ru-103	6.28E-01	1.83E+00	5.92E+00	U
TF	ONS G	519050	004	8/18/2020	Ru-106	4.79E+00	1.88E+01	6.40E+01	U
TF	ONS G	519050	004	8/18/2020	Se-75	-5.41E-01	2.24E+00	7.31E+00	U
TF	ONS G	519050	004	8/18/2020	Ag-108m	-1.27E+00	1.76E+00	5.40E+00	U
TF	ONS G	519050	004	8/18/2020	Ag-110m	2.41E+00	2.97E+00	1.01E+01	U
TF	ONS G	519050	004	8/18/2020	Th-228	1.06E+00	4.78E+00	1.17E+01	U
TF	ONS G	519050	004	8/18/2020	Zn-65	-1.59E+00	5.11E+00	1.63E+01	U
TF	ONS G	519050	004	8/18/2020	Zr-95	1.74E+00	3.47E+00	1.18E+01	U
TF	ONS G	522121	004	9/21/2020	Ac-228	-2.29E+01	1.43E+01	3.48E+01	U
TF	ONS G	522121	004	9/21/2020	Sb-124	-5.64E+00	7.07E+00	2.16E+01	U
TF	ONS G	522121	004	9/21/2020	Sb-125	8.18E+00	6.07E+00	1.98E+01	U
TF	ONS G	522121	004	9/21/2020	Ba-140	-1.82E+01	1.23E+01	2.99E+01	U
TF	ONS G	522121	004	9/21/2020	Be-7	6.25E+01	2.54E+01	7.88E+01	U
TF	ONS G	522121	004	9/21/2020	Ce-141	1.90E+00	3.10E+00	1.07E+01	U
TF	ONS G	522121	004	9/21/2020	Ce-144	-1.93E+01	1.37E+01	3.75E+01	U
TF	ONS G	522121	004	9/21/2020	Cs-134	-5.67E+00	3.56E+00	8.82E+00	U
TF	ONS G	522121	004	9/21/2020	Cs-137	2.60E+00	2.66E+00	9.05E+00	U
TF	ONS G	522121	004	9/21/2020	Cr-51	5.20E+01	3.74E+01	5.81E+01	U
TF	ONS G	522121	004	9/21/2020	Co-57	9.84E-01	1.78E+00	5.64E+00	U
TF	ONS G	522121	004	9/21/2020	Co-58	1.38E+00	2.53E+00	8.43E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TF	ONS G	522121	004	9/21/2020	Co-60	8.27E-01	3.06E+00	9.37E+00	U
TF	ONS G	522121	004	9/21/2020	I-131	3.05E-02	3.56E+00	9.54E+00	U
TF	ONS G	522121	004	9/21/2020	Fe-59	-1.23E+00	5.96E+00	1.96E+01	U
TF	ONS G	522121	004	9/21/2020	La-140	1.20E+00	2.93E+00	8.43E+00	U
TF	ONS G	522121	004	9/21/2020	Mn-54	-5.41E-01	2.79E+00	8.91E+00	U
TF	ONS G	522121	004	9/21/2020	Nb-95	6.09E+00	3.04E+00	9.86E+00	U
TF	ONS G	522121	004	9/21/2020	K-40	3.41E+03	2.17E+02	8.03E+01	
TF	ONS G	522121	004	9/21/2020	Ru-103	-9.42E-01	2.10E+00	6.90E+00	U
TF	ONS G	522121	004	9/21/2020	Ru-106	-3.91E+01	2.42E+01	6.70E+01	U
TF	ONS G	522121	004	9/21/2020	Se-75	1.65E+00	2.93E+00	9.78E+00	U
TF	ONS G	522121	004	9/21/2020	Ag-108m	3.57E+00	2.23E+00	7.18E+00	U
TF	ONS G	522121	004	9/21/2020	Ag-110m	-7.52E-01	3.88E+00	1.23E+01	U
TF	ONS G	522121	004	9/21/2020	Th-228	-1.26E+00	5.08E+00	1.46E+01	U
TF	ONS G	522121	004	9/21/2020	Zn-65	-1.45E+01	7.87E+00	2.07E+01	U
TF	ONS G	522121	004	9/21/2020	Zr-95	1.09E+00	4.48E+00	1.48E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Ac-228	1.50E+00	1.47E+01	4.85E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Sb-124	-2.90E-01	4.11E+00	1.36E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Sb-125	-1.48E+00	7.24E+00	2.36E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Ba-140	3.00E+00	1.38E+01	4.18E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Be-7	8.57E+01	2.59E+01	8.27E+01	
TF	OFS 2-G	522121	009	9/21/2020	Ce-141	-4.27E+00	4.99E+00	1.49E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Ce-144	-1.10E+01	1.73E+01	5.65E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Cs-134	-7.14E+00	3.73E+00	8.15E+00	U
TF	OFS 2-G	522121	009	9/21/2020	Cs-137	-2.96E+00	3.02E+00	8.63E+00	U
TF	OFS 2-G	522121	009	9/21/2020	Cr-51	2.62E+01	2.45E+01	8.38E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Co-57	-8.09E-01	2.38E+00	7.98E+00	U
TF	OFS 2-G	522121	009	9/21/2020	Co-58	4.45E-01	2.29E+00	7.59E+00	U
TF	OFS 2-G	522121	009	9/21/2020	Co-60	1.72E+00	3.57E+00	1.20E+01	U
TF	OFS 2-G	522121	009	9/21/2020	I-131	-3.49E-01	3.90E+00	1.29E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Fe-59	-5.98E+00	8.25E+00	2.42E+01	U
TF	OFS 2-G	522121	009	9/21/2020	La-140	7.10E-01	3.46E+00	1.21E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Mn-54	9.36E-01	2.89E+00	9.62E+00	U
TF	OFS 2-G	522121	009	9/21/2020	Nb-95	3.16E+00	2.70E+00	9.49E+00	U
TF	OFS 2-G	522121	009	9/21/2020	K-40	1.96E+03	1.75E+02	1.08E+02	
TF	OFS 2-G	522121	009	9/21/2020	Ru-103	3.66E+00	2.86E+00	1.02E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Ru-106	5.42E+01	2.78E+01	9.11E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Se-75	-7.71E+00	4.08E+00	1.09E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Ag-108m	2.11E+00	2.44E+00	8.40E+00	U
TF	OFS 2-G	522121	009	9/21/2020	Ag-110m	-5.76E-01	4.20E+00	1.34E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Th-228	1.67E+01	1.70E+01	2.16E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Zn-65	1.84E+00	6.98E+00	2.30E+01	U
TF	OFS 2-G	522121	009	9/21/2020	Zr-95	4.96E+00	4.78E+00	1.67E+01	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 4-V	513794	001	6/16/20	Ac-228	-2.01E+01	2.55E+01	6.93E+01	U
TV	ONS 4-V	513794	001	6/16/20	Sb-124	3.20E+00	8.90E+00	3.03E+01	U
TV	ONS 4-V	513794	001	6/16/20	Sb-125	-1.63E+01	1.12E+01	3.21E+01	U
TV	ONS 4-V	513794	001	6/16/20	Ba-140	-5.13E+00	1.71E+01	5.38E+01	U
TV	ONS 4-V	513794	001	6/16/20	Be-7	2.61E+02	7.56E+01	1.00E+02	
TV	ONS 4-V	513794	001	6/16/20	Ce-141	-1.72E+01	7.77E+00	1.78E+01	U
TV	ONS 4-V	513794	001	6/16/20	Ce-144	-1.06E-01	2.11E+01	6.69E+01	U
TV	ONS 4-V	513794	001	6/16/20	Cs-134	7.80E+00	6.74E+00	1.59E+01	U
TV	ONS 4-V	513794	001	6/16/20	Cs-137	9.56E+00	4.44E+00	1.45E+01	U
TV	ONS 4-V	513794	001	6/16/20	Cr-51	-2.55E+01	3.27E+01	1.04E+02	U
TV	ONS 4-V	513794	001	6/16/20	Co-57	-1.06E+00	2.70E+00	8.46E+00	U
TV	ONS 4-V	513794	001	6/16/20	Co-58	-1.72E+00	4.08E+00	1.33E+01	U
TV	ONS 4-V	513794	001	6/16/20	Co-60	-2.79E+00	4.98E+00	1.61E+01	U
TV	ONS 4-V	513794	001	6/16/20	I-131	1.21E+00	4.67E+00	1.56E+01	U
TV	ONS 4-V	513794	001	6/16/20	Fe-59	2.45E+01	1.06E+01	3.35E+01	U
TV	ONS 4-V	513794	001	6/16/20	La-140	-1.14E+01	6.36E+00	1.60E+01	U
TV	ONS 4-V	513794	001	6/16/20	Mn-54	-1.00E+00	4.26E+00	1.40E+01	U
TV	ONS 4-V	513794	001	6/16/20	Nb-95	-4.44E+00	4.64E+00	1.17E+01	U
TV	ONS 4-V	513794	001	6/16/20	K-40	4.96E+03	3.05E+02	1.12E+02	
TV	ONS 4-V	513794	001	6/16/20	Ru-103	4.76E-01	3.55E+00	1.15E+01	U
TV	ONS 4-V	513794	001	6/16/20	Ru-106	-5.60E-01	3.75E+01	1.19E+02	U
TV	ONS 4-V	513794	001	6/16/20	Se-75	7.80E-01	4.53E+00	1.54E+01	U
TV	ONS 4-V	513794	001	6/16/20	Ag-108m	9.11E+00	4.73E+00	1.20E+01	U
TV	ONS 4-V	513794	001	6/16/20	Ag-110m	-2.13E-01	6.17E+00	1.79E+01	U
TV	ONS 4-V	513794	001	6/16/20	Th-228	2.06E+01	1.09E+01	1.89E+01	UI
TV	ONS 4-V	513794	001	6/16/20	Zn-65	-4.60E+00	1.07E+01	3.36E+01	U
TV	ONS 4-V	513794	001	6/16/20	Zr-95	5.33E+00	6.70E+00	2.30E+01	U
TV	ONS 4-V	513794	002	6/16/20	Ac-228	-1.02E+01	1.65E+01	4.46E+01	U
TV	ONS 4-V	513794	002	6/16/20	Sb-124	-4.17E+00	6.00E+00	1.74E+01	U
TV	ONS 4-V	513794	002	6/16/20	Sb-125	1.92E-02	7.43E+00	2.50E+01	U
TV	ONS 4-V	513794	002	6/16/20	Ba-140	1.49E+01	1.13E+01	3.84E+01	U
TV	ONS 4-V	513794	002	6/16/20	Be-7	2.72E+02	5.73E+01	7.17E+01	
TV	ONS 4-V	513794	002	6/16/20	Ce-141	-8.44E+00	5.45E+00	1.27E+01	U
TV	ONS 4-V	513794	002	6/16/20	Ce-144	7.43E+00	1.66E+01	5.45E+01	U
TV	ONS 4-V	513794	002	6/16/20	Cs-134	4.18E+00	3.23E+00	1.09E+01	U
TV	ONS 4-V	513794	002	6/16/20	Cs-137	2.60E+00	3.79E+00	1.24E+01	U
TV	ONS 4-V	513794	002	6/16/20	Cr-51	-1.37E+01	2.10E+01	6.91E+01	U
TV	ONS 4-V	513794	002	6/16/20	Co-57	1.36E+00	2.26E+00	7.46E+00	U
TV	ONS 4-V	513794	002	6/16/20	Co-58	-7.37E-01	2.70E+00	8.48E+00	U
TV	ONS 4-V	513794	002	6/16/20	Co-60	-6.33E+00	3.67E+00	9.22E+00	U
TV	ONS 4-V	513794	002	6/16/20	I-131	-2.80E+00	3.32E+00	1.06E+01	U
TV	ONS 4-V	513794	002	6/16/20	Fe-59	1.28E+01	6.88E+00	1.93E+01	U
TV	ONS 4-V	513794	002	6/16/20	La-140	5.77E-01	3.89E+00	1.29E+01	U
TV	ONS 4-V	513794	002	6/16/20	Mn-54	-2.64E+00	3.22E+00	9.54E+00	U
TV	ONS 4-V	513794	002	6/16/20	Nb-95	2.65E+00	3.30E+00	1.10E+01	U
TV	ONS 4-V	513794	002	6/16/20	K-40	3.40E+03	2.43E+02	8.43E+01	
TV	ONS 4-V	513794	002	6/16/20	Ru-103	6.51E-01	2.32E+00	7.84E+00	U
TV	ONS 4-V	513794	002	6/16/20	Ru-106	-2.71E+01	2.60E+01	7.73E+01	U
TV	ONS 4-V	513794	002	6/16/20	Se-75	8.35E+00	4.16E+00	1.26E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 4-V	513794	002	6/16/20	Ag-108m	-2.48E-01	2.37E+00	7.92E+00	U
TV	ONS 4-V	513794	002	6/16/20	Ag-110m	-9.94E+00	5.23E+00	1.27E+01	U
TV	ONS 4-V	513794	002	6/16/20	Th-228	1.57E-01	9.98E+00	2.04E+01	U
TV	ONS 4-V	513794	002	6/16/20	Zn-65	-1.26E+01	8.78E+00	2.22E+01	U
TV	ONS 4-V	513794	002	6/16/20	Zr-95	-9.08E-01	4.51E+00	1.43E+01	U
TV	ONS 4-V	513794	003	6/16/20	Ac-228	3.56E+01	2.93E+01	5.62E+01	U
TV	ONS 4-V	513794	003	6/16/20	Sb-124	8.85E+00	6.43E+00	2.41E+01	U
TV	ONS 4-V	513794	003	6/16/20	Sb-125	4.15E+01	2.01E+01	2.90E+01	UI
TV	ONS 4-V	513794	003	6/16/20	Ba-140	-1.06E+01	1.37E+01	4.29E+01	U
TV	ONS 4-V	513794	003	6/16/20	Be-7	6.45E+02	7.86E+01	8.87E+01	
TV	ONS 4-V	513794	003	6/16/20	Ce-141	7.50E+00	7.32E+00	1.49E+01	U
TV	ONS 4-V	513794	003	6/16/20	Ce-144	-7.17E+00	1.77E+01	5.62E+01	U
TV	ONS 4-V	513794	003	6/16/20	Cs-134	2.08E+00	3.60E+00	1.21E+01	U
TV	ONS 4-V	513794	003	6/16/20	Cs-137	-3.68E-01	3.90E+00	1.28E+01	U
TV	ONS 4-V	513794	003	6/16/20	Cr-51	1.77E-01	2.63E+01	9.04E+01	U
TV	ONS 4-V	513794	003	6/16/20	Co-57	-1.85E+00	2.35E+00	7.29E+00	U
TV	ONS 4-V	513794	003	6/16/20	Co-58	3.00E+00	3.87E+00	1.30E+01	U
TV	ONS 4-V	513794	003	6/16/20	Co-60	6.99E+00	7.95E+00	1.63E+01	U
TV	ONS 4-V	513794	003	6/16/20	I-131	-1.52E-02	3.71E+00	1.27E+01	U
TV	ONS 4-V	513794	003	6/16/20	Fe-59	5.33E+00	7.28E+00	2.42E+01	U
TV	ONS 4-V	513794	003	6/16/20	La-140	-1.36E+00	4.07E+00	1.29E+01	U
TV	ONS 4-V	513794	003	6/16/20	Mn-54	2.66E+00	3.57E+00	1.20E+01	U
TV	ONS 4-V	513794	003	6/16/20	Nb-95	6.02E+00	3.74E+00	1.26E+01	U
TV	ONS 4-V	513794	003	6/16/20	K-40	2.70E+03	1.97E+02	8.72E+01	
TV	ONS 4-V	513794	003	6/16/20	Ru-103	4.65E-01	3.29E+00	1.11E+01	U
TV	ONS 4-V	513794	003	6/16/20	Ru-106	-1.76E+01	3.23E+01	1.02E+02	U
TV	ONS 4-V	513794	003	6/16/20	Se-75	-2.65E+00	4.25E+00	1.28E+01	U
TV	ONS 4-V	513794	003	6/16/20	Ag-108m	1.39E+00	3.50E+00	1.06E+01	U
TV	ONS 4-V	513794	003	6/16/20	Ag-110m	-3.20E+00	5.04E+00	1.53E+01	U
TV	ONS 4-V	513794	003	6/16/20	Th-228	1.23E+01	1.10E+01	1.75E+01	U
TV	ONS 4-V	513794	003	6/16/20	Zn-65	1.42E+01	9.10E+00	3.04E+01	U
TV	ONS 4-V	513794	003	6/16/20	Zr-95	7.74E-01	5.29E+00	1.75E+01	U
TV	ONS 5-V	513794	004	6/16/20	Ac-228	2.74E+01	3.46E+01	9.60E+01	U
TV	ONS 5-V	513794	004	6/16/20	Sb-124	-1.08E+01	1.37E+01	3.58E+01	U
TV	ONS 5-V	513794	004	6/16/20	Sb-125	-9.33E+00	1.20E+01	3.86E+01	U
TV	ONS 5-V	513794	004	6/16/20	Ba-140	-2.39E-01	2.00E+01	6.70E+01	U
TV	ONS 5-V	513794	004	6/16/20	Be-7	1.07E+03	1.11E+02	1.15E+02	
TV	ONS 5-V	513794	004	6/16/20	Ce-141	-3.82E+00	7.00E+00	2.26E+01	U
TV	ONS 5-V	513794	004	6/16/20	Ce-144	-4.21E+01	2.89E+01	8.55E+01	U
TV	ONS 5-V	513794	004	6/16/20	Cs-134	3.26E-02	5.71E+00	1.86E+01	U
TV	ONS 5-V	513794	004	6/16/20	Cs-137	-2.14E-01	5.71E+00	1.88E+01	U
TV	ONS 5-V	513794	004	6/16/20	Cr-51	-6.15E+01	4.60E+01	1.27E+02	U
TV	ONS 5-V	513794	004	6/16/20	Co-57	1.24E+00	3.40E+00	1.15E+01	U
TV	ONS 5-V	513794	004	6/16/20	Co-58	2.95E-01	5.45E+00	1.78E+01	U
TV	ONS 5-V	513794	004	6/16/20	Co-60	2.63E+00	6.28E+00	2.17E+01	U
TV	ONS 5-V	513794	004	6/16/20	I-131	8.06E+00	6.35E+00	2.04E+01	U
TV	ONS 5-V	513794	004	6/16/20	Fe-59	2.43E+00	1.10E+01	3.80E+01	U
TV	ONS 5-V	513794	004	6/16/20	La-140	-1.73E+01	1.02E+01	1.84E+01	U
TV	ONS 5-V	513794	004	6/16/20	Mn-54	1.76E+00	5.34E+00	1.77E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 5-V	513794	004	6/16/20	Nb-95	1.25E+01	6.01E+00	2.00E+01	U
TV	ONS 5-V	513794	004	6/16/20	K-40	6.39E+03	4.39E+02	1.57E+02	
TV	ONS 5-V	513794	004	6/16/20	Ru-103	9.84E-02	4.49E+00	1.52E+01	U
TV	ONS 5-V	513794	004	6/16/20	Ru-106	-2.18E+01	4.47E+01	1.42E+02	U
TV	ONS 5-V	513794	004	6/16/20	Se-75	1.24E+01	6.61E+00	2.08E+01	U
TV	ONS 5-V	513794	004	6/16/20	Ag-108m	2.47E+00	4.60E+00	1.59E+01	U
TV	ONS 5-V	513794	004	6/16/20	Ag-110m	-3.70E+00	7.64E+00	2.34E+01	U
TV	ONS 5-V	513794	004	6/16/20	Th-228	1.48E+01	1.57E+01	3.47E+01	U
TV	ONS 5-V	513794	004	6/16/20	Zn-65	-1.51E+01	1.39E+01	3.83E+01	U
TV	ONS 5-V	513794	004	6/16/20	Zr-95	7.54E+00	8.75E+00	3.00E+01	U
TV	ONS 5-V	513794	005	6/16/20	Ac-228	4.06E+01	5.10E+01	1.08E+02	U
TV	ONS 5-V	513794	005	6/16/20	Sb-124	4.29E+00	1.41E+01	4.76E+01	U
TV	ONS 5-V	513794	005	6/16/20	Sb-125	1.66E+01	1.40E+01	4.83E+01	U
TV	ONS 5-V	513794	005	6/16/20	Ba-140	8.00E+00	2.42E+01	8.12E+01	U
TV	ONS 5-V	513794	005	6/16/20	Be-7	5.70E+02	1.12E+02	1.51E+02	
TV	ONS 5-V	513794	005	6/16/20	Ce-141	-1.81E-01	8.82E+00	2.60E+01	U
TV	ONS 5-V	513794	005	6/16/20	Ce-144	-7.30E+01	3.88E+01	1.03E+02	U
TV	ONS 5-V	513794	005	6/16/20	Cs-134	1.17E+01	8.02E+00	2.47E+01	U
TV	ONS 5-V	513794	005	6/16/20	Cs-137	5.52E-01	6.44E+00	2.11E+01	U
TV	ONS 5-V	513794	005	6/16/20	Cr-51	-1.26E+01	4.92E+01	1.66E+02	U
TV	ONS 5-V	513794	005	6/16/20	Co-57	-2.43E+00	4.47E+00	1.40E+01	U
TV	ONS 5-V	513794	005	6/16/20	Co-58	7.58E+00	6.06E+00	2.04E+01	U
TV	ONS 5-V	513794	005	6/16/20	Co-60	1.25E+01	7.59E+00	2.66E+01	U
TV	ONS 5-V	513794	005	6/16/20	I-131	3.53E+00	7.23E+00	2.48E+01	U
TV	ONS 5-V	513794	005	6/16/20	Fe-59	1.30E+01	1.27E+01	4.45E+01	U
TV	ONS 5-V	513794	005	6/16/20	La-140	-1.73E+00	7.14E+00	2.27E+01	U
TV	ONS 5-V	513794	005	6/16/20	Mn-54	1.19E+00	5.90E+00	1.92E+01	U
TV	ONS 5-V	513794	005	6/16/20	Nb-95	-9.85E+00	8.24E+00	1.81E+01	U
TV	ONS 5-V	513794	005	6/16/20	K-40	4.28E+03	3.71E+02	1.61E+02	
TV	ONS 5-V	513794	005	6/16/20	Ru-103	-4.02E+00	5.09E+00	1.58E+01	U
TV	ONS 5-V	513794	005	6/16/20	Ru-106	7.20E+01	6.38E+01	1.96E+02	U
TV	ONS 5-V	513794	005	6/16/20	Se-75	3.18E+00	6.58E+00	2.29E+01	U
TV	ONS 5-V	513794	005	6/16/20	Ag-108m	-4.44E+00	4.64E+00	1.43E+01	U
TV	ONS 5-V	513794	005	6/16/20	Ag-110m	-7.83E+00	8.39E+00	2.41E+01	U
TV	ONS 5-V	513794	005	6/16/20	Th-228	2.99E+01	1.90E+01	4.24E+01	U
TV	ONS 5-V	513794	005	6/16/20	Zn-65	-1.13E+01	1.39E+01	4.34E+01	U
TV	ONS 5-V	513794	005	6/16/20	Zr-95	4.24E+00	8.55E+00	2.87E+01	U
TV	ONS 5-V	513794	006	6/16/20	Ac-228	-2.13E+01	2.12E+01	6.04E+01	U
TV	ONS 5-V	513794	006	6/16/20	Sb-124	-3.08E+00	8.04E+00	2.53E+01	U
TV	ONS 5-V	513794	006	6/16/20	Sb-125	-1.08E+01	1.07E+01	3.18E+01	U
TV	ONS 5-V	513794	006	6/16/20	Ba-140	-2.80E+00	1.79E+01	5.67E+01	U
TV	ONS 5-V	513794	006	6/16/20	Be-7	2.39E+02	7.55E+01	1.02E+02	
TV	ONS 5-V	513794	006	6/16/20	Ce-141	3.58E+00	1.12E+01	1.57E+01	U
TV	ONS 5-V	513794	006	6/16/20	Ce-144	-1.17E+01	1.96E+01	5.88E+01	U
TV	ONS 5-V	513794	006	6/16/20	Cs-134	-1.62E-01	5.13E+00	1.71E+01	U
TV	ONS 5-V	513794	006	6/16/20	Cs-137	3.84E+00	4.70E+00	1.63E+01	U
TV	ONS 5-V	513794	006	6/16/20	Cr-51	8.88E+01	3.53E+01	9.28E+01	U
TV	ONS 5-V	513794	006	6/16/20	Co-57	1.94E+00	2.45E+00	7.76E+00	U
TV	ONS 5-V	513794	006	6/16/20	Co-58	5.09E-01	4.52E+00	1.52E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 5-V	513794	006	6/16/20	Co-60	1.17E-01	3.59E+00	1.16E+01	U
TV	ONS 5-V	513794	006	6/16/20	I-131	6.47E-01	4.42E+00	1.46E+01	U
TV	ONS 5-V	513794	006	6/16/20	Fe-59	6.68E+00	1.03E+01	3.48E+01	U
TV	ONS 5-V	513794	006	6/16/20	La-140	-1.82E+01	7.04E+00	1.18E+01	U
TV	ONS 5-V	513794	006	6/16/20	Mn-54	-2.58E+00	4.38E+00	1.39E+01	U
TV	ONS 5-V	513794	006	6/16/20	Nb-95	-8.37E+00	6.16E+00	1.37E+01	U
TV	ONS 5-V	513794	006	6/16/20	K-40	2.61E+03	2.05E+02	1.33E+02	
TV	ONS 5-V	513794	006	6/16/20	Ru-103	-1.73E+00	3.46E+00	1.07E+01	U
TV	ONS 5-V	513794	006	6/16/20	Ru-106	2.72E+01	3.69E+01	1.29E+02	U
TV	ONS 5-V	513794	006	6/16/20	Se-75	-9.07E-01	4.26E+00	1.41E+01	U
TV	ONS 5-V	513794	006	6/16/20	Ag-108m	-2.03E+00	2.98E+00	9.10E+00	U
TV	ONS 5-V	513794	006	6/16/20	Ag-110m	-5.96E+00	7.02E+00	2.16E+01	U
TV	ONS 5-V	513794	006	6/16/20	Th-228	-2.92E+00	8.22E+00	2.40E+01	U
TV	ONS 5-V	513794	006	6/16/20	Zn-65	-7.14E-01	1.08E+01	3.51E+01	U
TV	ONS 5-V	513794	006	6/16/20	Zr-95	5.21E+00	7.32E+00	2.54E+01	U
TV	OFS 1-V	513794	007	6/16/20	Ac-228	-2.06E+01	2.48E+01	7.88E+01	U
TV	OFS 1-V	513794	007	6/16/20	Sb-124	1.47E+00	1.23E+01	4.25E+01	U
TV	OFS 1-V	513794	007	6/16/20	Sb-125	8.15E+00	1.14E+01	3.99E+01	U
TV	OFS 1-V	513794	007	6/16/20	Ba-140	9.72E+00	2.46E+01	8.36E+01	U
TV	OFS 1-V	513794	007	6/16/20	Be-7	6.65E+02	1.08E+02	1.32E+02	
TV	OFS 1-V	513794	007	6/16/20	Ce-141	-1.31E+01	8.85E+00	2.58E+01	U
TV	OFS 1-V	513794	007	6/16/20	Ce-144	1.30E+00	3.22E+01	1.10E+02	U
TV	OFS 1-V	513794	007	6/16/20	Cs-134	7.75E+00	7.01E+00	2.46E+01	U
TV	OFS 1-V	513794	007	6/16/20	Cs-137	-4.58E+00	6.85E+00	2.06E+01	U
TV	OFS 1-V	513794	007	6/16/20	Cr-51	1.94E+01	5.09E+01	1.73E+02	U
TV	OFS 1-V	513794	007	6/16/20	Co-57	2.94E+00	4.39E+00	1.52E+01	U
TV	OFS 1-V	513794	007	6/16/20	Co-58	-1.39E+00	5.66E+00	1.77E+01	U
TV	OFS 1-V	513794	007	6/16/20	Co-60	-1.95E+01	8.70E+00	1.55E+01	U
TV	OFS 1-V	513794	007	6/16/20	I-131	1.04E+01	1.02E+01	3.52E+01	U
TV	OFS 1-V	513794	007	6/16/20	Fe-59	-1.51E+01	1.60E+01	4.40E+01	U
TV	OFS 1-V	513794	007	6/16/20	La-140	1.46E+01	1.17E+01	4.39E+01	U
TV	OFS 1-V	513794	007	6/16/20	Mn-54	8.36E+00	6.29E+00	2.22E+01	U
TV	OFS 1-V	513794	007	6/16/20	Nb-95	-6.57E+00	5.87E+00	1.57E+01	U
TV	OFS 1-V	513794	007	6/16/20	K-40	3.10E+02	1.43E+02	4.98E+02	U
TV	OFS 1-V	513794	007	6/16/20	Ru-103	2.59E+00	6.05E+00	2.05E+01	U
TV	OFS 1-V	513794	007	6/16/20	Ru-106	2.05E+01	4.51E+01	1.54E+02	U
TV	OFS 1-V	513794	007	6/16/20	Se-75	1.15E+01	8.50E+00	2.89E+01	U
TV	OFS 1-V	513794	007	6/16/20	Ag-108m	3.26E+00	5.01E+00	1.72E+01	U
TV	OFS 1-V	513794	007	6/16/20	Ag-110m	6.20E+00	6.07E+00	2.22E+01	U
TV	OFS 1-V	513794	007	6/16/20	Th-228	-3.00E+00	1.25E+01	4.32E+01	U
TV	OFS 1-V	513794	007	6/16/20	Zn-65	-7.93E+00	1.47E+01	4.33E+01	U
TV	OFS 1-V	513794	007	6/16/20	Zr-95	1.20E+01	8.24E+00	3.05E+01	U
TV	ONS R	518709	001	8/12/20	Ac-228	1.06E+02	6.23E+01	7.82E+01	UI
TV	ONS R	518709	001	8/12/20	Sb-124	-6.38E+00	7.34E+00	1.85E+01	U
TV	ONS R	518709	001	8/12/20	Sb-125	-7.84E-01	9.86E+00	3.23E+01	U
TV	ONS R	518709	001	8/12/20	Ba-140	-1.98E+01	1.71E+01	4.75E+01	U
TV	ONS R	518709	001	8/12/20	Be-7	7.60E+02	8.24E+01	1.01E+02	
TV	ONS R	518709	001	8/12/20	Ce-141	1.65E+00	6.32E+00	1.61E+01	U
TV	ONS R	518709	001	8/12/20	Ce-144	-1.19E+01	2.12E+01	6.35E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS R	518709	001	8/12/20	Cs-134	-7.53E+00	5.93E+00	1.32E+01	U
TV	ONS R	518709	001	8/12/20	Cs-137	3.12E+00	4.62E+00	1.54E+01	U
TV	ONS R	518709	001	8/12/20	Cr-51	-6.51E+00	2.97E+01	9.77E+01	U
TV	ONS R	518709	001	8/12/20	Co-57	3.98E-01	2.90E+00	9.16E+00	U
TV	ONS R	518709	001	8/12/20	Co-58	9.74E-01	4.55E+00	1.32E+01	U
TV	ONS R	518709	001	8/12/20	Co-60	-6.05E-03	3.65E+00	1.20E+01	U
TV	ONS R	518709	001	8/12/20	I-131	-8.93E+00	6.22E+00	1.75E+01	U
TV	ONS R	518709	001	8/12/20	Fe-59	-2.42E-01	9.66E+00	3.22E+01	U
TV	ONS R	518709	001	8/12/20	La-140	2.19E+00	5.52E+00	1.90E+01	U
TV	ONS R	518709	001	8/12/20	Mn-54	2.29E+00	4.08E+00	1.43E+01	U
TV	ONS R	518709	001	8/12/20	Nb-95	5.05E-01	4.75E+00	1.52E+01	U
TV	ONS R	518709	001	8/12/20	K-40	4.03E+03	3.01E+02	1.42E+02	
TV	ONS R	518709	001	8/12/20	Ru-103	2.24E+00	4.06E+00	1.37E+01	U
TV	ONS R	518709	001	8/12/20	Ru-106	3.90E+01	3.84E+01	1.30E+02	U
TV	ONS R	518709	001	8/12/20	Se-75	5.87E+00	4.48E+00	1.54E+01	U
TV	ONS R	518709	001	8/12/20	Ag-108m	-3.84E+00	3.21E+00	9.16E+00	U
TV	ONS R	518709	001	8/12/20	Ag-110m	7.77E+00	5.70E+00	2.04E+01	U
TV	ONS R	518709	001	8/12/20	Th-228	3.06E+00	1.13E+01	2.66E+01	U
TV	ONS R	518709	001	8/12/20	Zn-65	-2.37E+00	1.16E+01	3.32E+01	U
TV	ONS R	518709	001	8/12/20	Zr-95	-1.09E+00	7.24E+00	2.27E+01	U
TV	ONS R	518709	002	8/12/20	Ac-228	2.93E+01	2.24E+01	5.84E+01	U
TV	ONS R	518709	002	8/12/20	Sb-124	-1.42E+00	5.07E+00	1.55E+01	U
TV	ONS R	518709	002	8/12/20	Sb-125	2.69E-01	7.55E+00	2.54E+01	U
TV	ONS R	518709	002	8/12/20	Ba-140	1.16E+01	1.34E+01	4.63E+01	U
TV	ONS R	518709	002	8/12/20	Be-7	2.33E+03	1.40E+02	6.88E+01	
TV	ONS R	518709	002	8/12/20	Ce-141	-1.27E+01	6.07E+00	1.44E+01	U
TV	ONS R	518709	002	8/12/20	Ce-144	1.62E+01	1.96E+01	5.97E+01	U
TV	ONS R	518709	002	8/12/20	Cs-134	5.34E+00	3.77E+00	1.29E+01	U
TV	ONS R	518709	002	8/12/20	Cs-137	3.57E+00	3.62E+00	1.23E+01	U
TV	ONS R	518709	002	8/12/20	Cr-51	-1.29E+00	2.73E+01	9.29E+01	U
TV	ONS R	518709	002	8/12/20	Co-57	-2.24E+00	2.58E+00	7.81E+00	U
TV	ONS R	518709	002	8/12/20	Co-58	-2.83E+00	3.33E+00	9.65E+00	U
TV	ONS R	518709	002	8/12/20	Co-60	-2.84E+00	2.99E+00	8.40E+00	U
TV	ONS R	518709	002	8/12/20	I-131	-5.44E-01	4.67E+00	1.57E+01	U
TV	ONS R	518709	002	8/12/20	Fe-59	6.98E+00	7.48E+00	2.65E+01	U
TV	ONS R	518709	002	8/12/20	La-140	-4.02E+00	3.69E+00	8.90E+00	U
TV	ONS R	518709	002	8/12/20	Mn-54	4.44E-01	2.54E+00	7.46E+00	U
TV	ONS R	518709	002	8/12/20	Nb-95	-1.26E+00	3.11E+00	9.62E+00	U
TV	ONS R	518709	002	8/12/20	K-40	2.78E+03	2.24E+02	9.16E+01	
TV	ONS R	518709	002	8/12/20	Ru-103	-5.21E+00	3.24E+00	8.73E+00	U
TV	ONS R	518709	002	8/12/20	Ru-106	-1.07E+01	2.29E+01	7.13E+01	U
TV	ONS R	518709	002	8/12/20	Se-75	8.15E-01	4.09E+00	1.42E+01	U
TV	ONS R	518709	002	8/12/20	Ag-108m	1.42E+00	2.85E+00	9.74E+00	U
TV	ONS R	518709	002	8/12/20	Ag-110m	-4.86E+00	3.63E+00	8.84E+00	U
TV	ONS R	518709	002	8/12/20	Th-228	1.16E+01	9.41E+00	2.08E+01	U
TV	ONS R	518709	002	8/12/20	Zn-65	-6.98E-01	7.14E+00	2.39E+01	U
TV	ONS R	518709	002	8/12/20	Zr-95	-1.80E+00	4.93E+00	1.50E+01	U
TV	ONS 4-V	522121	001	9/21/20	Ac-228	-2.44E+01	2.29E+01	5.97E+01	U
TV	ONS 4-V	522121	001	9/21/20	Sb-124	1.68E+01	9.30E+00	3.35E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 4-V	522121	001	9/21/20	Sb-125	-6.89E+00	1.04E+01	3.39E+01	U
TV	ONS 4-V	522121	001	9/21/20	Ba-140	8.73E+00	1.55E+01	5.28E+01	U
TV	ONS 4-V	522121	001	9/21/20	Be-7	1.89E+03	1.33E+02	1.10E+02	
TV	ONS 4-V	522121	001	9/21/20	Ce-141	-1.48E+01	8.37E+00	1.98E+01	U
TV	ONS 4-V	522121	001	9/21/20	Ce-144	5.19E+01	2.69E+01	8.25E+01	U
TV	ONS 4-V	522121	001	9/21/20	Cs-134	-6.51E+00	4.95E+00	1.40E+01	U
TV	ONS 4-V	522121	001	9/21/20	Cs-137	4.70E+00	4.25E+00	1.44E+01	U
TV	ONS 4-V	522121	001	9/21/20	Cr-51	-2.71E+01	3.20E+01	1.04E+02	U
TV	ONS 4-V	522121	001	9/21/20	Co-57	-4.17E-02	3.05E+00	9.83E+00	U
TV	ONS 4-V	522121	001	9/21/20	Co-58	4.30E+00	4.41E+00	1.43E+01	U
TV	ONS 4-V	522121	001	9/21/20	Co-60	-1.60E-01	3.85E+00	1.30E+01	U
TV	ONS 4-V	522121	001	9/21/20	I-131	1.50E+00	4.84E+00	1.66E+01	U
TV	ONS 4-V	522121	001	9/21/20	Fe-59	6.08E+00	8.14E+00	2.71E+01	U
TV	ONS 4-V	522121	001	9/21/20	La-140	-2.42E+01	1.25E+01	1.25E+01	U
TV	ONS 4-V	522121	001	9/21/20	Mn-54	1.08E+00	3.65E+00	1.21E+01	U
TV	ONS 4-V	522121	001	9/21/20	Nb-95	-7.34E+00	5.60E+00	1.35E+01	U
TV	ONS 4-V	522121	001	9/21/20	K-40	2.54E+03	2.02E+02	1.23E+02	
TV	ONS 4-V	522121	001	9/21/20	Ru-103	2.47E+00	3.77E+00	1.29E+01	U
TV	ONS 4-V	522121	001	9/21/20	Ru-106	4.09E+01	3.80E+01	1.28E+02	U
TV	ONS 4-V	522121	001	9/21/20	Se-75	2.92E+00	5.24E+00	1.66E+01	U
TV	ONS 4-V	522121	001	9/21/20	Ag-108m	-3.64E+00	3.42E+00	1.06E+01	U
TV	ONS 4-V	522121	001	9/21/20	Ag-110m	7.24E+00	5.27E+00	1.78E+01	U
TV	ONS 4-V	522121	001	9/21/20	Th-228	-4.90E+00	9.00E+00	2.65E+01	U
TV	ONS 4-V	522121	001	9/21/20	Zn-65	-1.15E+00	8.54E+00	2.70E+01	U
TV	ONS 4-V	522121	001	9/21/20	Zr-95	-5.19E+00	7.31E+00	1.97E+01	U
TV	ONS 4-V	522121	002	9/21/20	Ac-228	-2.36E+00	2.23E+01	6.80E+01	U
TV	ONS 4-V	522121	002	9/21/20	Sb-124	-1.81E+00	9.16E+00	2.95E+01	U
TV	ONS 4-V	522121	002	9/21/20	Sb-125	2.08E+00	1.01E+01	3.44E+01	U
TV	ONS 4-V	522121	002	9/21/20	Ba-140	-2.32E+01	1.78E+01	5.18E+01	U
TV	ONS 4-V	522121	002	9/21/20	Be-7	1.98E+03	1.41E+02	1.03E+02	
TV	ONS 4-V	522121	002	9/21/20	Ce-141	-4.76E+00	5.95E+00	1.83E+01	U
TV	ONS 4-V	522121	002	9/21/20	Ce-144	3.25E+00	2.14E+01	6.99E+01	U
TV	ONS 4-V	522121	002	9/21/20	Cs-134	2.62E+00	4.58E+00	1.54E+01	U
TV	ONS 4-V	522121	002	9/21/20	Cs-137	5.31E+00	4.91E+00	1.66E+01	U
TV	ONS 4-V	522121	002	9/21/20	Cr-51	2.19E+01	3.35E+01	1.17E+02	U
TV	ONS 4-V	522121	002	9/21/20	Co-57	6.79E-01	2.85E+00	9.35E+00	U
TV	ONS 4-V	522121	002	9/21/20	Co-58	6.45E+00	3.66E+00	1.26E+01	U
TV	ONS 4-V	522121	002	9/21/20	Co-60	1.11E+01	5.01E+00	1.75E+01	U
TV	ONS 4-V	522121	002	9/21/20	I-131	4.23E+00	4.80E+00	1.67E+01	U
TV	ONS 4-V	522121	002	9/21/20	Fe-59	-5.96E-01	8.28E+00	2.61E+01	U
TV	ONS 4-V	522121	002	9/21/20	La-140	-1.30E+01	6.65E+00	1.45E+01	U
TV	ONS 4-V	522121	002	9/21/20	Mn-54	1.74E+01	8.77E+00	1.36E+01	UI
TV	ONS 4-V	522121	002	9/21/20	Nb-95	6.62E+00	4.30E+00	1.45E+01	U
TV	ONS 4-V	522121	002	9/21/20	K-40	2.15E+03	1.85E+02	1.10E+02	
TV	ONS 4-V	522121	002	9/21/20	Ru-103	1.38E+01	9.33E+00	1.32E+01	UI
TV	ONS 4-V	522121	002	9/21/20	Ru-106	6.52E+01	4.26E+01	1.43E+02	U
TV	ONS 4-V	522121	002	9/21/20	Se-75	2.20E+00	4.81E+00	1.54E+01	U
TV	ONS 4-V	522121	002	9/21/20	Ag-108m	-9.88E-01	3.22E+00	1.07E+01	U
TV	ONS 4-V	522121	002	9/21/20	Ag-110m	9.92E+00	5.43E+00	1.86E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 4-V	522121	002	9/21/20	Th-228	1.38E+01	1.27E+01	2.90E+01	U
TV	ONS 4-V	522121	002	9/21/20	Zn-65	2.44E+00	9.83E+00	2.85E+01	U
TV	ONS 4-V	522121	002	9/21/20	Zr-95	-5.86E+00	7.20E+00	2.16E+01	U
TV	ONS 4-V	522121	003	9/21/20	Ac-228	1.83E+01	4.71E+01	8.00E+01	U
TV	ONS 4-V	522121	003	9/21/20	Sb-124	-2.48E+00	1.41E+01	3.84E+01	U
TV	ONS 4-V	522121	003	9/21/20	Sb-125	1.48E+01	1.34E+01	4.49E+01	U
TV	ONS 4-V	522121	003	9/21/20	Ba-140	-1.58E+01	2.14E+01	6.56E+01	U
TV	ONS 4-V	522121	003	9/21/20	Be-7	3.76E+03	2.20E+02	1.37E+02	
TV	ONS 4-V	522121	003	9/21/20	Ce-141	3.51E+00	6.47E+00	2.05E+01	U
TV	ONS 4-V	522121	003	9/21/20	Ce-144	2.32E+01	2.36E+01	7.49E+01	U
TV	ONS 4-V	522121	003	9/21/20	Cs-134	4.26E-01	6.06E+00	2.07E+01	U
TV	ONS 4-V	522121	003	9/21/20	Cs-137	1.08E+00	5.08E+00	1.65E+01	U
TV	ONS 4-V	522121	003	9/21/20	Cr-51	-2.46E+01	3.98E+01	1.29E+02	U
TV	ONS 4-V	522121	003	9/21/20	Co-57	3.17E+00	3.08E+00	9.81E+00	U
TV	ONS 4-V	522121	003	9/21/20	Co-58	-6.44E+00	4.98E+00	1.47E+01	U
TV	ONS 4-V	522121	003	9/21/20	Co-60	3.85E+00	5.43E+00	1.87E+01	U
TV	ONS 4-V	522121	003	9/21/20	I-131	6.10E+00	6.39E+00	2.15E+01	U
TV	ONS 4-V	522121	003	9/21/20	Fe-59	-5.13E+00	1.21E+01	3.91E+01	U
TV	ONS 4-V	522121	003	9/21/20	La-140	7.94E+00	7.54E+00	2.43E+01	U
TV	ONS 4-V	522121	003	9/21/20	Mn-54	-4.27E+00	5.29E+00	1.67E+01	U
TV	ONS 4-V	522121	003	9/21/20	Nb-95	1.97E+00	5.54E+00	1.79E+01	U
TV	ONS 4-V	522121	003	9/21/20	K-40	2.70E+03	2.47E+02	1.67E+02	
TV	ONS 4-V	522121	003	9/21/20	Ru-103	3.63E+00	4.71E+00	1.58E+01	U
TV	ONS 4-V	522121	003	9/21/20	Ru-106	-2.54E+00	4.46E+01	1.43E+02	U
TV	ONS 4-V	522121	003	9/21/20	Se-75	3.74E+00	5.92E+00	2.02E+01	U
TV	ONS 4-V	522121	003	9/21/20	Ag-108m	3.28E+00	4.01E+00	1.35E+01	U
TV	ONS 4-V	522121	003	9/21/20	Ag-110m	-8.96E+00	6.59E+00	1.88E+01	U
TV	ONS 4-V	522121	003	9/21/20	Th-228	2.62E+00	9.87E+00	3.00E+01	U
TV	ONS 4-V	522121	003	9/21/20	Zn-65	-1.40E+01	1.15E+01	3.31E+01	U
TV	ONS 4-V	522121	003	9/21/20	Zr-95	-5.65E+00	9.18E+00	2.75E+01	U
TV	ONS 5-V	522121	005	9/21/20	Ac-228	-5.91E+01	3.33E+01	8.62E+01	U
TV	ONS 5-V	522121	005	9/21/20	Sb-124	-5.15E-01	1.24E+01	3.97E+01	U
TV	ONS 5-V	522121	005	9/21/20	Sb-125	9.58E+00	1.43E+01	4.85E+01	U
TV	ONS 5-V	522121	005	9/21/20	Ba-140	-2.18E+00	2.20E+01	7.21E+01	U
TV	ONS 5-V	522121	005	9/21/20	Be-7	4.77E+03	2.62E+02	1.40E+02	
TV	ONS 5-V	522121	005	9/21/20	Ce-141	-1.13E+01	7.95E+00	2.31E+01	U
TV	ONS 5-V	522121	005	9/21/20	Ce-144	8.88E+00	2.84E+01	9.34E+01	U
TV	ONS 5-V	522121	005	9/21/20	Cs-134	8.30E+00	6.39E+00	2.12E+01	U
TV	ONS 5-V	522121	005	9/21/20	Cs-137	1.34E+00	1.03E+01	1.63E+01	U
TV	ONS 5-V	522121	005	9/21/20	Cr-51	-4.49E+01	4.40E+01	1.40E+02	U
TV	ONS 5-V	522121	005	9/21/20	Co-57	2.84E+00	3.77E+00	1.25E+01	U
TV	ONS 5-V	522121	005	9/21/20	Co-58	5.83E+00	5.48E+00	1.82E+01	U
TV	ONS 5-V	522121	005	9/21/20	Co-60	3.85E+00	6.06E+00	2.07E+01	U
TV	ONS 5-V	522121	005	9/21/20	I-131	-1.36E+00	6.30E+00	2.11E+01	U
TV	ONS 5-V	522121	005	9/21/20	Fe-59	-1.20E+01	1.17E+01	3.50E+01	U
TV	ONS 5-V	522121	005	9/21/20	La-140	-3.20E+00	6.79E+00	1.73E+01	U
TV	ONS 5-V	522121	005	9/21/20	Mn-54	-4.48E+00	5.48E+00	1.61E+01	U
TV	ONS 5-V	522121	005	9/21/20	Nb-95	-1.97E+00	5.21E+00	1.62E+01	U
TV	ONS 5-V	522121	005	9/21/20	K-40	6.90E+03	4.28E+02	1.26E+02	

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 5-V	522121	005	9/21/20	Ru-103	2.53E+00	4.74E+00	1.60E+01	U
TV	ONS 5-V	522121	005	9/21/20	Ru-106	-7.19E+01	5.11E+01	1.43E+02	U
TV	ONS 5-V	522121	005	9/21/20	Se-75	5.11E+00	7.07E+00	2.24E+01	U
TV	ONS 5-V	522121	005	9/21/20	Ag-108m	6.55E+00	4.51E+00	1.52E+01	U
TV	ONS 5-V	522121	005	9/21/20	Ag-110m	1.14E+01	6.66E+00	2.33E+01	U
TV	ONS 5-V	522121	005	9/21/20	Th-228	1.92E+01	1.75E+01	3.59E+01	U
TV	ONS 5-V	522121	005	9/21/20	Zn-65	-5.03E+00	1.35E+01	4.37E+01	U
TV	ONS 5-V	522121	005	9/21/20	Zr-95	-2.22E+01	1.19E+01	2.97E+01	U
TV	ONS 5-V	522121	006	9/21/20	Ac-228	-2.53E+01	2.10E+01	5.17E+01	U
TV	ONS 5-V	522121	006	9/21/20	Sb-124	7.55E-01	9.64E+00	3.16E+01	U
TV	ONS 5-V	522121	006	9/21/20	Sb-125	4.84E+00	9.70E+00	3.32E+01	U
TV	ONS 5-V	522121	006	9/21/20	Ba-140	9.45E+00	1.74E+01	5.18E+01	U
TV	ONS 5-V	522121	006	9/21/20	Be-7	2.44E+03	1.47E+02	9.78E+01	
TV	ONS 5-V	522121	006	9/21/20	Ce-141	-4.12E+00	5.87E+00	1.67E+01	U
TV	ONS 5-V	522121	006	9/21/20	Ce-144	4.81E+01	2.40E+01	7.46E+01	U
TV	ONS 5-V	522121	006	9/21/20	Cs-134	-1.15E+00	3.63E+00	1.13E+01	U
TV	ONS 5-V	522121	006	9/21/20	Cs-137	2.49E+00	3.84E+00	1.29E+01	U
TV	ONS 5-V	522121	006	9/21/20	Cr-51	3.20E+01	3.17E+01	1.10E+02	U
TV	ONS 5-V	522121	006	9/21/20	Co-57	-1.34E+00	2.88E+00	9.17E+00	U
TV	ONS 5-V	522121	006	9/21/20	Co-58	-1.78E+00	3.84E+00	1.18E+01	U
TV	ONS 5-V	522121	006	9/21/20	Co-60	2.16E+00	3.74E+00	1.30E+01	U
TV	ONS 5-V	522121	006	9/21/20	I-131	-6.38E+00	5.05E+00	1.55E+01	U
TV	ONS 5-V	522121	006	9/21/20	Fe-59	-1.02E+01	7.98E+00	2.31E+01	U
TV	ONS 5-V	522121	006	9/21/20	La-140	-1.35E+00	4.94E+00	1.56E+01	U
TV	ONS 5-V	522121	006	9/21/20	Mn-54	5.62E-01	3.74E+00	1.21E+01	U
TV	ONS 5-V	522121	006	9/21/20	Nb-95	-6.04E+00	5.21E+00	1.02E+01	U
TV	ONS 5-V	522121	006	9/21/20	K-40	3.07E+03	2.50E+02	1.07E+02	
TV	ONS 5-V	522121	006	9/21/20	Ru-103	-2.20E+00	3.62E+00	1.16E+01	U
TV	ONS 5-V	522121	006	9/21/20	Ru-106	1.32E+02	6.50E+01	1.04E+02	UI
TV	ONS 5-V	522121	006	9/21/20	Se-75	-4.30E-01	4.99E+00	1.55E+01	U
TV	ONS 5-V	522121	006	9/21/20	Ag-108m	-4.22E+00	3.05E+00	8.91E+00	U
TV	ONS 5-V	522121	006	9/21/20	Ag-110m	-9.42E+00	5.61E+00	1.38E+01	U
TV	ONS 5-V	522121	006	9/21/20	Th-228	2.43E+00	1.11E+01	2.71E+01	U
TV	ONS 5-V	522121	006	9/21/20	Zn-65	1.58E+01	9.79E+00	3.38E+01	U
TV	ONS 5-V	522121	006	9/21/20	Zr-95	2.45E+00	6.87E+00	2.27E+01	U
TV	ONS 5-V	522121	007	9/21/20	Ac-228	-2.04E+01	2.91E+01	7.58E+01	U
TV	ONS 5-V	522121	007	9/21/20	Sb-124	1.61E+00	1.20E+01	4.07E+01	U
TV	ONS 5-V	522121	007	9/21/20	Sb-125	6.80E+00	1.46E+01	4.83E+01	U
TV	ONS 5-V	522121	007	9/21/20	Ba-140	4.11E+00	2.30E+01	7.44E+01	U
TV	ONS 5-V	522121	007	9/21/20	Be-7	2.47E+03	1.75E+02	1.35E+02	
TV	ONS 5-V	522121	007	9/21/20	Ce-141	-4.29E+01	1.25E+01	1.95E+01	U
TV	ONS 5-V	522121	007	9/21/20	Ce-144	-3.26E+01	2.72E+01	7.71E+01	U
TV	ONS 5-V	522121	007	9/21/20	Cs-134	-9.41E-01	6.39E+00	2.12E+01	U
TV	ONS 5-V	522121	007	9/21/20	Cs-137	9.12E+00	6.37E+00	2.19E+01	U
TV	ONS 5-V	522121	007	9/21/20	Cr-51	-2.64E+01	4.28E+01	1.36E+02	U
TV	ONS 5-V	522121	007	9/21/20	Co-57	-2.82E-01	3.10E+00	9.66E+00	U
TV	ONS 5-V	522121	007	9/21/20	Co-58	-8.86E+00	7.21E+00	1.55E+01	U
TV	ONS 5-V	522121	007	9/21/20	Co-60	-2.87E+00	6.08E+00	1.85E+01	U
TV	ONS 5-V	522121	007	9/21/20	I-131	6.78E+00	6.68E+00	2.23E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 5-V	522121	007	9/21/20	Fe-59	5.86E+00	1.18E+01	3.99E+01	U
TV	ONS 5-V	522121	007	9/21/20	La-140	6.32E+00	7.79E+00	2.78E+01	U
TV	ONS 5-V	522121	007	9/21/20	Mn-54	6.01E+00	6.30E+00	2.17E+01	U
TV	ONS 5-V	522121	007	9/21/20	Nb-95	-1.72E+00	4.92E+00	1.60E+01	U
TV	ONS 5-V	522121	007	9/21/20	K-40	3.32E+03	2.77E+02	1.64E+02	
TV	ONS 5-V	522121	007	9/21/20	Ru-103	-4.35E+00	5.10E+00	1.52E+01	U
TV	ONS 5-V	522121	007	9/21/20	Ru-106	6.14E+00	5.07E+01	1.74E+02	U
TV	ONS 5-V	522121	007	9/21/20	Se-75	-2.96E+00	5.66E+00	1.84E+01	U
TV	ONS 5-V	522121	007	9/21/20	Ag-108m	-5.02E-01	4.81E+00	1.55E+01	U
TV	ONS 5-V	522121	007	9/21/20	Ag-110m	2.77E+00	7.16E+00	2.44E+01	U
TV	ONS 5-V	522121	007	9/21/20	Th-228	-1.82E+01	1.05E+01	2.95E+01	U
TV	ONS 5-V	522121	007	9/21/20	Zn-65	-3.62E+01	1.70E+01	3.91E+01	U
TV	ONS 5-V	522121	007	9/21/20	Zr-95	2.23E+01	1.82E+01	3.69E+01	U
TV	OFS 2-V	522121	008	9/21/20	Ac-228	1.61E+02	5.87E+01	1.12E+02	UI
TV	OFS 2-V	522121	008	9/21/20	Sb-124	5.19E+00	1.30E+01	4.56E+01	U
TV	OFS 2-V	522121	008	9/21/20	Sb-125	1.43E+01	1.38E+01	4.74E+01	U
TV	OFS 2-V	522121	008	9/21/20	Ba-140	-2.99E+00	2.36E+01	7.66E+01	U
TV	OFS 2-V	522121	008	9/21/20	Be-7	1.68E+03	1.31E+02	1.54E+02	
TV	OFS 2-V	522121	008	9/21/20	Ce-141	-6.96E+00	7.67E+00	2.34E+01	U
TV	OFS 2-V	522121	008	9/21/20	Ce-144	7.35E+01	3.45E+01	1.06E+02	U
TV	OFS 2-V	522121	008	9/21/20	Cs-134	-6.27E+00	7.36E+00	2.13E+01	U
TV	OFS 2-V	522121	008	9/21/20	Cs-137	2.34E+01	7.43E+00	1.62E+01	UI
TV	OFS 2-V	522121	008	9/21/20	Cr-51	3.14E+01	4.46E+01	1.54E+02	U
TV	OFS 2-V	522121	008	9/21/20	Co-57	2.07E+00	3.76E+00	1.25E+01	U
TV	OFS 2-V	522121	008	9/21/20	Co-58	-2.55E+00	5.94E+00	1.80E+01	U
TV	OFS 2-V	522121	008	9/21/20	Co-60	-7.72E+00	6.91E+00	1.91E+01	U
TV	OFS 2-V	522121	008	9/21/20	I-131	-3.06E+00	7.19E+00	2.37E+01	U
TV	OFS 2-V	522121	008	9/21/20	Fe-59	-8.27E-01	1.20E+01	3.95E+01	U
TV	OFS 2-V	522121	008	9/21/20	La-140	7.67E-01	8.65E+00	2.80E+01	U
TV	OFS 2-V	522121	008	9/21/20	Mn-54	-6.39E+00	6.71E+00	2.10E+01	U
TV	OFS 2-V	522121	008	9/21/20	Nb-95	1.05E+00	6.41E+00	2.06E+01	U
TV	OFS 2-V	522121	008	9/21/20	K-40	2.38E+03	2.69E+02	2.04E+02	
TV	OFS 2-V	522121	008	9/21/20	Ru-103	-3.63E+00	4.87E+00	1.50E+01	U
TV	OFS 2-V	522121	008	9/21/20	Ru-106	-2.97E+00	4.86E+01	1.57E+02	U
TV	OFS 2-V	522121	008	9/21/20	Se-75	-1.10E+01	7.47E+00	2.00E+01	U
TV	OFS 2-V	522121	008	9/21/20	Ag-108m	1.30E+01	5.75E+00	1.84E+01	U
TV	OFS 2-V	522121	008	9/21/20	Ag-110m	-9.91E+00	8.85E+00	2.66E+01	U
TV	OFS 2-V	522121	008	9/21/20	Th-228	-1.48E+01	1.34E+01	3.47E+01	U
TV	OFS 2-V	522121	008	9/21/20	Zn-65	1.15E+01	1.29E+01	4.49E+01	U
TV	OFS 2-V	522121	008	9/21/20	Zr-95	3.69E+00	1.09E+01	3.53E+01	U
TV	ONS 4-V	516384	001	7/21/20	Ac-228	3.46E+01	3.24E+01	7.91E+01	U
TV	ONS 4-V	516384	001	7/21/20	Sb-124	1.16E+01	9.37E+00	3.39E+01	U
TV	ONS 4-V	516384	001	7/21/20	Sb-125	-1.20E+01	1.75E+01	5.73E+01	U
TV	ONS 4-V	516384	001	7/21/20	Ba-140	3.22E+01	2.57E+01	8.57E+01	U
TV	ONS 4-V	516384	001	7/21/20	Be-7	2.37E+03	1.59E+02	1.55E+02	
TV	ONS 4-V	516384	001	7/21/20	Ce-141	-1.91E+01	9.55E+00	2.54E+01	U
TV	ONS 4-V	516384	001	7/21/20	Ce-144	9.62E+00	3.52E+01	1.14E+02	U
TV	ONS 4-V	516384	001	7/21/20	Cs-134	-7.34E+00	5.66E+00	1.61E+01	U
TV	ONS 4-V	516384	001	7/21/20	Cs-137	-5.46E+00	6.64E+00	1.66E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 4-V	516384	001	7/21/20	Cr-51	2.46E+01	6.18E+01	2.12E+02	U
TV	ONS 4-V	516384	001	7/21/20	Co-57	-5.10E+00	5.11E+00	1.56E+01	U
TV	ONS 4-V	516384	001	7/21/20	Co-58	1.06E+01	5.02E+00	1.63E+01	U
TV	ONS 4-V	516384	001	7/21/20	Co-60	-7.93E+00	7.20E+00	1.97E+01	U
TV	ONS 4-V	516384	001	7/21/20	I-131	2.49E+00	7.62E+00	2.61E+01	U
TV	ONS 4-V	516384	001	7/21/20	Fe-59	8.79E+00	9.82E+00	3.27E+01	U
TV	ONS 4-V	516384	001	7/21/20	La-140	-2.82E+00	4.53E+00	1.38E+01	U
TV	ONS 4-V	516384	001	7/21/20	Mn-54	-1.99E+00	4.88E+00	1.54E+01	U
TV	ONS 4-V	516384	001	7/21/20	Nb-95	-5.89E-01	5.10E+00	1.66E+01	U
TV	ONS 4-V	516384	001	7/21/20	K-40	4.54E+03	3.01E+02	1.45E+02	
TV	ONS 4-V	516384	001	7/21/20	Ru-103	-9.63E+00	5.23E+00	1.45E+01	U
TV	ONS 4-V	516384	001	7/21/20	Ru-106	8.32E+01	5.73E+01	1.21E+02	U
TV	ONS 4-V	516384	001	7/21/20	Se-75	7.86E+00	7.84E+00	2.45E+01	U
TV	ONS 4-V	516384	001	7/21/20	Ag-108m	2.55E+00	5.36E+00	1.82E+01	U
TV	ONS 4-V	516384	001	7/21/20	Ag-110m	9.56E+00	7.49E+00	2.49E+01	U
TV	ONS 4-V	516384	001	7/21/20	Th-228	1.13E+01	1.51E+01	2.90E+01	U
TV	ONS 4-V	516384	001	7/21/20	Zn-65	8.17E+00	1.21E+01	3.61E+01	U
TV	ONS 4-V	516384	001	7/21/20	Zr-95	-3.30E+00	8.09E+00	2.57E+01	U
TV	ONS 4-V	516384	002	7/21/20	Ac-228	-3.74E+01	2.55E+01	6.75E+01	U
TV	ONS 4-V	516384	002	7/21/20	Sb-124	1.45E+01	9.59E+00	3.54E+01	U
TV	ONS 4-V	516384	002	7/21/20	Sb-125	9.50E+00	1.09E+01	3.78E+01	U
TV	ONS 4-V	516384	002	7/21/20	Ba-140	-1.43E+00	1.67E+01	5.55E+01	U
TV	ONS 4-V	516384	002	7/21/20	Be-7	1.65E+03	1.26E+02	1.13E+02	
TV	ONS 4-V	516384	002	7/21/20	Ce-141	-7.99E+00	6.46E+00	1.90E+01	U
TV	ONS 4-V	516384	002	7/21/20	Ce-144	-8.27E+00	2.21E+01	7.04E+01	U
TV	ONS 4-V	516384	002	7/21/20	Cs-134	9.40E-01	4.94E+00	1.63E+01	U
TV	ONS 4-V	516384	002	7/21/20	Cs-137	9.40E+00	5.09E+00	1.70E+01	U
TV	ONS 4-V	516384	002	7/21/20	Cr-51	3.54E+01	3.52E+01	1.22E+02	U
TV	ONS 4-V	516384	002	7/21/20	Co-57	-1.32E+00	3.19E+00	1.02E+01	U
TV	ONS 4-V	516384	002	7/21/20	Co-58	2.22E+00	4.84E+00	1.61E+01	U
TV	ONS 4-V	516384	002	7/21/20	Co-60	3.44E+01	1.08E+01	2.17E+01	UI
TV	ONS 4-V	516384	002	7/21/20	I-131	2.30E+00	5.26E+00	1.82E+01	U
TV	ONS 4-V	516384	002	7/21/20	Fe-59	1.15E+00	8.48E+00	2.72E+01	U
TV	ONS 4-V	516384	002	7/21/20	La-140	1.65E+01	7.15E+00	2.21E+01	U
TV	ONS 4-V	516384	002	7/21/20	Mn-54	-2.04E+00	4.37E+00	1.36E+01	U
TV	ONS 4-V	516384	002	7/21/20	Nb-95	3.33E+00	4.59E+00	1.55E+01	U
TV	ONS 4-V	516384	002	7/21/20	K-40	2.00E+03	1.95E+02	1.62E+02	
TV	ONS 4-V	516384	002	7/21/20	Ru-103	7.52E+00	4.38E+00	1.48E+01	U
TV	ONS 4-V	516384	002	7/21/20	Ru-106	6.22E+01	4.03E+01	1.37E+02	U
TV	ONS 4-V	516384	002	7/21/20	Se-75	-8.02E+00	5.89E+00	1.62E+01	U
TV	ONS 4-V	516384	002	7/21/20	Ag-108m	-3.48E+00	3.90E+00	1.23E+01	U
TV	ONS 4-V	516384	002	7/21/20	Ag-110m	3.26E+00	6.12E+00	2.04E+01	U
TV	ONS 4-V	516384	002	7/21/20	Th-228	-2.13E+01	1.16E+01	2.78E+01	U
TV	ONS 4-V	516384	002	7/21/20	Zn-65	-3.15E+00	8.91E+00	2.71E+01	U
TV	ONS 4-V	516384	002	7/21/20	Zr-95	5.99E+00	8.62E+00	2.90E+01	U
TV	ONS 4-V	516384	003	7/21/20	Ac-228	6.26E+01	3.02E+01	9.68E+01	U
TV	ONS 4-V	516384	003	7/21/20	Sb-124	1.12E+01	1.17E+01	4.22E+01	U
TV	ONS 4-V	516384	003	7/21/20	Sb-125	-1.96E+01	1.41E+01	4.08E+01	U
TV	ONS 4-V	516384	003	7/21/20	Ba-140	-2.16E+00	2.07E+01	6.76E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 4-V	516384	003	7/21/20	Be-7	1.78E+03	1.41E+02	1.22E+02	
TV	ONS 4-V	516384	003	7/21/20	Ce-141	-9.16E+00	7.76E+00	2.24E+01	U
TV	ONS 4-V	516384	003	7/21/20	Ce-144	3.59E+01	3.26E+01	1.04E+02	U
TV	ONS 4-V	516384	003	7/21/20	Cs-134	1.66E+00	6.43E+00	1.89E+01	U
TV	ONS 4-V	516384	003	7/21/20	Cs-137	1.35E+01	6.24E+00	2.05E+01	U
TV	ONS 4-V	516384	003	7/21/20	Cr-51	-3.63E+01	4.31E+01	1.38E+02	U
TV	ONS 4-V	516384	003	7/21/20	Co-57	-1.87E+00	3.86E+00	1.20E+01	U
TV	ONS 4-V	516384	003	7/21/20	Co-58	-1.11E+01	5.91E+00	1.38E+01	U
TV	ONS 4-V	516384	003	7/21/20	Co-60	-4.40E+00	4.94E+00	1.43E+01	U
TV	ONS 4-V	516384	003	7/21/20	I-131	-1.16E+01	6.74E+00	1.76E+01	U
TV	ONS 4-V	516384	003	7/21/20	Fe-59	-1.67E+01	1.03E+01	2.70E+01	U
TV	ONS 4-V	516384	003	7/21/20	La-140	-1.63E+00	5.02E+00	1.56E+01	U
TV	ONS 4-V	516384	003	7/21/20	Mn-54	2.69E+00	5.57E+00	1.84E+01	U
TV	ONS 4-V	516384	003	7/21/20	Nb-95	5.25E+00	5.84E+00	1.96E+01	U
TV	ONS 4-V	516384	003	7/21/20	K-40	2.58E+03	2.64E+02	1.90E+02	
TV	ONS 4-V	516384	003	7/21/20	Ru-103	-1.94E+00	5.04E+00	1.62E+01	U
TV	ONS 4-V	516384	003	7/21/20	Ru-106	-1.09E+01	4.77E+01	1.53E+02	U
TV	ONS 4-V	516384	003	7/21/20	Se-75	-2.32E+00	6.63E+00	2.23E+01	U
TV	ONS 4-V	516384	003	7/21/20	Ag-108m	1.92E+00	4.02E+00	1.37E+01	U
TV	ONS 4-V	516384	003	7/21/20	Ag-110m	-1.52E+00	7.34E+00	2.30E+01	U
TV	ONS 4-V	516384	003	7/21/20	Th-228	1.96E+01	1.65E+01	3.61E+01	U
TV	ONS 4-V	516384	003	7/21/20	Zn-65	-2.48E+01	1.48E+01	3.71E+01	U
TV	ONS 4-V	516384	003	7/21/20	Zr-95	-1.24E+01	1.07E+01	3.03E+01	U
TV	ONS 5-V	516384	004	7/21/20	Ac-228	-5.84E+00	2.11E+01	6.65E+01	U
TV	ONS 5-V	516384	004	7/21/20	Sb-124	-7.98E+00	8.67E+00	2.46E+01	U
TV	ONS 5-V	516384	004	7/21/20	Sb-125	2.42E+01	1.51E+01	3.44E+01	U
TV	ONS 5-V	516384	004	7/21/20	Ba-140	-7.90E+00	1.38E+01	4.42E+01	U
TV	ONS 5-V	516384	004	7/21/20	Be-7	1.65E+03	1.28E+02	1.05E+02	
TV	ONS 5-V	516384	004	7/21/20	Ce-141	-1.01E+00	5.92E+00	1.91E+01	U
TV	ONS 5-V	516384	004	7/21/20	Ce-144	7.11E+00	2.27E+01	7.44E+01	U
TV	ONS 5-V	516384	004	7/21/20	Cs-134	5.04E+00	4.18E+00	1.42E+01	U
TV	ONS 5-V	516384	004	7/21/20	Cs-137	-2.53E+00	4.50E+00	1.42E+01	U
TV	ONS 5-V	516384	004	7/21/20	Cr-51	1.25E+01	2.96E+01	1.03E+02	U
TV	ONS 5-V	516384	004	7/21/20	Co-57	-1.54E+00	3.08E+00	9.85E+00	U
TV	ONS 5-V	516384	004	7/21/20	Co-58	-6.60E+00	4.13E+00	1.08E+01	U
TV	ONS 5-V	516384	004	7/21/20	Co-60	1.56E+00	4.98E+00	1.70E+01	U
TV	ONS 5-V	516384	004	7/21/20	I-131	2.11E+00	4.37E+00	1.51E+01	U
TV	ONS 5-V	516384	004	7/21/20	Fe-59	-2.75E+00	9.58E+00	2.96E+01	U
TV	ONS 5-V	516384	004	7/21/20	La-140	-9.20E-01	4.45E+00	1.43E+01	U
TV	ONS 5-V	516384	004	7/21/20	Mn-54	4.64E+00	4.15E+00	1.40E+01	U
TV	ONS 5-V	516384	004	7/21/20	Nb-95	2.62E+00	4.19E+00	1.40E+01	U
TV	ONS 5-V	516384	004	7/21/20	K-40	4.97E+03	3.33E+02	1.38E+02	
TV	ONS 5-V	516384	004	7/21/20	Ru-103	-4.66E+00	3.95E+00	1.20E+01	U
TV	ONS 5-V	516384	004	7/21/20	Ru-106	2.66E+01	3.49E+01	1.18E+02	U
TV	ONS 5-V	516384	004	7/21/20	Se-75	-5.23E+00	5.10E+00	1.48E+01	U
TV	ONS 5-V	516384	004	7/21/20	Ag-108m	2.73E-01	3.46E+00	1.17E+01	U
TV	ONS 5-V	516384	004	7/21/20	Ag-110m	6.14E-01	5.37E+00	1.75E+01	U
TV	ONS 5-V	516384	004	7/21/20	Th-228	-8.14E+00	1.18E+01	3.40E+01	U
TV	ONS 5-V	516384	004	7/21/20	Zn-65	-1.19E+00	9.59E+00	3.24E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 5-V	516384	004	7/21/20	Zr-95	-1.79E+00	7.46E+00	2.39E+01	U
TV	ONS 5-V	516384	005	7/21/20	Ac-228	1.22E+01	3.58E+01	1.08E+02	U
TV	ONS 5-V	516384	005	7/21/20	Sb-124	-6.25E+00	1.53E+01	4.65E+01	U
TV	ONS 5-V	516384	005	7/21/20	Sb-125	-8.22E+00	2.41E+01	6.61E+01	U
TV	ONS 5-V	516384	005	7/21/20	Ba-140	1.29E+01	2.75E+01	9.11E+01	U
TV	ONS 5-V	516384	005	7/21/20	Be-7	2.82E+03	2.00E+02	1.77E+02	
TV	ONS 5-V	516384	005	7/21/20	Ce-141	5.89E-01	9.87E+00	3.11E+01	U
TV	ONS 5-V	516384	005	7/21/20	Ce-144	2.75E+01	3.83E+01	1.22E+02	U
TV	ONS 5-V	516384	005	7/21/20	Cs-134	5.59E+00	7.67E+00	2.67E+01	U
TV	ONS 5-V	516384	005	7/21/20	Cs-137	-1.11E+01	7.73E+00	2.12E+01	U
TV	ONS 5-V	516384	005	7/21/20	Cr-51	-3.74E+01	6.59E+01	1.91E+02	U
TV	ONS 5-V	516384	005	7/21/20	Co-57	-1.15E+00	4.79E+00	1.50E+01	U
TV	ONS 5-V	516384	005	7/21/20	Co-58	-1.07E+01	7.33E+00	2.15E+01	U
TV	ONS 5-V	516384	005	7/21/20	Co-60	-2.32E+00	6.04E+00	1.89E+01	U
TV	ONS 5-V	516384	005	7/21/20	I-131	-1.06E+01	9.55E+00	2.59E+01	U
TV	ONS 5-V	516384	005	7/21/20	Fe-59	5.60E+00	1.49E+01	5.04E+01	U
TV	ONS 5-V	516384	005	7/21/20	La-140	-4.50E+00	6.76E+00	1.95E+01	U
TV	ONS 5-V	516384	005	7/21/20	Mn-54	9.48E+00	7.91E+00	2.72E+01	U
TV	ONS 5-V	516384	005	7/21/20	Nb-95	-8.40E+00	7.69E+00	2.20E+01	U
TV	ONS 5-V	516384	005	7/21/20	K-40	4.71E+03	3.58E+02	2.02E+02	
TV	ONS 5-V	516384	005	7/21/20	Ru-103	5.95E-01	6.19E+00	2.03E+01	U
TV	ONS 5-V	516384	005	7/21/20	Ru-106	-4.41E+00	6.18E+01	1.98E+02	U
TV	ONS 5-V	516384	005	7/21/20	Se-75	-6.79E+00	8.29E+00	2.68E+01	U
TV	ONS 5-V	516384	005	7/21/20	Ag-108m	-1.15E+01	9.15E+00	2.33E+01	U
TV	ONS 5-V	516384	005	7/21/20	Ag-110m	-2.59E+00	8.50E+00	2.81E+01	U
TV	ONS 5-V	516384	005	7/21/20	Th-228	1.14E+01	2.21E+01	3.47E+01	U
TV	ONS 5-V	516384	005	7/21/20	Zn-65	-2.83E+01	1.53E+01	3.86E+01	U
TV	ONS 5-V	516384	005	7/21/20	Zr-95	2.48E+01	1.36E+01	4.38E+01	U
TV	ONS 5-V	516384	006	7/21/20	Ac-228	-3.74E-01	2.42E+01	6.02E+01	U
TV	ONS 5-V	516384	006	7/21/20	Sb-124	-6.14E+00	9.70E+00	2.90E+01	U
TV	ONS 5-V	516384	006	7/21/20	Sb-125	1.84E+01	9.84E+00	3.28E+01	U
TV	ONS 5-V	516384	006	7/21/20	Ba-140	1.62E+01	1.36E+01	4.64E+01	U
TV	ONS 5-V	516384	006	7/21/20	Be-7	1.68E+03	1.17E+02	9.90E+01	
TV	ONS 5-V	516384	006	7/21/20	Ce-141	4.64E+00	9.27E+00	1.72E+01	U
TV	ONS 5-V	516384	006	7/21/20	Ce-144	1.14E-01	2.09E+01	6.79E+01	U
TV	ONS 5-V	516384	006	7/21/20	Cs-134	-4.08E+00	4.04E+00	1.16E+01	U
TV	ONS 5-V	516384	006	7/21/20	Cs-137	-3.10E+00	3.91E+00	1.19E+01	U
TV	ONS 5-V	516384	006	7/21/20	Cr-51	3.73E+01	3.00E+01	1.03E+02	U
TV	ONS 5-V	516384	006	7/21/20	Co-57	-2.14E+00	2.90E+00	9.06E+00	U
TV	ONS 5-V	516384	006	7/21/20	Co-58	-1.32E+00	3.71E+00	1.16E+01	U
TV	ONS 5-V	516384	006	7/21/20	Co-60	2.96E+00	4.22E+00	1.47E+01	U
TV	ONS 5-V	516384	006	7/21/20	I-131	2.45E+00	4.26E+00	1.47E+01	U
TV	ONS 5-V	516384	006	7/21/20	Fe-59	5.67E+00	7.01E+00	2.47E+01	U
TV	ONS 5-V	516384	006	7/21/20	La-140	3.27E+00	5.22E+00	1.80E+01	U
TV	ONS 5-V	516384	006	7/21/20	Mn-54	3.86E+00	3.79E+00	1.27E+01	U
TV	ONS 5-V	516384	006	7/21/20	Nb-95	1.46E+00	3.67E+00	1.21E+01	U
TV	ONS 5-V	516384	006	7/21/20	K-40	2.13E+03	1.98E+02	1.09E+02	
TV	ONS 5-V	516384	006	7/21/20	Ru-103	-7.22E-01	3.14E+00	1.03E+01	U
TV	ONS 5-V	516384	006	7/21/20	Ru-106	-3.76E+01	4.31E+01	9.79E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 5-V	516384	006	7/21/20	Se-75	1.06E+01	5.92E+00	1.35E+01	U
TV	ONS 5-V	516384	006	7/21/20	Ag-108m	8.10E-01	3.07E+00	1.04E+01	U
TV	ONS 5-V	516384	006	7/21/20	Ag-110m	9.40E+00	1.15E+01	1.87E+01	U
TV	ONS 5-V	516384	006	7/21/20	Th-228	2.09E+01	1.39E+01	2.57E+01	U
TV	ONS 5-V	516384	006	7/21/20	Zn-65	-1.45E+00	7.26E+00	2.40E+01	U
TV	ONS 5-V	516384	006	7/21/20	Zr-95	8.49E+00	6.41E+00	2.17E+01	U
TV	OFS 1-V	516384	007	7/21/20	Ac-228	-1.86E+01	3.77E+01	9.80E+01	U
TV	OFS 1-V	516384	007	7/21/20	Sb-124	-4.44E+00	1.29E+01	4.09E+01	U
TV	OFS 1-V	516384	007	7/21/20	Sb-125	-5.52E+00	1.32E+01	4.14E+01	U
TV	OFS 1-V	516384	007	7/21/20	Ba-140	-4.08E+01	2.52E+01	6.53E+01	U
TV	OFS 1-V	516384	007	7/21/20	Be-7	3.20E+03	2.03E+02	1.42E+02	
TV	OFS 1-V	516384	007	7/21/20	Ce-141	-5.64E+00	7.01E+00	2.06E+01	U
TV	OFS 1-V	516384	007	7/21/20	Ce-144	1.98E+01	2.88E+01	9.11E+01	U
TV	OFS 1-V	516384	007	7/21/20	Cs-134	-1.88E+00	7.41E+00	2.44E+01	U
TV	OFS 1-V	516384	007	7/21/20	Cs-137	-1.89E+00	7.17E+00	2.39E+01	U
TV	OFS 1-V	516384	007	7/21/20	Cr-51	7.95E+01	4.91E+01	1.61E+02	U
TV	OFS 1-V	516384	007	7/21/20	Co-57	8.15E+00	4.37E+00	1.07E+01	U
TV	OFS 1-V	516384	007	7/21/20	Co-58	-7.61E-01	6.28E+00	2.08E+01	U
TV	OFS 1-V	516384	007	7/21/20	Co-60	4.06E+00	6.53E+00	2.22E+01	U
TV	OFS 1-V	516384	007	7/21/20	I-131	6.96E-01	6.26E+00	2.07E+01	U
TV	OFS 1-V	516384	007	7/21/20	Fe-59	-1.05E+01	1.45E+01	3.72E+01	U
TV	OFS 1-V	516384	007	7/21/20	La-140	-6.36E+00	8.15E+00	2.45E+01	U
TV	OFS 1-V	516384	007	7/21/20	Mn-54	-7.25E+00	6.97E+00	2.10E+01	U
TV	OFS 1-V	516384	007	7/21/20	Nb-95	-3.88E+00	6.15E+00	1.96E+01	U
TV	OFS 1-V	516384	007	7/21/20	K-40	2.57E+03	2.47E+02	1.78E+02	
TV	OFS 1-V	516384	007	7/21/20	Ru-103	-2.09E+00	5.34E+00	1.66E+01	U
TV	OFS 1-V	516384	007	7/21/20	Ru-106	1.30E+01	5.09E+01	1.76E+02	U
TV	OFS 1-V	516384	007	7/21/20	Se-75	1.37E+01	7.83E+00	2.55E+01	U
TV	OFS 1-V	516384	007	7/21/20	Ag-108m	-5.26E-01	4.99E+00	1.61E+01	U
TV	OFS 1-V	516384	007	7/21/20	Ag-110m	1.21E+01	9.45E+00	3.26E+01	U
TV	OFS 1-V	516384	007	7/21/20	Th-228	1.07E+01	1.64E+01	3.75E+01	U
TV	OFS 1-V	516384	007	7/21/20	Zn-65	3.69E+01	1.73E+01	5.76E+01	U
TV	OFS 1-V	516384	007	7/21/20	Zr-95	1.95E+01	1.12E+01	3.85E+01	U
TV	ONS 4-V	519050	001	8/18/20	Ac-228	1.15E+01	2.47E+01	6.60E+01	U
TV	ONS 4-V	519050	001	8/18/20	Sb-124	2.47E+00	8.82E+00	3.00E+01	U
TV	ONS 4-V	519050	001	8/18/20	Sb-125	1.54E+01	1.29E+01	3.66E+01	U
TV	ONS 4-V	519050	001	8/18/20	Ba-140	-2.72E+00	1.67E+01	5.53E+01	U
TV	ONS 4-V	519050	001	8/18/20	Be-7	1.66E+03	1.40E+02	1.14E+02	
TV	ONS 4-V	519050	001	8/18/20	Ce-141	-2.19E+00	5.82E+00	1.87E+01	U
TV	ONS 4-V	519050	001	8/18/20	Ce-144	1.43E+01	2.22E+01	7.39E+01	U
TV	ONS 4-V	519050	001	8/18/20	Cs-134	6.76E+00	5.67E+00	1.92E+01	U
TV	ONS 4-V	519050	001	8/18/20	Cs-137	7.45E+00	5.11E+00	1.73E+01	U
TV	ONS 4-V	519050	001	8/18/20	Cr-51	-1.77E+01	3.81E+01	1.16E+02	U
TV	ONS 4-V	519050	001	8/18/20	Co-57	1.63E+00	2.85E+00	9.55E+00	U
TV	ONS 4-V	519050	001	8/18/20	Co-58	-1.97E+00	4.22E+00	1.31E+01	U
TV	ONS 4-V	519050	001	8/18/20	Co-60	-4.13E+00	6.42E+00	1.68E+01	U
TV	ONS 4-V	519050	001	8/18/20	I-131	-1.20E+01	6.39E+00	1.57E+01	U
TV	ONS 4-V	519050	001	8/18/20	Fe-59	-4.29E-01	9.31E+00	2.94E+01	U
TV	ONS 4-V	519050	001	8/18/20	La-140	-3.92E-01	7.67E+00	1.71E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 4-V	519050	001	8/18/20	Mn-54	6.60E+00	4.72E+00	1.60E+01	U
TV	ONS 4-V	519050	001	8/18/20	Nb-95	4.11E-01	4.75E+00	1.56E+01	U
TV	ONS 4-V	519050	001	8/18/20	K-40	4.47E+03	3.01E+02	1.67E+02	
TV	ONS 4-V	519050	001	8/18/20	Ru-103	2.01E+00	4.18E+00	1.43E+01	U
TV	ONS 4-V	519050	001	8/18/20	Ru-106	-5.22E+00	3.62E+01	1.19E+02	U
TV	ONS 4-V	519050	001	8/18/20	Se-75	-3.19E+00	5.44E+00	1.66E+01	U
TV	ONS 4-V	519050	001	8/18/20	Ag-108m	6.19E-01	3.47E+00	1.19E+01	U
TV	ONS 4-V	519050	001	8/18/20	Ag-110m	-7.60E-01	6.52E+00	2.08E+01	U
TV	ONS 4-V	519050	001	8/18/20	Th-228	7.73E+00	1.28E+01	4.64E+01	U
TV	ONS 4-V	519050	001	8/18/20	Zn-65	1.10E+01	1.08E+01	3.63E+01	U
TV	ONS 4-V	519050	001	8/18/20	Zr-95	-6.89E+00	7.42E+00	2.18E+01	U
TV	ONS 4-V	519050	002	8/18/20	Ac-228	7.59E+01	5.23E+01	9.02E+01	U
TV	ONS 4-V	519050	002	8/18/20	Sb-124	2.49E+01	2.25E+01	8.13E+01	U
TV	ONS 4-V	519050	002	8/18/20	Sb-125	2.63E+01	2.15E+01	7.50E+01	U
TV	ONS 4-V	519050	002	8/18/20	Ba-140	2.16E+01	2.71E+01	9.46E+01	U
TV	ONS 4-V	519050	002	8/18/20	Be-7	1.56E+03	1.77E+02	2.39E+02	
TV	ONS 4-V	519050	002	8/18/20	Ce-141	-8.88E+00	1.07E+01	3.36E+01	U
TV	ONS 4-V	519050	002	8/18/20	Ce-144	4.15E+01	4.24E+01	1.42E+02	U
TV	ONS 4-V	519050	002	8/18/20	Cs-134	2.25E+01	1.28E+01	2.91E+01	U
TV	ONS 4-V	519050	002	8/18/20	Cs-137	2.04E+00	8.77E+00	2.94E+01	U
TV	ONS 4-V	519050	002	8/18/20	Cr-51	5.99E+01	6.61E+01	2.14E+02	U
TV	ONS 4-V	519050	002	8/18/20	Co-57	5.53E+00	6.07E+00	1.91E+01	U
TV	ONS 4-V	519050	002	8/18/20	Co-58	-4.70E+00	8.35E+00	2.55E+01	U
TV	ONS 4-V	519050	002	8/18/20	Co-60	1.02E+01	7.29E+00	2.76E+01	U
TV	ONS 4-V	519050	002	8/18/20	I-131	-1.73E+01	1.00E+01	2.46E+01	U
TV	ONS 4-V	519050	002	8/18/20	Fe-59	-7.42E+00	1.40E+01	4.44E+01	U
TV	ONS 4-V	519050	002	8/18/20	La-140	-3.02E+01	1.61E+01	2.29E+01	U
TV	ONS 4-V	519050	002	8/18/20	Mn-54	-6.18E+00	8.65E+00	2.58E+01	U
TV	ONS 4-V	519050	002	8/18/20	Nb-95	-4.30E+00	1.19E+01	2.53E+01	U
TV	ONS 4-V	519050	002	8/18/20	K-40	1.85E+03	2.91E+02	2.47E+02	
TV	ONS 4-V	519050	002	8/18/20	Ru-103	-2.98E+00	7.00E+00	2.29E+01	U
TV	ONS 4-V	519050	002	8/18/20	Ru-106	-2.09E+01	6.24E+01	2.01E+02	U
TV	ONS 4-V	519050	002	8/18/20	Se-75	2.72E+00	9.62E+00	3.11E+01	U
TV	ONS 4-V	519050	002	8/18/20	Ag-108m	1.34E+00	6.86E+00	2.36E+01	U
TV	ONS 4-V	519050	002	8/18/20	Ag-110m	-2.39E+00	1.12E+01	3.54E+01	U
TV	ONS 4-V	519050	002	8/18/20	Th-228	-3.32E+01	2.01E+01	5.47E+01	U
TV	ONS 4-V	519050	002	8/18/20	Zn-65	1.13E+00	1.50E+01	5.13E+01	U
TV	ONS 4-V	519050	002	8/18/20	Zr-95	1.02E+02	3.94E+01	4.71E+01	UI
TV	ONS 4-V	519050	003	8/18/20	Ac-228	1.63E+01	3.81E+01	7.81E+01	U
TV	ONS 4-V	519050	003	8/18/20	Sb-124	1.87E+00	1.29E+01	4.31E+01	U
TV	ONS 4-V	519050	003	8/18/20	Sb-125	-5.61E-01	1.47E+01	4.42E+01	U
TV	ONS 4-V	519050	003	8/18/20	Ba-140	-2.03E+00	1.90E+01	6.23E+01	U
TV	ONS 4-V	519050	003	8/18/20	Be-7	1.69E+03	1.53E+02	1.49E+02	
TV	ONS 4-V	519050	003	8/18/20	Ce-141	-1.74E+01	1.10E+01	2.71E+01	U
TV	ONS 4-V	519050	003	8/18/20	Ce-144	2.11E+01	3.30E+01	1.08E+02	U
TV	ONS 4-V	519050	003	8/18/20	Cs-134	5.83E+00	5.84E+00	1.99E+01	U
TV	ONS 4-V	519050	003	8/18/20	Cs-137	1.18E+00	6.03E+00	1.99E+01	U
TV	ONS 4-V	519050	003	8/18/20	Cr-51	-7.77E+00	4.71E+01	1.59E+02	U
TV	ONS 4-V	519050	003	8/18/20	Co-57	-4.47E-01	4.26E+00	1.37E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 4-V	519050	003	8/18/20	Co-58	6.48E+00	5.91E+00	1.99E+01	U
TV	ONS 4-V	519050	003	8/18/20	Co-60	4.80E+00	6.11E+00	2.15E+01	U
TV	ONS 4-V	519050	003	8/18/20	I-131	3.08E+00	7.03E+00	2.41E+01	U
TV	ONS 4-V	519050	003	8/18/20	Fe-59	8.37E+00	1.05E+01	3.70E+01	U
TV	ONS 4-V	519050	003	8/18/20	La-140	9.45E+00	8.05E+00	2.86E+01	U
TV	ONS 4-V	519050	003	8/18/20	Mn-54	-7.69E-01	4.80E+00	1.52E+01	U
TV	ONS 4-V	519050	003	8/18/20	Nb-95	1.56E+01	7.55E+00	1.59E+01	U
TV	ONS 4-V	519050	003	8/18/20	K-40	2.10E+03	2.54E+02	1.60E+02	
TV	ONS 4-V	519050	003	8/18/20	Ru-103	1.42E+00	5.06E+00	1.54E+01	U
TV	ONS 4-V	519050	003	8/18/20	Ru-106	5.74E+01	4.87E+01	1.66E+02	U
TV	ONS 4-V	519050	003	8/18/20	Se-75	5.03E+00	6.99E+00	2.43E+01	U
TV	ONS 4-V	519050	003	8/18/20	Ag-108m	7.70E+00	5.32E+00	1.80E+01	U
TV	ONS 4-V	519050	003	8/18/20	Ag-110m	-1.12E+01	8.95E+00	2.45E+01	U
TV	ONS 4-V	519050	003	8/18/20	Th-228	6.68E+00	1.55E+01	3.97E+01	U
TV	ONS 4-V	519050	003	8/18/20	Zn-65	-8.07E-01	1.26E+01	4.24E+01	U
TV	ONS 4-V	519050	003	8/18/20	Zr-95	-1.40E+01	1.08E+01	2.72E+01	U
TV	ONS 5-V	519050	005	8/18/20	Ac-228	-4.86E+01	5.62E+01	1.52E+02	U
TV	ONS 5-V	519050	005	8/18/20	Sb-124	-8.56E+00	1.98E+01	6.19E+01	U
TV	ONS 5-V	519050	005	8/18/20	Sb-125	4.24E+01	3.51E+01	8.73E+01	U
TV	ONS 5-V	519050	005	8/18/20	Ba-140	6.92E+00	4.08E+01	1.32E+02	U
TV	ONS 5-V	519050	005	8/18/20	Be-7	2.95E+03	2.31E+02	2.38E+02	
TV	ONS 5-V	519050	005	8/18/20	Ce-141	5.92E+00	1.05E+01	3.31E+01	U
TV	ONS 5-V	519050	005	8/18/20	Ce-144	-1.99E+01	4.45E+01	1.35E+02	U
TV	ONS 5-V	519050	005	8/18/20	Cs-134	-1.37E+01	1.18E+01	3.50E+01	U
TV	ONS 5-V	519050	005	8/18/20	Cs-137	7.92E-01	1.09E+01	3.30E+01	U
TV	ONS 5-V	519050	005	8/18/20	Cr-51	-4.32E+01	6.44E+01	2.03E+02	U
TV	ONS 5-V	519050	005	8/18/20	Co-57	7.95E+00	5.93E+00	1.65E+01	U
TV	ONS 5-V	519050	005	8/18/20	Co-58	-2.95E+00	8.72E+00	2.83E+01	U
TV	ONS 5-V	519050	005	8/18/20	Co-60	9.78E+00	1.08E+01	3.02E+01	U
TV	ONS 5-V	519050	005	8/18/20	I-131	9.78E+00	1.03E+01	3.45E+01	U
TV	ONS 5-V	519050	005	8/18/20	Fe-59	1.71E+01	2.09E+01	6.46E+01	U
TV	ONS 5-V	519050	005	8/18/20	La-140	-8.44E+00	1.20E+01	3.63E+01	U
TV	ONS 5-V	519050	005	8/18/20	Mn-54	1.56E+01	1.43E+01	3.36E+01	U
TV	ONS 5-V	519050	005	8/18/20	Nb-95	1.88E+01	1.09E+01	3.72E+01	U
TV	ONS 5-V	519050	005	8/18/20	K-40	4.28E+03	4.65E+02	4.04E+02	
TV	ONS 5-V	519050	005	8/18/20	Ru-103	-6.57E+00	8.32E+00	2.48E+01	U
TV	ONS 5-V	519050	005	8/18/20	Ru-106	-7.59E-01	8.78E+01	2.99E+02	U
TV	ONS 5-V	519050	005	8/18/20	Se-75	-1.58E+00	9.67E+00	3.20E+01	U
TV	ONS 5-V	519050	005	8/18/20	Ag-108m	-1.05E+00	8.24E+00	2.65E+01	U
TV	ONS 5-V	519050	005	8/18/20	Ag-110m	-9.33E+00	1.46E+01	4.59E+01	U
TV	ONS 5-V	519050	005	8/18/20	Th-228	-2.35E+01	1.91E+01	5.74E+01	U
TV	ONS 5-V	519050	005	8/18/20	Zn-65	1.57E+01	2.15E+01	7.36E+01	U
TV	ONS 5-V	519050	005	8/18/20	Zr-95	-2.99E+00	1.42E+01	4.70E+01	U
TV	ONS 5-V	519050	006	8/18/20	Ac-228	5.24E+01	7.46E+01	1.70E+02	U
TV	ONS 5-V	519050	006	8/18/20	Sb-124	-1.74E+01	2.05E+01	5.55E+01	U
TV	ONS 5-V	519050	006	8/18/20	Sb-125	3.26E+01	2.64E+01	9.14E+01	U
TV	ONS 5-V	519050	006	8/18/20	Ba-140	-2.48E+00	3.59E+01	1.20E+02	U
TV	ONS 5-V	519050	006	8/18/20	Be-7	3.23E+03	2.80E+02	2.24E+02	
TV	ONS 5-V	519050	006	8/18/20	Ce-141	2.41E+00	1.23E+01	4.10E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	ONS 5-V	519050	006	8/18/20	Ce-144	-3.23E+01	5.04E+01	1.62E+02	U
TV	ONS 5-V	519050	006	8/18/20	Cs-134	-1.27E+01	1.20E+01	3.44E+01	U
TV	ONS 5-V	519050	006	8/18/20	Cs-137	1.75E+01	1.09E+01	3.73E+01	U
TV	ONS 5-V	519050	006	8/18/20	Cr-51	-1.52E+02	8.31E+01	2.07E+02	U
TV	ONS 5-V	519050	006	8/18/20	Co-57	-9.05E+00	6.77E+00	2.05E+01	U
TV	ONS 5-V	519050	006	8/18/20	Co-58	-9.31E+00	9.00E+00	2.53E+01	U
TV	ONS 5-V	519050	006	8/18/20	Co-60	6.57E+00	1.02E+01	3.62E+01	U
TV	ONS 5-V	519050	006	8/18/20	I-131	1.64E+01	1.12E+01	3.62E+01	U
TV	ONS 5-V	519050	006	8/18/20	Fe-59	-2.12E+01	2.09E+01	6.28E+01	U
TV	ONS 5-V	519050	006	8/18/20	La-140	2.24E+01	1.25E+01	4.73E+01	U
TV	ONS 5-V	519050	006	8/18/20	Mn-54	1.59E+01	1.08E+01	0.00E+00	UI
TV	ONS 5-V	519050	006	8/18/20	Nb-95	6.93E+00	1.53E+01	3.47E+01	U
TV	ONS 5-V	519050	006	8/18/20	K-40	7.26E+03	6.10E+02	3.20E+02	
TV	ONS 5-V	519050	006	8/18/20	Ru-103	-5.03E+00	8.81E+00	2.85E+01	U
TV	ONS 5-V	519050	006	8/18/20	Ru-106	-1.19E+02	9.00E+01	2.56E+02	U
TV	ONS 5-V	519050	006	8/18/20	Se-75	-1.11E+01	1.13E+01	3.31E+01	U
TV	ONS 5-V	519050	006	8/18/20	Ag-108m	-3.90E+00	7.61E+00	2.50E+01	U
TV	ONS 5-V	519050	006	8/18/20	Ag-110m	-6.28E+00	1.67E+01	4.57E+01	U
TV	ONS 5-V	519050	006	8/18/20	Th-228	-1.04E+01	2.00E+01	6.11E+01	U
TV	ONS 5-V	519050	006	8/18/20	Zn-65	2.18E+01	2.04E+01	7.03E+01	U
TV	ONS 5-V	519050	006	8/18/20	Zr-95	-3.12E+01	2.14E+01	4.82E+01	U
TV	ONS 5-V	519050	007	8/18/20	Ac-228	-5.21E+01	3.38E+01	9.58E+01	U
TV	ONS 5-V	519050	007	8/18/20	Sb-124	2.94E+01	1.45E+01	5.28E+01	U
TV	ONS 5-V	519050	007	8/18/20	Sb-125	-5.31E+00	1.28E+01	3.93E+01	U
TV	ONS 5-V	519050	007	8/18/20	Ba-140	-9.61E+00	2.06E+01	6.69E+01	U
TV	ONS 5-V	519050	007	8/18/20	Be-7	7.52E+02	1.03E+02	1.30E+02	
TV	ONS 5-V	519050	007	8/18/20	Ce-141	-1.09E+01	8.47E+00	2.26E+01	U
TV	ONS 5-V	519050	007	8/18/20	Ce-144	2.60E+01	2.77E+01	8.80E+01	U
TV	ONS 5-V	519050	007	8/18/20	Cs-134	-1.23E+00	6.09E+00	1.94E+01	U
TV	ONS 5-V	519050	007	8/18/20	Cs-137	1.23E+01	6.82E+00	2.27E+01	U
TV	ONS 5-V	519050	007	8/18/20	Cr-51	2.18E+00	4.68E+01	1.52E+02	U
TV	ONS 5-V	519050	007	8/18/20	Co-57	4.05E-01	3.55E+00	1.12E+01	U
TV	ONS 5-V	519050	007	8/18/20	Co-58	-6.84E+00	5.65E+00	1.58E+01	U
TV	ONS 5-V	519050	007	8/18/20	Co-60	4.83E+00	8.20E+00	2.78E+01	U
TV	ONS 5-V	519050	007	8/18/20	I-131	-1.88E+00	6.62E+00	2.10E+01	U
TV	ONS 5-V	519050	007	8/18/20	Fe-59	-5.68E-01	1.31E+01	4.36E+01	U
TV	ONS 5-V	519050	007	8/18/20	La-140	-1.24E+01	9.52E+00	2.48E+01	U
TV	ONS 5-V	519050	007	8/18/20	Mn-54	6.09E+00	6.18E+00	2.08E+01	U
TV	ONS 5-V	519050	007	8/18/20	Nb-95	2.62E+00	4.94E+00	1.66E+01	U
TV	ONS 5-V	519050	007	8/18/20	K-40	2.64E+03	2.45E+02	1.76E+02	
TV	ONS 5-V	519050	007	8/18/20	Ru-103	-5.06E+00	4.94E+00	1.52E+01	U
TV	ONS 5-V	519050	007	8/18/20	Ru-106	1.42E+01	5.19E+01	1.74E+02	U
TV	ONS 5-V	519050	007	8/18/20	Se-75	1.21E+00	7.28E+00	2.17E+01	U
TV	ONS 5-V	519050	007	8/18/20	Ag-108m	4.67E+00	4.67E+00	1.53E+01	U
TV	ONS 5-V	519050	007	8/18/20	Ag-110m	2.10E+01	9.32E+00	3.03E+01	U
TV	ONS 5-V	519050	007	8/18/20	Th-228	1.42E+01	1.69E+01	3.40E+01	U
TV	ONS 5-V	519050	007	8/18/20	Zn-65	-2.81E+01	1.58E+01	4.11E+01	U
TV	ONS 5-V	519050	007	8/18/20	Zr-95	2.08E+00	9.53E+00	3.15E+01	U
TV	OFS 1-V	519050	008	8/18/20	Ac-228	2.74E+01	2.49E+01	6.75E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
TV	OFS 1-V	519050	008	8/18/20	Sb-124	3.41E+00	1.04E+01	3.54E+01	U
TV	OFS 1-V	519050	008	8/18/20	Sb-125	6.15E+00	1.01E+01	3.50E+01	U
TV	OFS 1-V	519050	008	8/18/20	Ba-140	-4.00E-01	1.58E+01	5.30E+01	U
TV	OFS 1-V	519050	008	8/18/20	Be-7	2.70E+03	1.82E+02	1.21E+02	
TV	OFS 1-V	519050	008	8/18/20	Ce-141	-1.72E+00	5.77E+00	1.86E+01	U
TV	OFS 1-V	519050	008	8/18/20	Ce-144	2.85E+01	2.32E+01	7.22E+01	U
TV	OFS 1-V	519050	008	8/18/20	Cs-134	6.61E-01	4.88E+00	1.61E+01	U
TV	OFS 1-V	519050	008	8/18/20	Cs-137	2.27E+00	4.72E+00	1.60E+01	U
TV	OFS 1-V	519050	008	8/18/20	Cr-51	-1.92E+01	3.32E+01	9.92E+01	U
TV	OFS 1-V	519050	008	8/18/20	Co-57	-3.78E+00	3.08E+00	9.25E+00	U
TV	OFS 1-V	519050	008	8/18/20	Co-58	3.19E+00	4.52E+00	1.53E+01	U
TV	OFS 1-V	519050	008	8/18/20	Co-60	-1.31E+01	7.35E+00	1.55E+01	U
TV	OFS 1-V	519050	008	8/18/20	I-131	4.51E-01	4.65E+00	1.60E+01	U
TV	OFS 1-V	519050	008	8/18/20	Fe-59	1.15E+01	1.02E+01	3.43E+01	U
TV	OFS 1-V	519050	008	8/18/20	La-140	-3.52E+00	9.63E+00	2.43E+01	U
TV	OFS 1-V	519050	008	8/18/20	Mn-54	2.29E+00	4.56E+00	1.52E+01	U
TV	OFS 1-V	519050	008	8/18/20	Nb-95	2.85E+00	4.58E+00	1.41E+01	U
TV	OFS 1-V	519050	008	8/18/20	K-40	2.65E+03	2.23E+02	1.39E+02	
TV	OFS 1-V	519050	008	8/18/20	Ru-103	6.40E+00	4.32E+00	1.48E+01	U
TV	OFS 1-V	519050	008	8/18/20	Ru-106	3.00E+01	3.80E+01	1.30E+02	U
TV	OFS 1-V	519050	008	8/18/20	Se-75	1.26E+00	5.50E+00	1.76E+01	U
TV	OFS 1-V	519050	008	8/18/20	Ag-108m	9.60E+00	4.29E+00	1.40E+01	U
TV	OFS 1-V	519050	008	8/18/20	Ag-110m	-7.63E+00	7.56E+00	2.19E+01	U
TV	OFS 1-V	519050	008	8/18/20	Th-228	-6.45E+00	1.27E+01	4.54E+01	U
TV	OFS 1-V	519050	008	8/18/20	Zn-65	1.17E+01	1.04E+01	3.67E+01	U
TV	OFS 1-V	519050	008	8/18/20	Zr-95	2.73E+00	7.43E+00	2.49E+01	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	STJ	501573	023	1/15/20	Ac-228	-1.43E+01	9.02E+00	2.55E+01	U
WD	STJ	501573	023	1/15/20	Sb-124	7.74E+00	4.63E+00	1.83E+01	U
WD	STJ	501573	023	1/15/20	Sb-125	2.75E+00	4.34E+00	1.54E+01	U
WD	STJ	501573	023	1/15/20	BETA	-9.96E-01	9.73E-01	3.40E+00	U
WD	STJ	501573	023	1/15/20	Ba-140	7.01E+00	7.27E+00	2.61E+01	U
WD	STJ	501573	023	1/15/20	Be-7	-3.77E+00	1.31E+01	4.32E+01	U
WD	STJ	501573	023	1/15/20	Ce-141	8.74E+00	3.41E+00	8.17E+00	UI
WD	STJ	501573	023	1/15/20	Ce-144	1.56E+01	1.20E+01	4.02E+01	U
WD	STJ	501573	023	1/15/20	Cs-134	1.12E+00	2.25E+00	8.03E+00	U
WD	STJ	501573	023	1/15/20	Cs-137	-8.20E-01	1.33E+00	3.92E+00	U
WD	STJ	501573	023	1/15/20	Cr-51	3.99E+00	1.66E+01	4.90E+01	U
WD	STJ	501573	023	1/15/20	Co-57	2.26E+00	1.42E+00	4.74E+00	U
WD	STJ	501573	023	1/15/20	Co-58	6.53E-01	1.92E+00	6.45E+00	U
WD	STJ	501573	023	1/15/20	Co-60	1.40E-01	1.67E+00	5.65E+00	U
WD	STJ	501573	023	1/15/20	I-131	-1.53E-01	2.49E+00	7.69E+00	U
WD	STJ	501573	023	1/15/20	Fe-59	2.05E+00	3.48E+00	1.26E+01	U
WD	STJ	501573	023	1/15/20	La-140	-3.16E-01	3.17E+00	1.03E+01	U
WD	STJ	501573	023	1/15/20	Mn-54	7.42E-01	1.46E+00	5.06E+00	U
WD	STJ	501573	023	1/15/20	Nb-95	1.75E-01	1.79E+00	5.30E+00	U
WD	STJ	501573	023	1/15/20	K-40	-5.65E+01	2.72E+01	6.93E+01	U
WD	STJ	501573	023	1/15/20	Ru-103	-2.73E+00	1.87E+00	5.12E+00	U
WD	STJ	501573	023	1/15/20	Ru-106	3.84E+00	1.49E+01	5.07E+01	U
WD	STJ	501573	023	1/15/20	Se-75	3.19E-01	2.05E+00	6.62E+00	U
WD	STJ	501573	023	1/15/20	Ag-108m	-3.61E-01	1.18E+00	3.91E+00	U
WD	STJ	501573	023	1/15/20	Ag-110m	-4.23E-01	2.30E+00	7.21E+00	U
WD	STJ	501573	023	1/15/20	Th-228	2.55E+00	5.30E+00	1.37E+01	U
WD	STJ	501573	023	1/15/20	Zn-65	6.07E+00	3.46E+00	1.34E+01	U
WD	STJ	501573	023	1/15/20	Zr-95	1.09E+00	2.72E+00	9.32E+00	U
WD	STJ	501573	024	1/15/20	I-131	5.56E-02	1.57E-01	5.14E-01	U
WD	LTW	501573	025	1/15/20	Ac-228	1.40E+01	8.27E+00	2.77E+01	U
WD	LTW	501573	025	1/15/20	Sb-124	-8.27E+00	3.83E+00	5.12E+00	U
WD	LTW	501573	025	1/15/20	Sb-125	5.86E-01	3.45E+00	1.14E+01	U
WD	LTW	501573	025	1/15/20	BETA	9.98E-01	9.32E-01	2.90E+00	U
WD	LTW	501573	025	1/15/20	Ba-140	-7.66E+00	8.04E+00	2.12E+01	U
WD	LTW	501573	025	1/15/20	Be-7	-1.94E+00	1.06E+01	3.36E+01	U
WD	LTW	501573	025	1/15/20	Ce-141	-3.18E+00	2.27E+00	6.69E+00	U
WD	LTW	501573	025	1/15/20	Ce-144	1.32E+01	8.59E+00	2.71E+01	U
WD	LTW	501573	025	1/15/20	Cs-134	-7.80E-01	1.58E+00	5.01E+00	U
WD	LTW	501573	025	1/15/20	Cs-137	1.65E+00	1.53E+00	5.02E+00	U
WD	LTW	501573	025	1/15/20	Cr-51	-1.02E+00	1.13E+01	3.73E+01	U
WD	LTW	501573	025	1/15/20	Co-57	7.47E-01	9.74E-01	3.12E+00	U
WD	LTW	501573	025	1/15/20	Co-58	-8.95E-01	1.34E+00	4.11E+00	U
WD	LTW	501573	025	1/15/20	Co-60	-3.18E-01	1.49E+00	4.63E+00	U
WD	LTW	501573	025	1/15/20	I-131	-1.99E+00	1.86E+00	5.37E+00	U
WD	LTW	501573	025	1/15/20	Fe-59	1.21E-01	2.65E+00	8.70E+00	U
WD	LTW	501573	025	1/15/20	La-140	1.60E+00	2.32E+00	8.41E+00	U
WD	LTW	501573	025	1/15/20	Mn-54	-1.02E+00	1.36E+00	4.12E+00	U
WD	LTW	501573	025	1/15/20	Nb-95	2.38E-01	1.55E+00	5.17E+00	U
WD	LTW	501573	025	1/15/20	K-40	-3.04E+01	1.91E+01	5.77E+01	U
WD	LTW	501573	025	1/15/20	Ru-103	4.58E-02	1.37E+00	4.41E+00	U
WD	LTW	501573	025	1/15/20	Ru-106	4.36E+00	1.14E+01	3.99E+01	U
WD	LTW	501573	025	1/15/20	Se-75	3.33E+00	2.04E+00	5.58E+00	U
WD	LTW	501573	025	1/15/20	Ag-108m	-5.93E-01	1.06E+00	3.25E+00	U
WD	LTW	501573	025	1/15/20	Ag-110m	-2.81E+00	1.86E+00	4.59E+00	U
WD	LTW	501573	025	1/15/20	Th-228	1.20E+01	4.69E+00	6.54E+00	
WD	LTW	501573	025	1/15/20	Zn-65	-1.94E+00	2.74E+00	7.91E+00	U
WD	LTW	501573	025	1/15/20	Zr-95	1.07E+00	2.72E+00	9.39E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	501573	026	1/15/20	I-131	3.23E-02	1.47E-01	4.80E-01	U
WD	STJ	502866	023	1/29/20	Ac-228	2.68E+00	2.19E+00	7.36E+00	U
WD	STJ	502866	023	1/29/20	Sb-124	1.61E+00	1.51E+00	4.66E+00	U
WD	STJ	502866	023	1/29/20	Sb-125	9.11E-01	1.31E+00	4.37E+00	U
WD	STJ	502866	023	1/29/20	BETA	-1.73E-01	8.33E-01	2.71E+00	U
WD	STJ	502866	023	1/29/20	Ba-140	5.38E-01	2.39E+00	7.82E+00	U
WD	STJ	502866	023	1/29/20	Be-7	-3.13E+00	4.25E+00	1.34E+01	U
WD	STJ	502866	023	1/29/20	Ce-141	3.66E+00	1.39E+00	2.82E+00	UI
WD	STJ	502866	023	1/29/20	Ce-144	-8.89E+00	4.05E+00	1.05E+01	U
WD	STJ	502866	023	1/29/20	Cs-134	2.47E-01	5.58E-01	1.91E+00	U
WD	STJ	502866	023	1/29/20	Cs-137	-6.64E-01	1.30E+00	1.83E+00	U
WD	STJ	502866	023	1/29/20	Cr-51	-6.78E+00	4.76E+00	1.45E+01	U
WD	STJ	502866	023	1/29/20	Co-57	3.26E-01	4.67E-01	1.51E+00	U
WD	STJ	502866	023	1/29/20	Co-58	9.42E-02	5.07E-01	1.73E+00	U
WD	STJ	502866	023	1/29/20	Co-60	-1.32E-01	5.27E-01	1.68E+00	U
WD	STJ	502866	023	1/29/20	I-131	1.34E-01	8.16E-01	2.74E+00	U
WD	STJ	502866	023	1/29/20	Fe-59	-1.29E+00	1.22E+00	3.70E+00	U
WD	STJ	502866	023	1/29/20	La-140	4.98E-02	7.87E-01	2.67E+00	U
WD	STJ	502866	023	1/29/20	Mn-54	9.16E-01	5.68E-01	1.88E+00	U
WD	STJ	502866	023	1/29/20	Nb-95	8.17E-02	5.04E-01	1.72E+00	U
WD	STJ	502866	023	1/29/20	K-40	-7.28E+00	1.10E+01	2.59E+01	U
WD	STJ	502866	023	1/29/20	Ru-103	1.97E-01	5.37E-01	1.77E+00	U
WD	STJ	502866	023	1/29/20	Ru-106	-3.15E+00	4.45E+00	1.37E+01	U
WD	STJ	502866	023	1/29/20	Se-75	-7.85E-02	6.71E-01	2.28E+00	U
WD	STJ	502866	023	1/29/20	Ag-108m	3.88E-01	4.62E-01	1.54E+00	U
WD	STJ	502866	023	1/29/20	Ag-110m	6.96E-01	7.03E-01	2.39E+00	U
WD	STJ	502866	023	1/29/20	Th-228	5.84E+00	2.70E+00	3.82E+00	UI
WD	STJ	502866	023	1/29/20	Zn-65	-2.12E-01	1.07E+00	3.49E+00	U
WD	STJ	502866	023	1/29/20	Zr-95	-1.34E+00	9.35E-01	2.82E+00	U
WD	STJ	502866	024	1/29/20	I-131	-5.25E-01	2.05E-01	7.08E-01	U
WD	LTW	502866	025	1/29/20	Ac-228	1.65E-01	4.62E+00	1.20E+01	U
WD	LTW	502866	025	1/29/20	Sb-124	-3.30E+00	2.74E+00	6.82E+00	U
WD	LTW	502866	025	1/29/20	Sb-125	7.60E+00	3.95E+00	9.42E+00	U
WD	LTW	502866	025	1/29/20	BETA	7.95E-01	1.07E+00	3.32E+00	U
WD	LTW	502866	025	1/29/20	Ba-140	-1.60E+00	6.28E+00	2.00E+01	U
WD	LTW	502866	025	1/29/20	Be-7	1.20E+01	8.73E+00	2.93E+01	U
WD	LTW	502866	025	1/29/20	Ce-141	8.87E-01	2.01E+00	6.50E+00	U
WD	LTW	502866	025	1/29/20	Ce-144	3.77E-01	5.83E+00	1.88E+01	U
WD	LTW	502866	025	1/29/20	Cs-134	1.93E+00	1.89E+00	3.03E+00	U
WD	LTW	502866	025	1/29/20	Cs-137	-5.05E-01	9.93E-01	3.04E+00	U
WD	LTW	502866	025	1/29/20	Cr-51	-4.41E+00	8.92E+00	2.92E+01	U
WD	LTW	502866	025	1/29/20	Co-57	1.80E-01	7.59E-01	2.47E+00	U
WD	LTW	502866	025	1/29/20	Co-58	1.74E-01	8.87E-01	3.04E+00	U
WD	LTW	502866	025	1/29/20	Co-60	6.96E-01	9.16E-01	3.16E+00	U
WD	LTW	502866	025	1/29/20	I-131	3.48E+00	2.80E+00	9.53E+00	U
WD	LTW	502866	025	1/29/20	Fe-59	-7.13E-02	2.07E+00	6.81E+00	U
WD	LTW	502866	025	1/29/20	La-140	2.97E+00	2.72E+00	9.64E+00	U
WD	LTW	502866	025	1/29/20	Mn-54	-7.30E-01	8.34E-01	2.58E+00	U
WD	LTW	502866	025	1/29/20	Nb-95	-4.05E-01	1.02E+00	3.35E+00	U
WD	LTW	502866	025	1/29/20	K-40	3.95E+01	1.87E+01	3.15E+01	UI
WD	LTW	502866	025	1/29/20	Ru-103	-7.28E-01	1.14E+00	3.11E+00	U
WD	LTW	502866	025	1/29/20	Ru-106	-1.54E+01	9.70E+00	2.57E+01	U
WD	LTW	502866	025	1/29/20	Se-75	1.67E+00	1.23E+00	4.20E+00	U
WD	LTW	502866	025	1/29/20	Ag-108m	7.34E-01	7.68E-01	2.61E+00	U
WD	LTW	502866	025	1/29/20	Ag-110m	-2.97E-02	1.31E+00	4.39E+00	U
WD	LTW	502866	025	1/29/20	Th-228	5.58E-01	3.29E+00	6.51E+00	U
WD	LTW	502866	025	1/29/20	Zn-65	-6.52E-01	1.80E+00	5.72E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	502866	025	1/29/20	Zr-95	2.74E+00	1.63E+00	5.72E+00	U
WD	LTW	502866	026	1/29/20	I-131	1.58E-01	2.36E-01	7.68E-01	U
WD	STJ	504322	023	2/12/20	Ac-228	4.29E+00	6.54E+00	1.60E+01	U
WD	STJ	504322	023	2/12/20	Sb-124	3.54E+00	3.15E+00	1.15E+01	U
WD	STJ	504322	023	2/12/20	Sb-125	-1.84E+00	2.91E+00	9.15E+00	U
WD	STJ	504322	023	2/12/20	BETA	2.09E+00	9.31E-01	2.49E+00	U
WD	STJ	504322	023	2/12/20	Ba-140	-4.47E+00	4.91E+00	1.44E+01	U
WD	STJ	504322	023	2/12/20	Be-7	1.30E+01	9.90E+00	3.45E+01	U
WD	STJ	504322	023	2/12/20	Ce-141	-5.23E+00	2.54E+00	5.93E+00	U
WD	STJ	504322	023	2/12/20	Ce-144	4.55E-01	7.52E+00	2.41E+01	U
WD	STJ	504322	023	2/12/20	Cs-134	1.08E+00	1.16E+00	4.06E+00	U
WD	STJ	504322	023	2/12/20	Cs-137	-6.24E-01	1.19E+00	3.63E+00	U
WD	STJ	504322	023	2/12/20	Cr-51	-7.99E+00	1.01E+01	3.20E+01	U
WD	STJ	504322	023	2/12/20	Co-57	7.67E-01	1.07E+00	3.28E+00	U
WD	STJ	504322	023	2/12/20	Co-58	8.38E-01	1.11E+00	3.80E+00	U
WD	STJ	504322	023	2/12/20	Co-60	1.60E-01	5.03E-01	1.83E+00	U
WD	STJ	504322	023	2/12/20	I-131	2.74E-01	1.79E+00	6.08E+00	U
WD	STJ	504322	023	2/12/20	Fe-59	8.91E-01	2.36E+00	8.25E+00	U
WD	STJ	504322	023	2/12/20	La-140	9.54E-03	1.71E+00	5.62E+00	U
WD	STJ	504322	023	2/12/20	Mn-54	8.27E-01	1.38E+00	4.61E+00	U
WD	STJ	504322	023	2/12/20	Nb-95	1.56E+00	1.35E+00	4.63E+00	U
WD	STJ	504322	023	2/12/20	K-40	2.03E+01	1.80E+01	6.60E+01	U
WD	STJ	504322	023	2/12/20	Ru-103	-5.20E-01	1.10E+00	3.48E+00	U
WD	STJ	504322	023	2/12/20	Ru-106	4.08E-01	9.41E+00	3.09E+01	U
WD	STJ	504322	023	2/12/20	Se-75	-1.20E+00	1.51E+00	4.86E+00	U
WD	STJ	504322	023	2/12/20	Ag-108m	3.69E-02	1.08E+00	3.26E+00	U
WD	STJ	504322	023	2/12/20	Ag-110m	-6.35E-01	1.62E+00	4.92E+00	U
WD	STJ	504322	023	2/12/20	Th-228	5.66E-01	3.48E+00	1.33E+01	U
WD	STJ	504322	023	2/12/20	Zn-65	-3.88E+00	2.94E+00	8.14E+00	U
WD	STJ	504322	023	2/12/20	Zr-95	8.71E-01	1.72E+00	5.86E+00	U
WD	STJ	504322	024	2/12/20	I-131	4.68E-02	2.59E-01	8.48E-01	U
WD	LTW	504322	025	2/12/20	Ac-228	8.99E+00	5.66E+00	1.79E+01	U
WD	LTW	504322	025	2/12/20	Sb-124	1.90E-02	2.20E+00	7.28E+00	U
WD	LTW	504322	025	2/12/20	Sb-125	1.39E+01	6.86E+00	7.64E+00	UI
WD	LTW	504322	025	2/12/20	BETA	1.78E+00	7.67E-01	1.92E+00	U
WD	LTW	504322	025	2/12/20	Ba-140	1.00E+01	4.87E+00	1.68E+01	U
WD	LTW	504322	025	2/12/20	Be-7	6.60E+00	8.09E+00	2.83E+01	U
WD	LTW	504322	025	2/12/20	Ce-141	1.24E-01	1.68E+00	5.46E+00	U
WD	LTW	504322	025	2/12/20	Ce-144	-4.26E+00	6.36E+00	1.97E+01	U
WD	LTW	504322	025	2/12/20	Cs-134	-1.43E+00	9.75E-01	2.10E+00	U
WD	LTW	504322	025	2/12/20	Cs-137	1.37E-01	1.02E+00	3.38E+00	U
WD	LTW	504322	025	2/12/20	Cr-51	-4.84E-02	9.77E+00	2.83E+01	U
WD	LTW	504322	025	2/12/20	Co-57	-1.36E+00	9.49E-01	2.70E+00	U
WD	LTW	504322	025	2/12/20	Co-58	-4.33E-01	8.60E-01	2.60E+00	U
WD	LTW	504322	025	2/12/20	Co-60	-1.32E+00	9.93E-01	2.53E+00	U
WD	LTW	504322	025	2/12/20	I-131	-8.20E-01	1.44E+00	4.68E+00	U
WD	LTW	504322	025	2/12/20	Fe-59	1.03E+00	1.58E+00	5.45E+00	U
WD	LTW	504322	025	2/12/20	La-140	-3.81E-01	1.29E+00	4.03E+00	U
WD	LTW	504322	025	2/12/20	Mn-54	1.22E+00	9.09E-01	3.14E+00	U
WD	LTW	504322	025	2/12/20	Nb-95	-2.61E-01	7.84E-01	2.44E+00	U
WD	LTW	504322	025	2/12/20	K-40	-2.01E+01	1.41E+01	4.27E+01	U
WD	LTW	504322	025	2/12/20	Ru-103	-1.95E+00	1.05E+00	2.64E+00	U
WD	LTW	504322	025	2/12/20	Ru-106	-1.55E+00	7.79E+00	2.52E+01	U
WD	LTW	504322	025	2/12/20	Se-75	1.21E+00	1.37E+00	4.45E+00	U
WD	LTW	504322	025	2/12/20	Ag-108m	-4.24E-01	8.54E-01	2.44E+00	U
WD	LTW	504322	025	2/12/20	Ag-110m	-1.41E+00	1.43E+00	3.99E+00	U
WD	LTW	504322	025	2/12/20	Th-228	5.19E+00	2.93E+00	5.23E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	504322	025	2/12/20	Zn-65	-1.84E+00	1.92E+00	5.01E+00	U
WD	LTW	504322	025	2/12/20	Zr-95	1.87E+00	2.84E+00	6.93E+00	U
WD	LTW	504322	026	2/12/20	I-131	-9.63E-02	2.59E-01	8.64E-01	U
WD	STJ	505570	023	2/26/20	Ac-228	1.36E+00	5.05E+00	1.64E+01	U
WD	STJ	505570	023	2/26/20	Sb-124	1.42E+00	2.05E+00	7.44E+00	U
WD	STJ	505570	023	2/26/20	Sb-125	-9.74E-01	2.73E+00	9.01E+00	U
WD	STJ	505570	023	2/26/20	BETA	9.47E-01	9.36E-01	2.81E+00	U
WD	STJ	505570	023	2/26/20	Ba-140	-9.79E-01	4.72E+00	1.55E+01	U
WD	STJ	505570	023	2/26/20	Be-7	4.23E+00	7.39E+00	2.57E+01	U
WD	STJ	505570	023	2/26/20	Ce-141	-3.53E+00	2.18E+00	5.97E+00	U
WD	STJ	505570	023	2/26/20	Ce-144	-5.10E-01	7.52E+00	2.41E+01	U
WD	STJ	505570	023	2/26/20	Cs-134	-2.85E-01	1.08E+00	3.44E+00	U
WD	STJ	505570	023	2/26/20	Cs-137	2.15E-01	1.15E+00	3.56E+00	U
WD	STJ	505570	023	2/26/20	Cr-51	8.33E+00	9.33E+00	3.27E+01	U
WD	STJ	505570	023	2/26/20	Co-57	7.61E-01	9.16E-01	3.01E+00	U
WD	STJ	505570	023	2/26/20	Co-58	-5.70E-01	1.01E+00	3.09E+00	U
WD	STJ	505570	023	2/26/20	Co-60	-4.80E-01	9.71E-01	3.08E+00	U
WD	STJ	505570	023	2/26/20	I-131	-8.31E-01	1.39E+00	4.51E+00	U
WD	STJ	505570	023	2/26/20	Fe-59	2.41E+00	2.60E+00	5.49E+00	U
WD	STJ	505570	023	2/26/20	La-140	-1.77E+00	1.64E+00	4.58E+00	U
WD	STJ	505570	023	2/26/20	Mn-54	-8.05E-01	1.07E+00	3.21E+00	U
WD	STJ	505570	023	2/26/20	Nb-95	1.11E-02	1.03E+00	3.38E+00	U
WD	STJ	505570	023	2/26/20	K-40	-4.51E+01	1.82E+01	4.38E+01	U
WD	STJ	505570	023	2/26/20	Ru-103	3.33E-01	1.04E+00	3.55E+00	U
WD	STJ	505570	023	2/26/20	Ru-106	-4.65E+00	9.57E+00	3.04E+01	U
WD	STJ	505570	023	2/26/20	Se-75	-2.00E-01	1.46E+00	4.51E+00	U
WD	STJ	505570	023	2/26/20	Ag-108m	-2.83E-01	8.94E-01	2.95E+00	U
WD	STJ	505570	023	2/26/20	Ag-110m	2.37E-01	1.09E+00	3.64E+00	U
WD	STJ	505570	023	2/26/20	Th-228	-2.84E+00	2.67E+00	7.75E+00	U
WD	STJ	505570	023	2/26/20	Zn-65	1.25E+00	1.81E+00	5.76E+00	U
WD	STJ	505570	023	2/26/20	Zr-95	6.44E-01	1.70E+00	5.75E+00	U
WD	STJ	505570	024	2/26/20	I-131	1.26E-01	1.88E-01	6.08E-01	U
WD	LTW	505570	025	2/26/20	Ac-228	1.15E+01	6.79E+00	1.69E+01	U
WD	LTW	505570	025	2/26/20	Sb-124	-2.85E+00	2.48E+00	6.39E+00	U
WD	LTW	505570	025	2/26/20	Sb-125	3.09E-01	2.59E+00	8.81E+00	U
WD	LTW	505570	025	2/26/20	BETA	7.37E-01	8.78E-01	2.70E+00	U
WD	LTW	505570	025	2/26/20	Ba-140	2.18E+00	3.04E+00	1.08E+01	U
WD	LTW	505570	025	2/26/20	Be-7	3.29E+01	1.24E+01	2.41E+01	UI
WD	LTW	505570	025	2/26/20	Ce-141	-2.01E+00	1.70E+00	4.45E+00	U
WD	LTW	505570	025	2/26/20	Ce-144	9.60E+00	6.70E+00	2.20E+01	U
WD	LTW	505570	025	2/26/20	Cs-134	-1.77E+00	1.23E+00	3.18E+00	U
WD	LTW	505570	025	2/26/20	Cs-137	-1.77E-01	8.41E-01	2.70E+00	U
WD	LTW	505570	025	2/26/20	Cr-51	8.59E+00	7.39E+00	2.63E+01	U
WD	LTW	505570	025	2/26/20	Co-57	-5.01E-01	8.20E-01	2.56E+00	U
WD	LTW	505570	025	2/26/20	Co-58	3.07E-01	9.78E-01	3.27E+00	U
WD	LTW	505570	025	2/26/20	Co-60	-4.87E-01	9.36E-01	2.90E+00	U
WD	LTW	505570	025	2/26/20	I-131	8.32E-01	1.49E+00	5.21E+00	U
WD	LTW	505570	025	2/26/20	Fe-59	-1.05E+00	2.28E+00	5.85E+00	U
WD	LTW	505570	025	2/26/20	La-140	-1.04E+00	1.30E+00	3.93E+00	U
WD	LTW	505570	025	2/26/20	Mn-54	-5.81E-01	1.04E+00	3.14E+00	U
WD	LTW	505570	025	2/26/20	Nb-95	1.12E+00	8.30E-01	2.83E+00	U
WD	LTW	505570	025	2/26/20	K-40	-3.38E+01	1.63E+01	4.24E+01	U
WD	LTW	505570	025	2/26/20	Ru-103	-2.07E+00	1.15E+00	2.99E+00	U
WD	LTW	505570	025	2/26/20	Ru-106	1.25E+01	8.76E+00	3.08E+01	U
WD	LTW	505570	025	2/26/20	Se-75	7.62E-01	1.33E+00	4.29E+00	U
WD	LTW	505570	025	2/26/20	Ag-108m	1.40E+00	1.03E+00	3.32E+00	U
WD	LTW	505570	025	2/26/20	Ag-110m	-1.02E+00	1.32E+00	3.98E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	505570	025	2/26/20	Th-228	4.73E+00	3.23E+00	7.83E+00	U
WD	LTW	505570	025	2/26/20	Zn-65	3.41E+00	2.31E+00	7.67E+00	U
WD	LTW	505570	025	2/26/20	Zr-95	-1.06E+00	1.88E+00	5.75E+00	U
WD	LTW	505570	026	2/26/20	I-131	-1.20E-01	2.97E-01	9.83E-01	U
WD	STJ	506925	023	3/11/20	Ac-228	-9.71E+00	8.14E+00	2.28E+01	U
WD	STJ	506925	023	3/11/20	Sb-124	6.17E+00	3.93E+00	1.49E+01	U
WD	STJ	506925	023	3/11/20	Sb-125	6.85E-01	3.37E+00	1.11E+01	U
WD	STJ	506925	023	3/11/20	BETA	1.95E+00	9.17E-01	2.46E+00	U
WD	STJ	506925	023	3/11/20	Ba-140	8.87E+00	6.62E+00	2.26E+01	U
WD	STJ	506925	023	3/11/20	Be-7	-9.60E+00	1.27E+01	3.77E+01	U
WD	STJ	506925	023	3/11/20	Ce-141	9.75E+00	5.25E+00	6.02E+00	UI
WD	STJ	506925	023	3/11/20	Ce-144	2.71E+00	7.66E+00	2.43E+01	U
WD	STJ	506925	023	3/11/20	Cs-134	-2.14E+00	1.68E+00	4.68E+00	U
WD	STJ	506925	023	3/11/20	Cs-137	-9.61E-02	1.29E+00	4.35E+00	U
WD	STJ	506925	023	3/11/20	Cr-51	-2.74E+01	1.18E+01	2.51E+01	U
WD	STJ	506925	023	3/11/20	Co-57	4.07E-01	1.05E+00	3.28E+00	U
WD	STJ	506925	023	3/11/20	Co-58	-1.81E+00	1.40E+00	3.80E+00	U
WD	STJ	506925	023	3/11/20	Co-60	-1.10E+00	1.53E+00	4.29E+00	U
WD	STJ	506925	023	3/11/20	I-131	-3.60E-01	2.01E+00	6.51E+00	U
WD	STJ	506925	023	3/11/20	Fe-59	2.66E+00	3.01E+00	1.06E+01	U
WD	STJ	506925	023	3/11/20	La-140	-1.69E+00	2.17E+00	6.27E+00	U
WD	STJ	506925	023	3/11/20	Mn-54	-1.65E+00	1.54E+00	4.44E+00	U
WD	STJ	506925	023	3/11/20	Nb-95	4.27E+00	1.88E+00	6.41E+00	U
WD	STJ	506925	023	3/11/20	K-40	-3.13E+01	2.03E+01	5.59E+01	U
WD	STJ	506925	023	3/11/20	Ru-103	-2.80E+00	1.63E+00	4.01E+00	U
WD	STJ	506925	023	3/11/20	Ru-106	2.38E+01	1.25E+01	4.44E+01	U
WD	STJ	506925	023	3/11/20	Se-75	2.30E+00	1.63E+00	5.58E+00	U
WD	STJ	506925	023	3/11/20	Ag-108m	1.81E+00	1.31E+00	4.44E+00	U
WD	STJ	506925	023	3/11/20	Ag-110m	1.15E+00	2.25E+00	7.74E+00	U
WD	STJ	506925	023	3/11/20	Th-228	4.81E+00	4.14E+00	6.54E+00	U
WD	STJ	506925	023	3/11/20	Zn-65	-5.13E+00	3.29E+00	7.69E+00	U
WD	STJ	506925	023	3/11/20	Zr-95	2.28E-01	2.53E+00	8.58E+00	U
WD	STJ	506925	024	3/11/20	I-131	-1.52E+00	2.09E-01	7.96E-01	U
WD	LTW	506925	025	3/11/20	Ac-228	9.78E+00	5.60E+00	1.93E+01	U
WD	LTW	506925	025	3/11/20	Sb-124	-3.26E-01	2.72E+00	8.62E+00	U
WD	LTW	506925	025	3/11/20	Sb-125	-3.63E+00	4.15E+00	1.26E+01	U
WD	LTW	506925	025	3/11/20	BETA	2.14E+00	9.33E-01	2.45E+00	U
WD	LTW	506925	025	3/11/20	Ba-140	1.72E+00	6.30E+00	2.05E+01	U
WD	LTW	506925	025	3/11/20	Be-7	3.75E+00	1.10E+01	3.61E+01	U
WD	LTW	506925	025	3/11/20	Ce-141	-6.03E-01	2.35E+00	7.32E+00	U
WD	LTW	506925	025	3/11/20	Ce-144	3.53E+00	7.72E+00	2.53E+01	U
WD	LTW	506925	025	3/11/20	Cs-134	1.57E-01	1.44E+00	4.77E+00	U
WD	LTW	506925	025	3/11/20	Cs-137	1.60E+00	1.50E+00	5.19E+00	U
WD	LTW	506925	025	3/11/20	Cr-51	-2.50E+00	1.16E+01	3.80E+01	U
WD	LTW	506925	025	3/11/20	Co-57	2.06E-01	1.02E+00	3.12E+00	U
WD	LTW	506925	025	3/11/20	Co-58	-1.88E+00	1.38E+00	3.73E+00	U
WD	LTW	506925	025	3/11/20	Co-60	-9.00E-01	1.15E+00	3.28E+00	U
WD	LTW	506925	025	3/11/20	I-131	-6.54E-01	2.05E+00	6.24E+00	U
WD	LTW	506925	025	3/11/20	Fe-59	9.89E-02	2.43E+00	8.18E+00	U
WD	LTW	506925	025	3/11/20	La-140	-2.92E+00	2.51E+00	6.71E+00	U
WD	LTW	506925	025	3/11/20	Mn-54	7.80E-01	1.47E+00	4.41E+00	U
WD	LTW	506925	025	3/11/20	Nb-95	-1.01E+00	1.48E+00	4.57E+00	U
WD	LTW	506925	025	3/11/20	K-40	-2.63E+01	1.70E+01	4.71E+01	U
WD	LTW	506925	025	3/11/20	Ru-103	6.80E-02	1.39E+00	4.49E+00	U
WD	LTW	506925	025	3/11/20	Ru-106	2.34E+01	1.22E+01	4.19E+01	U
WD	LTW	506925	025	3/11/20	Se-75	-3.23E+00	1.68E+00	4.49E+00	U
WD	LTW	506925	025	3/11/20	Ag-108m	-1.06E+00	1.22E+00	3.67E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	506925	025	3/11/20	Ag-110m	-6.81E-01	3.08E+00	5.39E+00	U
WD	LTW	506925	025	3/11/20	Th-228	4.12E+00	2.88E+00	6.82E+00	U
WD	LTW	506925	025	3/11/20	Zn-65	-2.85E+00	3.18E+00	7.74E+00	U
WD	LTW	506925	025	3/11/20	Zr-95	-1.96E+00	2.26E+00	6.71E+00	U
WD	LTW	506925	026	3/11/20	I-131	-1.52E+00	2.42E-01	8.87E-01	U
WD	STJ	507951	023	3/25/20	Ac-228	-7.46E+00	6.43E+00	1.92E+01	U
WD	STJ	507951	023	3/25/20	Sb-124	1.60E+00	3.34E+00	1.18E+01	U
WD	STJ	507951	023	3/25/20	Sb-125	-1.48E-02	2.83E+00	9.36E+00	U
WD	STJ	507951	023	3/25/20	BETA	1.25E+00	9.45E-01	2.77E+00	U
WD	STJ	507951	023	3/25/20	Ba-140	-2.86E+00	4.09E+00	1.21E+01	U
WD	STJ	507951	023	3/25/20	Be-7	1.76E+01	1.60E+01	3.48E+01	U
WD	STJ	507951	023	3/25/20	Ce-141	2.02E+00	2.06E+00	6.76E+00	U
WD	STJ	507951	023	3/25/20	Ce-144	-2.38E+00	8.71E+00	2.75E+01	U
WD	STJ	507951	023	3/25/20	Cs-134	1.44E+00	1.20E+00	4.38E+00	U
WD	STJ	507951	023	3/25/20	Cs-137	4.41E+00	1.19E+00	3.25E+00	UI
WD	STJ	507951	023	3/25/20	Cr-51	-2.89E+01	1.34E+01	3.32E+01	U
WD	STJ	507951	023	3/25/20	Co-57	1.28E-01	1.16E+00	3.77E+00	U
WD	STJ	507951	023	3/25/20	Co-58	-2.43E-01	1.06E+00	3.48E+00	U
WD	STJ	507951	023	3/25/20	Co-60	-2.69E+00	1.70E+00	4.16E+00	U
WD	STJ	507951	023	3/25/20	I-131	2.31E+00	1.56E+00	5.42E+00	U
WD	STJ	507951	023	3/25/20	Fe-59	4.20E+00	3.19E+00	1.13E+01	U
WD	STJ	507951	023	3/25/20	La-140	-1.00E+00	2.05E+00	6.47E+00	U
WD	STJ	507951	023	3/25/20	Mn-54	-2.06E+00	1.40E+00	3.81E+00	U
WD	STJ	507951	023	3/25/20	Nb-95	1.09E-01	1.24E+00	4.23E+00	U
WD	STJ	507951	023	3/25/20	K-40	8.33E+00	2.23E+01	4.45E+01	U
WD	STJ	507951	023	3/25/20	Ru-103	-1.97E+00	1.62E+00	3.93E+00	U
WD	STJ	507951	023	3/25/20	Ru-106	-7.34E-01	9.43E+00	3.00E+01	U
WD	STJ	507951	023	3/25/20	Se-75	5.89E-01	1.52E+00	5.29E+00	U
WD	STJ	507951	023	3/25/20	Ag-108m	-1.34E+00	1.19E+00	3.48E+00	U
WD	STJ	507951	023	3/25/20	Ag-110m	-2.00E+00	1.97E+00	5.82E+00	U
WD	STJ	507951	023	3/25/20	Th-228	4.28E+00	3.53E+00	8.50E+00	U
WD	STJ	507951	023	3/25/20	Zn-65	-3.22E-03	2.69E+00	8.88E+00	U
WD	STJ	507951	023	3/25/20	Zr-95	4.24E+00	2.34E+00	8.59E+00	U
WD	STJ	507951	024	3/25/20	I-131	3.09E-02	2.09E-01	6.80E-01	U
WD	LTW	507951	025	3/25/20	Ac-228	-2.25E+00	5.49E+00	1.67E+01	U
WD	LTW	507951	025	3/25/20	Sb-124	-9.30E-01	2.79E+00	8.80E+00	U
WD	LTW	507951	025	3/25/20	Sb-125	-8.62E-01	3.86E+00	1.20E+01	U
WD	LTW	507951	025	3/25/20	BETA	1.12E+00	7.78E-01	2.18E+00	U
WD	LTW	507951	025	3/25/20	Ba-140	5.17E+00	5.54E+00	1.94E+01	U
WD	LTW	507951	025	3/25/20	Be-7	8.97E+00	9.43E+00	3.35E+01	U
WD	LTW	507951	025	3/25/20	Ce-141	1.69E-01	2.24E+00	6.70E+00	U
WD	LTW	507951	025	3/25/20	Ce-144	-6.00E+00	7.98E+00	2.32E+01	U
WD	LTW	507951	025	3/25/20	Cs-134	-1.47E-01	1.49E+00	4.17E+00	U
WD	LTW	507951	025	3/25/20	Cs-137	-3.10E-01	1.18E+00	3.78E+00	U
WD	LTW	507951	025	3/25/20	Cr-51	2.15E+01	1.20E+01	3.98E+01	U
WD	LTW	507951	025	3/25/20	Co-57	1.39E+00	1.16E+00	3.72E+00	U
WD	LTW	507951	025	3/25/20	Co-58	-1.10E-01	1.33E+00	4.13E+00	U
WD	LTW	507951	025	3/25/20	Co-60	-9.92E-01	1.55E+00	4.60E+00	U
WD	LTW	507951	025	3/25/20	I-131	3.83E-02	1.89E+00	5.51E+00	U
WD	LTW	507951	025	3/25/20	Fe-59	3.00E-01	3.11E+00	1.05E+01	U
WD	LTW	507951	025	3/25/20	La-140	3.18E+00	2.30E+00	7.77E+00	U
WD	LTW	507951	025	3/25/20	Mn-54	8.32E-01	1.48E+00	4.98E+00	U
WD	LTW	507951	025	3/25/20	Nb-95	2.87E+00	1.52E+00	5.26E+00	U
WD	LTW	507951	025	3/25/20	K-40	-4.75E+01	2.17E+01	5.49E+01	U
WD	LTW	507951	025	3/25/20	Ru-103	-2.22E+00	1.31E+00	3.00E+00	U
WD	LTW	507951	025	3/25/20	Ru-106	-3.52E+00	1.07E+01	3.41E+01	U
WD	LTW	507951	025	3/25/20	Se-75	1.37E+00	1.68E+00	5.71E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	507951	025	3/25/20	Ag-108m	-9.68E-01	1.17E+00	3.35E+00	U
WD	LTW	507951	025	3/25/20	Ag-110m	1.77E+00	1.45E+00	5.25E+00	U
WD	LTW	507951	025	3/25/20	Th-228	3.00E+00	4.82E+00	1.01E+01	U
WD	LTW	507951	025	3/25/20	Zn-65	-3.56E+00	2.69E+00	6.91E+00	U
WD	LTW	507951	025	3/25/20	Zr-95	2.15E+00	2.60E+00	8.93E+00	U
WD	LTW	507951	026	3/25/20	I-131	-8.10E-02	2.00E-01	6.76E-01	U
WD	STJ	509203	023	4/8/20	Ac-228	-6.03E+00	3.48E+00	6.36E+00	U
WD	STJ	509203	023	4/8/20	Sb-124	1.01E+00	9.61E-01	3.28E+00	U
WD	STJ	509203	023	4/8/20	Sb-125	6.33E-01	1.10E+00	3.72E+00	U
WD	STJ	509203	023	4/8/20	BETA	1.32E+00	1.14E+00	3.53E+00	U
WD	STJ	509203	023	4/8/20	Ba-140	-6.88E-01	1.61E+00	5.28E+00	U
WD	STJ	509203	023	4/8/20	Be-7	6.01E+00	3.87E+00	1.15E+01	U
WD	STJ	509203	023	4/8/20	Ce-141	-1.03E-02	7.42E-01	2.38E+00	U
WD	STJ	509203	023	4/8/20	Ce-144	4.24E+00	3.23E+00	1.01E+01	U
WD	STJ	509203	023	4/8/20	Cs-134	1.01E-01	4.49E-01	1.48E+00	U
WD	STJ	509203	023	4/8/20	Cs-137	4.93E-01	6.48E-01	1.44E+00	U
WD	STJ	509203	023	4/8/20	Cr-51	-5.19E-01	3.43E+00	1.17E+01	U
WD	STJ	509203	023	4/8/20	Co-57	8.54E-02	4.10E-01	1.32E+00	U
WD	STJ	509203	023	4/8/20	Co-58	2.46E-01	3.90E-01	1.29E+00	U
WD	STJ	509203	023	4/8/20	Co-60	8.10E-01	4.66E-01	1.56E+00	U
WD	STJ	509203	023	4/8/20	I-131	-1.55E-02	5.02E-01	1.71E+00	U
WD	STJ	509203	023	4/8/20	Fe-59	5.92E-01	1.07E+00	2.68E+00	U
WD	STJ	509203	023	4/8/20	La-140	-5.74E-01	6.10E-01	1.63E+00	U
WD	STJ	509203	023	4/8/20	Mn-54	-9.65E-02	4.48E-01	1.38E+00	U
WD	STJ	509203	023	4/8/20	Nb-95	4.96E-01	4.66E-01	1.39E+00	U
WD	STJ	509203	023	4/8/20	K-40	3.89E+00	1.11E+01	1.22E+01	U
WD	STJ	509203	023	4/8/20	Ru-103	-9.80E-01	4.70E-01	1.29E+00	U
WD	STJ	509203	023	4/8/20	Ru-106	-4.32E+00	3.71E+00	1.13E+01	U
WD	STJ	509203	023	4/8/20	Se-75	-1.43E-01	6.40E-01	1.98E+00	U
WD	STJ	509203	023	4/8/20	Ag-108m	-3.82E-01	3.69E-01	1.18E+00	U
WD	STJ	509203	023	4/8/20	Ag-110m	-5.23E-01	5.40E-01	1.63E+00	U
WD	STJ	509203	023	4/8/20	Th-228	5.70E-01	1.42E+00	3.02E+00	U
WD	STJ	509203	023	4/8/20	Zn-65	-6.23E-02	8.18E-01	2.60E+00	U
WD	STJ	509203	023	4/8/20	Zr-95	1.76E+00	8.46E-01	2.34E+00	U
WD	STJ	509203	024	4/8/20	I-131	3.38E-02	2.77E-01	9.10E-01	U
WD	LTW	509203	025	4/8/20	Ac-228	-1.57E+00	3.03E+00	7.18E+00	U
WD	LTW	509203	025	4/8/20	Sb-124	-1.05E+00	9.59E-01	2.78E+00	U
WD	LTW	509203	025	4/8/20	Sb-125	9.87E-01	1.19E+00	4.02E+00	U
WD	LTW	509203	025	4/8/20	BETA	1.03E+00	7.03E-01	1.96E+00	U
WD	LTW	509203	025	4/8/20	Ba-140	-3.52E+00	1.85E+00	5.06E+00	U
WD	LTW	509203	025	4/8/20	Be-7	-2.96E+00	3.60E+00	1.15E+01	U
WD	LTW	509203	025	4/8/20	Ce-141	-1.81E+00	9.10E-01	2.47E+00	U
WD	LTW	509203	025	4/8/20	Ce-144	-1.67E+00	3.20E+00	1.01E+01	U
WD	LTW	509203	025	4/8/20	Cs-134	-7.12E-01	5.37E-01	1.55E+00	U
WD	LTW	509203	025	4/8/20	Cs-137	3.89E-01	4.76E-01	1.57E+00	U
WD	LTW	509203	025	4/8/20	Cr-51	-7.48E-01	3.65E+00	1.24E+01	U
WD	LTW	509203	025	4/8/20	Co-57	2.24E-02	4.09E-01	1.32E+00	U
WD	LTW	509203	025	4/8/20	Co-58	-6.49E-01	6.33E-01	1.39E+00	U
WD	LTW	509203	025	4/8/20	Co-60	1.04E-01	5.03E-01	1.69E+00	U
WD	LTW	509203	025	4/8/20	I-131	-4.42E-02	6.02E-01	1.83E+00	U
WD	LTW	509203	025	4/8/20	Fe-59	-3.10E-01	9.18E-01	2.67E+00	U
WD	LTW	509203	025	4/8/20	La-140	9.33E-01	6.29E-01	2.11E+00	U
WD	LTW	509203	025	4/8/20	Mn-54	8.71E-01	6.28E-01	1.44E+00	U
WD	LTW	509203	025	4/8/20	Nb-95	1.04E+00	5.76E-01	1.45E+00	U
WD	LTW	509203	025	4/8/20	K-40	2.60E+01	1.20E+01	1.37E+01	UI
WD	LTW	509203	025	4/8/20	Ru-103	-8.82E-02	4.43E-01	1.31E+00	U
WD	LTW	509203	025	4/8/20	Ru-106	-2.62E+00	3.72E+00	1.17E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	509203	025	4/8/20	Se-75	3.33E-02	5.80E-01	2.00E+00	U
WD	LTW	509203	025	4/8/20	Ag-108m	1.73E-01	3.97E-01	1.34E+00	U
WD	LTW	509203	025	4/8/20	Ag-110m	-1.18E+00	6.57E-01	1.72E+00	U
WD	LTW	509203	025	4/8/20	Th-228	2.59E+00	2.05E+00	3.58E+00	U
WD	LTW	509203	025	4/8/20	Zn-65	-7.89E-01	1.18E+00	3.03E+00	U
WD	LTW	509203	025	4/8/20	Zr-95	2.03E+00	1.53E+00	2.48E+00	U
WD	LTW	509203	026	4/8/20	I-131	1.11E-01	2.71E-01	8.83E-01	U
WD	STJ	510082	023	4/22/20	Ac-228	-3.14E+00	3.80E+00	1.16E+01	U
WD	STJ	510082	023	4/22/20	Sb-124	-2.04E+00	2.15E+00	6.14E+00	U
WD	STJ	510082	023	4/22/20	Sb-125	1.33E+00	1.95E+00	6.67E+00	U
WD	STJ	510082	023	4/22/20	BETA	8.85E-01	3.88E-01	1.18E+00	U
WD	STJ	510082	023	4/22/20	Ba-140	4.87E+00	4.03E+00	1.37E+01	U
WD	STJ	510082	023	4/22/20	Be-7	3.85E+00	7.18E+00	2.21E+01	U
WD	STJ	510082	023	4/22/20	Ce-141	9.66E-01	1.60E+00	4.80E+00	U
WD	STJ	510082	023	4/22/20	Ce-144	-4.04E+00	5.51E+00	1.70E+01	U
WD	STJ	510082	023	4/22/20	Cs-134	-2.21E-01	8.99E-01	2.84E+00	U
WD	STJ	510082	023	4/22/20	Cs-137	-1.35E-02	7.89E-01	2.57E+00	U
WD	STJ	510082	023	4/22/20	Cr-51	-6.25E+00	7.37E+00	2.37E+01	U
WD	STJ	510082	023	4/22/20	Co-57	1.43E-01	7.22E-01	2.35E+00	U
WD	STJ	510082	023	4/22/20	Co-58	3.00E-01	7.19E-01	2.38E+00	U
WD	STJ	510082	023	4/22/20	Co-60	-3.47E-02	8.84E-01	2.94E+00	U
WD	STJ	510082	023	4/22/20	I-131	-1.06E+00	1.77E+00	4.88E+00	U
WD	STJ	510082	023	4/22/20	Fe-59	1.02E+00	1.60E+00	5.59E+00	U
WD	STJ	510082	023	4/22/20	La-140	7.07E-01	1.47E+00	4.51E+00	U
WD	STJ	510082	023	4/22/20	Mn-54	3.15E-01	7.85E-01	2.58E+00	U
WD	STJ	510082	023	4/22/20	Nb-95	9.93E-01	1.55E+00	2.27E+00	U
WD	STJ	510082	023	4/22/20	K-40	6.69E-01	1.33E+01	4.04E+01	U
WD	STJ	510082	023	4/22/20	Ru-103	6.73E-01	8.51E-01	2.64E+00	U
WD	STJ	510082	023	4/22/20	Ru-106	1.04E+01	6.56E+00	2.08E+01	U
WD	STJ	510082	023	4/22/20	Se-75	2.70E-01	1.02E+00	3.55E+00	U
WD	STJ	510082	023	4/22/20	Ag-108m	-5.90E-01	6.66E-01	2.08E+00	U
WD	STJ	510082	023	4/22/20	Ag-110m	-6.04E-01	1.05E+00	2.74E+00	U
WD	STJ	510082	023	4/22/20	Th-228	4.36E+00	2.87E+00	6.92E+00	U
WD	STJ	510082	023	4/22/20	Zn-65	4.52E-01	1.72E+00	5.91E+00	U
WD	STJ	510082	023	4/22/20	Zr-95	-3.50E-01	1.27E+00	4.00E+00	U
WD	STJ	510082	024	4/22/20	I-131	5.44E-01	2.80E-01	8.62E-01	U
WD	LTW	510082	025	4/22/20	Ac-228	4.24E+00	8.52E+00	2.06E+01	U
WD	LTW	510082	025	4/22/20	Sb-124	3.50E+00	3.27E+00	1.16E+01	U
WD	LTW	510082	025	4/22/20	Sb-125	-9.47E-01	3.09E+00	1.03E+01	U
WD	LTW	510082	025	4/22/20	BETA	2.63E+00	1.14E+00	3.13E+00	U
WD	LTW	510082	025	4/22/20	Ba-140	3.62E+00	6.30E+00	2.17E+01	U
WD	LTW	510082	025	4/22/20	Be-7	5.54E+00	1.05E+01	3.63E+01	U
WD	LTW	510082	025	4/22/20	Ce-141	-8.27E-01	2.06E+00	6.71E+00	U
WD	LTW	510082	025	4/22/20	Ce-144	8.94E+00	7.10E+00	2.36E+01	U
WD	LTW	510082	025	4/22/20	Cs-134	-7.91E-01	1.39E+00	3.69E+00	U
WD	LTW	510082	025	4/22/20	Cs-137	-3.62E-01	1.12E+00	3.57E+00	U
WD	LTW	510082	025	4/22/20	Cr-51	-6.32E+00	1.22E+01	3.71E+01	U
WD	LTW	510082	025	4/22/20	Co-57	1.94E-01	9.39E-01	3.16E+00	U
WD	LTW	510082	025	4/22/20	Co-58	-9.05E-01	1.31E+00	3.92E+00	U
WD	LTW	510082	025	4/22/20	Co-60	1.18E+00	1.20E+00	4.36E+00	U
WD	LTW	510082	025	4/22/20	I-131	6.42E+00	2.69E+00	8.20E+00	U
WD	LTW	510082	025	4/22/20	Fe-59	-3.81E+00	2.82E+00	7.91E+00	U
WD	LTW	510082	025	4/22/20	La-140	1.84E+00	2.09E+00	7.51E+00	U
WD	LTW	510082	025	4/22/20	Mn-54	4.21E-01	1.05E+00	3.52E+00	U
WD	LTW	510082	025	4/22/20	Nb-95	8.16E-01	1.26E+00	4.28E+00	U
WD	LTW	510082	025	4/22/20	K-40	5.25E+01	2.16E+01	1.99E+01	UI
WD	LTW	510082	025	4/22/20	Ru-103	-3.23E+00	1.50E+00	2.98E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	510082	025	4/22/20	Ru-106	-2.14E+00	9.88E+00	3.22E+01	U
WD	LTW	510082	025	4/22/20	Se-75	-1.08E+00	1.77E+00	5.41E+00	U
WD	LTW	510082	025	4/22/20	Ag-108m	-1.22E+00	1.07E+00	3.29E+00	U
WD	LTW	510082	025	4/22/20	Ag-110m	-8.08E-01	1.67E+00	5.09E+00	U
WD	LTW	510082	025	4/22/20	Th-228	2.91E+00	4.73E+00	8.89E+00	U
WD	LTW	510082	025	4/22/20	Zn-65	-4.35E-01	2.52E+00	7.35E+00	U
WD	LTW	510082	025	4/22/20	Zr-95	1.80E+00	2.26E+00	7.72E+00	U
WD	LTW	510082	026	4/22/20	I-131	1.77E-02	1.98E-01	6.49E-01	U
WD	STJ	510639	001	3/25/20	H-3	6.37E+02	2.89E+02	8.53E+02	U
WD	LTW	510639	002	3/25/20	H-3	2.43E+02	2.72E+02	8.63E+02	U
WD	STJ	510896	023	5/6/20	Ac-228	7.51E-01	5.02E+00	1.68E+01	U
WD	STJ	510896	023	5/6/20	Sb-124	2.28E+00	2.34E+00	8.83E+00	U
WD	STJ	510896	023	5/6/20	Sb-125	3.29E-01	2.65E+00	8.94E+00	U
WD	STJ	510896	023	5/6/20	BETA	5.22E-01	7.46E-01	2.28E+00	U
WD	STJ	510896	023	5/6/20	Ba-140	-3.21E+00	4.84E+00	1.47E+01	U
WD	STJ	510896	023	5/6/20	Be-7	-6.09E+00	1.01E+01	2.76E+01	U
WD	STJ	510896	023	5/6/20	Ce-141	6.09E+00	3.27E+00	6.52E+00	U
WD	STJ	510896	023	5/6/20	Ce-144	9.09E+00	1.00E+01	2.21E+01	U
WD	STJ	510896	023	5/6/20	Cs-134	-1.73E+00	1.58E+00	4.39E+00	U
WD	STJ	510896	023	5/6/20	Cs-137	5.51E-01	1.02E+00	3.50E+00	U
WD	STJ	510896	023	5/6/20	Cr-51	-9.65E+00	1.21E+01	3.54E+01	U
WD	STJ	510896	023	5/6/20	Co-57	-8.26E-01	1.03E+00	2.82E+00	U
WD	STJ	510896	023	5/6/20	Co-58	-2.97E-01	1.16E+00	3.60E+00	U
WD	STJ	510896	023	5/6/20	Co-60	5.22E-01	1.09E+00	3.85E+00	U
WD	STJ	510896	023	5/6/20	I-131	9.81E+00	5.97E+00	6.37E+00	UI
WD	STJ	510896	023	5/6/20	Fe-59	-1.19E+00	2.28E+00	7.20E+00	U
WD	STJ	510896	023	5/6/20	La-140	5.63E-01	1.93E+00	6.62E+00	U
WD	STJ	510896	023	5/6/20	Mn-54	-1.13E+00	1.17E+00	3.24E+00	U
WD	STJ	510896	023	5/6/20	Nb-95	-1.24E+00	1.09E+00	2.88E+00	U
WD	STJ	510896	023	5/6/20	K-40	-3.85E+00	1.61E+01	5.69E+01	U
WD	STJ	510896	023	5/6/20	Ru-103	3.79E-01	1.10E+00	3.41E+00	U
WD	STJ	510896	023	5/6/20	Ru-106	2.28E+00	1.03E+01	3.10E+01	U
WD	STJ	510896	023	5/6/20	Se-75	8.45E+00	4.40E+00	5.25E+00	UI
WD	STJ	510896	023	5/6/20	Ag-108m	-2.52E+00	1.17E+00	2.57E+00	U
WD	STJ	510896	023	5/6/20	Ag-110m	-6.82E-01	1.37E+00	4.02E+00	U
WD	STJ	510896	023	5/6/20	Th-228	-7.29E+00	3.56E+00	1.16E+01	U
WD	STJ	510896	023	5/6/20	Zn-65	-1.00E+00	1.99E+00	6.23E+00	U
WD	STJ	510896	023	5/6/20	Zr-95	-4.72E-01	1.99E+00	6.25E+00	U
WD	STJ	510896	024	5/6/20	I-131	-4.63E-02	2.53E-01	8.44E-01	U
WD	LTW	510896	025	5/6/20	Ac-228	-4.58E+00	5.89E+00	1.92E+01	U
WD	LTW	510896	025	5/6/20	Sb-124	-6.78E+00	3.56E+00	6.26E+00	U
WD	LTW	510896	025	5/6/20	Sb-125	2.06E+00	3.26E+00	1.09E+01	U
WD	LTW	510896	025	5/6/20	BETA	2.39E+00	1.14E+00	3.20E+00	U
WD	LTW	510896	025	5/6/20	Ba-140	2.04E-01	5.97E+00	2.03E+01	U
WD	LTW	510896	025	5/6/20	Be-7	-1.04E+01	1.13E+01	3.19E+01	U
WD	LTW	510896	025	5/6/20	Ce-141	7.83E+00	3.98E+00	8.16E+00	U
WD	LTW	510896	025	5/6/20	Ce-144	-4.36E-01	1.00E+01	3.08E+01	U
WD	LTW	510896	025	5/6/20	Cs-134	1.42E+00	1.41E+00	4.96E+00	U
WD	LTW	510896	025	5/6/20	Cs-137	7.02E-02	1.36E+00	4.57E+00	U
WD	LTW	510896	025	5/6/20	Cr-51	-1.34E+01	1.31E+01	3.88E+01	U
WD	LTW	510896	025	5/6/20	Co-57	-1.06E-01	1.14E+00	3.90E+00	U
WD	LTW	510896	025	5/6/20	Co-58	1.02E+00	1.11E+00	3.94E+00	U
WD	LTW	510896	025	5/6/20	Co-60	-4.14E-01	1.47E+00	4.74E+00	U
WD	LTW	510896	025	5/6/20	I-131	1.38E+00	2.53E+00	8.40E+00	U
WD	LTW	510896	025	5/6/20	Fe-59	1.44E+00	2.45E+00	8.41E+00	U
WD	LTW	510896	025	5/6/20	La-140	-1.24E+00	2.36E+00	7.16E+00	U
WD	LTW	510896	025	5/6/20	Mn-54	-1.65E-01	1.48E+00	3.95E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	510896	025	5/6/20	Nb-95	2.32E-01	1.72E+00	5.06E+00	U
WD	LTW	510896	025	5/6/20	K-40	-1.54E+01	2.01E+01	6.40E+01	U
WD	LTW	510896	025	5/6/20	Ru-103	-1.16E+00	1.28E+00	3.00E+00	U
WD	LTW	510896	025	5/6/20	Ru-106	-1.44E+01	1.35E+01	4.03E+01	U
WD	LTW	510896	025	5/6/20	Se-75	2.42E+00	1.78E+00	5.99E+00	U
WD	LTW	510896	025	5/6/20	Ag-108m	-2.52E+00	1.19E+00	2.48E+00	U
WD	LTW	510896	025	5/6/20	Ag-110m	3.41E+00	1.36E+00	5.13E+00	U
WD	LTW	510896	025	5/6/20	Th-228	9.29E-01	4.91E+00	1.04E+01	U
WD	LTW	510896	025	5/6/20	Zn-65	-9.78E-01	2.90E+00	8.89E+00	U
WD	LTW	510896	025	5/6/20	Zr-95	2.40E+00	2.20E+00	7.80E+00	U
WD	LTW	510896	026	5/6/20	I-131	3.40E-01	2.81E-01	8.73E-01	U
WD	STJ	511852	023	5/20/20	Ac-228	1.44E+01	6.14E+00	1.30E+01	UI
WD	STJ	511852	023	5/20/20	Sb-124	8.12E-01	2.82E+00	9.61E+00	U
WD	STJ	511852	023	5/20/20	Sb-125	-1.25E+00	2.87E+00	9.22E+00	U
WD	STJ	511852	023	5/20/20	BETA	2.08E+00	1.01E+00	2.80E+00	U
WD	STJ	511852	023	5/20/20	Ba-140	-3.25E+00	4.72E+00	1.45E+01	U
WD	STJ	511852	023	5/20/20	Be-7	2.52E+01	1.06E+01	3.52E+01	U
WD	STJ	511852	023	5/20/20	Ce-141	2.99E-01	2.14E+00	6.17E+00	U
WD	STJ	511852	023	5/20/20	Ce-144	-1.98E+00	7.06E+00	2.22E+01	U
WD	STJ	511852	023	5/20/20	Cs-134	1.68E-01	1.30E+00	3.80E+00	U
WD	STJ	511852	023	5/20/20	Cs-137	-1.26E+00	1.15E+00	3.19E+00	U
WD	STJ	511852	023	5/20/20	Cr-51	-7.40E+00	8.81E+00	2.77E+01	U
WD	STJ	511852	023	5/20/20	Co-57	-9.33E-01	9.59E-01	2.83E+00	U
WD	STJ	511852	023	5/20/20	Co-58	2.03E-01	1.05E+00	3.45E+00	U
WD	STJ	511852	023	5/20/20	Co-60	-7.33E-02	1.17E+00	3.87E+00	U
WD	STJ	511852	023	5/20/20	I-131	-1.49E+00	1.25E+00	3.68E+00	U
WD	STJ	511852	023	5/20/20	Fe-59	6.95E-01	1.90E+00	6.67E+00	U
WD	STJ	511852	023	5/20/20	La-140	9.27E-01	1.32E+00	4.78E+00	U
WD	STJ	511852	023	5/20/20	Mn-54	5.98E-01	9.89E-01	3.37E+00	U
WD	STJ	511852	023	5/20/20	Nb-95	-6.75E-01	8.45E-01	2.35E+00	U
WD	STJ	511852	023	5/20/20	K-40	5.98E+01	1.67E+01	2.71E+01	UI
WD	STJ	511852	023	5/20/20	Ru-103	-5.36E-01	1.17E+00	3.73E+00	U
WD	STJ	511852	023	5/20/20	Ru-106	-5.16E+00	9.26E+00	2.83E+01	U
WD	STJ	511852	023	5/20/20	Se-75	1.10E+00	1.49E+00	4.79E+00	U
WD	STJ	511852	023	5/20/20	Ag-108m	-1.17E-01	8.82E-01	2.92E+00	U
WD	STJ	511852	023	5/20/20	Ag-110m	5.64E-01	1.28E+00	3.94E+00	U
WD	STJ	511852	023	5/20/20	Th-228	1.49E+00	3.97E+00	6.44E+00	U
WD	STJ	511852	023	5/20/20	Zn-65	-1.06E+00	2.09E+00	6.57E+00	U
WD	STJ	511852	023	5/20/20	Zr-95	2.97E+00	1.92E+00	6.83E+00	U
WD	STJ	511852	024	5/20/20	I-131	1.44E-01	2.64E-01	8.37E-01	U
WD	LTW	511852	025	5/20/20	Ac-228	-1.72E+01	8.73E+00	2.05E+01	U
WD	LTW	511852	025	5/20/20	Sb-124	-7.64E-01	2.77E+00	8.65E+00	U
WD	LTW	511852	025	5/20/20	Sb-125	-2.16E+00	3.54E+00	1.07E+01	U
WD	LTW	511852	025	5/20/20	BETA	5.12E-01	7.43E-01	2.29E+00	U
WD	LTW	511852	025	5/20/20	Ba-140	-1.29E+00	4.83E+00	1.60E+01	U
WD	LTW	511852	025	5/20/20	Be-7	2.18E+00	1.07E+01	3.46E+01	U
WD	LTW	511852	025	5/20/20	Ce-141	-1.42E+00	2.15E+00	7.05E+00	U
WD	LTW	511852	025	5/20/20	Ce-144	4.19E+00	9.32E+00	2.92E+01	U
WD	LTW	511852	025	5/20/20	Cs-134	1.57E+00	1.53E+00	5.33E+00	U
WD	LTW	511852	025	5/20/20	Cs-137	2.41E-01	1.18E+00	4.01E+00	U
WD	LTW	511852	025	5/20/20	Cr-51	-5.52E+00	1.03E+01	3.22E+01	U
WD	LTW	511852	025	5/20/20	Co-57	5.59E-01	1.07E+00	3.70E+00	U
WD	LTW	511852	025	5/20/20	Co-58	9.71E-01	1.26E+00	4.40E+00	U
WD	LTW	511852	025	5/20/20	Co-60	9.54E-01	1.24E+00	4.49E+00	U
WD	LTW	511852	025	5/20/20	I-131	3.81E-01	1.53E+00	5.03E+00	U
WD	LTW	511852	025	5/20/20	Fe-59	2.11E+00	2.45E+00	8.12E+00	U
WD	LTW	511852	025	5/20/20	La-140	1.52E+00	2.29E+00	7.99E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	511852	025	5/20/20	Mn-54	-6.04E-01	1.43E+00	4.48E+00	U
WD	LTW	511852	025	5/20/20	Nb-95	5.05E-01	1.46E+00	4.95E+00	U
WD	LTW	511852	025	5/20/20	K-40	2.11E+01	1.88E+01	6.68E+01	U
WD	LTW	511852	025	5/20/20	Ru-103	-6.18E-01	1.30E+00	3.93E+00	U
WD	LTW	511852	025	5/20/20	Ru-106	-1.35E+01	1.26E+01	3.74E+01	U
WD	LTW	511852	025	5/20/20	Se-75	1.49E+00	1.77E+00	5.99E+00	U
WD	LTW	511852	025	5/20/20	Ag-108m	4.46E-01	1.11E+00	3.67E+00	U
WD	LTW	511852	025	5/20/20	Ag-110m	-1.74E+00	1.70E+00	4.74E+00	U
WD	LTW	511852	025	5/20/20	Th-228	-2.50E+00	3.46E+00	1.05E+01	U
WD	LTW	511852	025	5/20/20	Zn-65	2.43E+00	3.11E+00	1.06E+01	U
WD	LTW	511852	025	5/20/20	Zr-95	1.63E+00	2.24E+00	7.79E+00	U
WD	LTW	511852	026	5/20/20	I-131	9.85E-02	2.68E-01	8.64E-01	U
WD	STJ	512904	023	6/3/20	Ac-228	3.74E+00	5.96E+00	1.97E+01	U
WD	STJ	512904	023	6/3/20	Sb-124	9.39E-01	2.82E+00	9.76E+00	U
WD	STJ	512904	023	6/3/20	Sb-125	-4.07E+00	3.88E+00	1.12E+01	U
WD	STJ	512904	023	6/3/20	BETA	2.71E-02	1.13E+00	3.72E+00	U
WD	STJ	512904	023	6/3/20	Ba-140	6.35E+00	5.68E+00	1.90E+01	U
WD	STJ	512904	023	6/3/20	Be-7	3.42E+00	8.20E+00	2.72E+01	U
WD	STJ	512904	023	6/3/20	Ce-141	6.69E-01	1.82E+00	6.29E+00	U
WD	STJ	512904	023	6/3/20	Ce-144	-8.18E-01	7.61E+00	2.59E+01	U
WD	STJ	512904	023	6/3/20	Cs-134	-5.26E-02	1.09E+00	3.61E+00	U
WD	STJ	512904	023	6/3/20	Cs-137	8.23E-01	1.25E+00	4.36E+00	U
WD	STJ	512904	023	6/3/20	Cr-51	-1.81E+00	1.11E+01	3.62E+01	U
WD	STJ	512904	023	6/3/20	Co-57	8.33E-01	1.11E+00	3.85E+00	U
WD	STJ	512904	023	6/3/20	Co-58	6.65E-01	1.03E+00	3.59E+00	U
WD	STJ	512904	023	6/3/20	Co-60	-8.59E-02	1.23E+00	4.12E+00	U
WD	STJ	512904	023	6/3/20	I-131	-7.39E-01	1.45E+00	4.49E+00	U
WD	STJ	512904	023	6/3/20	Fe-59	1.89E+00	2.06E+00	7.32E+00	U
WD	STJ	512904	023	6/3/20	La-140	-1.44E+00	1.54E+00	3.76E+00	U
WD	STJ	512904	023	6/3/20	Mn-54	-2.09E-01	1.07E+00	3.45E+00	U
WD	STJ	512904	023	6/3/20	Nb-95	3.50E-01	1.37E+00	4.64E+00	U
WD	STJ	512904	023	6/3/20	K-40	2.23E+00	2.46E+01	4.79E+01	U
WD	STJ	512904	023	6/3/20	Ru-103	-1.08E+00	1.26E+00	3.65E+00	U
WD	STJ	512904	023	6/3/20	Ru-106	2.17E+01	1.14E+01	3.67E+01	U
WD	STJ	512904	023	6/3/20	Se-75	-6.01E-01	1.73E+00	5.61E+00	U
WD	STJ	512904	023	6/3/20	Ag-108m	-1.30E+00	1.16E+00	3.27E+00	U
WD	STJ	512904	023	6/3/20	Ag-110m	-1.04E+00	1.88E+00	5.83E+00	U
WD	STJ	512904	023	6/3/20	Th-228	-1.57E+00	2.94E+00	9.28E+00	U
WD	STJ	512904	023	6/3/20	Zn-65	1.15E+00	2.89E+00	8.68E+00	U
WD	STJ	512904	023	6/3/20	Zr-95	1.41E+00	1.80E+00	6.36E+00	U
WD	STJ	512904	024	6/3/20	I-131	-2.06E-03	2.42E-01	7.98E-01	U
WD	LTW	512904	025	6/3/20	Ac-228	-6.01E+00	4.78E+00	1.34E+01	U
WD	LTW	512904	025	6/3/20	Sb-124	-2.79E+00	3.59E+00	1.07E+01	U
WD	LTW	512904	025	6/3/20	Sb-125	3.76E+00	2.99E+00	1.05E+01	U
WD	LTW	512904	025	6/3/20	BETA	1.42E+00	1.18E+00	3.59E+00	U
WD	LTW	512904	025	6/3/20	Ba-140	-5.17E+00	5.34E+00	1.56E+01	U
WD	LTW	512904	025	6/3/20	Be-7	8.06E+00	9.43E+00	3.28E+01	U
WD	LTW	512904	025	6/3/20	Ce-141	1.24E+00	1.85E+00	6.15E+00	U
WD	LTW	512904	025	6/3/20	Ce-144	8.71E+00	7.58E+00	2.53E+01	U
WD	LTW	512904	025	6/3/20	Cs-134	-6.18E-01	1.32E+00	3.91E+00	U
WD	LTW	512904	025	6/3/20	Cs-137	2.99E+00	1.65E+00	3.65E+00	U
WD	LTW	512904	025	6/3/20	Cr-51	3.22E+01	2.19E+01	3.22E+01	U
WD	LTW	512904	025	6/3/20	Co-57	-1.42E+00	1.02E+00	2.92E+00	U
WD	LTW	512904	025	6/3/20	Co-58	4.44E-01	1.09E+00	3.62E+00	U
WD	LTW	512904	025	6/3/20	Co-60	2.10E+00	1.55E+00	5.60E+00	U
WD	LTW	512904	025	6/3/20	I-131	-7.43E-01	1.39E+00	4.48E+00	U
WD	LTW	512904	025	6/3/20	Fe-59	-9.09E-01	1.97E+00	6.07E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	512904	025	6/3/20	La-140	-3.97E-01	2.02E+00	6.30E+00	U
WD	LTW	512904	025	6/3/20	Mn-54	-4.47E-01	9.60E-01	2.61E+00	U
WD	LTW	512904	025	6/3/20	Nb-95	-2.11E+00	1.39E+00	2.59E+00	U
WD	LTW	512904	025	6/3/20	K-40	2.50E+01	2.62E+01	4.97E+01	U
WD	LTW	512904	025	6/3/20	Ru-103	4.70E-02	9.63E-01	3.20E+00	U
WD	LTW	512904	025	6/3/20	Ru-106	-4.38E+00	1.12E+01	3.49E+01	U
WD	LTW	512904	025	6/3/20	Se-75	7.41E-01	1.46E+00	4.37E+00	U
WD	LTW	512904	025	6/3/20	Ag-108m	-1.17E+00	9.37E-01	2.63E+00	U
WD	LTW	512904	025	6/3/20	Ag-110m	-9.99E-02	1.53E+00	5.12E+00	U
WD	LTW	512904	025	6/3/20	Th-228	1.32E+00	2.53E+00	8.10E+00	U
WD	LTW	512904	025	6/3/20	Zn-65	4.28E+00	2.72E+00	9.94E+00	U
WD	LTW	512904	025	6/3/20	Zr-95	-5.88E-01	1.56E+00	4.64E+00	U
WD	LTW	512904	026	6/3/20	I-131	5.29E-01	2.87E-01	9.07E-01	U
WD	STJ	514080	023	6/17/20	Ac-228	-7.55E+00	5.98E+00	1.86E+01	U
WD	STJ	514080	023	6/17/20	Sb-124	2.78E+00	2.23E+00	8.39E+00	U
WD	STJ	514080	023	6/17/20	Sb-125	-1.37E+00	2.82E+00	9.07E+00	U
WD	STJ	514080	023	6/17/20	BETA	1.58E-02	1.08E+00	3.53E+00	U
WD	STJ	514080	023	6/17/20	Ba-140	-1.38E+00	4.49E+00	1.27E+01	U
WD	STJ	514080	023	6/17/20	Be-7	4.34E+00	7.78E+00	2.45E+01	U
WD	STJ	514080	023	6/17/20	Ce-141	-2.18E+00	2.07E+00	5.50E+00	U
WD	STJ	514080	023	6/17/20	Ce-144	-2.78E+00	6.61E+00	2.10E+01	U
WD	STJ	514080	023	6/17/20	Cs-134	-6.54E-01	1.20E+00	3.56E+00	U
WD	STJ	514080	023	6/17/20	Cs-137	-1.30E-01	1.54E+00	5.32E+00	U
WD	STJ	514080	023	6/17/20	Cr-51	8.43E+00	8.23E+00	2.90E+01	U
WD	STJ	514080	023	6/17/20	Co-57	-1.15E+00	1.02E+00	3.07E+00	U
WD	STJ	514080	023	6/17/20	Co-58	3.53E-01	9.75E-01	3.22E+00	U
WD	STJ	514080	023	6/17/20	Co-60	-1.99E+00	1.42E+00	3.64E+00	U
WD	STJ	514080	023	6/17/20	I-131	-4.36E-01	1.50E+00	4.44E+00	U
WD	STJ	514080	023	6/17/20	Fe-59	2.45E+00	2.31E+00	8.23E+00	U
WD	STJ	514080	023	6/17/20	La-140	3.32E-01	1.53E+00	5.09E+00	U
WD	STJ	514080	023	6/17/20	Mn-54	-9.76E-01	1.19E+00	3.40E+00	U
WD	STJ	514080	023	6/17/20	Nb-95	2.20E+00	1.28E+00	4.33E+00	U
WD	STJ	514080	023	6/17/20	K-40	-2.47E+01	1.82E+01	5.59E+01	U
WD	STJ	514080	023	6/17/20	Ru-103	-1.49E-01	9.77E-01	3.20E+00	U
WD	STJ	514080	023	6/17/20	Ru-106	1.36E+01	9.83E+00	3.40E+01	U
WD	STJ	514080	023	6/17/20	Se-75	7.09E-01	1.40E+00	4.48E+00	U
WD	STJ	514080	023	6/17/20	Ag-108m	5.32E-01	8.08E-01	2.81E+00	U
WD	STJ	514080	023	6/17/20	Ag-110m	1.37E+00	1.55E+00	5.52E+00	U
WD	STJ	514080	023	6/17/20	Th-228	1.10E+00	3.64E+00	8.54E+00	U
WD	STJ	514080	023	6/17/20	Zn-65	-4.43E+00	3.06E+00	7.77E+00	U
WD	STJ	514080	023	6/17/20	Zr-95	-1.55E-01	1.75E+00	5.55E+00	U
WD	STJ	514080	024	6/17/20	I-131	-4.51E-01	2.20E-01	7.58E-01	U
WD	LTW	514080	025	6/17/20	Ac-228	-8.46E+00	5.45E+00	1.41E+01	U
WD	LTW	514080	025	6/17/20	Sb-124	5.21E-02	1.92E+00	6.39E+00	U
WD	LTW	514080	025	6/17/20	Sb-125	-2.64E-01	2.93E+00	9.50E+00	U
WD	LTW	514080	025	6/17/20	BETA	-8.12E-01	8.96E-01	3.12E+00	U
WD	LTW	514080	025	6/17/20	Ba-140	5.01E+00	4.84E+00	1.61E+01	U
WD	LTW	514080	025	6/17/20	Be-7	1.03E+01	9.24E+00	3.10E+01	U
WD	LTW	514080	025	6/17/20	Ce-141	-6.29E+00	2.44E+00	5.24E+00	U
WD	LTW	514080	025	6/17/20	Ce-144	-5.86E+00	6.89E+00	2.06E+01	U
WD	LTW	514080	025	6/17/20	Cs-134	2.34E+00	1.28E+00	4.44E+00	U
WD	LTW	514080	025	6/17/20	Cs-137	7.46E-01	1.21E+00	4.21E+00	U
WD	LTW	514080	025	6/17/20	Cr-51	-1.38E+01	9.00E+00	2.54E+01	U
WD	LTW	514080	025	6/17/20	Co-57	6.77E-01	8.95E-01	2.91E+00	U
WD	LTW	514080	025	6/17/20	Co-58	2.33E+00	1.17E+00	4.02E+00	U
WD	LTW	514080	025	6/17/20	Co-60	1.19E+00	1.16E+00	4.17E+00	U
WD	LTW	514080	025	6/17/20	I-131	-1.23E+00	1.30E+00	3.94E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	514080	025	6/17/20	Fe-59	1.01E+00	1.72E+00	5.92E+00	U
WD	LTW	514080	025	6/17/20	La-140	-9.06E-01	1.20E+00	3.50E+00	U
WD	LTW	514080	025	6/17/20	Mn-54	-2.34E+00	1.28E+00	3.28E+00	U
WD	LTW	514080	025	6/17/20	Nb-95	-4.66E-01	1.18E+00	3.59E+00	U
WD	LTW	514080	025	6/17/20	K-40	-8.27E+00	1.53E+01	4.73E+01	U
WD	LTW	514080	025	6/17/20	Ru-103	-3.20E-01	1.33E+00	3.73E+00	U
WD	LTW	514080	025	6/17/20	Ru-106	-3.48E+00	1.01E+01	3.10E+01	U
WD	LTW	514080	025	6/17/20	Se-75	-1.56E-01	1.44E+00	4.83E+00	U
WD	LTW	514080	025	6/17/20	Ag-108m	3.44E-01	9.88E-01	3.28E+00	U
WD	LTW	514080	025	6/17/20	Ag-110m	-6.03E-01	1.29E+00	4.08E+00	U
WD	LTW	514080	025	6/17/20	Th-228	-8.99E-01	2.32E+00	7.71E+00	U
WD	LTW	514080	025	6/17/20	Zn-65	-3.51E+00	2.74E+00	7.45E+00	U
WD	LTW	514080	025	6/17/20	Zr-95	-6.06E-02	1.96E+00	6.56E+00	U
WD	LTW	514080	026	6/17/20	I-131	-2.80E-02	2.81E-01	9.27E-01	U
WD	STJ	515025	023	7/1/20	Ac-228	-9.10E+00	4.24E+00	8.99E+00	U
WD	STJ	515025	023	7/1/20	Sb-124	4.31E-01	1.91E+00	5.79E+00	U
WD	STJ	515025	023	7/1/20	Sb-125	1.60E+00	2.15E+00	7.27E+00	U
WD	STJ	515025	023	7/1/20	BETA	9.57E-01	1.02E+00	3.15E+00	U
WD	STJ	515025	023	7/1/20	Ba-140	7.71E-01	3.49E+00	1.15E+01	U
WD	STJ	515025	023	7/1/20	Be-7	1.11E+01	7.29E+00	2.42E+01	U
WD	STJ	515025	023	7/1/20	Ce-141	-2.53E+00	1.63E+00	4.59E+00	U
WD	STJ	515025	023	7/1/20	Ce-144	-5.80E-01	5.57E+00	1.78E+01	U
WD	STJ	515025	023	7/1/20	Cs-134	1.20E+00	8.94E-01	3.12E+00	U
WD	STJ	515025	023	7/1/20	Cs-137	-7.27E-01	8.58E-01	2.54E+00	U
WD	STJ	515025	023	7/1/20	Cr-51	-9.92E+00	8.02E+00	2.47E+01	U
WD	STJ	515025	023	7/1/20	Co-57	-1.13E-01	6.86E-01	2.20E+00	U
WD	STJ	515025	023	7/1/20	Co-58	-4.02E-01	7.82E-01	2.55E+00	U
WD	STJ	515025	023	7/1/20	Co-60	-7.41E-01	8.95E-01	2.64E+00	U
WD	STJ	515025	023	7/1/20	I-131	1.54E+00	1.25E+00	4.22E+00	U
WD	STJ	515025	023	7/1/20	Fe-59	2.01E+00	1.90E+00	5.93E+00	U
WD	STJ	515025	023	7/1/20	La-140	-2.27E+00	1.39E+00	3.27E+00	U
WD	STJ	515025	023	7/1/20	Mn-54	-6.05E-01	7.24E-01	2.27E+00	U
WD	STJ	515025	023	7/1/20	Nb-95	1.84E-01	7.61E-01	2.45E+00	U
WD	STJ	515025	023	7/1/20	K-40	-1.87E+01	1.42E+01	3.73E+01	U
WD	STJ	515025	023	7/1/20	Ru-103	-1.10E+00	9.17E-01	2.71E+00	U
WD	STJ	515025	023	7/1/20	Ru-106	3.83E+00	7.57E+00	2.50E+01	U
WD	STJ	515025	023	7/1/20	Se-75	2.65E-01	9.99E-01	3.44E+00	U
WD	STJ	515025	023	7/1/20	Ag-108m	2.34E-01	6.97E-01	2.34E+00	U
WD	STJ	515025	023	7/1/20	Ag-110m	3.59E-01	1.02E+00	3.52E+00	U
WD	STJ	515025	023	7/1/20	Th-228	1.03E+00	3.20E+00	6.24E+00	U
WD	STJ	515025	023	7/1/20	Zn-65	-2.44E+00	1.92E+00	4.43E+00	U
WD	STJ	515025	023	7/1/20	Zr-95	4.22E+00	2.00E+00	4.86E+00	U
WD	STJ	515025	024	7/1/20	I-131	-2.07E-01	2.51E-01	8.65E-01	U
WD	LTW	515025	025	7/1/20	Ac-228	5.56E+00	6.69E+00	1.20E+01	U
WD	LTW	515025	025	7/1/20	Sb-124	-3.93E-02	1.59E+00	5.25E+00	U
WD	LTW	515025	025	7/1/20	Sb-125	7.38E-01	1.87E+00	6.18E+00	U
WD	LTW	515025	025	7/1/20	BETA	2.65E+00	1.17E+00	3.31E+00	U
WD	LTW	515025	025	7/1/20	Ba-140	-3.70E+00	4.43E+00	1.09E+01	U
WD	LTW	515025	025	7/1/20	Be-7	1.46E+01	7.18E+00	2.26E+01	U
WD	LTW	515025	025	7/1/20	Ce-141	-2.95E-01	1.41E+00	4.06E+00	U
WD	LTW	515025	025	7/1/20	Ce-144	-1.12E+00	4.84E+00	1.52E+01	U
WD	LTW	515025	025	7/1/20	Cs-134	1.62E+00	8.78E-01	2.94E+00	U
WD	LTW	515025	025	7/1/20	Cs-137	-5.61E-01	8.86E-01	2.40E+00	U
WD	LTW	515025	025	7/1/20	Cr-51	-5.10E+00	6.73E+00	2.15E+01	U
WD	LTW	515025	025	7/1/20	Co-57	-2.70E-01	6.16E-01	1.93E+00	U
WD	LTW	515025	025	7/1/20	Co-58	7.72E-01	7.57E-01	2.59E+00	U
WD	LTW	515025	025	7/1/20	Co-60	1.30E+00	9.41E-01	3.26E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	515025	025	7/1/20	I-131	-2.86E-01	1.14E+00	3.71E+00	U
WD	LTW	515025	025	7/1/20	Fe-59	1.62E-01	1.46E+00	4.09E+00	U
WD	LTW	515025	025	7/1/20	La-140	8.83E-01	1.01E+00	3.56E+00	U
WD	LTW	515025	025	7/1/20	Mn-54	5.37E-01	7.08E-01	2.42E+00	U
WD	LTW	515025	025	7/1/20	Nb-95	1.61E+00	8.59E-01	2.85E+00	U
WD	LTW	515025	025	7/1/20	K-40	5.80E+00	1.64E+01	2.85E+01	U
WD	LTW	515025	025	7/1/20	Ru-103	5.94E-02	8.30E-01	2.40E+00	U
WD	LTW	515025	025	7/1/20	Ru-106	-6.65E+00	6.92E+00	2.01E+01	U
WD	LTW	515025	025	7/1/20	Se-75	5.36E-01	9.15E-01	3.12E+00	U
WD	LTW	515025	025	7/1/20	Ag-108m	-8.41E-01	7.20E-01	2.14E+00	U
WD	LTW	515025	025	7/1/20	Ag-110m	-1.10E+00	1.01E+00	3.01E+00	U
WD	LTW	515025	025	7/1/20	Th-228	5.01E+00	2.11E+00	3.98E+00	
WD	LTW	515025	025	7/1/20	Zn-65	-2.29E+00	1.93E+00	5.56E+00	U
WD	LTW	515025	025	7/1/20	Zr-95	2.33E-02	1.18E+00	3.97E+00	U
WD	LTW	515025	026	7/1/20	I-131	1.53E-01	2.74E-01	8.81E-01	U
WD	STJ	516172	023	7/15/20	Ac-228	3.67E+00	4.06E+00	1.41E+01	U
WD	STJ	516172	023	7/15/20	Sb-124	8.10E-01	2.30E+00	8.01E+00	U
WD	STJ	516172	023	7/15/20	Sb-125	-2.71E+00	3.05E+00	9.27E+00	U
WD	STJ	516172	023	7/15/20	BETA	1.19E-01	7.76E-01	2.49E+00	U
WD	STJ	516172	023	7/15/20	Ba-140	-3.36E+00	5.38E+00	1.66E+01	U
WD	STJ	516172	023	7/15/20	Be-7	8.63E+00	9.22E+00	3.20E+01	U
WD	STJ	516172	023	7/15/20	Ce-141	1.73E+00	2.15E+00	6.49E+00	U
WD	STJ	516172	023	7/15/20	Ce-144	-6.01E+00	7.68E+00	2.29E+01	U
WD	STJ	516172	023	7/15/20	Cs-134	2.28E+00	1.19E+00	4.27E+00	U
WD	STJ	516172	023	7/15/20	Cs-137	-8.89E-01	1.02E+00	2.91E+00	U
WD	STJ	516172	023	7/15/20	Cr-51	1.45E+01	9.63E+00	3.35E+01	U
WD	STJ	516172	023	7/15/20	Co-57	-7.93E-01	1.00E+00	2.99E+00	U
WD	STJ	516172	023	7/15/20	Co-58	1.70E+00	7.97E-01	1.37E+00	UI
WD	STJ	516172	023	7/15/20	Co-60	3.32E-01	1.51E+00	5.14E+00	U
WD	STJ	516172	023	7/15/20	I-131	-1.37E+00	1.72E+00	5.37E+00	U
WD	STJ	516172	023	7/15/20	Fe-59	-4.53E+00	2.98E+00	6.15E+00	U
WD	STJ	516172	023	7/15/20	La-140	1.06E+00	1.87E+00	6.59E+00	U
WD	STJ	516172	023	7/15/20	Mn-54	-7.74E-02	1.02E+00	3.23E+00	U
WD	STJ	516172	023	7/15/20	Nb-95	1.49E+00	9.97E-01	3.57E+00	U
WD	STJ	516172	023	7/15/20	K-40	-1.05E+01	1.72E+01	5.69E+01	U
WD	STJ	516172	023	7/15/20	Ru-103	-1.82E+00	1.12E+00	2.86E+00	U
WD	STJ	516172	023	7/15/20	Ru-106	-5.52E+00	9.55E+00	2.91E+01	U
WD	STJ	516172	023	7/15/20	Se-75	-1.53E+00	1.35E+00	4.14E+00	U
WD	STJ	516172	023	7/15/20	Ag-108m	-1.60E+00	9.66E-01	2.50E+00	U
WD	STJ	516172	023	7/15/20	Ag-110m	-2.51E+00	1.68E+00	3.96E+00	U
WD	STJ	516172	023	7/15/20	Th-228	8.19E-01	3.59E+00	7.98E+00	U
WD	STJ	516172	023	7/15/20	Zn-65	-1.01E+00	2.56E+00	8.48E+00	U
WD	STJ	516172	023	7/15/20	Zr-95	2.45E+00	1.86E+00	6.60E+00	U
WD	STJ	516172	024	7/15/20	I-131	3.35E-01	2.81E-01	8.95E-01	U
WD	LTW	516172	025	7/15/20	Ac-228	-4.48E-01	6.32E+00	1.95E+01	U
WD	LTW	516172	025	7/15/20	Sb-124	1.29E+00	2.58E+00	9.38E+00	U
WD	LTW	516172	025	7/15/20	Sb-125	-8.00E+00	3.53E+00	7.44E+00	U
WD	LTW	516172	025	7/15/20	BETA	-3.41E-01	7.75E-01	2.60E+00	U
WD	LTW	516172	025	7/15/20	Ba-140	7.59E+00	5.22E+00	1.76E+01	U
WD	LTW	516172	025	7/15/20	Be-7	-6.73E+00	1.14E+01	3.57E+01	U
WD	LTW	516172	025	7/15/20	Ce-141	-4.75E+00	2.47E+00	5.58E+00	U
WD	LTW	516172	025	7/15/20	Ce-144	-3.28E+00	8.80E+00	2.80E+01	U
WD	LTW	516172	025	7/15/20	Cs-134	-1.59E+00	1.40E+00	3.62E+00	U
WD	LTW	516172	025	7/15/20	Cs-137	-4.84E-01	1.31E+00	4.06E+00	U
WD	LTW	516172	025	7/15/20	Cr-51	2.27E+00	1.05E+01	3.61E+01	U
WD	LTW	516172	025	7/15/20	Co-57	6.15E-01	1.03E+00	3.44E+00	U
WD	LTW	516172	025	7/15/20	Co-58	-5.96E-01	1.47E+00	4.44E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	516172	025	7/15/20	Co-60	1.08E-01	9.80E-01	3.27E+00	U
WD	LTW	516172	025	7/15/20	I-131	2.58E+00	1.79E+00	6.31E+00	U
WD	LTW	516172	025	7/15/20	Fe-59	2.97E+00	2.47E+00	9.05E+00	U
WD	LTW	516172	025	7/15/20	La-140	-5.32E-01	2.28E+00	7.03E+00	U
WD	LTW	516172	025	7/15/20	Mn-54	8.18E-02	7.60E-01	2.62E+00	U
WD	LTW	516172	025	7/15/20	Nb-95	1.02E+00	1.35E+00	4.20E+00	U
WD	LTW	516172	025	7/15/20	K-40	-1.60E+01	1.99E+01	6.71E+01	U
WD	LTW	516172	025	7/15/20	Ru-103	-1.02E+00	1.42E+00	4.36E+00	U
WD	LTW	516172	025	7/15/20	Ru-106	2.78E+01	1.32E+01	4.50E+01	U
WD	LTW	516172	025	7/15/20	Se-75	1.14E+00	1.78E+00	5.71E+00	U
WD	LTW	516172	025	7/15/20	Ag-108m	9.74E-01	1.11E+00	3.84E+00	U
WD	LTW	516172	025	7/15/20	Ag-110m	4.88E-01	1.54E+00	5.36E+00	U
WD	LTW	516172	025	7/15/20	Th-228	2.68E+00	5.13E+00	9.71E+00	U
WD	LTW	516172	025	7/15/20	Zn-65	6.41E-01	2.50E+00	8.56E+00	U
WD	LTW	516172	025	7/15/20	Zr-95	7.24E+00	3.58E+00	9.13E+00	U
WD	LTW	516172	026	7/15/20	I-131	3.30E-01	2.52E-01	8.01E-01	U
WD	STJ	517012	001	7/1/20	H-3	-1.95E+02	1.76E+02	6.08E+02	U
WD	LTW	517012	002	7/1/20	H-3	-3.27E+02	1.85E+02	6.54E+02	U
WD	STJ	517181	023	7/29/20	Ac-228	2.34E+01	8.33E+00	2.14E+01	UI
WD	STJ	517181	023	7/29/20	Sb-124	1.79E+00	3.61E+00	1.26E+01	U
WD	STJ	517181	023	7/29/20	Sb-125	-2.83E+00	3.81E+00	1.21E+01	U
WD	STJ	517181	023	7/29/20	BETA	5.32E-02	9.27E-01	3.03E+00	U
WD	STJ	517181	023	7/29/20	Ba-140	9.32E+00	6.31E+00	2.21E+01	U
WD	STJ	517181	023	7/29/20	Be-7	2.27E+01	1.26E+01	4.33E+01	U
WD	STJ	517181	023	7/29/20	Ce-141	2.26E+00	2.44E+00	8.07E+00	U
WD	STJ	517181	023	7/29/20	Ce-144	3.63E-02	8.59E+00	2.80E+01	U
WD	STJ	517181	023	7/29/20	Cs-134	-1.24E+00	1.18E+00	3.14E+00	U
WD	STJ	517181	023	7/29/20	Cs-137	3.33E-01	1.15E+00	3.89E+00	U
WD	STJ	517181	023	7/29/20	Cr-51	5.69E+00	1.08E+01	3.81E+01	U
WD	STJ	517181	023	7/29/20	Co-57	-2.59E+00	1.37E+00	3.60E+00	U
WD	STJ	517181	023	7/29/20	Co-58	1.92E-01	1.15E+00	3.79E+00	U
WD	STJ	517181	023	7/29/20	Co-60	-2.05E-01	1.16E+00	3.80E+00	U
WD	STJ	517181	023	7/29/20	I-131	-2.61E-01	1.95E+00	6.61E+00	U
WD	STJ	517181	023	7/29/20	Fe-59	-4.71E+00	2.90E+00	6.25E+00	U
WD	STJ	517181	023	7/29/20	La-140	-6.13E-01	1.56E+00	4.52E+00	U
WD	STJ	517181	023	7/29/20	Mn-54	-2.96E-01	1.07E+00	3.33E+00	U
WD	STJ	517181	023	7/29/20	Nb-95	-1.79E-01	1.17E+00	3.32E+00	U
WD	STJ	517181	023	7/29/20	K-40	-1.46E+01	2.08E+01	7.15E+01	U
WD	STJ	517181	023	7/29/20	Ru-103	-3.44E-01	1.42E+00	4.58E+00	U
WD	STJ	517181	023	7/29/20	Ru-106	9.97E+00	1.07E+01	3.76E+01	U
WD	STJ	517181	023	7/29/20	Se-75	-1.00E+00	1.89E+00	5.68E+00	U
WD	STJ	517181	023	7/29/20	Ag-108m	-1.04E+00	9.87E-01	2.95E+00	U
WD	STJ	517181	023	7/29/20	Ag-110m	1.33E+00	1.32E+00	4.73E+00	U
WD	STJ	517181	023	7/29/20	Th-228	2.75E+00	5.64E+00	1.29E+01	U
WD	STJ	517181	023	7/29/20	Zn-65	2.26E+00	1.74E+00	6.55E+00	U
WD	STJ	517181	023	7/29/20	Zr-95	2.50E-01	1.79E+00	5.35E+00	U
WD	STJ	517181	024	7/29/20	I-131	5.68E-01	2.83E-01	8.66E-01	U
WD	LTW	517181	025	7/29/20	Ac-228	3.66E+00	9.11E+00	3.13E+01	U
WD	LTW	517181	025	7/29/20	Sb-124	7.14E+00	5.58E+00	2.08E+01	U
WD	LTW	517181	025	7/29/20	Sb-125	-2.33E+00	4.54E+00	1.48E+01	U
WD	LTW	517181	025	7/29/20	BETA	-7.12E-01	9.64E-01	3.31E+00	
WD	LTW	517181	025	7/29/20	Ba-140	7.75E+00	7.46E+00	2.68E+01	U
WD	LTW	517181	025	7/29/20	Be-7	-2.25E+01	1.88E+01	4.03E+01	U
WD	LTW	517181	025	7/29/20	Ce-141	-9.76E+00	4.07E+00	8.58E+00	U
WD	LTW	517181	025	7/29/20	Ce-144	-2.56E+01	1.22E+01	3.10E+01	U
WD	LTW	517181	025	7/29/20	Cs-134	2.68E+00	2.16E+00	7.67E+00	U
WD	LTW	517181	025	7/29/20	Cs-137	-1.72E+00	1.49E+00	3.07E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	517181	025	7/29/20	Cr-51	1.36E+01	1.36E+01	4.56E+01	U
WD	LTW	517181	025	7/29/20	Co-57	3.29E-01	1.32E+00	4.45E+00	U
WD	LTW	517181	025	7/29/20	Co-58	-9.05E-01	1.75E+00	5.26E+00	U
WD	LTW	517181	025	7/29/20	Co-60	-1.20E+00	1.43E+00	3.78E+00	U
WD	LTW	517181	025	7/29/20	I-131	1.21E-01	2.55E+00	7.99E+00	U
WD	LTW	517181	025	7/29/20	Fe-59	-2.09E+00	4.42E+00	1.42E+01	U
WD	LTW	517181	025	7/29/20	La-140	1.73E+00	3.22E+00	1.14E+01	U
WD	LTW	517181	025	7/29/20	Mn-54	2.66E-01	1.39E+00	4.63E+00	U
WD	LTW	517181	025	7/29/20	Nb-95	1.67E-01	1.65E+00	5.47E+00	U
WD	LTW	517181	025	7/29/20	K-40	-2.57E+00	2.77E+01	9.98E+01	U
WD	LTW	517181	025	7/29/20	Ru-103	2.77E+00	1.64E+00	5.89E+00	U
WD	LTW	517181	025	7/29/20	Ru-106	1.07E+01	1.39E+01	4.91E+01	U
WD	LTW	517181	025	7/29/20	Se-75	-3.54E+00	2.43E+00	6.45E+00	U
WD	LTW	517181	025	7/29/20	Ag-108m	-5.09E-01	1.22E+00	3.96E+00	U
WD	LTW	517181	025	7/29/20	Ag-110m	1.02E+00	1.74E+00	6.14E+00	U
WD	LTW	517181	025	7/29/20	Th-228	-6.41E+00	3.90E+00	1.09E+01	U
WD	LTW	517181	025	7/29/20	Zn-65	-3.89E+00	4.09E+00	1.19E+01	U
WD	LTW	517181	025	7/29/20	Zr-95	-6.71E-01	2.88E+00	9.11E+00	U
WD	LTW	517181	026	7/29/20	I-131	-3.46E-01	2.67E-01	9.04E-01	U
WD	STJ	518715	023	8/12/20	Ac-228	-5.12E+00	4.20E+00	1.14E+01	U
WD	STJ	518715	023	8/12/20	Sb-124	6.91E-02	1.91E+00	5.47E+00	U
WD	STJ	518715	023	8/12/20	Sb-125	2.19E-01	2.21E+00	7.38E+00	U
WD	STJ	518715	023	8/12/20	BETA	6.06E-01	1.09E+00	3.48E+00	U
WD	STJ	518715	023	8/12/20	Ba-140	-1.54E+00	3.39E+00	1.07E+01	U
WD	STJ	518715	023	8/12/20	Be-7	-1.50E+00	6.58E+00	2.14E+01	U
WD	STJ	518715	023	8/12/20	Ce-141	-1.41E+00	1.57E+00	4.27E+00	U
WD	STJ	518715	023	8/12/20	Ce-144	-1.34E+00	6.20E+00	1.79E+01	U
WD	STJ	518715	023	8/12/20	Cs-134	-1.09E+00	9.32E-01	2.59E+00	U
WD	STJ	518715	023	8/12/20	Cs-137	1.18E+00	8.94E-01	2.99E+00	U
WD	STJ	518715	023	8/12/20	Cr-51	-5.49E+00	7.50E+00	2.42E+01	U
WD	STJ	518715	023	8/12/20	Co-57	1.72E-02	7.88E-01	2.51E+00	U
WD	STJ	518715	023	8/12/20	Co-58	3.65E-01	8.94E-01	2.79E+00	U
WD	STJ	518715	023	8/12/20	Co-60	1.10E+00	8.67E-01	2.59E+00	U
WD	STJ	518715	023	8/12/20	I-131	5.28E+00	2.72E+00	3.49E+00	UI
WD	STJ	518715	023	8/12/20	Fe-59	-9.93E-01	1.37E+00	4.23E+00	U
WD	STJ	518715	023	8/12/20	La-140	-1.10E+00	1.23E+00	3.52E+00	U
WD	STJ	518715	023	8/12/20	Mn-54	1.12E+00	7.35E-01	2.48E+00	U
WD	STJ	518715	023	8/12/20	Nb-95	-1.55E+00	1.05E+00	2.55E+00	U
WD	STJ	518715	023	8/12/20	K-40	6.96E+00	1.23E+01	3.90E+01	U
WD	STJ	518715	023	8/12/20	Ru-103	-8.50E-01	8.45E-01	2.55E+00	U
WD	STJ	518715	023	8/12/20	Ru-106	-1.16E+00	7.11E+00	2.28E+01	U
WD	STJ	518715	023	8/12/20	Se-75	1.22E-02	1.07E+00	3.65E+00	U
WD	STJ	518715	023	8/12/20	Ag-108m	1.31E-01	7.02E-01	2.35E+00	U
WD	STJ	518715	023	8/12/20	Ag-110m	3.45E-01	1.08E+00	3.15E+00	U
WD	STJ	518715	023	8/12/20	Th-228	1.35E+00	3.48E+00	6.48E+00	U
WD	STJ	518715	023	8/12/20	Zn-65	-1.38E+00	1.63E+00	4.99E+00	U
WD	STJ	518715	023	8/12/20	Zr-95	-1.96E+00	1.56E+00	4.32E+00	U
WD	STJ	518715	024	8/12/20	I-131	5.14E-01	2.66E-01	7.74E-01	U
WD	LTW	518715	025	8/12/20	Ac-228	-5.44E+00	5.31E+00	1.36E+01	U
WD	LTW	518715	025	8/12/20	Sb-124	-6.62E-01	2.16E+00	6.92E+00	U
WD	LTW	518715	025	8/12/20	Sb-125	-3.94E+00	2.67E+00	7.39E+00	U
WD	LTW	518715	025	8/12/20	BETA	1.56E+00	1.19E+00	3.70E+00	U
WD	LTW	518715	025	8/12/20	Ba-140	-5.68E-01	4.16E+00	1.25E+01	U
WD	LTW	518715	025	8/12/20	Be-7	6.19E+00	8.74E+00	2.89E+01	U
WD	LTW	518715	025	8/12/20	Ce-141	1.76E+00	1.37E+00	4.28E+00	U
WD	LTW	518715	025	8/12/20	Ce-144	2.46E+00	5.55E+00	1.75E+01	U
WD	LTW	518715	025	8/12/20	Cs-134	-6.70E-01	1.05E+00	3.30E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	518715	025	8/12/20	Cs-137	-1.01E+00	1.15E+00	3.19E+00	U
WD	LTW	518715	025	8/12/20	Cr-51	-1.40E+00	7.10E+00	2.32E+01	U
WD	LTW	518715	025	8/12/20	Co-57	-5.82E-01	6.83E-01	2.02E+00	U
WD	LTW	518715	025	8/12/20	Co-58	-1.31E-01	1.05E+00	3.49E+00	U
WD	LTW	518715	025	8/12/20	Co-60	1.12E+00	1.13E+00	3.89E+00	U
WD	LTW	518715	025	8/12/20	I-131	-5.71E-01	1.49E+00	4.77E+00	U
WD	LTW	518715	025	8/12/20	Fe-59	8.64E-01	1.88E+00	6.38E+00	U
WD	LTW	518715	025	8/12/20	La-140	6.33E-01	1.38E+00	4.84E+00	U
WD	LTW	518715	025	8/12/20	Mn-54	-9.45E-01	9.60E-01	2.88E+00	U
WD	LTW	518715	025	8/12/20	Nb-95	1.87E+00	1.84E+00	2.95E+00	U
WD	LTW	518715	025	8/12/20	K-40	-2.44E+01	1.48E+01	4.20E+01	U
WD	LTW	518715	025	8/12/20	Ru-103	-8.11E-01	1.06E+00	3.20E+00	U
WD	LTW	518715	025	8/12/20	Ru-106	3.79E+00	8.29E+00	2.88E+01	U
WD	LTW	518715	025	8/12/20	Se-75	2.43E-01	1.13E+00	3.81E+00	U
WD	LTW	518715	025	8/12/20	Ag-108m	-5.21E-01	7.37E-01	2.25E+00	U
WD	LTW	518715	025	8/12/20	Ag-110m	7.91E-01	1.54E+00	5.25E+00	U
WD	LTW	518715	025	8/12/20	Th-228	1.66E+00	3.24E+00	6.64E+00	U
WD	LTW	518715	025	8/12/20	Zn-65	-9.30E-01	2.02E+00	6.26E+00	U
WD	LTW	518715	025	8/12/20	Zr-95	-3.90E+00	2.01E+00	5.08E+00	U
WD	LTW	518715	026	8/12/20	I-131	3.20E-01	2.73E-01	8.66E-01	U
WD	STJ	519910	023	8/26/20	Ac-228	-1.12E+01	6.37E+00	1.69E+01	U
WD	STJ	519910	023	8/26/20	Sb-124	-7.22E+00	3.75E+00	7.05E+00	U
WD	STJ	519910	023	8/26/20	Sb-125	-3.19E+00	3.62E+00	1.05E+01	U
WD	STJ	519910	023	8/26/20	BETA	2.25E+00	1.18E+00	3.43E+00	U
WD	STJ	519910	023	8/26/20	Ba-140	-8.23E+00	7.21E+00	1.85E+01	U
WD	STJ	519910	023	8/26/20	Be-7	1.85E+01	1.18E+01	3.93E+01	U
WD	STJ	519910	023	8/26/20	Ce-141	2.46E+00	2.20E+00	7.38E+00	U
WD	STJ	519910	023	8/26/20	Ce-144	-7.06E+00	9.73E+00	3.09E+01	U
WD	STJ	519910	023	8/26/20	Cs-134	1.21E+00	1.51E+00	5.02E+00	U
WD	STJ	519910	023	8/26/20	Cs-137	1.46E+00	1.26E+00	4.16E+00	U
WD	STJ	519910	023	8/26/20	Cr-51	4.43E+00	1.40E+01	4.60E+01	U
WD	STJ	519910	023	8/26/20	Co-57	1.62E+00	1.17E+00	3.89E+00	U
WD	STJ	519910	023	8/26/20	Co-58	-9.96E-01	1.27E+00	3.26E+00	U
WD	STJ	519910	023	8/26/20	Co-60	-6.38E-01	1.21E+00	3.67E+00	U
WD	STJ	519910	023	8/26/20	I-131	5.77E-01	2.46E+00	7.64E+00	U
WD	STJ	519910	023	8/26/20	Fe-59	-6.42E-02	2.24E+00	7.41E+00	U
WD	STJ	519910	023	8/26/20	La-140	-2.37E-01	2.38E+00	7.64E+00	U
WD	STJ	519910	023	8/26/20	Mn-54	-1.48E+00	1.34E+00	3.91E+00	U
WD	STJ	519910	023	8/26/20	Nb-95	-1.61E+00	1.45E+00	4.01E+00	U
WD	STJ	519910	023	8/26/20	K-40	3.42E+01	1.36E+01	4.26E+01	U
WD	STJ	519910	023	8/26/20	Ru-103	7.14E-01	1.40E+00	4.59E+00	U
WD	STJ	519910	023	8/26/20	Ru-106	-3.98E+00	1.12E+01	3.68E+01	U
WD	STJ	519910	023	8/26/20	Se-75	-1.31E+00	1.90E+00	5.72E+00	U
WD	STJ	519910	023	8/26/20	Ag-108m	-3.43E-01	1.17E+00	3.66E+00	U
WD	STJ	519910	023	8/26/20	Ag-110m	-2.08E+00	1.74E+00	4.90E+00	U
WD	STJ	519910	023	8/26/20	Th-228	-1.37E+00	2.92E+00	9.48E+00	U
WD	STJ	519910	023	8/26/20	Zn-65	-1.28E+00	2.86E+00	7.68E+00	U
WD	STJ	519910	023	8/26/20	Zr-95	2.49E+00	2.33E+00	8.25E+00	U
WD	STJ	519910	024	8/26/20	I-131	3.79E-01	2.56E-01	7.86E-01	U
WD	LTW	519910	025	8/26/20	Ac-228	1.34E+01	1.13E+01	2.60E+01	U
WD	LTW	519910	025	8/26/20	Sb-124	-5.88E-01	3.60E+00	1.17E+01	U
WD	LTW	519910	025	8/26/20	Sb-125	1.64E+00	3.38E+00	1.13E+01	U
WD	LTW	519910	025	8/26/20	BETA	3.23E+00	1.28E+00	3.55E+00	U
WD	LTW	519910	025	8/26/20	Ba-140	-3.19E+00	6.04E+00	1.81E+01	U
WD	LTW	519910	025	8/26/20	Be-7	1.95E+01	1.23E+01	4.20E+01	U
WD	LTW	519910	025	8/26/20	Ce-141	2.19E+00	2.02E+00	7.01E+00	U
WD	LTW	519910	025	8/26/20	Ce-144	-2.28E+00	7.62E+00	2.33E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	519910	025	8/26/20	Cs-134	-2.36E+00	1.90E+00	5.06E+00	U
WD	LTW	519910	025	8/26/20	Cs-137	1.59E+00	1.46E+00	5.24E+00	U
WD	LTW	519910	025	8/26/20	Cr-51	1.19E+01	1.21E+01	4.14E+01	U
WD	LTW	519910	025	8/26/20	Co-57	-6.95E-02	1.01E+00	3.14E+00	U
WD	LTW	519910	025	8/26/20	Co-58	-1.70E+00	1.31E+00	3.47E+00	U
WD	LTW	519910	025	8/26/20	Co-60	-2.92E-01	1.62E+00	5.07E+00	U
WD	LTW	519910	025	8/26/20	I-131	-6.29E-01	1.95E+00	6.22E+00	U
WD	LTW	519910	025	8/26/20	Fe-59	-1.99E+00	3.48E+00	9.77E+00	U
WD	LTW	519910	025	8/26/20	La-140	5.67E+00	2.76E+00	1.04E+01	U
WD	LTW	519910	025	8/26/20	Mn-54	9.10E-01	1.34E+00	4.72E+00	U
WD	LTW	519910	025	8/26/20	Nb-95	-5.29E-01	1.57E+00	4.42E+00	U
WD	LTW	519910	025	8/26/20	K-40	4.03E+01	2.70E+01	4.48E+01	U
WD	LTW	519910	025	8/26/20	Ru-103	-6.46E-01	1.75E+00	4.80E+00	U
WD	LTW	519910	025	8/26/20	Ru-106	-4.69E-02	1.10E+01	3.72E+01	U
WD	LTW	519910	025	8/26/20	Se-75	-3.28E+00	1.61E+00	3.98E+00	U
WD	LTW	519910	025	8/26/20	Ag-108m	6.92E-03	1.22E+00	3.96E+00	U
WD	LTW	519910	025	8/26/20	Ag-110m	-2.40E+00	1.88E+00	4.99E+00	U
WD	LTW	519910	025	8/26/20	Th-228	4.34E+00	5.54E+00	9.61E+00	U
WD	LTW	519910	025	8/26/20	Zn-65	-5.24E+00	3.12E+00	6.81E+00	U
WD	LTW	519910	025	8/26/20	Zr-95	1.43E+00	2.12E+00	7.57E+00	U
WD	LTW	519910	026	8/26/20	I-131	4.54E-01	2.55E-01	7.55E-01	U
WD	STJ	521133	023	9/9/20	Ac-228	-1.62E-01	6.31E+00	2.12E+01	U
WD	STJ	521133	023	9/9/20	Sb-124	-1.98E+00	2.82E+00	7.86E+00	U
WD	STJ	521133	023	9/9/20	Sb-125	7.61E+00	4.50E+00	1.06E+01	U
WD	STJ	521133	023	9/9/20	BETA	4.54E-01	1.09E+00	3.52E+00	U
WD	STJ	521133	023	9/9/20	Ba-140	2.57E+00	6.02E+00	2.00E+01	U
WD	STJ	521133	023	9/9/20	Be-7	-2.79E+00	9.27E+00	2.95E+01	U
WD	STJ	521133	023	9/9/20	Ce-141	7.23E-01	2.08E+00	6.36E+00	U
WD	STJ	521133	023	9/9/20	Ce-144	-6.09E+00	6.96E+00	2.04E+01	U
WD	STJ	521133	023	9/9/20	Cs-134	-6.21E-01	1.31E+00	4.23E+00	U
WD	STJ	521133	023	9/9/20	Cs-137	-1.01E+00	1.33E+00	3.90E+00	U
WD	STJ	521133	023	9/9/20	Cr-51	-9.00E+00	9.99E+00	3.09E+01	U
WD	STJ	521133	023	9/9/20	Co-57	-5.91E-01	8.96E-01	2.70E+00	U
WD	STJ	521133	023	9/9/20	Co-58	1.83E-02	1.18E+00	4.02E+00	U
WD	STJ	521133	023	9/9/20	Co-60	2.21E+00	1.24E+00	4.61E+00	U
WD	STJ	521133	023	9/9/20	I-131	-9.56E-01	1.80E+00	5.73E+00	U
WD	STJ	521133	023	9/9/20	Fe-59	-4.56E+00	2.32E+00	4.64E+00	U
WD	STJ	521133	023	9/9/20	La-140	1.41E+00	1.60E+00	5.81E+00	U
WD	STJ	521133	023	9/9/20	Mn-54	-1.38E+00	1.16E+00	3.17E+00	U
WD	STJ	521133	023	9/9/20	Nb-95	-1.18E+00	1.28E+00	3.57E+00	U
WD	STJ	521133	023	9/9/20	K-40	-1.39E+01	1.69E+01	4.96E+01	U
WD	STJ	521133	023	9/9/20	Ru-103	-1.77E+00	1.18E+00	3.12E+00	U
WD	STJ	521133	023	9/9/20	Ru-106	-7.93E+00	1.05E+01	3.09E+01	U
WD	STJ	521133	023	9/9/20	Se-75	-2.47E-01	1.35E+00	4.51E+00	U
WD	STJ	521133	023	9/9/20	Ag-108m	5.67E-01	1.01E+00	3.27E+00	U
WD	STJ	521133	023	9/9/20	Ag-110m	-1.02E+00	1.51E+00	4.69E+00	U
WD	STJ	521133	023	9/9/20	Th-228	1.99E+00	3.58E+00	8.24E+00	U
WD	STJ	521133	023	9/9/20	Zn-65	-1.03E+00	2.76E+00	7.55E+00	U
WD	STJ	521133	023	9/9/20	Zr-95	1.44E+00	2.35E+00	7.79E+00	U
WD	STJ	521133	024	9/9/20	I-131	-2.55E-01	2.38E-01	7.98E-01	U
WD	LTW	521133	025	9/9/20	Ac-228	5.23E+00	6.41E+00	2.14E+01	U
WD	LTW	521133	025	9/9/20	Sb-124	8.93E-01	3.47E+00	1.20E+01	U
WD	LTW	521133	025	9/9/20	Sb-125	6.94E+00	3.68E+00	1.23E+01	U
WD	LTW	521133	025	9/9/20	BETA	1.33E+00	8.23E-01	2.30E+00	U
WD	LTW	521133	025	9/9/20	Ba-140	-5.60E-01	5.56E+00	1.85E+01	U
WD	LTW	521133	025	9/9/20	Be-7	-1.72E+01	1.01E+01	2.59E+01	U
WD	LTW	521133	025	9/9/20	Ce-141	-2.85E-01	2.49E+00	7.72E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	521133	025	9/9/20	Ce-144	7.47E+00	8.96E+00	2.67E+01	U
WD	LTW	521133	025	9/9/20	Cs-134	1.44E+00	1.69E+00	5.80E+00	U
WD	LTW	521133	025	9/9/20	Cs-137	8.17E-01	1.35E+00	4.64E+00	U
WD	LTW	521133	025	9/9/20	Cr-51	9.32E+00	1.18E+01	3.96E+01	U
WD	LTW	521133	025	9/9/20	Co-57	-8.38E-02	1.18E+00	3.68E+00	U
WD	LTW	521133	025	9/9/20	Co-58	-4.01E-01	1.44E+00	4.51E+00	U
WD	LTW	521133	025	9/9/20	Co-60	1.19E+00	1.43E+00	5.10E+00	U
WD	LTW	521133	025	9/9/20	I-131	-1.79E-01	2.17E+00	6.93E+00	U
WD	LTW	521133	025	9/9/20	Fe-59	1.56E+00	3.03E+00	1.05E+01	U
WD	LTW	521133	025	9/9/20	La-140	-4.13E-01	2.47E+00	7.74E+00	U
WD	LTW	521133	025	9/9/20	Mn-54	-2.17E+00	1.39E+00	3.35E+00	U
WD	LTW	521133	025	9/9/20	Nb-95	-2.53E-01	1.46E+00	4.67E+00	U
WD	LTW	521133	025	9/9/20	K-40	-1.71E+01	1.97E+01	5.73E+01	U
WD	LTW	521133	025	9/9/20	Ru-103	-9.81E-01	1.31E+00	4.10E+00	U
WD	LTW	521133	025	9/9/20	Ru-106	1.08E+01	1.00E+01	3.57E+01	U
WD	LTW	521133	025	9/9/20	Se-75	1.72E+00	1.69E+00	5.75E+00	U
WD	LTW	521133	025	9/9/20	Ag-108m	1.89E+00	1.43E+00	4.39E+00	U
WD	LTW	521133	025	9/9/20	Ag-110m	6.18E-01	2.24E+00	6.51E+00	U
WD	LTW	521133	025	9/9/20	Th-228	2.31E+00	4.92E+00	9.61E+00	U
WD	LTW	521133	025	9/9/20	Zn-65	-8.39E-01	3.17E+00	1.03E+01	U
WD	LTW	521133	025	9/9/20	Zr-95	-1.22E+00	2.21E+00	6.71E+00	U
WD	LTW	521133	026	9/9/20	I-131	-1.97E-01	2.24E-01	7.85E-01	U
WD	STJ	522500	023	9/23/20	Ac-228	6.93E+00	5.96E+00	9.30E+00	U
WD	STJ	522500	023	9/23/20	Sb-124	2.02E+00	1.77E+00	6.27E+00	U
WD	STJ	522500	023	9/23/20	Sb-125	5.16E-01	2.09E+00	6.80E+00	U
WD	STJ	522500	023	9/23/20	BETA	1.04E-01	8.08E-01	2.62E+00	U
WD	STJ	522500	023	9/23/20	Ba-140	3.72E-01	3.62E+00	1.16E+01	U
WD	STJ	522500	023	9/23/20	Be-7	-7.95E+00	7.47E+00	2.19E+01	U
WD	STJ	522500	023	9/23/20	Ce-141	-1.19E+00	1.42E+00	4.13E+00	U
WD	STJ	522500	023	9/23/20	Ce-144	5.01E-01	4.97E+00	1.69E+01	U
WD	STJ	522500	023	9/23/20	Cs-134	-1.04E+00	8.47E-01	2.49E+00	U
WD	STJ	522500	023	9/23/20	Cs-137	4.32E-01	8.38E-01	2.87E+00	U
WD	STJ	522500	023	9/23/20	Cr-51	-8.53E+00	7.45E+00	2.24E+01	U
WD	STJ	522500	023	9/23/20	Co-57	-5.98E-01	6.45E-01	2.09E+00	U
WD	STJ	522500	023	9/23/20	Co-58	-9.04E-02	6.91E-01	2.28E+00	U
WD	STJ	522500	023	9/23/20	Co-60	2.36E+00	1.36E+00	2.13E+00	UI
WD	STJ	522500	023	9/23/20	I-131	-2.23E+00	1.34E+00	3.68E+00	U
WD	STJ	522500	023	9/23/20	Fe-59	-9.59E-01	1.61E+00	4.97E+00	U
WD	STJ	522500	023	9/23/20	La-140	-1.59E+00	1.16E+00	3.19E+00	U
WD	STJ	522500	023	9/23/20	Mn-54	-3.20E-01	7.01E-01	2.25E+00	U
WD	STJ	522500	023	9/23/20	Nb-95	5.63E+00	2.13E+00	2.07E+00	UI
WD	STJ	522500	023	9/23/20	K-40	4.07E+01	1.68E+01	1.92E+01	UI
WD	STJ	522500	023	9/23/20	Ru-103	4.90E-01	8.46E-01	2.75E+00	U
WD	STJ	522500	023	9/23/20	Ru-106	8.81E+00	7.01E+00	2.40E+01	U
WD	STJ	522500	023	9/23/20	Se-75	-1.28E+00	1.09E+00	3.33E+00	U
WD	STJ	522500	023	9/23/20	Ag-108m	7.88E-01	7.07E-01	2.32E+00	U
WD	STJ	522500	023	9/23/20	Ag-110m	3.15E-01	9.23E-01	3.11E+00	U
WD	STJ	522500	023	9/23/20	Th-228	-1.57E+00	1.94E+00	5.28E+00	U
WD	STJ	522500	023	9/23/20	Zn-65	-2.23E+00	1.66E+00	4.55E+00	U
WD	STJ	522500	023	9/23/20	Zr-95	-8.33E-03	1.42E+00	4.17E+00	U
WD	STJ	522500	024	9/23/20	I-131	6.76E-02	2.37E-01	7.77E-01	U
WD	LTW	522500	025	9/23/20	Ac-228	-6.66E-01	3.46E+00	1.02E+01	U
WD	LTW	522500	025	9/23/20	Sb-124	2.25E+00	1.84E+00	6.44E+00	U
WD	LTW	522500	025	9/23/20	Sb-125	-4.89E-01	1.78E+00	5.89E+00	U
WD	LTW	522500	025	9/23/20	BETA	-2.59E-01	7.36E-01	2.48E+00	U
WD	LTW	522500	025	9/23/20	Ba-140	3.59E-01	2.76E+00	9.20E+00	U
WD	LTW	522500	025	9/23/20	Be-7	-4.65E+00	5.93E+00	1.86E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	522500	025	9/23/20	Ce-141	7.86E-01	1.22E+00	4.00E+00	U
WD	LTW	522500	025	9/23/20	Ce-144	6.83E-01	4.41E+00	1.44E+01	U
WD	LTW	522500	025	9/23/20	Cs-134	3.97E-01	7.19E-01	2.39E+00	U
WD	LTW	522500	025	9/23/20	Cs-137	1.63E+00	1.01E+00	1.96E+00	U
WD	LTW	522500	025	9/23/20	Cr-51	-3.73E+00	5.64E+00	1.85E+01	U
WD	LTW	522500	025	9/23/20	Co-57	-5.79E-02	5.99E-01	1.95E+00	U
WD	LTW	522500	025	9/23/20	Co-58	4.07E-01	7.98E-01	2.38E+00	U
WD	LTW	522500	025	9/23/20	Co-60	-1.63E-01	7.42E-01	2.41E+00	U
WD	LTW	522500	025	9/23/20	I-131	-9.67E-01	1.06E+00	3.37E+00	U
WD	LTW	522500	025	9/23/20	Fe-59	1.64E-01	1.27E+00	4.33E+00	U
WD	LTW	522500	025	9/23/20	La-140	-5.63E-01	1.20E+00	3.17E+00	U
WD	LTW	522500	025	9/23/20	Mn-54	-1.71E+00	8.74E-01	1.66E+00	U
WD	LTW	522500	025	9/23/20	Nb-95	3.57E-02	8.90E-01	2.53E+00	U
WD	LTW	522500	025	9/23/20	K-40	9.40E+00	1.76E+01	2.47E+01	U
WD	LTW	522500	025	9/23/20	Ru-103	1.13E+00	7.77E-01	2.42E+00	U
WD	LTW	522500	025	9/23/20	Ru-106	-3.59E+00	6.41E+00	1.77E+01	U
WD	LTW	522500	025	9/23/20	Se-75	-4.65E-01	9.30E-01	2.81E+00	U
WD	LTW	522500	025	9/23/20	Ag-108m	-1.77E-01	5.64E-01	1.86E+00	U
WD	LTW	522500	025	9/23/20	Ag-110m	-4.50E-01	8.51E-01	2.56E+00	U
WD	LTW	522500	025	9/23/20	Th-228	8.39E-01	2.09E+00	5.10E+00	U
WD	LTW	522500	025	9/23/20	Zn-65	-6.02E-02	1.40E+00	4.69E+00	U
WD	LTW	522500	025	9/23/20	Zr-95	-1.42E+00	1.16E+00	3.20E+00	U
WD	LTW	522500	026	9/23/20	I-131	5.02E-01	2.69E-01	8.59E-01	U
WD	STJ	523936	023	10/7/20	Ac-228	6.02E+00	5.39E+00	1.90E+01	U
WD	STJ	523936	023	10/7/20	Sb-124	-2.90E+00	3.18E+00	8.66E+00	U
WD	STJ	523936	023	10/7/20	Sb-125	-3.04E+00	3.72E+00	1.10E+01	U
WD	STJ	523936	023	10/7/20	BETA	1.44E+00	9.65E-01	2.76E+00	U
WD	STJ	523936	023	10/7/20	Ba-140	3.71E+00	6.21E+00	2.05E+01	U
WD	STJ	523936	023	10/7/20	Be-7	9.51E+00	1.09E+01	3.65E+01	U
WD	STJ	523936	023	10/7/20	Ce-141	4.62E+00	4.81E+00	7.95E+00	U
WD	STJ	523936	023	10/7/20	Ce-144	7.52E+00	8.75E+00	2.94E+01	U
WD	STJ	523936	023	10/7/20	Cs-134	-3.99E-01	1.57E+00	5.17E+00	U
WD	STJ	523936	023	10/7/20	Cs-137	7.53E-01	1.42E+00	4.46E+00	U
WD	STJ	523936	023	10/7/20	Cr-51	-4.81E+00	1.23E+01	3.88E+01	U
WD	STJ	523936	023	10/7/20	Co-57	4.98E-01	1.16E+00	3.89E+00	U
WD	STJ	523936	023	10/7/20	Co-58	8.28E-01	1.24E+00	4.37E+00	U
WD	STJ	523936	023	10/7/20	Co-60	9.26E-01	1.16E+00	4.14E+00	U
WD	STJ	523936	023	10/7/20	I-131	-1.59E+00	1.91E+00	5.67E+00	U
WD	STJ	523936	023	10/7/20	Fe-59	-1.57E+00	2.66E+00	6.93E+00	U
WD	STJ	523936	023	10/7/20	La-140	-4.65E-01	1.79E+00	5.57E+00	U
WD	STJ	523936	023	10/7/20	Mn-54	-7.82E-01	1.14E+00	3.52E+00	U
WD	STJ	523936	023	10/7/20	Nb-95	3.11E+00	1.44E+00	4.97E+00	U
WD	STJ	523936	023	10/7/20	K-40	-3.72E+00	1.40E+01	4.41E+01	U
WD	STJ	523936	023	10/7/20	Ru-103	-4.00E-01	1.38E+00	4.30E+00	U
WD	STJ	523936	023	10/7/20	Ru-106	-5.36E+00	1.06E+01	3.42E+01	U
WD	STJ	523936	023	10/7/20	Se-75	-9.68E-01	1.84E+00	5.77E+00	U
WD	STJ	523936	023	10/7/20	Ag-108m	-6.04E-01	1.11E+00	3.36E+00	U
WD	STJ	523936	023	10/7/20	Ag-110m	3.88E+00	2.55E+00	6.82E+00	U
WD	STJ	523936	023	10/7/20	Th-228	-5.00E+00	2.93E+00	8.09E+00	U
WD	STJ	523936	023	10/7/20	Zn-65	-1.98E+00	2.60E+00	7.77E+00	U
WD	STJ	523936	023	10/7/20	Zr-95	1.20E+00	2.19E+00	7.66E+00	U
WD	STJ	523936	024	10/7/20	I-131	2.05E-01	2.81E-01	9.08E-01	U
WD	LTW	523936	025	10/7/20	Ac-228	3.46E-01	4.74E+00	1.50E+01	U
WD	LTW	523936	025	10/7/20	Sb-124	2.02E+00	2.99E+00	1.05E+01	U
WD	LTW	523936	025	10/7/20	Sb-125	3.14E-01	2.84E+00	9.64E+00	U
WD	LTW	523936	025	10/7/20	BETA	1.82E+00	1.04E+00	3.14E+00	U
WD	LTW	523936	025	10/7/20	Ba-140	-6.65E-01	4.84E+00	1.60E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	523936	025	10/7/20	Be-7	-8.00E+00	8.22E+00	2.50E+01	U
WD	LTW	523936	025	10/7/20	Ce-141	-8.66E-01	1.92E+00	6.00E+00	U
WD	LTW	523936	025	10/7/20	Ce-144	4.26E-01	6.87E+00	2.21E+01	U
WD	LTW	523936	025	10/7/20	Cs-134	-2.14E+00	1.27E+00	3.16E+00	U
WD	LTW	523936	025	10/7/20	Cs-137	1.42E+00	1.10E+00	3.83E+00	U
WD	LTW	523936	025	10/7/20	Cr-51	2.00E+01	1.57E+01	3.06E+01	U
WD	LTW	523936	025	10/7/20	Co-57	5.25E-01	9.23E-01	3.02E+00	U
WD	LTW	523936	025	10/7/20	Co-58	2.96E-01	9.05E-01	3.04E+00	U
WD	LTW	523936	025	10/7/20	Co-60	1.82E-01	1.13E+00	3.76E+00	U
WD	LTW	523936	025	10/7/20	I-131	7.71E-01	1.59E+00	5.52E+00	U
WD	LTW	523936	025	10/7/20	Fe-59	-2.73E+00	1.87E+00	4.29E+00	U
WD	LTW	523936	025	10/7/20	La-140	0.00E+00	0.00E+00	5.26E+00	U
WD	LTW	523936	025	10/7/20	Mn-54	1.76E-01	9.11E-01	3.02E+00	U
WD	LTW	523936	025	10/7/20	Nb-95	-1.73E-01	1.22E+00	2.71E+00	U
WD	LTW	523936	025	10/7/20	K-40	-5.17E+01	2.04E+01	4.98E+01	U
WD	LTW	523936	025	10/7/20	Ru-103	-5.05E-02	1.06E+00	3.54E+00	U
WD	LTW	523936	025	10/7/20	Ru-106	-1.53E+01	9.76E+00	2.59E+01	U
WD	LTW	523936	025	10/7/20	Se-75	1.11E+00	1.54E+00	4.94E+00	U
WD	LTW	523936	025	10/7/20	Ag-108m	3.23E+00	1.46E+00	3.21E+00	UI
WD	LTW	523936	025	10/7/20	Ag-110m	-4.10E-01	1.32E+00	4.14E+00	U
WD	LTW	523936	025	10/7/20	Th-228	1.43E+00	2.67E+00	7.85E+00	U
WD	LTW	523936	025	10/7/20	Zn-65	2.25E+00	2.24E+00	7.73E+00	U
WD	LTW	523936	025	10/7/20	Zr-95	4.09E+00	2.14E+00	6.38E+00	U
WD	LTW	523936	026	10/7/20	I-131	2.59E-01	2.65E-01	8.60E-01	U
WD	STJ	525095	023	10/21/20	Ac-228	2.09E+00	5.20E+00	1.75E+01	U
WD	STJ	525095	023	10/21/20	Sb-124	-3.92E+00	2.42E+00	5.21E+00	U
WD	STJ	525095	023	10/21/20	Sb-125	3.65E+00	3.31E+00	1.02E+01	U
WD	STJ	525095	023	10/21/20	BETA	1.24E+00	7.34E-01	2.01E+00	U
WD	STJ	525095	023	10/21/20	Ba-140	-5.52E+00	7.02E+00	1.81E+01	U
WD	STJ	525095	023	10/21/20	Be-7	1.34E+01	9.39E+00	3.16E+01	U
WD	STJ	525095	023	10/21/20	Ce-141	-4.56E+00	2.52E+00	5.92E+00	U
WD	STJ	525095	023	10/21/20	Ce-144	7.44E+00	6.74E+00	2.18E+01	U
WD	STJ	525095	023	10/21/20	Cs-134	7.88E-01	1.16E+00	4.03E+00	U
WD	STJ	525095	023	10/21/20	Cs-137	3.07E-01	1.08E+00	3.71E+00	U
WD	STJ	525095	023	10/21/20	Cr-51	-8.22E+00	1.04E+01	3.27E+01	U
WD	STJ	525095	023	10/21/20	Co-57	1.66E+00	1.09E+00	3.03E+00	U
WD	STJ	525095	023	10/21/20	Co-58	-5.53E-01	1.57E+00	4.44E+00	U
WD	STJ	525095	023	10/21/20	Co-60	4.30E-01	1.10E+00	3.85E+00	U
WD	STJ	525095	023	10/21/20	I-131	-4.51E+00	2.41E+00	6.23E+00	U
WD	STJ	525095	023	10/21/20	Fe-59	-2.51E+00	2.17E+00	5.85E+00	U
WD	STJ	525095	023	10/21/20	La-140	-2.58E-01	2.03E+00	6.65E+00	U
WD	STJ	525095	023	10/21/20	Mn-54	-1.63E+00	1.07E+00	2.87E+00	U
WD	STJ	525095	023	10/21/20	Nb-95	2.16E+00	1.23E+00	4.25E+00	U
WD	STJ	525095	023	10/21/20	K-40	-2.33E+00	1.69E+01	6.36E+01	U
WD	STJ	525095	023	10/21/20	Ru-103	-9.58E-01	1.20E+00	3.61E+00	U
WD	STJ	525095	023	10/21/20	Ru-106	2.61E+00	1.02E+01	3.30E+01	U
WD	STJ	525095	023	10/21/20	Se-75	1.16E+00	1.42E+00	4.88E+00	U
WD	STJ	525095	023	10/21/20	Ag-108m	6.29E-03	9.40E-01	2.74E+00	U
WD	STJ	525095	023	10/21/20	Ag-110m	1.91E+00	1.66E+00	5.73E+00	U
WD	STJ	525095	023	10/21/20	Th-228	5.42E+00	4.16E+00	7.96E+00	U
WD	STJ	525095	023	10/21/20	Zn-65	3.12E+00	2.61E+00	8.28E+00	U
WD	STJ	525095	023	10/21/20	Zr-95	3.11E+00	1.96E+00	7.20E+00	U
WD	STJ	525095	024	10/21/20	I-131	-3.16E-01	2.41E-01	8.18E-01	U
WD	LTW	525095	025	10/21/20	Ac-228	2.64E+00	7.61E+00	1.23E+01	U
WD	LTW	525095	025	10/21/20	Sb-124	-1.69E+00	2.82E+00	8.32E+00	U
WD	LTW	525095	025	10/21/20	Sb-125	-1.40E+00	2.49E+00	7.97E+00	U
WD	LTW	525095	025	10/21/20	BETA	-7.32E-01	6.51E-01	2.32E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	525095	025	10/21/20	Ba-140	-9.55E+00	6.66E+00	1.68E+01	U
WD	LTW	525095	025	10/21/20	Be-7	-1.00E+01	9.15E+00	2.71E+01	U
WD	LTW	525095	025	10/21/20	Ce-141	-2.16E+00	2.05E+00	6.09E+00	U
WD	LTW	525095	025	10/21/20	Ce-144	7.32E+00	6.38E+00	2.12E+01	U
WD	LTW	525095	025	10/21/20	Cs-134	-1.14E+00	1.06E+00	2.87E+00	U
WD	LTW	525095	025	10/21/20	Cs-137	1.34E+00	1.39E+00	1.82E+00	U
WD	LTW	525095	025	10/21/20	Cr-51	-4.57E+00	9.21E+00	3.04E+01	U
WD	LTW	525095	025	10/21/20	Co-57	3.26E-01	8.22E-01	2.72E+00	U
WD	LTW	525095	025	10/21/20	Co-58	-1.19E+00	9.58E-01	2.45E+00	U
WD	LTW	525095	025	10/21/20	Co-60	1.31E+00	1.12E+00	4.06E+00	U
WD	LTW	525095	025	10/21/20	I-131	-1.36E-01	1.94E+00	6.57E+00	U
WD	LTW	525095	025	10/21/20	Fe-59	-4.92E-01	2.25E+00	7.42E+00	U
WD	LTW	525095	025	10/21/20	La-140	-1.61E+00	2.23E+00	6.52E+00	U
WD	LTW	525095	025	10/21/20	Mn-54	1.12E+00	1.01E+00	3.48E+00	U
WD	LTW	525095	025	10/21/20	Nb-95	-1.99E+00	1.25E+00	3.10E+00	U
WD	LTW	525095	025	10/21/20	K-40	2.96E-01	1.52E+01	2.14E+01	U
WD	LTW	525095	025	10/21/20	Ru-103	8.64E-01	1.02E+00	3.54E+00	U
WD	LTW	525095	025	10/21/20	Ru-106	-1.63E+01	1.03E+01	2.68E+01	U
WD	LTW	525095	025	10/21/20	Se-75	-1.55E+00	1.49E+00	4.17E+00	U
WD	LTW	525095	025	10/21/20	Ag-108m	-6.81E-02	8.66E-01	2.89E+00	U
WD	LTW	525095	025	10/21/20	Ag-110m	2.28E-01	1.35E+00	4.39E+00	U
WD	LTW	525095	025	10/21/20	Th-228	-3.54E+00	2.53E+00	7.19E+00	U
WD	LTW	525095	025	10/21/20	Zn-65	-2.44E+00	2.56E+00	7.86E+00	U
WD	LTW	525095	025	10/21/20	Zr-95	5.91E-02	1.27E+00	4.14E+00	U
WD	LTW	525095	026	10/21/20	I-131	-2.90E-01	2.40E-01	8.14E-01	U
WD	STJ	526413	001	9/23/20	H-3	5.61E+02	4.63E+02	1.43E+03	U
WD	LTW	526413	002	9/23/20	H-3	-4.83E+02	4.08E+02	1.42E+03	U
WD	STJ	526673	023	11/4/20	Ac-228	-5.41E+00	4.56E+00	1.21E+01	U
WD	STJ	526673	023	11/4/20	Sb-124	2.04E-01	1.90E+00	6.18E+00	U
WD	STJ	526673	023	11/4/20	Sb-125	2.08E+00	2.12E+00	7.14E+00	U
WD	STJ	526673	023	11/4/20	BETA	1.77E+00	9.61E-01	2.72E+00	U
WD	STJ	526673	023	11/4/20	Ba-140	3.96E+00	3.83E+00	1.28E+01	U
WD	STJ	526673	023	11/4/20	Be-7	-4.81E+00	7.03E+00	1.92E+01	U
WD	STJ	526673	023	11/4/20	Ce-141	2.29E+00	2.25E+00	3.59E+00	U
WD	STJ	526673	023	11/4/20	Ce-144	3.42E+00	4.68E+00	1.49E+01	U
WD	STJ	526673	023	11/4/20	Cs-134	2.25E-01	8.40E-01	2.90E+00	U
WD	STJ	526673	023	11/4/20	Cs-137	-1.59E+00	1.03E+00	2.63E+00	U
WD	STJ	526673	023	11/4/20	Cr-51	-8.24E+00	6.93E+00	2.11E+01	U
WD	STJ	526673	023	11/4/20	Co-57	-4.18E-01	5.91E-01	1.79E+00	U
WD	STJ	526673	023	11/4/20	Co-58	8.23E-01	8.26E-01	2.89E+00	U
WD	STJ	526673	023	11/4/20	Co-60	-3.31E-01	7.73E-01	2.41E+00	U
WD	STJ	526673	023	11/4/20	I-131	-5.55E-01	1.19E+00	3.86E+00	U
WD	STJ	526673	023	11/4/20	Fe-59	-2.03E+00	1.49E+00	4.06E+00	U
WD	STJ	526673	023	11/4/20	La-140	-7.82E-01	1.25E+00	3.70E+00	U
WD	STJ	526673	023	11/4/20	Mn-54	-6.76E-01	8.37E-01	2.65E+00	U
WD	STJ	526673	023	11/4/20	Nb-95	-1.45E+00	9.99E-01	2.10E+00	U
WD	STJ	526673	023	11/4/20	K-40	4.10E+00	1.39E+01	3.85E+01	U
WD	STJ	526673	023	11/4/20	Ru-103	6.58E-01	8.77E-01	2.66E+00	U
WD	STJ	526673	023	11/4/20	Ru-106	-5.24E+00	7.00E+00	2.10E+01	U
WD	STJ	526673	023	11/4/20	Se-75	3.60E-01	2.00E+00	3.10E+00	U
WD	STJ	526673	023	11/4/20	Ag-108m	6.56E-01	6.74E-01	2.27E+00	U
WD	STJ	526673	023	11/4/20	Ag-110m	-1.66E+00	1.13E+00	3.20E+00	U
WD	STJ	526673	023	11/4/20	Th-228	1.32E+00	1.94E+00	4.32E+00	U
WD	STJ	526673	023	11/4/20	Zn-65	-5.37E-01	1.81E+00	4.45E+00	U
WD	STJ	526673	023	11/4/20	Zr-95	5.03E-01	1.79E+00	4.89E+00	U
WD	STJ	526673	024	11/4/20	I-131	5.72E-01	2.35E-01	7.20E-01	U
WD	LTW	526673	025	11/4/20	Ac-228	1.14E-01	5.18E+00	1.53E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	526673	025	11/4/20	Sb-124	1.32E+00	2.35E+00	8.17E+00	U
WD	LTW	526673	025	11/4/20	Sb-125	3.62E+00	2.98E+00	9.89E+00	U
WD	LTW	526673	025	11/4/20	BETA	2.91E-01	1.14E+00	3.67E+00	U
WD	LTW	526673	025	11/4/20	Ba-140	-3.28E+00	5.25E+00	1.63E+01	U
WD	LTW	526673	025	11/4/20	Be-7	5.85E+00	9.23E+00	3.06E+01	U
WD	LTW	526673	025	11/4/20	Ce-141	1.03E+00	2.50E+00	5.70E+00	U
WD	LTW	526673	025	11/4/20	Ce-144	6.89E+00	8.59E+00	2.37E+01	U
WD	LTW	526673	025	11/4/20	Cs-134	1.47E+00	1.26E+00	4.23E+00	U
WD	LTW	526673	025	11/4/20	Cs-137	8.53E-01	1.16E+00	3.58E+00	U
WD	LTW	526673	025	11/4/20	Cr-51	4.55E+00	1.01E+01	3.40E+01	U
WD	LTW	526673	025	11/4/20	Co-57	1.33E+00	9.86E-01	3.23E+00	U
WD	LTW	526673	025	11/4/20	Co-58	-1.22E-01	9.51E-01	3.11E+00	U
WD	LTW	526673	025	11/4/20	Co-60	1.31E-04	1.11E+00	3.65E+00	U
WD	LTW	526673	025	11/4/20	I-131	9.35E-01	1.75E+00	5.56E+00	U
WD	LTW	526673	025	11/4/20	Fe-59	1.45E+00	2.03E+00	6.99E+00	U
WD	LTW	526673	025	11/4/20	La-140	1.44E+00	1.64E+00	5.61E+00	U
WD	LTW	526673	025	11/4/20	Mn-54	-1.25E+00	1.08E+00	3.18E+00	U
WD	LTW	526673	025	11/4/20	Nb-95	-4.95E-01	9.50E-01	3.02E+00	U
WD	LTW	526673	025	11/4/20	K-40	9.15E+00	1.65E+01	4.96E+01	U
WD	LTW	526673	025	11/4/20	Ru-103	-1.67E+00	1.13E+00	3.21E+00	U
WD	LTW	526673	025	11/4/20	Ru-106	1.06E+01	8.82E+00	3.01E+01	U
WD	LTW	526673	025	11/4/20	Se-75	-9.97E-01	1.47E+00	4.55E+00	U
WD	LTW	526673	025	11/4/20	Ag-108m	-5.56E-01	9.32E-01	2.96E+00	U
WD	LTW	526673	025	11/4/20	Ag-110m	2.41E-01	1.50E+00	4.27E+00	U
WD	LTW	526673	025	11/4/20	Th-228	-6.70E+00	3.12E+00	7.59E+00	U
WD	LTW	526673	025	11/4/20	Zn-65	-7.83E-02	2.34E+00	7.79E+00	U
WD	LTW	526673	025	11/4/20	Zr-95	2.55E+00	1.83E+00	6.19E+00	U
WD	LTW	526673	026	11/4/20	I-131	2.76E-01	2.47E-01	7.89E-01	U
WD	STJ	528159	023	11/18/20	Ac-228	-6.54E+00	4.81E+00	1.41E+01	U
WD	STJ	528159	023	11/18/20	Sb-124	-8.53E-02	1.68E+00	5.58E+00	U
WD	STJ	528159	023	11/18/20	Sb-125	4.80E+00	2.59E+00	9.08E+00	U
WD	STJ	528159	023	11/18/20	BETA	-9.20E-02	1.02E+00	3.36E+00	U
WD	STJ	528159	023	11/18/20	Ba-140	-7.08E+00	4.57E+00	1.23E+01	U
WD	STJ	528159	023	11/18/20	Be-7	-8.35E+00	6.53E+00	1.84E+01	U
WD	STJ	528159	023	11/18/20	Ce-141	-1.77E+00	1.68E+00	4.55E+00	U
WD	STJ	528159	023	11/18/20	Ce-144	2.30E+00	6.02E+00	2.00E+01	U
WD	STJ	528159	023	11/18/20	Cs-134	-2.09E-01	9.56E-01	3.07E+00	U
WD	STJ	528159	023	11/18/20	Cs-137	-3.19E-01	8.22E-01	2.61E+00	U
WD	STJ	528159	023	11/18/20	Cr-51	7.26E+00	7.87E+00	2.60E+01	U
WD	STJ	528159	023	11/18/20	Co-57	-4.17E-01	7.91E-01	2.52E+00	U
WD	STJ	528159	023	11/18/20	Co-58	-1.82E+00	1.02E+00	2.30E+00	U
WD	STJ	528159	023	11/18/20	Co-60	2.82E-01	8.07E-01	2.72E+00	U
WD	STJ	528159	023	11/18/20	I-131	-7.60E-01	1.67E+00	4.99E+00	U
WD	STJ	528159	023	11/18/20	Fe-59	-2.29E+00	2.03E+00	5.28E+00	U
WD	STJ	528159	023	11/18/20	La-140	-2.64E-01	1.30E+00	4.21E+00	U
WD	STJ	528159	023	11/18/20	Mn-54	-8.15E-01	1.06E+00	3.16E+00	U
WD	STJ	528159	023	11/18/20	Nb-95	-2.03E-02	8.95E-01	2.95E+00	U
WD	STJ	528159	023	11/18/20	K-40	1.41E+01	1.56E+01	3.64E+01	U
WD	STJ	528159	023	11/18/20	Ru-103	2.37E-01	1.05E+00	3.38E+00	U
WD	STJ	528159	023	11/18/20	Ru-106	2.48E+00	8.40E+00	2.88E+01	U
WD	STJ	528159	023	11/18/20	Se-75	-1.87E+00	1.36E+00	3.67E+00	U
WD	STJ	528159	023	11/18/20	Ag-108m	-3.23E-01	8.05E-01	2.67E+00	U
WD	STJ	528159	023	11/18/20	Ag-110m	-4.03E-01	1.37E+00	4.10E+00	U
WD	STJ	528159	023	11/18/20	Th-228	3.34E+00	4.11E+00	1.06E+01	U
WD	STJ	528159	023	11/18/20	Zn-65	1.14E+00	2.10E+00	7.16E+00	U
WD	STJ	528159	023	11/18/20	Zr-95	-1.26E+00	1.87E+00	5.70E+00	U
WD	STJ	528159	024	11/18/20	I-131	-3.48E-01	2.39E-01	8.49E-01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	LTW	528159	025	11/18/20	Ac-228	2.84E+00	6.17E+00	2.11E+01	U
WD	LTW	528159	025	11/18/20	Sb-124	-1.58E+00	2.68E+00	7.95E+00	U
WD	LTW	528159	025	11/18/20	Sb-125	1.12E+00	2.62E+00	9.20E+00	U
WD	LTW	528159	025	11/18/20	BETA	1.63E-01	8.21E-01	2.65E+00	U
WD	LTW	528159	025	11/18/20	Ba-140	-6.78E+00	5.39E+00	1.55E+01	U
WD	LTW	528159	025	11/18/20	Be-7	9.22E+00	8.31E+00	2.97E+01	U
WD	LTW	528159	025	11/18/20	Ce-141	-2.29E+00	1.71E+00	4.91E+00	U
WD	LTW	528159	025	11/18/20	Ce-144	2.08E+00	6.80E+00	2.28E+01	U
WD	LTW	528159	025	11/18/20	Cs-134	-3.75E-01	1.08E+00	3.39E+00	U
WD	LTW	528159	025	11/18/20	Cs-137	1.19E+00	9.02E-01	3.13E+00	U
WD	LTW	528159	025	11/18/20	Cr-51	-5.20E+00	8.97E+00	2.65E+01	U
WD	LTW	528159	025	11/18/20	Co-57	-2.71E-01	9.44E-01	3.09E+00	U
WD	LTW	528159	025	11/18/20	Co-58	-6.11E-01	9.75E-01	2.91E+00	U
WD	LTW	528159	025	11/18/20	Co-60	1.61E-01	9.67E-01	3.35E+00	U
WD	LTW	528159	025	11/18/20	I-131	-1.91E+00	1.88E+00	5.17E+00	U
WD	LTW	528159	025	11/18/20	Fe-59	3.24E-01	2.22E+00	7.23E+00	U
WD	LTW	528159	025	11/18/20	La-140	-2.49E+00	1.65E+00	3.50E+00	U
WD	LTW	528159	025	11/18/20	Mn-54	-5.35E-01	1.06E+00	3.25E+00	U
WD	LTW	528159	025	11/18/20	Nb-95	1.30E+00	1.27E+00	4.43E+00	U
WD	LTW	528159	025	11/18/20	K-40	-1.24E+01	1.49E+01	4.90E+01	U
WD	LTW	528159	025	11/18/20	Ru-103	-4.11E-01	1.24E+00	3.65E+00	U
WD	LTW	528159	025	11/18/20	Ru-106	-1.00E+01	8.25E+00	2.26E+01	U
WD	LTW	528159	025	11/18/20	Se-75	1.50E+00	1.42E+00	4.69E+00	U
WD	LTW	528159	025	11/18/20	Ag-108m	-1.17E+00	9.36E-01	2.76E+00	U
WD	LTW	528159	025	11/18/20	Ag-110m	-8.74E-01	1.40E+00	4.16E+00	U
WD	LTW	528159	025	11/18/20	Th-228	3.83E+00	3.39E+00	8.23E+00	U
WD	LTW	528159	025	11/18/20	Zn-65	-4.23E+00	2.76E+00	6.36E+00	U
WD	LTW	528159	025	11/18/20	Zr-95	-7.72E-01	1.78E+00	5.55E+00	U
WD	LTW	528159	026	11/18/20	I-131	1.46E-02	2.63E-01	8.63E-01	U
WD	STJ	529301	023	12/2/20	Ac-228	3.77E+00	6.11E+00	1.18E+01	U
WD	STJ	529301	023	12/2/20	Sb-124	1.51E+00	2.00E+00	6.87E+00	U
WD	STJ	529301	023	12/2/20	Sb-125	7.80E-02	2.15E+00	7.22E+00	U
WD	STJ	529301	023	12/2/20	BETA	1.23E+00	1.14E+00	3.49E+00	U
WD	STJ	529301	023	12/2/20	Ba-140	-1.71E+00	3.51E+00	1.13E+01	U
WD	STJ	529301	023	12/2/20	Be-7	-7.95E+00	6.67E+00	2.02E+01	U
WD	STJ	529301	023	12/2/20	Ce-141	-2.99E+00	2.09E+00	4.59E+00	U
WD	STJ	529301	023	12/2/20	Ce-144	6.16E+00	5.47E+00	1.75E+01	U
WD	STJ	529301	023	12/2/20	Cs-134	3.07E+00	1.23E+00	2.97E+00	UI
WD	STJ	529301	023	12/2/20	Cs-137	2.53E-01	8.08E-01	2.68E+00	U
WD	STJ	529301	023	12/2/20	Cr-51	-3.07E+00	7.13E+00	2.38E+01	U
WD	STJ	529301	023	12/2/20	Co-57	8.06E-01	8.00E-01	2.58E+00	U
WD	STJ	529301	023	12/2/20	Co-58	-1.27E+00	7.62E-01	1.95E+00	U
WD	STJ	529301	023	12/2/20	Co-60	9.06E-01	8.14E-01	2.85E+00	U
WD	STJ	529301	023	12/2/20	I-131	5.46E-01	1.25E+00	4.27E+00	U
WD	STJ	529301	023	12/2/20	Fe-59	-6.97E-01	1.45E+00	4.71E+00	U
WD	STJ	529301	023	12/2/20	La-140	-1.40E+00	1.25E+00	3.56E+00	U
WD	STJ	529301	023	12/2/20	Mn-54	2.28E-01	7.57E-01	2.47E+00	U
WD	STJ	529301	023	12/2/20	Nb-95	-9.25E-01	1.02E+00	2.67E+00	U
WD	STJ	529301	023	12/2/20	K-40	-2.08E+01	1.53E+01	4.23E+01	U
WD	STJ	529301	023	12/2/20	Ru-103	-8.00E-01	7.79E-01	2.39E+00	U
WD	STJ	529301	023	12/2/20	Ru-106	-2.17E+00	6.90E+00	2.22E+01	U
WD	STJ	529301	023	12/2/20	Se-75	-3.20E-01	1.09E+00	3.70E+00	U
WD	STJ	529301	023	12/2/20	Ag-108m	-8.22E-01	7.21E-01	2.22E+00	U
WD	STJ	529301	023	12/2/20	Ag-110m	7.16E-01	8.98E-01	3.00E+00	U
WD	STJ	529301	023	12/2/20	Th-228	5.67E+00	2.66E+00	4.79E+00	UI
WD	STJ	529301	023	12/2/20	Zn-65	-2.75E+00	1.77E+00	4.97E+00	U
WD	STJ	529301	023	12/2/20	Zr-95	-1.14E+00	1.33E+00	3.98E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	STJ	529301	024	12/2/20	I-131	2.97E-01	2.01E-01	6.25E-01	U
WD	LTW	529301	025	12/2/20	Ac-228	7.77E+00	7.59E+00	7.46E+00	UI
WD	LTW	529301	025	12/2/20	Sb-124	-2.00E-01	1.86E+00	5.88E+00	U
WD	LTW	529301	025	12/2/20	Sb-125	2.41E+00	1.86E+00	6.26E+00	U
WD	LTW	529301	025	12/2/20	BETA	2.77E+00	1.22E+00	3.43E+00	U
WD	LTW	529301	025	12/2/20	Ba-140	2.07E+00	3.08E+00	1.04E+01	U
WD	LTW	529301	025	12/2/20	Be-7	-1.32E+00	5.75E+00	1.89E+01	U
WD	LTW	529301	025	12/2/20	Ce-141	9.93E-01	1.88E+00	3.82E+00	U
WD	LTW	529301	025	12/2/20	Ce-144	2.09E+00	4.48E+00	1.48E+01	U
WD	LTW	529301	025	12/2/20	Cs-134	5.12E-01	7.72E-01	2.54E+00	U
WD	LTW	529301	025	12/2/20	Cs-137	3.64E-01	7.33E-01	2.42E+00	U
WD	LTW	529301	025	12/2/20	Cr-51	4.00E+00	6.36E+00	2.19E+01	U
WD	LTW	529301	025	12/2/20	Co-57	7.72E-01	5.99E-01	1.95E+00	U
WD	LTW	529301	025	12/2/20	Co-58	6.53E-01	7.14E-01	2.15E+00	U
WD	LTW	529301	025	12/2/20	Co-60	1.12E+00	7.86E-01	2.71E+00	U
WD	LTW	529301	025	12/2/20	I-131	-3.24E-01	9.55E-01	3.18E+00	U
WD	LTW	529301	025	12/2/20	Fe-59	-1.74E-01	1.41E+00	4.67E+00	U
WD	LTW	529301	025	12/2/20	La-140	1.09E+00	1.24E+00	4.21E+00	U
WD	LTW	529301	025	12/2/20	Mn-54	-3.85E-01	7.42E-01	2.25E+00	U
WD	LTW	529301	025	12/2/20	Nb-95	-6.02E-01	7.68E-01	1.98E+00	U
WD	LTW	529301	025	12/2/20	K-40	5.84E+00	1.81E+01	2.15E+01	U
WD	LTW	529301	025	12/2/20	Ru-103	4.19E-01	6.94E-01	2.34E+00	U
WD	LTW	529301	025	12/2/20	Ru-106	2.15E+00	6.13E+00	2.02E+01	U
WD	LTW	529301	025	12/2/20	Se-75	5.59E-01	9.83E-01	3.11E+00	U
WD	LTW	529301	025	12/2/20	Ag-108m	6.73E-01	6.03E-01	2.04E+00	U
WD	LTW	529301	025	12/2/20	Ag-110m	5.81E-01	8.93E-01	3.11E+00	U
WD	LTW	529301	025	12/2/20	Th-228	3.16E+00	2.15E+00	4.86E+00	U
WD	LTW	529301	025	12/2/20	Zn-65	-5.60E-01	1.61E+00	4.52E+00	U
WD	LTW	529301	025	12/2/20	Zr-95	2.59E+00	1.56E+00	5.04E+00	U
WD	LTW	529301	026	12/2/20	I-131	5.86E-02	1.38E-01	4.49E-01	U
WD	STJ	530591	023	12/16/20	Ac-228	5.63E+00	4.42E+00	1.47E+01	U
WD	STJ	530591	023	12/16/20	Sb-124	3.67E-01	3.32E+00	1.13E+01	U
WD	STJ	530591	023	12/16/20	Sb-125	1.97E+00	3.25E+00	1.11E+01	U
WD	STJ	530591	023	12/16/20	BETA	3.99E-01	8.43E-01	2.66E+00	U
WD	STJ	530591	023	12/16/20	Ba-140	6.91E+00	5.38E+00	1.86E+01	U
WD	STJ	530591	023	12/16/20	Be-7	1.35E+01	9.35E+00	3.24E+01	U
WD	STJ	530591	023	12/16/20	Ce-141	-6.42E+00	2.78E+00	6.37E+00	U
WD	STJ	530591	023	12/16/20	Ce-144	2.55E+00	7.94E+00	2.61E+01	U
WD	STJ	530591	023	12/16/20	Cs-134	1.41E-01	1.23E+00	3.95E+00	U
WD	STJ	530591	023	12/16/20	Cs-137	1.82E-01	1.30E+00	4.25E+00	U
WD	STJ	530591	023	12/16/20	Cr-51	7.38E+00	1.14E+01	3.94E+01	U
WD	STJ	530591	023	12/16/20	Co-57	-3.27E-01	1.10E+00	3.53E+00	U
WD	STJ	530591	023	12/16/20	Co-58	-5.35E-01	1.03E+00	3.01E+00	U
WD	STJ	530591	023	12/16/20	Co-60	3.98E+00	1.44E+00	5.09E+00	U
WD	STJ	530591	023	12/16/20	I-131	3.53E+00	3.36E+00	5.64E+00	U
WD	STJ	530591	023	12/16/20	Fe-59	-3.31E+00	2.97E+00	6.93E+00	U
WD	STJ	530591	023	12/16/20	La-140	-1.36E+00	1.69E+00	4.54E+00	U
WD	STJ	530591	023	12/16/20	Mn-54	2.49E-01	1.03E+00	3.56E+00	U
WD	STJ	530591	023	12/16/20	Nb-95	3.11E-02	1.33E+00	3.77E+00	U
WD	STJ	530591	023	12/16/20	K-40	-6.01E+00	1.60E+01	4.91E+01	U
WD	STJ	530591	023	12/16/20	Ru-103	-1.13E+00	1.36E+00	3.59E+00	U
WD	STJ	530591	023	12/16/20	Ru-106	1.20E+01	1.04E+01	3.33E+01	U
WD	STJ	530591	023	12/16/20	Se-75	1.59E+00	1.48E+00	5.17E+00	U
WD	STJ	530591	023	12/16/20	Ag-108m	-1.21E+00	9.17E-01	2.57E+00	U
WD	STJ	530591	023	12/16/20	Ag-110m	5.58E-01	1.58E+00	5.48E+00	U
WD	STJ	530591	023	12/16/20	Th-228	2.40E+00	2.71E+00	8.40E+00	U
WD	STJ	530591	023	12/16/20	Zn-65	5.55E+00	2.80E+00	9.52E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	STJ	530591	023	12/16/20	Zr-95	-2.93E-01	1.90E+00	5.95E+00	U
WD	STJ	530591	024	12/16/20	I-131	4.49E-02	2.06E-01	6.75E-01	U
WD	LTW	530591	025	12/16/20	Ac-228	2.20E+00	5.37E+00	1.86E+01	U
WD	LTW	530591	025	12/16/20	Sb-124	-8.01E-01	2.11E+00	6.60E+00	U
WD	LTW	530591	025	12/16/20	Sb-125	3.70E+00	2.72E+00	9.17E+00	U
WD	LTW	530591	025	12/16/20	BETA	1.36E+00	9.39E-01	2.75E+00	U
WD	LTW	530591	025	12/16/20	Ba-140	4.49E-01	5.41E+00	1.73E+01	U
WD	LTW	530591	025	12/16/20	Be-7	6.54E+00	7.96E+00	2.67E+01	U
WD	LTW	530591	025	12/16/20	Ce-141	-1.83E+00	1.87E+00	5.94E+00	U
WD	LTW	530591	025	12/16/20	Ce-144	-2.97E+00	7.03E+00	2.34E+01	U
WD	LTW	530591	025	12/16/20	Cs-134	-6.24E-01	1.15E+00	3.61E+00	U
WD	LTW	530591	025	12/16/20	Cs-137	7.39E-01	1.07E+00	3.75E+00	U
WD	LTW	530591	025	12/16/20	Cr-51	-9.25E+00	1.24E+01	3.36E+01	U
WD	LTW	530591	025	12/16/20	Co-57	-6.25E-01	9.40E-01	3.09E+00	U
WD	LTW	530591	025	12/16/20	Co-58	6.56E-01	9.85E-01	3.43E+00	U
WD	LTW	530591	025	12/16/20	Co-60	-1.13E+00	1.06E+00	2.77E+00	U
WD	LTW	530591	025	12/16/20	I-131	-3.05E-01	1.55E+00	4.97E+00	U
WD	LTW	530591	025	12/16/20	Fe-59	2.47E+00	2.29E+00	8.00E+00	U
WD	LTW	530591	025	12/16/20	La-140	6.02E-01	1.36E+00	4.81E+00	U
WD	LTW	530591	025	12/16/20	Mn-54	-1.28E+00	1.35E+00	3.94E+00	U
WD	LTW	530591	025	12/16/20	Nb-95	-7.66E-02	1.19E+00	3.46E+00	U
WD	LTW	530591	025	12/16/20	K-40	9.94E+00	1.28E+01	3.56E+01	U
WD	LTW	530591	025	12/16/20	Ru-103	-1.53E+00	1.34E+00	3.22E+00	U
WD	LTW	530591	025	12/16/20	Ru-106	-5.21E+00	9.24E+00	2.97E+01	U
WD	LTW	530591	025	12/16/20	Se-75	1.23E+00	1.51E+00	5.10E+00	U
WD	LTW	530591	025	12/16/20	Ag-108m	7.17E-01	9.13E-01	3.05E+00	U
WD	LTW	530591	025	12/16/20	Ag-110m	8.57E-01	1.19E+00	4.19E+00	U
WD	LTW	530591	025	12/16/20	Th-228	-1.27E+00	2.31E+00	7.01E+00	U
WD	LTW	530591	025	12/16/20	Zn-65	-1.95E+00	2.84E+00	7.25E+00	U
WD	LTW	530591	025	12/16/20	Zr-95	-9.15E-01	1.88E+00	5.98E+00	U
WD	LTW	530591	026	12/16/20	I-131	2.70E-01	1.97E-01	6.28E-01	U
WD	STJ	531075	023	12/30/20	Ac-228	9.25E+00	8.34E+00	2.33E+01	U
WD	STJ	531075	023	12/30/20	Sb-124	2.12E+00	2.75E+00	9.11E+00	U
WD	STJ	531075	023	12/30/20	Sb-125	-8.53E-01	2.87E+00	9.57E+00	U
WD	STJ	531075	023	12/30/20	BETA	9.67E-01	1.06E+00	3.29E+00	U
WD	STJ	531075	023	12/30/20	Ba-140	2.45E+00	5.52E+00	1.89E+01	U
WD	STJ	531075	023	12/30/20	Be-7	2.13E+01	1.50E+01	3.37E+01	U
WD	STJ	531075	023	12/30/20	Ce-141	-3.90E+00	2.19E+00	6.18E+00	U
WD	STJ	531075	023	12/30/20	Ce-144	-1.37E+00	7.47E+00	2.47E+01	U
WD	STJ	531075	023	12/30/20	Cs-134	1.47E+00	1.41E+00	4.80E+00	U
WD	STJ	531075	023	12/30/20	Cs-137	-1.54E-02	1.27E+00	4.18E+00	U
WD	STJ	531075	023	12/30/20	Cr-51	7.11E+00	1.04E+01	3.34E+01	U
WD	STJ	531075	023	12/30/20	Co-57	-2.07E-01	1.01E+00	3.33E+00	U
WD	STJ	531075	023	12/30/20	Co-58	5.83E+00	1.79E+00	4.19E+00	UI
WD	STJ	531075	023	12/30/20	Co-60	-4.66E-01	1.96E+00	3.60E+00	U
WD	STJ	531075	023	12/30/20	I-131	3.00E+00	1.89E+00	6.04E+00	U
WD	STJ	531075	023	12/30/20	Fe-59	-2.81E-01	2.05E+00	6.84E+00	U
WD	STJ	531075	023	12/30/20	La-140	-2.45E+00	1.84E+00	4.48E+00	U
WD	STJ	531075	023	12/30/20	Mn-54	-2.33E-01	1.33E+00	4.23E+00	U
WD	STJ	531075	023	12/30/20	Nb-95	2.67E-01	1.17E+00	3.89E+00	U
WD	STJ	531075	023	12/30/20	K-40	1.66E+01	2.49E+01	3.92E+01	U
WD	STJ	531075	023	12/30/20	Ru-103	3.10E-01	1.27E+00	3.90E+00	U
WD	STJ	531075	023	12/30/20	Ru-106	-1.10E+01	1.07E+01	3.15E+01	U
WD	STJ	531075	023	12/30/20	Se-75	8.27E-01	1.46E+00	4.73E+00	U
WD	STJ	531075	023	12/30/20	Ag-108m	-3.42E-01	1.02E+00	3.39E+00	U
WD	STJ	531075	023	12/30/20	Ag-110m	-1.87E+00	1.67E+00	4.54E+00	U
WD	STJ	531075	023	12/30/20	Th-228	6.35E-01	3.33E+00	7.57E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WD	STJ	531075	023	12/30/20	Zn-65	1.08E+00	2.14E+00	7.60E+00	U
WD	STJ	531075	023	12/30/20	Zr-95	-6.57E-01	1.89E+00	5.92E+00	U
WD	STJ	531075	024	12/30/20	I-131	6.72E-01	2.20E-01	6.75E-01	U
WD	LTW	531075	025	12/30/20	Ac-228	1.91E+00	4.72E+00	1.16E+01	U
WD	LTW	531075	025	12/30/20	Sb-124	2.80E+00	2.10E+00	7.60E+00	U
WD	LTW	531075	025	12/30/20	Sb-125	-3.10E+00	2.45E+00	7.40E+00	U
WD	LTW	531075	025	12/30/20	BETA	2.30E-01	7.59E-01	2.43E+00	U
WD	LTW	531075	025	12/30/20	Ba-140	-9.36E+00	4.61E+00	9.79E+00	U
WD	LTW	531075	025	12/30/20	Be-7	-3.13E+00	6.70E+00	2.18E+01	U
WD	LTW	531075	025	12/30/20	Ce-141	-2.11E+00	1.76E+00	4.81E+00	U
WD	LTW	531075	025	12/30/20	Ce-144	-3.35E+00	5.99E+00	1.90E+01	U
WD	LTW	531075	025	12/30/20	Cs-134	2.36E+00	1.11E+00	3.68E+00	U
WD	LTW	531075	025	12/30/20	Cs-137	-2.36E-01	8.60E-01	2.77E+00	U
WD	LTW	531075	025	12/30/20	Cr-51	-8.61E-01	8.76E+00	2.71E+01	U
WD	LTW	531075	025	12/30/20	Co-57	-5.53E-01	8.14E-01	2.57E+00	U
WD	LTW	531075	025	12/30/20	Co-58	9.52E-01	9.09E-01	2.56E+00	U
WD	LTW	531075	025	12/30/20	Co-60	4.78E-01	8.89E-01	3.11E+00	U
WD	LTW	531075	025	12/30/20	I-131	-1.35E+00	1.44E+00	4.06E+00	U
WD	LTW	531075	025	12/30/20	Fe-59	3.71E-01	1.90E+00	6.11E+00	U
WD	LTW	531075	025	12/30/20	La-140	1.52E-01	1.34E+00	4.49E+00	U
WD	LTW	531075	025	12/30/20	Mn-54	1.11E-01	6.94E-01	2.28E+00	U
WD	LTW	531075	025	12/30/20	Nb-95	-3.66E-01	8.18E-01	2.56E+00	U
WD	LTW	531075	025	12/30/20	K-40	9.05E+01	1.36E+01	2.32E+01	
WD	LTW	531075	025	12/30/20	Ru-103	-5.19E-01	8.53E-01	2.74E+00	U
WD	LTW	531075	025	12/30/20	Ru-106	9.97E-01	7.46E+00	2.49E+01	U
WD	LTW	531075	025	12/30/20	Se-75	1.37E+00	1.29E+00	4.13E+00	U
WD	LTW	531075	025	12/30/20	Ag-108m	-3.67E-01	7.86E-01	2.58E+00	U
WD	LTW	531075	025	12/30/20	Ag-110m	7.55E-01	1.26E+00	4.22E+00	U
WD	LTW	531075	025	12/30/20	Th-228	6.06E+00	3.40E+00	5.40E+00	UI
WD	LTW	531075	025	12/30/20	Zn-65	-1.72E+00	1.81E+00	5.01E+00	U
WD	LTW	531075	025	12/30/20	Zr-95	1.03E+00	1.41E+00	4.82E+00	U
WD	LTW	531075	026	12/30/20	I-131	-9.59E-02	2.47E-01	8.22E-01	U
WD	STJ	533254	001	12/30/20	H-3	-7.73E+02	4.14E+02	1.48E+03	U
WD	LTW	533254	002	12/30/20	H-3	-5.09E+02	4.29E+02	1.49E+03	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-4	501570	001	1/14/20	Ac-228	-2.66E+00	2.84E+00	6.20E+00	U
WG	W-4	501570	001	1/14/20	Sb-124	-3.68E-01	9.14E-01	2.97E+00	U
WG	W-4	501570	001	1/14/20	Sb-125	1.98E+00	1.25E+00	4.10E+00	U
WG	W-4	501570	001	1/14/20	Ba-140	3.23E-01	2.22E+00	6.70E+00	U
WG	W-4	501570	001	1/14/20	Be-7	1.24E+01	4.98E+00	1.12E+01	
WG	W-4	501570	001	1/14/20	Ce-141	7.35E-01	8.91E-01	2.63E+00	U
WG	W-4	501570	001	1/14/20	Ce-144	-2.52E+00	3.29E+00	1.03E+01	U
WG	W-4	501570	001	1/14/20	Cs-134	1.07E-01	4.49E-01	1.48E+00	U
WG	W-4	501570	001	1/14/20	Cs-137	-3.92E-02	4.74E-01	1.40E+00	U
WG	W-4	501570	001	1/14/20	Cr-51	-6.31E+00	4.22E+00	1.31E+01	U
WG	W-4	501570	001	1/14/20	Co-57	1.24E-04	4.19E-01	1.35E+00	U
WG	W-4	501570	001	1/14/20	Co-58	2.51E-01	4.18E-01	1.38E+00	U
WG	W-4	501570	001	1/14/20	Co-60	-1.58E+00	8.58E-01	1.49E+00	U
WG	W-4	501570	001	1/14/20	I-131	-5.61E-03	7.31E-01	2.49E+00	U
WG	W-4	501570	001	1/14/20	Fe-59	4.95E-01	8.06E-01	2.63E+00	U
WG	W-4	501570	001	1/14/20	La-140	-3.18E-01	6.30E-01	2.04E+00	U
WG	W-4	501570	001	1/14/20	Mn-54	5.65E-01	3.90E-01	1.27E+00	U
WG	W-4	501570	001	1/14/20	Nb-95	-1.90E-01	4.94E-01	1.41E+00	U
WG	W-4	501570	001	1/14/20	K-40	2.91E-01	1.12E+01	1.45E+01	U
WG	W-4	501570	001	1/14/20	Ru-103	-3.97E-01	4.66E-01	1.33E+00	U
WG	W-4	501570	001	1/14/20	Ru-106	-1.62E+00	5.70E+00	1.21E+01	U
WG	W-4	501570	001	1/14/20	Se-75	3.75E-02	6.13E-01	1.92E+00	U
WG	W-4	501570	001	1/14/20	Ag-108m	-5.78E-02	3.61E-01	1.21E+00	U
WG	W-4	501570	001	1/14/20	Ag-110m	3.68E-01	5.78E-01	1.90E+00	U
WG	W-4	501570	001	1/14/20	Th-228	-5.04E-01	1.41E+00	3.10E+00	U
WG	W-4	501570	001	1/14/20	H-3	7.31E+02	3.32E+02	9.76E+02	U
WG	W-4	501570	001	1/14/20	Zn-65	-1.33E+00	1.11E+00	2.77E+00	U
WG	W-4	501570	001	1/14/20	Zr-95	4.20E-01	7.23E-01	2.40E+00	U
WG	W-5	501570	002	1/14/20	Ac-228	1.21E+00	4.65E+00	8.84E+00	U
WG	W-5	501570	002	1/14/20	Sb-124	2.89E-01	1.32E+00	4.47E+00	U
WG	W-5	501570	002	1/14/20	Sb-125	-1.02E+00	1.43E+00	4.48E+00	U
WG	W-5	501570	002	1/14/20	Ba-140	-3.61E+00	4.46E+00	8.57E+00	U
WG	W-5	501570	002	1/14/20	Be-7	7.23E+00	5.04E+00	1.61E+01	U
WG	W-5	501570	002	1/14/20	Ce-141	-4.22E+00	1.61E+00	2.72E+00	U
WG	W-5	501570	002	1/14/20	Ce-144	-1.09E-01	3.18E+00	9.90E+00	U
WG	W-5	501570	002	1/14/20	Cs-134	3.08E-01	6.77E-01	2.04E+00	U
WG	W-5	501570	002	1/14/20	Cs-137	9.92E-01	6.97E-01	2.11E+00	U
WG	W-5	501570	002	1/14/20	Cr-51	1.00E+00	4.60E+00	1.53E+01	U
WG	W-5	501570	002	1/14/20	Co-57	1.75E-01	3.92E-01	1.23E+00	U
WG	W-5	501570	002	1/14/20	Co-58	6.19E-01	5.85E-01	1.98E+00	U
WG	W-5	501570	002	1/14/20	Co-60	1.50E+00	7.35E-01	2.34E+00	U
WG	W-5	501570	002	1/14/20	I-131	-4.02E-01	9.35E-01	2.87E+00	U
WG	W-5	501570	002	1/14/20	Fe-59	-1.14E+00	1.30E+00	3.98E+00	U
WG	W-5	501570	002	1/14/20	La-140	-1.15E+00	1.01E+00	3.06E+00	U
WG	W-5	501570	002	1/14/20	Mn-54	-3.37E-01	5.82E-01	1.88E+00	U
WG	W-5	501570	002	1/14/20	Nb-95	-2.37E+00	1.05E+00	1.85E+00	U
WG	W-5	501570	002	1/14/20	K-40	3.71E-01	1.59E+01	1.95E+01	U
WG	W-5	501570	002	1/14/20	Ru-103	-6.40E-01	6.53E-01	1.73E+00	U
WG	W-5	501570	002	1/14/20	Ru-106	-2.77E-01	4.65E+00	1.58E+01	U
WG	W-5	501570	002	1/14/20	Se-75	-6.41E-01	6.42E-01	2.03E+00	U
WG	W-5	501570	002	1/14/20	Ag-108m	2.75E-03	4.56E-01	1.48E+00	U
WG	W-5	501570	002	1/14/20	Ag-110m	-5.97E-01	7.49E-01	2.35E+00	U
WG	W-5	501570	002	1/14/20	Th-228	-2.63E-01	1.46E+00	3.56E+00	U
WG	W-5	501570	002	1/14/20	H-3	8.65E+02	3.44E+02	9.90E+02	U
WG	W-5	501570	002	1/14/20	Zn-65	1.76E-01	1.39E+00	4.00E+00	U
WG	W-5	501570	002	1/14/20	Zr-95	-4.24E-01	1.03E+00	3.39E+00	U
WG	W-6	501570	003	1/14/20	Ac-228	-1.17E+00	2.64E+00	6.12E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-6	501570	003	1/14/20	Sb-124	7.38E-01	9.66E-01	3.28E+00	U
WG	W-6	501570	003	1/14/20	Sb-125	-1.01E+00	1.11E+00	3.59E+00	U
WG	W-6	501570	003	1/14/20	Ba-140	2.58E+00	2.05E+00	6.81E+00	U
WG	W-6	501570	003	1/14/20	Be-7	4.80E+00	3.70E+00	1.23E+01	U
WG	W-6	501570	003	1/14/20	Ce-141	-9.99E-01	7.53E-01	2.25E+00	U
WG	W-6	501570	003	1/14/20	Ce-144	2.91E+00	2.84E+00	9.12E+00	U
WG	W-6	501570	003	1/14/20	Cs-134	3.45E-01	4.03E-01	1.33E+00	U
WG	W-6	501570	003	1/14/20	Cs-137	5.08E-01	4.89E-01	1.47E+00	U
WG	W-6	501570	003	1/14/20	Cr-51	5.75E+00	3.73E+00	1.24E+01	U
WG	W-6	501570	003	1/14/20	Co-57	1.20E+00	4.55E-01	1.24E+00	U
WG	W-6	501570	003	1/14/20	Co-58	-4.58E-01	3.56E-01	1.02E+00	U
WG	W-6	501570	003	1/14/20	Co-60	7.67E-01	4.44E-01	1.49E+00	U
WG	W-6	501570	003	1/14/20	I-131	1.32E+00	7.56E-01	2.26E+00	U
WG	W-6	501570	003	1/14/20	Fe-59	1.85E+00	9.03E-01	2.81E+00	U
WG	W-6	501570	003	1/14/20	La-140	-7.54E-01	6.59E-01	1.96E+00	U
WG	W-6	501570	003	1/14/20	Mn-54	9.15E-01	3.88E-01	1.37E+00	U
WG	W-6	501570	003	1/14/20	Nb-95	3.27E-01	4.54E-01	1.35E+00	U
WG	W-6	501570	003	1/14/20	K-40	9.22E+00	1.20E+01	1.25E+01	U
WG	W-6	501570	003	1/14/20	Ru-103	-8.43E-01	4.62E-01	1.31E+00	U
WG	W-6	501570	003	1/14/20	Ru-106	6.45E+00	3.85E+00	1.24E+01	U
WG	W-6	501570	003	1/14/20	Se-75	9.80E-01	6.22E-01	1.89E+00	U
WG	W-6	501570	003	1/14/20	Ag-108m	-3.88E-01	3.60E-01	1.14E+00	U
WG	W-6	501570	003	1/14/20	Ag-110m	-7.19E-01	5.57E-01	1.60E+00	U
WG	W-6	501570	003	1/14/20	Th-228	3.07E+00	1.64E+00	2.30E+00	UI
WG	W-6	501570	003	1/14/20	H-3	5.36E+02	3.19E+02	9.68E+02	U
WG	W-6	501570	003	1/14/20	Zn-65	8.00E-01	8.88E-01	2.61E+00	U
WG	W-6	501570	003	1/14/20	Zr-95	1.34E+00	8.42E-01	2.55E+00	U
WG	W-7	501570	004	1/16/20	Ac-228	4.79E+00	1.14E+01	2.53E+01	U
WG	W-7	501570	004	1/16/20	Sb-124	-5.49E-02	2.05E+00	6.67E+00	U
WG	W-7	501570	004	1/16/20	Sb-125	-6.03E-01	3.56E+00	1.18E+01	U
WG	W-7	501570	004	1/16/20	Ba-140	-4.62E+00	6.41E+00	1.97E+01	U
WG	W-7	501570	004	1/16/20	Be-7	-1.64E+00	1.08E+01	3.56E+01	U
WG	W-7	501570	004	1/16/20	Ce-141	-9.13E+00	3.74E+00	8.06E+00	U
WG	W-7	501570	004	1/16/20	Ce-144	1.18E-01	1.05E+01	3.35E+01	U
WG	W-7	501570	004	1/16/20	Cs-134	5.79E-01	1.32E+00	4.44E+00	U
WG	W-7	501570	004	1/16/20	Cs-137	4.33E+00	2.14E+00	4.61E+00	U
WG	W-7	501570	004	1/16/20	Cr-51	3.23E+00	1.30E+01	4.46E+01	U
WG	W-7	501570	004	1/16/20	Co-57	1.28E+00	1.43E+00	4.68E+00	U
WG	W-7	501570	004	1/16/20	Co-58	1.98E-01	1.42E+00	4.61E+00	U
WG	W-7	501570	004	1/16/20	Co-60	6.44E-01	1.18E+00	4.24E+00	U
WG	W-7	501570	004	1/16/20	I-131	-4.99E-02	2.00E+00	6.74E+00	U
WG	W-7	501570	004	1/16/20	Fe-59	2.66E+00	2.61E+00	9.51E+00	U
WG	W-7	501570	004	1/16/20	La-140	6.14E-01	2.38E+00	8.06E+00	U
WG	W-7	501570	004	1/16/20	Mn-54	2.51E+00	1.51E+00	5.21E+00	U
WG	W-7	501570	004	1/16/20	Nb-95	-2.06E+00	1.66E+00	4.51E+00	U
WG	W-7	501570	004	1/16/20	K-40	-1.81E+01	1.95E+01	7.02E+01	U
WG	W-7	501570	004	1/16/20	Ru-103	-4.43E-01	1.16E+00	3.71E+00	U
WG	W-7	501570	004	1/16/20	Ru-106	-2.89E+00	1.09E+01	3.47E+01	U
WG	W-7	501570	004	1/16/20	Se-75	1.65E+00	1.83E+00	6.38E+00	U
WG	W-7	501570	004	1/16/20	Ag-108m	7.66E-01	1.17E+00	4.05E+00	U
WG	W-7	501570	004	1/16/20	Ag-110m	-1.87E+00	1.80E+00	4.80E+00	U
WG	W-7	501570	004	1/16/20	Th-228	6.45E+00	4.52E+00	1.12E+01	U
WG	W-7	501570	004	1/16/20	H-3	4.15E+02	3.12E+02	9.64E+02	U
WG	W-7	501570	004	1/16/20	Zn-65	2.14E+00	2.53E+00	8.55E+00	U
WG	W-7	501570	004	1/16/20	Zr-95	3.11E+00	2.20E+00	7.80E+00	U
WG	W-10	501570	005	1/16/20	Ac-228	-5.75E+00	5.85E+00	1.67E+01	U
WG	W-10	501570	005	1/16/20	Sb-124	2.96E+00	2.26E+00	8.59E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-10	501570	005	1/16/20	Sb-125	4.56E+00	2.75E+00	9.67E+00	U
WG	W-10	501570	005	1/16/20	Ba-140	1.57E+00	4.38E+00	1.51E+01	U
WG	W-10	501570	005	1/16/20	Be-7	-7.86E+00	9.30E+00	2.91E+01	U
WG	W-10	501570	005	1/16/20	Ce-141	-2.84E+00	1.97E+00	5.75E+00	U
WG	W-10	501570	005	1/16/20	Ce-144	-2.59E+00	7.17E+00	2.16E+01	U
WG	W-10	501570	005	1/16/20	Cs-134	9.20E-01	1.15E+00	3.98E+00	U
WG	W-10	501570	005	1/16/20	Cs-137	-3.76E+00	1.68E+00	3.96E+00	U
WG	W-10	501570	005	1/16/20	Cr-51	2.02E+01	1.83E+01	2.37E+01	U
WG	W-10	501570	005	1/16/20	Co-57	2.41E-01	8.60E-01	2.91E+00	U
WG	W-10	501570	005	1/16/20	Co-58	-6.77E-01	9.86E-01	2.91E+00	U
WG	W-10	501570	005	1/16/20	Co-60	3.04E+00	1.16E+00	4.55E+00	U
WG	W-10	501570	005	1/16/20	I-131	-1.58E-01	1.67E+00	5.15E+00	U
WG	W-10	501570	005	1/16/20	Fe-59	4.66E-01	1.69E+00	5.92E+00	U
WG	W-10	501570	005	1/16/20	La-140	2.78E+00	1.59E+00	6.04E+00	U
WG	W-10	501570	005	1/16/20	Mn-54	-6.16E-01	1.14E+00	3.48E+00	U
WG	W-10	501570	005	1/16/20	Nb-95	1.97E+00	1.22E+00	4.22E+00	U
WG	W-10	501570	005	1/16/20	K-40	-1.80E+01	1.55E+01	4.75E+01	U
WG	W-10	501570	005	1/16/20	Ru-103	-1.28E+00	1.21E+00	3.17E+00	U
WG	W-10	501570	005	1/16/20	Ru-106	1.10E+01	1.01E+01	3.52E+01	U
WG	W-10	501570	005	1/16/20	Se-75	2.98E+00	1.61E+00	5.19E+00	U
WG	W-10	501570	005	1/16/20	Ag-108m	1.16E+00	8.74E-01	3.10E+00	U
WG	W-10	501570	005	1/16/20	Ag-110m	2.83E-01	1.23E+00	3.69E+00	U
WG	W-10	501570	005	1/16/20	Th-228	3.00E+00	4.11E+00	6.03E+00	U
WG	W-10	501570	005	1/16/20	H-3	-1.24E+02	2.86E+02	9.58E+02	U
WG	W-10	501570	005	1/16/20	Zn-65	3.36E+00	2.58E+00	8.69E+00	U
WG	W-10	501570	005	1/16/20	Zr-95	-4.69E-01	1.49E+00	4.67E+00	U
WG	W-11	501570	006	1/16/20	Ac-228	-5.15E+00	6.00E+00	1.77E+01	U
WG	W-11	501570	006	1/16/20	Sb-124	-1.97E+00	3.04E+00	8.76E+00	U
WG	W-11	501570	006	1/16/20	Sb-125	-2.62E-01	3.38E+00	1.09E+01	U
WG	W-11	501570	006	1/16/20	Ba-140	5.32E-01	5.35E+00	1.73E+01	U
WG	W-11	501570	006	1/16/20	Be-7	-4.54E+00	1.13E+01	3.52E+01	U
WG	W-11	501570	006	1/16/20	Ce-141	1.23E+00	2.37E+00	7.31E+00	U
WG	W-11	501570	006	1/16/20	Ce-144	-9.15E+00	8.86E+00	2.78E+01	U
WG	W-11	501570	006	1/16/20	Cs-134	-7.92E-01	1.33E+00	4.23E+00	U
WG	W-11	501570	006	1/16/20	Cs-137	9.28E-01	1.38E+00	4.60E+00	U
WG	W-11	501570	006	1/16/20	Cr-51	-1.13E+01	1.21E+01	3.68E+01	U
WG	W-11	501570	006	1/16/20	Co-57	-5.98E-02	1.17E+00	3.94E+00	U
WG	W-11	501570	006	1/16/20	Co-58	-7.36E-01	1.22E+00	3.86E+00	U
WG	W-11	501570	006	1/16/20	Co-60	-3.31E-01	1.40E+00	4.46E+00	U
WG	W-11	501570	006	1/16/20	I-131	-1.97E+00	1.79E+00	5.17E+00	U
WG	W-11	501570	006	1/16/20	Fe-59	-2.96E+00	2.76E+00	6.36E+00	U
WG	W-11	501570	006	1/16/20	La-140	-8.85E-01	1.83E+00	5.50E+00	U
WG	W-11	501570	006	1/16/20	Mn-54	-2.40E-01	1.12E+00	3.71E+00	U
WG	W-11	501570	006	1/16/20	Nb-95	2.50E-01	1.32E+00	4.02E+00	U
WG	W-11	501570	006	1/16/20	K-40	4.14E+01	1.44E+01	3.30E+01	UI
WG	W-11	501570	006	1/16/20	Ru-103	1.22E+00	1.10E+00	3.77E+00	U
WG	W-11	501570	006	1/16/20	Ru-106	-9.89E+00	1.21E+01	3.51E+01	U
WG	W-11	501570	006	1/16/20	Se-75	-1.83E+00	1.76E+00	5.34E+00	U
WG	W-11	501570	006	1/16/20	Ag-108m	1.18E+00	1.26E+00	4.21E+00	U
WG	W-11	501570	006	1/16/20	Ag-110m	-6.09E-01	1.61E+00	5.20E+00	U
WG	W-11	501570	006	1/16/20	Th-228	-2.84E+00	2.94E+00	9.08E+00	U
WG	W-11	501570	006	1/16/20	H-3	2.06E+02	3.03E+02	9.67E+02	U
WG	W-11	501570	006	1/16/20	Zn-65	-7.99E+00	3.29E+00	5.79E+00	U
WG	W-11	501570	006	1/16/20	Zr-95	-9.62E-01	2.06E+00	6.08E+00	U
WG	W-12	501570	007	1/16/20	Ac-228	-7.41E+00	5.15E+00	1.46E+01	U
WG	W-12	501570	007	1/16/20	Sb-124	-5.11E+00	3.19E+00	6.88E+00	U
WG	W-12	501570	007	1/16/20	Sb-125	2.67E+00	3.00E+00	1.05E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-12	501570	007	1/16/20	Ba-140	3.53E+00	4.82E+00	1.69E+01	U
WG	W-12	501570	007	1/16/20	Be-7	1.01E+01	8.99E+00	3.17E+01	U
WG	W-12	501570	007	1/16/20	Ce-141	-5.07E+00	2.38E+00	5.62E+00	U
WG	W-12	501570	007	1/16/20	Ce-144	3.60E+00	8.23E+00	2.73E+01	U
WG	W-12	501570	007	1/16/20	Cs-134	-1.63E+00	1.10E+00	2.59E+00	U
WG	W-12	501570	007	1/16/20	Cs-137	-3.42E-01	1.26E+00	4.04E+00	U
WG	W-12	501570	007	1/16/20	Cr-51	2.08E+01	1.10E+01	3.55E+01	U
WG	W-12	501570	007	1/16/20	Co-57	2.12E-01	1.01E+00	3.35E+00	U
WG	W-12	501570	007	1/16/20	Co-58	1.04E+00	9.84E-01	3.50E+00	U
WG	W-12	501570	007	1/16/20	Co-60	-1.76E+00	1.39E+00	3.05E+00	U
WG	W-12	501570	007	1/16/20	I-131	-1.83E-01	1.61E+00	5.48E+00	U
WG	W-12	501570	007	1/16/20	Fe-59	-2.57E+00	2.47E+00	6.44E+00	U
WG	W-12	501570	007	1/16/20	La-140	1.96E+00	2.06E+00	7.42E+00	U
WG	W-12	501570	007	1/16/20	Mn-54	1.48E-01	1.11E+00	3.65E+00	U
WG	W-12	501570	007	1/16/20	Nb-95	6.84E-01	1.04E+00	3.58E+00	U
WG	W-12	501570	007	1/16/20	K-40	-2.12E+01	1.89E+01	6.11E+01	U
WG	W-12	501570	007	1/16/20	Ru-103	-1.51E+00	1.07E+00	2.95E+00	U
WG	W-12	501570	007	1/16/20	Ru-106	8.10E+00	8.87E+00	3.12E+01	U
WG	W-12	501570	007	1/16/20	Se-75	-1.25E+00	1.62E+00	4.76E+00	U
WG	W-12	501570	007	1/16/20	Ag-108m	-1.50E+00	1.04E+00	2.97E+00	U
WG	W-12	501570	007	1/16/20	Ag-110m	5.31E+00	2.44E+00	6.20E+00	U
WG	W-12	501570	007	1/16/20	Th-228	4.35E+00	3.45E+00	8.36E+00	U
WG	W-12	501570	007	1/16/20	H-3	2.93E+02	3.18E+02	1.00E+03	U
WG	W-12	501570	007	1/16/20	Zn-65	-7.77E-01	2.76E+00	8.41E+00	U
WG	W-12	501570	007	1/16/20	Zr-95	1.68E+00	1.67E+00	5.95E+00	U
WG	W-13	501570	008	1/16/20	Ac-228	-8.14E+00	5.67E+00	1.57E+01	U
WG	W-13	501570	008	1/16/20	Sb-124	3.29E+00	2.88E+00	1.07E+01	U
WG	W-13	501570	008	1/16/20	Sb-125	2.58E+00	3.09E+00	1.06E+01	U
WG	W-13	501570	008	1/16/20	Ba-140	4.78E+00	5.22E+00	1.78E+01	U
WG	W-13	501570	008	1/16/20	Be-7	2.54E+00	9.54E+00	3.19E+01	U
WG	W-13	501570	008	1/16/20	Ce-141	1.03E-01	2.10E+00	6.20E+00	U
WG	W-13	501570	008	1/16/20	Ce-144	4.99E+00	7.67E+00	2.51E+01	U
WG	W-13	501570	008	1/16/20	Cs-134	1.33E+00	1.09E+00	3.95E+00	U
WG	W-13	501570	008	1/16/20	Cs-137	9.07E-01	1.30E+00	4.36E+00	U
WG	W-13	501570	008	1/16/20	Cr-51	1.31E+01	1.30E+01	3.28E+01	U
WG	W-13	501570	008	1/16/20	Co-57	-5.35E-01	1.08E+00	3.40E+00	U
WG	W-13	501570	008	1/16/20	Co-58	1.44E+00	1.07E+00	3.86E+00	U
WG	W-13	501570	008	1/16/20	Co-60	-3.56E-01	9.10E-01	2.75E+00	U
WG	W-13	501570	008	1/16/20	I-131	-4.17E-01	1.68E+00	5.52E+00	U
WG	W-13	501570	008	1/16/20	Fe-59	1.45E-01	1.92E+00	6.42E+00	U
WG	W-13	501570	008	1/16/20	La-140	-4.13E+00	3.09E+00	6.40E+00	U
WG	W-13	501570	008	1/16/20	Mn-54	-1.74E+00	1.20E+00	3.30E+00	U
WG	W-13	501570	008	1/16/20	Nb-95	8.14E-01	1.05E+00	3.54E+00	U
WG	W-13	501570	008	1/16/20	K-40	2.57E+01	2.50E+01	3.78E+01	U
WG	W-13	501570	008	1/16/20	Ru-103	-1.16E+00	1.27E+00	3.82E+00	U
WG	W-13	501570	008	1/16/20	Ru-106	1.02E+01	1.01E+01	3.45E+01	U
WG	W-13	501570	008	1/16/20	Se-75	3.78E-01	1.76E+00	5.47E+00	U
WG	W-13	501570	008	1/16/20	Ag-108m	-6.35E-01	1.03E+00	3.22E+00	U
WG	W-13	501570	008	1/16/20	Ag-110m	-3.53E+00	1.77E+00	4.12E+00	U
WG	W-13	501570	008	1/16/20	Th-228	6.69E+00	3.66E+00	9.18E+00	U
WG	W-13	501570	008	1/16/20	Zn-65	-6.23E-01	2.52E+00	8.11E+00	U
WG	W-13	501570	008	1/16/20	Zr-95	5.31E+00	2.47E+00	8.26E+00	U
WG	W-14	501570	009	1/16/20	Ac-228	6.26E+00	5.58E+00	1.70E+01	U
WG	W-14	501570	009	1/16/20	Sb-124	-1.55E+00	2.55E+00	7.42E+00	U
WG	W-14	501570	009	1/16/20	Sb-125	1.11E+00	2.89E+00	9.91E+00	U
WG	W-14	501570	009	1/16/20	Ba-140	5.50E+00	5.16E+00	1.65E+01	U
WG	W-14	501570	009	1/16/20	Be-7	2.94E+00	7.42E+00	2.54E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-14	501570	009	1/16/20	Ce-141	1.44E+00	1.69E+00	5.25E+00	U
WG	W-14	501570	009	1/16/20	Ce-144	1.90E+00	7.13E+00	2.35E+01	U
WG	W-14	501570	009	1/16/20	Cs-134	1.42E+00	1.15E+00	3.99E+00	U
WG	W-14	501570	009	1/16/20	Cs-137	5.01E-01	1.08E+00	3.31E+00	U
WG	W-14	501570	009	1/16/20	Cr-51	-2.21E+00	8.60E+00	2.90E+01	U
WG	W-14	501570	009	1/16/20	Co-57	4.03E-01	9.54E-01	3.16E+00	U
WG	W-14	501570	009	1/16/20	Co-58	-5.09E-01	1.10E+00	2.90E+00	U
WG	W-14	501570	009	1/16/20	Co-60	6.39E-01	1.09E+00	3.82E+00	U
WG	W-14	501570	009	1/16/20	I-131	-2.05E+00	1.63E+00	4.86E+00	U
WG	W-14	501570	009	1/16/20	Fe-59	-6.25E-01	2.14E+00	6.98E+00	U
WG	W-14	501570	009	1/16/20	La-140	-8.26E-02	1.36E+00	4.38E+00	U
WG	W-14	501570	009	1/16/20	Mn-54	2.05E+00	1.17E+00	4.00E+00	U
WG	W-14	501570	009	1/16/20	Nb-95	-1.88E+00	1.52E+00	3.53E+00	U
WG	W-14	501570	009	1/16/20	K-40	-2.31E+00	1.78E+01	5.72E+01	U
WG	W-14	501570	009	1/16/20	Ru-103	2.39E-01	8.84E-01	2.72E+00	U
WG	W-14	501570	009	1/16/20	Ru-106	8.94E+00	1.52E+01	2.46E+01	U
WG	W-14	501570	009	1/16/20	Se-75	-2.04E+00	1.52E+00	4.08E+00	U
WG	W-14	501570	009	1/16/20	Ag-108m	7.75E-01	8.18E-01	2.87E+00	U
WG	W-14	501570	009	1/16/20	Ag-110m	-5.86E-01	1.28E+00	3.82E+00	U
WG	W-14	501570	009	1/16/20	Th-228	2.11E+00	2.62E+00	6.38E+00	U
WG	W-14	501570	009	1/16/20	H-3	6.66E+02	3.31E+02	9.83E+02	U
WG	W-14	501570	009	1/16/20	Zn-65	-1.41E+00	1.86E+00	4.57E+00	U
WG	W-14	501570	009	1/16/20	Zr-95	8.51E-02	1.51E+00	4.90E+00	U
WG	W-15	501570	010	1/16/20	Ac-228	-5.37E+00	4.47E+00	1.33E+01	U
WG	W-15	501570	010	1/16/20	Sb-124	-2.45E+00	2.22E+00	5.89E+00	U
WG	W-15	501570	010	1/16/20	Sb-125	-4.26E-01	2.76E+00	9.24E+00	U
WG	W-15	501570	010	1/16/20	Ba-140	5.71E-01	3.95E+00	1.34E+01	U
WG	W-15	501570	010	1/16/20	Be-7	2.15E+01	1.04E+01	3.48E+01	U
WG	W-15	501570	010	1/16/20	Ce-141	-2.77E+00	2.10E+00	6.02E+00	U
WG	W-15	501570	010	1/16/20	Ce-144	-8.01E-01	7.55E+00	2.41E+01	U
WG	W-15	501570	010	1/16/20	Cs-134	-5.15E-01	9.85E-01	3.02E+00	U
WG	W-15	501570	010	1/16/20	Cs-137	1.80E+00	1.19E+00	4.10E+00	U
WG	W-15	501570	010	1/16/20	Cr-51	-4.95E+00	8.84E+00	2.92E+01	U
WG	W-15	501570	010	1/16/20	Co-57	1.06E+00	1.03E+00	3.37E+00	U
WG	W-15	501570	010	1/16/20	Co-58	-9.54E-01	1.02E+00	2.94E+00	U
WG	W-15	501570	010	1/16/20	Co-60	-2.42E+00	1.31E+00	3.08E+00	U
WG	W-15	501570	010	1/16/20	I-131	-1.27E+00	1.49E+00	4.74E+00	U
WG	W-15	501570	010	1/16/20	Fe-59	2.90E+00	2.96E+00	7.26E+00	U
WG	W-15	501570	010	1/16/20	La-140	-1.48E+00	1.41E+00	3.88E+00	U
WG	W-15	501570	010	1/16/20	Mn-54	-9.18E-01	1.00E+00	2.90E+00	U
WG	W-15	501570	010	1/16/20	Nb-95	1.17E+00	1.06E+00	3.68E+00	U
WG	W-15	501570	010	1/16/20	K-40	-2.96E+01	1.55E+01	4.47E+01	U
WG	W-15	501570	010	1/16/20	Ru-103	-4.53E-01	9.52E-01	3.07E+00	U
WG	W-15	501570	010	1/16/20	Ru-106	2.01E+01	1.13E+01	3.61E+01	U
WG	W-15	501570	010	1/16/20	Se-75	4.12E+00	1.72E+00	4.79E+00	U
WG	W-15	501570	010	1/16/20	Ag-108m	1.01E+00	1.02E+00	3.53E+00	U
WG	W-15	501570	010	1/16/20	Ag-110m	1.45E+00	1.42E+00	4.93E+00	U
WG	W-15	501570	010	1/16/20	Th-228	2.65E+00	3.78E+00	8.07E+00	U
WG	W-15	501570	010	1/16/20	H-3	-2.75E+01	2.96E+02	9.77E+02	U
WG	W-15	501570	010	1/16/20	Zn-65	-1.41E+00	2.60E+00	7.32E+00	U
WG	W-15	501570	010	1/16/20	Zr-95	8.32E-02	1.80E+00	5.94E+00	U
WG	MW-20	501570	011	1/16/20	Ac-228	6.20E+00	4.74E+00	1.63E+01	U
WG	MW-20	501570	011	1/16/20	Sb-124	2.03E+00	2.12E+00	7.84E+00	U
WG	MW-20	501570	011	1/16/20	Sb-125	1.75E+00	2.62E+00	9.15E+00	U
WG	MW-20	501570	011	1/16/20	Ba-140	-9.22E-01	4.11E+00	1.34E+01	U
WG	MW-20	501570	011	1/16/20	Be-7	-7.42E+00	8.67E+00	2.52E+01	U
WG	MW-20	501570	011	1/16/20	Ce-141	1.76E+00	1.83E+00	6.02E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	MW-20	501570	011	1/16/20	Ce-144	1.58E+01	7.50E+00	2.35E+01	U
WG	MW-20	501570	011	1/16/20	Cs-134	1.40E-01	1.04E+00	3.42E+00	U
WG	MW-20	501570	011	1/16/20	Cs-137	4.07E+00	2.18E+00	2.70E+00	UI
WG	MW-20	501570	011	1/16/20	Cr-51	-6.51E+00	8.44E+00	2.73E+01	U
WG	MW-20	501570	011	1/16/20	Co-57	-1.69E-01	8.27E-01	2.66E+00	U
WG	MW-20	501570	011	1/16/20	Co-58	-3.30E-01	9.07E-01	2.81E+00	U
WG	MW-20	501570	011	1/16/20	Co-60	-5.70E-01	7.82E-01	2.27E+00	U
WG	MW-20	501570	011	1/16/20	I-131	-4.88E-01	1.35E+00	4.50E+00	U
WG	MW-20	501570	011	1/16/20	Fe-59	-2.76E+00	2.34E+00	6.04E+00	U
WG	MW-20	501570	011	1/16/20	La-140	-4.10E-01	1.22E+00	3.81E+00	U
WG	MW-20	501570	011	1/16/20	Mn-54	2.30E-01	9.48E-01	3.14E+00	U
WG	MW-20	501570	011	1/16/20	Nb-95	-4.50E-01	1.04E+00	3.23E+00	U
WG	MW-20	501570	011	1/16/20	K-40	1.67E+01	1.50E+01	3.72E+01	U
WG	MW-20	501570	011	1/16/20	Ru-103	-3.94E-01	1.08E+00	3.51E+00	U
WG	MW-20	501570	011	1/16/20	Ru-106	-3.53E+00	8.71E+00	2.76E+01	U
WG	MW-20	501570	011	1/16/20	Se-75	3.75E-01	1.20E+00	3.84E+00	U
WG	MW-20	501570	011	1/16/20	Ag-108m	2.23E+00	7.62E-01	2.44E+00	U
WG	MW-20	501570	011	1/16/20	Ag-110m	-1.46E+00	1.37E+00	3.71E+00	U
WG	MW-20	501570	011	1/16/20	Th-228	4.98E+00	2.79E+00	5.23E+00	U
WG	MW-20	501570	011	1/16/20	H-3	2.43E+02	2.99E+02	9.48E+02	U
WG	MW-20	501570	011	1/16/20	Zn-65	2.60E-01	1.79E+00	5.20E+00	U
WG	MW-20	501570	011	1/16/20	Zr-95	-2.46E+00	1.75E+00	4.47E+00	U
WG	MW-21	501570	012	1/16/20	Ac-228	-1.62E+00	5.59E+00	1.74E+01	U
WG	MW-21	501570	012	1/16/20	Sb-124	2.40E+00	2.40E+00	8.86E+00	U
WG	MW-21	501570	012	1/16/20	Sb-125	-1.92E+00	2.53E+00	8.02E+00	U
WG	MW-21	501570	012	1/16/20	Ba-140	-4.06E+00	5.03E+00	1.55E+01	U
WG	MW-21	501570	012	1/16/20	Be-7	8.82E+00	8.28E+00	2.93E+01	U
WG	MW-21	501570	012	1/16/20	Ce-141	-3.04E+00	2.00E+00	5.76E+00	U
WG	MW-21	501570	012	1/16/20	Ce-144	1.11E+00	6.22E+00	2.09E+01	U
WG	MW-21	501570	012	1/16/20	Cs-134	1.47E+00	1.10E+00	3.89E+00	U
WG	MW-21	501570	012	1/16/20	Cs-137	-1.74E+00	1.42E+00	4.21E+00	U
WG	MW-21	501570	012	1/16/20	Cr-51	-3.65E+00	8.60E+00	2.60E+01	U
WG	MW-21	501570	012	1/16/20	Co-57	-2.20E-01	8.75E-01	2.89E+00	U
WG	MW-21	501570	012	1/16/20	Co-58	2.45E-01	1.13E+00	3.36E+00	U
WG	MW-21	501570	012	1/16/20	Co-60	8.04E-01	9.40E-01	3.45E+00	U
WG	MW-21	501570	012	1/16/20	I-131	-1.61E+00	1.53E+00	4.10E+00	U
WG	MW-21	501570	012	1/16/20	Fe-59	1.12E+00	2.11E+00	7.48E+00	U
WG	MW-21	501570	012	1/16/20	La-140	2.54E-01	1.55E+00	5.23E+00	U
WG	MW-21	501570	012	1/16/20	Mn-54	-2.85E-01	1.00E+00	3.15E+00	U
WG	MW-21	501570	012	1/16/20	Nb-95	4.48E+00	2.25E+00	2.96E+00	UI
WG	MW-21	501570	012	1/16/20	K-40	-4.50E+01	1.75E+01	3.30E+01	U
WG	MW-21	501570	012	1/16/20	Ru-103	-1.60E+00	1.06E+00	2.92E+00	U
WG	MW-21	501570	012	1/16/20	Ru-106	1.46E+00	8.70E+00	2.93E+01	U
WG	MW-21	501570	012	1/16/20	Se-75	-3.31E+00	1.63E+00	3.85E+00	U
WG	MW-21	501570	012	1/16/20	Ag-108m	-8.88E-01	8.31E-01	2.15E+00	U
WG	MW-21	501570	012	1/16/20	Ag-110m	8.64E-01	1.42E+00	4.82E+00	U
WG	MW-21	501570	012	1/16/20	Th-228	-2.08E+00	2.66E+00	7.57E+00	U
WG	MW-21	501570	012	1/16/20	H-3	-4.95E+01	3.01E+02	9.98E+02	U
WG	MW-21	501570	012	1/16/20	Zn-65	1.38E+00	1.85E+00	6.20E+00	U
WG	MW-21	501570	012	1/16/20	Zr-95	-9.98E-01	1.86E+00	5.70E+00	U
WG	W-1	502185	001	1/23/20	Ac-228	-1.11E+01	6.34E+00	1.41E+01	U
WG	W-1	502185	001	1/23/20	Sb-124	5.61E-01	2.57E+00	8.91E+00	U
WG	W-1	502185	001	1/23/20	Sb-125	-6.37E-01	3.45E+00	1.13E+01	U
WG	W-1	502185	001	1/23/20	Ba-140	2.31E+00	4.49E+00	1.52E+01	U
WG	W-1	502185	001	1/23/20	Be-7	7.88E+00	1.01E+01	3.43E+01	U
WG	W-1	502185	001	1/23/20	Ce-141	-2.89E+00	2.57E+00	7.27E+00	U
WG	W-1	502185	001	1/23/20	Ce-144	5.17E+00	7.94E+00	2.60E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-1	502185	001	1/23/20	Cs-134	-7.68E-02	1.17E+00	3.95E+00	U
WG	W-1	502185	001	1/23/20	Cs-137	-7.91E-01	1.20E+00	3.56E+00	U
WG	W-1	502185	001	1/23/20	Cr-51	1.91E+01	1.11E+01	3.77E+01	U
WG	W-1	502185	001	1/23/20	Co-57	1.17E-01	1.11E+00	3.60E+00	U
WG	W-1	502185	001	1/23/20	Co-58	-2.06E+00	1.15E+00	2.86E+00	U
WG	W-1	502185	001	1/23/20	Co-60	2.00E+00	1.09E+00	3.99E+00	U
WG	W-1	502185	001	1/23/20	I-131	-2.56E+00	1.65E+00	4.58E+00	U
WG	W-1	502185	001	1/23/20	Fe-59	-2.36E+00	2.24E+00	6.29E+00	U
WG	W-1	502185	001	1/23/20	La-140	-2.51E+00	1.91E+00	4.55E+00	U
WG	W-1	502185	001	1/23/20	Mn-54	1.93E+00	1.20E+00	4.27E+00	U
WG	W-1	502185	001	1/23/20	Nb-95	8.85E-02	1.38E+00	4.40E+00	U
WG	W-1	502185	001	1/23/20	K-40	-1.27E+01	1.97E+01	6.49E+01	U
WG	W-1	502185	001	1/23/20	Ru-103	1.86E+00	1.29E+00	4.39E+00	U
WG	W-1	502185	001	1/23/20	Ru-106	-2.26E+00	1.14E+01	3.62E+01	U
WG	W-1	502185	001	1/23/20	Se-75	-9.78E-01	1.68E+00	4.94E+00	U
WG	W-1	502185	001	1/23/20	Ag-108m	-1.22E+00	1.02E+00	2.93E+00	U
WG	W-1	502185	001	1/23/20	Ag-110m	-1.79E+00	1.59E+00	4.60E+00	U
WG	W-1	502185	001	1/23/20	Th-228	3.01E+00	2.88E+00	9.61E+00	U
WG	W-1	502185	001	1/23/20	H-3	1.00E+03	4.03E+02	1.08E+03	U
WG	W-1	502185	001	1/23/20	Zn-65	3.73E+00	1.93E+00	7.10E+00	U
WG	W-1	502185	001	1/23/20	Zr-95	-1.15E+00	2.00E+00	5.06E+00	U
WG	W-2	502185	002	1/23/20	Ac-228	-7.76E+00	5.90E+00	1.69E+01	U
WG	W-2	502185	002	1/23/20	Sb-124	7.52E-01	1.61E+00	5.65E+00	U
WG	W-2	502185	002	1/23/20	Sb-125	5.59E-01	3.32E+00	1.11E+01	U
WG	W-2	502185	002	1/23/20	Ba-140	8.79E-01	4.81E+00	1.58E+01	U
WG	W-2	502185	002	1/23/20	Be-7	-6.73E+00	1.15E+01	3.34E+01	U
WG	W-2	502185	002	1/23/20	Ce-141	-8.89E-01	1.92E+00	5.89E+00	U
WG	W-2	502185	002	1/23/20	Ce-144	2.53E+00	7.85E+00	2.52E+01	U
WG	W-2	502185	002	1/23/20	Cs-134	-1.79E+00	1.30E+00	3.35E+00	U
WG	W-2	502185	002	1/23/20	Cs-137	2.73E+00	1.35E+00	4.47E+00	U
WG	W-2	502185	002	1/23/20	Cr-51	1.59E+00	9.19E+00	3.11E+01	U
WG	W-2	502185	002	1/23/20	Co-57	1.31E+00	9.50E-01	3.05E+00	U
WG	W-2	502185	002	1/23/20	Co-58	2.61E-01	1.08E+00	3.73E+00	U
WG	W-2	502185	002	1/23/20	Co-60	1.57E-01	1.18E+00	3.91E+00	U
WG	W-2	502185	002	1/23/20	I-131	2.66E-01	1.53E+00	4.63E+00	U
WG	W-2	502185	002	1/23/20	Fe-59	1.96E+00	2.28E+00	7.30E+00	U
WG	W-2	502185	002	1/23/20	La-140	2.56E-01	1.75E+00	5.07E+00	U
WG	W-2	502185	002	1/23/20	Mn-54	1.60E-01	9.19E-01	3.16E+00	U
WG	W-2	502185	002	1/23/20	Nb-95	-2.82E+00	1.69E+00	3.89E+00	U
WG	W-2	502185	002	1/23/20	K-40	2.40E+01	2.35E+01	3.44E+01	U
WG	W-2	502185	002	1/23/20	Ru-103	-1.83E-01	1.06E+00	3.43E+00	U
WG	W-2	502185	002	1/23/20	Ru-106	-4.32E+00	9.77E+00	3.01E+01	U
WG	W-2	502185	002	1/23/20	Se-75	6.87E-01	1.42E+00	4.88E+00	U
WG	W-2	502185	002	1/23/20	Ag-108m	-1.48E+00	1.06E+00	3.00E+00	U
WG	W-2	502185	002	1/23/20	Ag-110m	2.35E-01	1.34E+00	4.59E+00	U
WG	W-2	502185	002	1/23/20	Th-228	-2.73E+00	2.46E+00	7.19E+00	U
WG	W-2	502185	002	1/23/20	H-3	3.20E+02	4.37E+02	1.38E+03	U
WG	W-2	502185	002	1/23/20	Zn-65	-3.71E+00	3.05E+00	7.14E+00	U
WG	W-2	502185	002	1/23/20	Zr-95	-1.43E+00	2.06E+00	6.01E+00	U
WG	W-3	502185	003	1/23/20	Ac-228	-2.43E+00	5.07E+00	1.50E+01	U
WG	W-3	502185	003	1/23/20	Sb-124	-2.37E+00	2.23E+00	5.97E+00	U
WG	W-3	502185	003	1/23/20	Sb-125	-2.68E+00	2.96E+00	9.26E+00	U
WG	W-3	502185	003	1/23/20	Ba-140	4.36E+00	4.45E+00	1.55E+01	U
WG	W-3	502185	003	1/23/20	Be-7	7.42E-01	8.71E+00	2.95E+01	U
WG	W-3	502185	003	1/23/20	Ce-141	-2.43E+00	2.23E+00	6.60E+00	U
WG	W-3	502185	003	1/23/20	Ce-144	2.70E+00	8.30E+00	2.69E+01	U
WG	W-3	502185	003	1/23/20	Cs-134	1.18E+00	1.13E+00	3.94E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-3	502185	003	1/23/20	Cs-137	6.50E-01	1.11E+00	3.80E+00	U
WG	W-3	502185	003	1/23/20	Cr-51	2.12E+01	1.12E+01	3.74E+01	U
WG	W-3	502185	003	1/23/20	Co-57	3.87E-01	1.01E+00	3.28E+00	U
WG	W-3	502185	003	1/23/20	Co-58	2.32E-01	8.51E-01	2.85E+00	U
WG	W-3	502185	003	1/23/20	Co-60	-3.64E-01	1.18E+00	3.87E+00	U
WG	W-3	502185	003	1/23/20	I-131	1.02E+00	1.70E+00	5.53E+00	U
WG	W-3	502185	003	1/23/20	Fe-59	-2.83E+00	2.31E+00	6.07E+00	U
WG	W-3	502185	003	1/23/20	La-140	1.13E+00	1.71E+00	6.05E+00	U
WG	W-3	502185	003	1/23/20	Mn-54	-2.20E-02	9.93E-01	3.23E+00	U
WG	W-3	502185	003	1/23/20	Nb-95	2.29E-01	9.80E-01	2.95E+00	U
WG	W-3	502185	003	1/23/20	K-40	4.89E+00	1.51E+01	5.59E+01	U
WG	W-3	502185	003	1/23/20	Ru-103	-2.92E-03	1.13E+00	3.81E+00	U
WG	W-3	502185	003	1/23/20	Ru-106	2.37E+00	8.78E+00	2.97E+01	U
WG	W-3	502185	003	1/23/20	Se-75	-3.31E-01	1.45E+00	4.44E+00	U
WG	W-3	502185	003	1/23/20	Ag-108m	-7.66E-01	9.72E-01	3.08E+00	U
WG	W-3	502185	003	1/23/20	Ag-110m	-3.74E-01	1.37E+00	4.32E+00	U
WG	W-3	502185	003	1/23/20	Th-228	1.93E+00	3.53E+00	7.58E+00	U
WG	W-3	502185	003	1/23/20	H-3	-3.77E+02	3.99E+02	1.38E+03	U
WG	W-3	502185	003	1/23/20	Zn-65	-2.44E+00	2.07E+00	5.33E+00	U
WG	W-3	502185	003	1/23/20	Zr-95	-3.30E-01	1.52E+00	4.87E+00	U
WG	W-8	502185	004	1/23/20	Ac-228	1.12E+01	8.25E+00	1.24E+01	U
WG	W-8	502185	004	1/23/20	Sb-124	4.15E+00	2.39E+00	9.11E+00	U
WG	W-8	502185	004	1/23/20	Sb-125	1.54E+00	2.55E+00	8.89E+00	U
WG	W-8	502185	004	1/23/20	Ba-140	4.26E+00	4.62E+00	1.61E+01	U
WG	W-8	502185	004	1/23/20	Be-7	3.12E-01	7.71E+00	2.60E+01	U
WG	W-8	502185	004	1/23/20	Ce-141	1.66E+00	1.89E+00	6.20E+00	U
WG	W-8	502185	004	1/23/20	Ce-144	-5.22E-01	6.73E+00	2.18E+01	U
WG	W-8	502185	004	1/23/20	Cs-134	3.14E-01	9.14E-01	3.08E+00	U
WG	W-8	502185	004	1/23/20	Cs-137	-3.12E+00	1.31E+00	2.56E+00	U
WG	W-8	502185	004	1/23/20	Cr-51	8.52E+00	8.72E+00	3.07E+01	U
WG	W-8	502185	004	1/23/20	Co-57	1.23E+00	8.55E-01	2.82E+00	U
WG	W-8	502185	004	1/23/20	Co-58	6.02E-01	9.42E-01	2.97E+00	U
WG	W-8	502185	004	1/23/20	Co-60	-1.74E+00	1.22E+00	3.29E+00	U
WG	W-8	502185	004	1/23/20	I-131	1.66E-01	1.38E+00	4.75E+00	U
WG	W-8	502185	004	1/23/20	Fe-59	-2.29E+00	2.13E+00	5.58E+00	U
WG	W-8	502185	004	1/23/20	La-140	-8.04E-01	1.73E+00	5.36E+00	U
WG	W-8	502185	004	1/23/20	Mn-54	-8.11E-01	9.45E-01	2.70E+00	U
WG	W-8	502185	004	1/23/20	Nb-95	3.45E-01	1.04E+00	3.47E+00	U
WG	W-8	502185	004	1/23/20	K-40	3.23E+01	1.60E+01	2.63E+01	UI
WG	W-8	502185	004	1/23/20	Ru-103	-3.14E-01	9.99E-01	3.26E+00	U
WG	W-8	502185	004	1/23/20	Ru-106	2.29E+00	8.68E+00	2.93E+01	U
WG	W-8	502185	004	1/23/20	Se-75	8.33E-01	1.14E+00	3.73E+00	U
WG	W-8	502185	004	1/23/20	Ag-108m	4.62E-01	8.59E-01	2.98E+00	U
WG	W-8	502185	004	1/23/20	Ag-110m	1.10E+00	1.48E+00	5.04E+00	U
WG	W-8	502185	004	1/23/20	Th-228	2.29E-01	2.17E+00	7.07E+00	U
WG	W-8	502185	004	1/23/20	H-3	1.03E+03	4.00E+02	1.06E+03	U
WG	W-8	502185	004	1/23/20	Zn-65	-8.09E-01	2.19E+00	5.70E+00	U
WG	W-8	502185	004	1/23/20	Zr-95	2.10E+00	1.88E+00	6.54E+00	U
WG	W-9	502185	005	1/23/20	Ac-228	-3.89E+00	6.06E+00	1.87E+01	U
WG	W-9	502185	005	1/23/20	Sb-124	-2.48E+00	2.93E+00	8.21E+00	U
WG	W-9	502185	005	1/23/20	Sb-125	-1.18E+00	2.69E+00	8.71E+00	U
WG	W-9	502185	005	1/23/20	Ba-140	1.68E+00	4.19E+00	1.31E+01	U
WG	W-9	502185	005	1/23/20	Be-7	4.83E+00	8.81E+00	3.05E+01	U
WG	W-9	502185	005	1/23/20	Ce-141	-5.48E-01	1.94E+00	6.14E+00	U
WG	W-9	502185	005	1/23/20	Ce-144	-4.79E+00	8.15E+00	2.54E+01	U
WG	W-9	502185	005	1/23/20	Cs-134	1.87E+00	7.93E-01	3.08E+00	U
WG	W-9	502185	005	1/23/20	Cs-137	-1.77E+00	1.16E+00	2.95E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-9	502185	005	1/23/20	Cr-51	1.45E+01	1.11E+01	3.87E+01	U
WG	W-9	502185	005	1/23/20	Co-57	1.53E+00	1.09E+00	3.57E+00	U
WG	W-9	502185	005	1/23/20	Co-58	-1.49E+00	1.07E+00	2.64E+00	U
WG	W-9	502185	005	1/23/20	Co-60	3.04E-01	1.21E+00	4.14E+00	U
WG	W-9	502185	005	1/23/20	I-131	-3.16E+00	1.69E+00	4.41E+00	U
WG	W-9	502185	005	1/23/20	Fe-59	4.57E-01	1.77E+00	6.18E+00	U
WG	W-9	502185	005	1/23/20	La-140	1.00E+00	1.65E+00	5.85E+00	U
WG	W-9	502185	005	1/23/20	Mn-54	-9.59E-01	1.07E+00	3.02E+00	U
WG	W-9	502185	005	1/23/20	Nb-95	-9.43E-01	1.38E+00	3.66E+00	U
WG	W-9	502185	005	1/23/20	K-40	-1.28E+01	1.84E+01	6.35E+01	U
WG	W-9	502185	005	1/23/20	Ru-103	-2.04E+00	1.24E+00	3.32E+00	U
WG	W-9	502185	005	1/23/20	Ru-106	-8.43E+00	8.34E+00	2.36E+01	U
WG	W-9	502185	005	1/23/20	Se-75	-1.53E+00	1.85E+00	5.39E+00	U
WG	W-9	502185	005	1/23/20	Ag-108m	-3.16E-01	9.94E-01	3.27E+00	U
WG	W-9	502185	005	1/23/20	Ag-110m	-2.20E+00	1.68E+00	4.31E+00	U
WG	W-9	502185	005	1/23/20	Th-228	2.17E-01	3.65E+00	8.50E+00	U
WG	W-9	502185	005	1/23/20	H-3	6.41E+02	3.76E+02	1.08E+03	U
WG	W-9	502185	005	1/23/20	Zn-65	-9.62E-01	2.91E+00	6.81E+00	U
WG	W-9	502185	005	1/23/20	Zr-95	2.32E+00	1.89E+00	6.64E+00	U
WG	W-13	504578	001	2/17/20	Ac-228	-1.12E+00	3.85E+00	1.16E+01	U
WG	W-13	504578	001	2/17/20	Sb-124	-1.01E+00	1.80E+00	5.37E+00	U
WG	W-13	504578	001	2/17/20	Sb-125	9.65E-01	1.95E+00	6.55E+00	U
WG	W-13	504578	001	2/17/20	Ba-140	4.64E+00	4.16E+00	1.38E+01	U
WG	W-13	504578	001	2/17/20	Be-7	-3.54E+00	6.58E+00	2.08E+01	U
WG	W-13	504578	001	2/17/20	Ce-141	-2.73E+00	1.80E+00	4.46E+00	U
WG	W-13	504578	001	2/17/20	Ce-144	1.19E+00	5.21E+00	1.66E+01	U
WG	W-13	504578	001	2/17/20	Cs-134	-1.37E-01	7.58E-01	2.55E+00	U
WG	W-13	504578	001	2/17/20	Cs-137	1.79E+00	1.11E+00	2.65E+00	U
WG	W-13	504578	001	2/17/20	Cr-51	1.16E+01	7.77E+00	2.58E+01	U
WG	W-13	504578	001	2/17/20	Co-57	-4.33E-01	6.75E-01	2.08E+00	U
WG	W-13	504578	001	2/17/20	Co-58	-3.72E-01	7.27E-01	2.38E+00	U
WG	W-13	504578	001	2/17/20	Co-60	1.22E+00	8.80E-01	3.02E+00	U
WG	W-13	504578	001	2/17/20	I-131	-7.23E-01	1.33E+00	4.29E+00	U
WG	W-13	504578	001	2/17/20	Fe-59	-1.40E+00	1.94E+00	5.27E+00	U
WG	W-13	504578	001	2/17/20	La-140	-1.08E+00	9.86E-01	2.59E+00	U
WG	W-13	504578	001	2/17/20	Mn-54	2.51E-01	7.67E-01	2.64E+00	U
WG	W-13	504578	001	2/17/20	Nb-95	-4.65E-01	7.75E-01	2.33E+00	U
WG	W-13	504578	001	2/17/20	K-40	7.34E+01	1.68E+01	2.11E+01	
WG	W-13	504578	001	2/17/20	Ru-103	7.76E-01	8.67E-01	2.63E+00	U
WG	W-13	504578	001	2/17/20	Ru-106	3.79E+00	6.50E+00	2.15E+01	U
WG	W-13	504578	001	2/17/20	Se-75	1.23E+00	1.01E+00	3.44E+00	U
WG	W-13	504578	001	2/17/20	Ag-108m	-7.99E-01	6.40E-01	1.88E+00	U
WG	W-13	504578	001	2/17/20	Ag-110m	8.87E-01	1.02E+00	3.54E+00	U
WG	W-13	504578	001	2/17/20	Th-228	1.98E+00	2.49E+00	4.52E+00	U
WG	W-13	504578	001	2/17/20	H-3	-3.23E+02	4.00E+02	1.36E+03	U
WG	W-13	504578	001	2/17/20	Zn-65	-5.82E-01	1.70E+00	4.75E+00	U
WG	W-13	504578	001	2/17/20	Zr-95	7.32E-02	1.40E+00	4.45E+00	U
WG	W-1	509211	001	4/7/20	Ac-228	-2.24E+00	4.38E+00	9.02E+00	U
WG	W-1	509211	001	4/7/20	Sb-124	1.09E+00	1.34E+00	4.15E+00	U
WG	W-1	509211	001	4/7/20	Sb-125	-6.04E-01	1.51E+00	4.80E+00	U
WG	W-1	509211	001	4/7/20	Ba-140	1.93E+00	2.58E+00	8.33E+00	U
WG	W-1	509211	001	4/7/20	Be-7	-7.74E-02	4.51E+00	1.45E+01	U
WG	W-1	509211	001	4/7/20	Ce-141	-1.38E-01	8.19E-01	2.53E+00	U
WG	W-1	509211	001	4/7/20	Ce-144	-2.65E+00	3.42E+00	1.03E+01	U
WG	W-1	509211	001	4/7/20	Cs-134	-1.05E-01	7.16E-01	2.09E+00	U
WG	W-1	509211	001	4/7/20	Cs-137	5.42E-02	5.74E-01	1.95E+00	U
WG	W-1	509211	001	4/7/20	Cr-51	9.61E-01	4.46E+00	1.48E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-1	509211	001	4/7/20	Co-57	3.55E-01	4.75E-01	1.25E+00	U
WG	W-1	509211	001	4/7/20	Co-58	-3.01E-03	5.32E-01	1.78E+00	U
WG	W-1	509211	001	4/7/20	Co-60	1.72E-01	6.35E-01	2.07E+00	U
WG	W-1	509211	001	4/7/20	I-131	-5.86E-01	6.61E-01	2.06E+00	U
WG	W-1	509211	001	4/7/20	Fe-59	-2.29E+00	1.34E+00	3.64E+00	U
WG	W-1	509211	001	4/7/20	La-140	-7.93E-02	8.12E-01	2.71E+00	U
WG	W-1	509211	001	4/7/20	Mn-54	3.32E-01	5.88E-01	1.99E+00	U
WG	W-1	509211	001	4/7/20	Nb-95	-9.90E-01	6.77E-01	2.02E+00	U
WG	W-1	509211	001	4/7/20	K-40	-3.68E+00	1.10E+01	2.92E+01	U
WG	W-1	509211	001	4/7/20	Ru-103	1.08E+00	7.84E-01	1.84E+00	U
WG	W-1	509211	001	4/7/20	Ru-106	3.93E+00	4.97E+00	1.70E+01	U
WG	W-1	509211	001	4/7/20	Se-75	5.10E-01	7.55E-01	2.28E+00	U
WG	W-1	509211	001	4/7/20	Ag-108m	3.93E-01	4.93E-01	1.61E+00	U
WG	W-1	509211	001	4/7/20	Ag-110m	4.09E-01	8.09E-01	2.72E+00	U
WG	W-1	509211	001	4/7/20	Th-228	2.43E+00	1.84E+00	2.78E+00	U
WG	W-1	509211	001	4/7/20	H-3	4.03E+02	3.81E+02	1.16E+03	U
WG	W-1	509211	001	4/7/20	Zn-65	-1.79E+00	1.51E+00	3.77E+00	U
WG	W-1	509211	001	4/7/20	Zr-95	2.27E+00	1.36E+00	3.67E+00	U
WG	W-3	509211	002	4/7/20	Ac-228	8.07E+00	2.72E+00	6.26E+00	
WG	W-3	509211	002	4/7/20	Sb-124	-3.72E-01	2.39E+00	4.06E+00	U
WG	W-3	509211	002	4/7/20	Sb-125	1.52E+00	2.01E+00	4.78E+00	U
WG	W-3	509211	002	4/7/20	Ba-140	1.54E+00	2.08E+00	6.84E+00	U
WG	W-3	509211	002	4/7/20	Be-7	-3.48E+00	4.52E+00	1.42E+01	U
WG	W-3	509211	002	4/7/20	Ce-141	-2.25E+00	1.41E+00	3.01E+00	U
WG	W-3	509211	002	4/7/20	Ce-144	5.39E+00	3.81E+00	1.19E+01	U
WG	W-3	509211	002	4/7/20	Cs-134	7.71E-01	5.97E-01	2.02E+00	U
WG	W-3	509211	002	4/7/20	Cs-137	-4.91E-01	5.91E-01	1.79E+00	U
WG	W-3	509211	002	4/7/20	Cr-51	2.16E-01	4.49E+00	1.52E+01	U
WG	W-3	509211	002	4/7/20	Co-57	1.02E-01	4.74E-01	1.53E+00	U
WG	W-3	509211	002	4/7/20	Co-58	-5.60E-01	5.21E-01	1.63E+00	U
WG	W-3	509211	002	4/7/20	Co-60	-1.69E-01	5.64E-01	1.79E+00	U
WG	W-3	509211	002	4/7/20	I-131	-5.50E-01	1.11E+00	2.34E+00	U
WG	W-3	509211	002	4/7/20	Fe-59	1.85E+00	1.31E+00	3.90E+00	U
WG	W-3	509211	002	4/7/20	La-140	-5.51E-01	7.62E-01	2.43E+00	U
WG	W-3	509211	002	4/7/20	Mn-54	-2.99E-02	5.08E-01	1.71E+00	U
WG	W-3	509211	002	4/7/20	Nb-95	7.88E-01	5.75E-01	1.75E+00	U
WG	W-3	509211	002	4/7/20	K-40	1.96E+01	1.34E+01	1.89E+01	UI
WG	W-3	509211	002	4/7/20	Ru-103	-1.20E+00	5.98E-01	1.60E+00	U
WG	W-3	509211	002	4/7/20	Ru-106	-8.73E+00	5.02E+00	1.36E+01	U
WG	W-3	509211	002	4/7/20	Se-75	5.00E-01	7.01E-01	2.39E+00	U
WG	W-3	509211	002	4/7/20	Ag-108m	-8.50E-02	4.82E-01	1.58E+00	U
WG	W-3	509211	002	4/7/20	Ag-110m	3.20E-02	6.82E-01	2.30E+00	U
WG	W-3	509211	002	4/7/20	Th-228	-2.35E+00	1.94E+00	3.68E+00	U
WG	W-3	509211	002	4/7/20	H-3	-2.82E+02	3.57E+02	1.24E+03	U
WG	W-3	509211	002	4/7/20	Zn-65	-5.36E+00	4.43E+00	3.39E+00	U
WG	W-3	509211	002	4/7/20	Zr-95	-2.17E+00	1.03E+00	2.76E+00	U
WG	W-9	509211	003	4/7/20	Ac-228	1.76E-01	3.96E+00	6.26E+00	U
WG	W-9	509211	003	4/7/20	Sb-124	2.91E+00	1.56E+00	3.68E+00	U
WG	W-9	509211	003	4/7/20	Sb-125	1.43E+00	1.18E+00	3.61E+00	U
WG	W-9	509211	003	4/7/20	Ba-140	3.73E-01	1.63E+00	5.46E+00	U
WG	W-9	509211	003	4/7/20	Be-7	-4.95E-01	3.24E+00	1.08E+01	U
WG	W-9	509211	003	4/7/20	Ce-141	2.64E-01	6.84E-01	2.22E+00	U
WG	W-9	509211	003	4/7/20	Ce-144	-1.65E+00	2.73E+00	8.65E+00	U
WG	W-9	509211	003	4/7/20	Cs-134	5.82E-02	4.54E-01	1.48E+00	U
WG	W-9	509211	003	4/7/20	Cs-137	-4.82E-01	4.32E-01	1.31E+00	U
WG	W-9	509211	003	4/7/20	Cr-51	1.60E+00	3.27E+00	1.13E+01	U
WG	W-9	509211	003	4/7/20	Co-57	3.40E-02	3.53E-01	1.15E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-9	509211	003	4/7/20	Co-58	7.67E-02	3.69E-01	1.21E+00	U
WG	W-9	509211	003	4/7/20	Co-60	-1.83E-01	4.03E-01	1.32E+00	U
WG	W-9	509211	003	4/7/20	I-131	-6.33E-01	5.39E-01	1.71E+00	U
WG	W-9	509211	003	4/7/20	Fe-59	1.17E-01	8.73E-01	2.78E+00	U
WG	W-9	509211	003	4/7/20	La-140	6.73E-01	6.17E-01	1.90E+00	U
WG	W-9	509211	003	4/7/20	Mn-54	4.07E-01	3.91E-01	1.28E+00	U
WG	W-9	509211	003	4/7/20	Nb-95	2.20E-01	4.49E-01	1.33E+00	U
WG	W-9	509211	003	4/7/20	K-40	2.62E+01	1.16E+01	1.11E+01	
WG	W-9	509211	003	4/7/20	Ru-103	2.45E-01	3.92E-01	1.20E+00	U
WG	W-9	509211	003	4/7/20	Ru-106	-3.39E+00	3.44E+00	1.06E+01	U
WG	W-9	509211	003	4/7/20	Se-75	3.86E-01	5.43E-01	1.71E+00	U
WG	W-9	509211	003	4/7/20	Ag-108m	-2.51E-01	3.41E-01	1.11E+00	U
WG	W-9	509211	003	4/7/20	Ag-110m	-5.97E-01	5.59E-01	1.66E+00	U
WG	W-9	509211	003	4/7/20	Th-228	-2.08E+00	1.51E+00	3.01E+00	U
WG	W-9	509211	003	4/7/20	H-3	-6.15E+02	3.22E+02	1.21E+03	U
WG	W-9	509211	003	4/7/20	Zn-65	1.58E+00	9.56E-01	2.80E+00	U
WG	W-9	509211	003	4/7/20	Zr-95	-2.83E-01	6.97E-01	2.22E+00	U
WG	W-15	509211	004	4/7/20	Ac-228	-2.34E+00	2.92E+00	5.64E+00	U
WG	W-15	509211	004	4/7/20	Sb-124	1.51E+00	1.05E+00	3.54E+00	U
WG	W-15	509211	004	4/7/20	Sb-125	4.46E+00	2.52E+00	3.73E+00	UI
WG	W-15	509211	004	4/7/20	Ba-140	3.04E+00	2.10E+00	6.89E+00	U
WG	W-15	509211	004	4/7/20	Be-7	2.30E+00	3.78E+00	1.16E+01	U
WG	W-15	509211	004	4/7/20	Ce-141	-3.34E+00	1.54E+00	2.54E+00	U
WG	W-15	509211	004	4/7/20	Ce-144	1.26E+00	3.14E+00	1.01E+01	U
WG	W-15	509211	004	4/7/20	Cs-134	-7.15E-01	4.68E-01	1.33E+00	U
WG	W-15	509211	004	4/7/20	Cs-137	2.39E-01	4.24E-01	1.41E+00	U
WG	W-15	509211	004	4/7/20	Cr-51	1.27E+01	5.78E+00	1.23E+01	UI
WG	W-15	509211	004	4/7/20	Co-57	6.14E-01	4.23E-01	1.32E+00	U
WG	W-15	509211	004	4/7/20	Co-58	-1.20E-02	3.92E-01	1.28E+00	U
WG	W-15	509211	004	4/7/20	Co-60	7.50E-02	4.37E-01	1.32E+00	U
WG	W-15	509211	004	4/7/20	I-131	-2.96E-01	7.07E-01	2.38E+00	U
WG	W-15	509211	004	4/7/20	Fe-59	-1.10E-01	8.01E-01	2.54E+00	U
WG	W-15	509211	004	4/7/20	La-140	-6.63E-01	6.53E-01	2.01E+00	U
WG	W-15	509211	004	4/7/20	Mn-54	-8.07E-01	5.71E-01	1.30E+00	U
WG	W-15	509211	004	4/7/20	Nb-95	-6.20E-02	4.48E-01	1.46E+00	U
WG	W-15	509211	004	4/7/20	K-40	8.49E+00	1.17E+01	1.18E+01	U
WG	W-15	509211	004	4/7/20	Ru-103	-5.66E-01	4.56E-01	1.41E+00	U
WG	W-15	509211	004	4/7/20	Ru-106	6.58E+00	4.06E+00	1.31E+01	U
WG	W-15	509211	004	4/7/20	Se-75	3.78E-01	6.45E-01	2.02E+00	U
WG	W-15	509211	004	4/7/20	Ag-108m	5.09E-01	4.37E-01	1.28E+00	U
WG	W-15	509211	004	4/7/20	Ag-110m	7.78E-01	5.37E-01	1.75E+00	U
WG	W-15	509211	004	4/7/20	Th-228	1.05E+01	1.64E+00	2.50E+00	
WG	W-15	509211	004	4/7/20	H-3	6.05E+02	4.16E+02	1.22E+03	U
WG	W-15	509211	004	4/7/20	Zn-65	-2.11E+00	1.15E+00	2.56E+00	U
WG	W-15	509211	004	4/7/20	Zr-95	-7.43E-01	7.66E-01	2.35E+00	U
WG	W-7	509622	001	4/14/20	Ac-228	8.06E+00	6.51E+00	2.27E+01	U
WG	W-7	509622	001	4/14/20	Sb-124	-1.07E+00	3.51E+00	1.10E+01	U
WG	W-7	509622	001	4/14/20	Sb-125	7.85E-01	3.48E+00	1.13E+01	U
WG	W-7	509622	001	4/14/20	Ba-140	1.03E+01	7.04E+00	2.49E+01	U
WG	W-7	509622	001	4/14/20	Be-7	-1.35E+01	1.33E+01	3.19E+01	U
WG	W-7	509622	001	4/14/20	Ce-141	-1.24E+00	2.75E+00	8.67E+00	U
WG	W-7	509622	001	4/14/20	Ce-144	-1.68E+01	1.02E+01	2.81E+01	U
WG	W-7	509622	001	4/14/20	Cs-134	-1.25E+00	1.56E+00	4.66E+00	U
WG	W-7	509622	001	4/14/20	Cs-137	7.18E-02	1.32E+00	4.44E+00	U
WG	W-7	509622	001	4/14/20	Cr-51	-1.88E+01	1.48E+01	4.26E+01	U
WG	W-7	509622	001	4/14/20	Co-57	-1.02E+00	1.22E+00	3.98E+00	U
WG	W-7	509622	001	4/14/20	Co-58	-2.48E+00	1.60E+00	3.82E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-7	509622	001	4/14/20	Co-60	2.40E+00	1.30E+00	4.78E+00	U
WG	W-7	509622	001	4/14/20	I-131	-6.01E-01	2.63E+00	8.35E+00	U
WG	W-7	509622	001	4/14/20	Fe-59	1.23E+00	2.80E+00	9.41E+00	U
WG	W-7	509622	001	4/14/20	La-140	-6.54E-01	2.61E+00	8.31E+00	U
WG	W-7	509622	001	4/14/20	Mn-54	7.46E-01	1.35E+00	4.61E+00	U
WG	W-7	509622	001	4/14/20	Nb-95	-1.94E+00	1.44E+00	3.64E+00	U
WG	W-7	509622	001	4/14/20	K-40	-7.99E+00	1.95E+01	6.40E+01	U
WG	W-7	509622	001	4/14/20	Ru-103	5.08E-01	1.59E+00	5.15E+00	U
WG	W-7	509622	001	4/14/20	Ru-106	-3.38E+00	1.02E+01	3.31E+01	U
WG	W-7	509622	001	4/14/20	Se-75	2.16E+00	1.82E+00	6.14E+00	U
WG	W-7	509622	001	4/14/20	Ag-108m	2.01E-01	1.26E+00	4.06E+00	U
WG	W-7	509622	001	4/14/20	Ag-110m	1.52E+00	1.41E+00	5.09E+00	U
WG	W-7	509622	001	4/14/20	Th-228	-3.54E+00	3.40E+00	1.07E+01	U
WG	W-7	509622	001	4/14/20	H-3	3.89E+02	4.06E+02	1.26E+03	U
WG	W-7	509622	001	4/14/20	Zn-65	-1.11E+00	2.57E+00	7.70E+00	U
WG	W-7	509622	001	4/14/20	Zr-95	9.66E-01	2.37E+00	8.09E+00	U
WG	W-10	509622	002	4/14/20	Ac-228	8.19E+00	6.19E+00	1.64E+01	U
WG	W-10	509622	002	4/14/20	Sb-124	1.42E-01	2.16E+00	7.11E+00	U
WG	W-10	509622	002	4/14/20	Sb-125	5.71E+00	3.25E+00	1.11E+01	U
WG	W-10	509622	002	4/14/20	Ba-140	-1.52E+00	6.06E+00	1.97E+01	U
WG	W-10	509622	002	4/14/20	Be-7	4.48E-01	7.73E+00	2.59E+01	U
WG	W-10	509622	002	4/14/20	Ce-141	4.37E+00	3.43E+00	5.93E+00	U
WG	W-10	509622	002	4/14/20	Ce-144	1.43E+01	7.80E+00	2.50E+01	U
WG	W-10	509622	002	4/14/20	Cs-134	1.86E+00	1.14E+00	3.98E+00	U
WG	W-10	509622	002	4/14/20	Cs-137	7.90E-01	1.11E+00	3.78E+00	U
WG	W-10	509622	002	4/14/20	Cr-51	-1.55E+01	1.15E+01	3.10E+01	U
WG	W-10	509622	002	4/14/20	Co-57	1.88E-01	9.25E-01	3.04E+00	U
WG	W-10	509622	002	4/14/20	Co-58	-1.79E-01	1.16E+00	3.24E+00	U
WG	W-10	509622	002	4/14/20	Co-60	-1.07E-01	9.73E-01	3.19E+00	U
WG	W-10	509622	002	4/14/20	I-131	-1.45E+00	2.21E+00	6.30E+00	U
WG	W-10	509622	002	4/14/20	Fe-59	-5.82E-01	1.79E+00	5.77E+00	U
WG	W-10	509622	002	4/14/20	La-140	-2.19E-03	1.96E+00	6.42E+00	U
WG	W-10	509622	002	4/14/20	Mn-54	8.66E-01	1.02E+00	3.48E+00	U
WG	W-10	509622	002	4/14/20	Nb-95	5.55E-01	1.09E+00	3.65E+00	U
WG	W-10	509622	002	4/14/20	K-40	-1.56E+01	1.58E+01	4.94E+01	U
WG	W-10	509622	002	4/14/20	Ru-103	1.27E+00	9.26E-01	3.08E+00	U
WG	W-10	509622	002	4/14/20	Ru-106	1.56E+00	9.36E+00	3.11E+01	U
WG	W-10	509622	002	4/14/20	Se-75	9.15E-02	1.46E+00	4.58E+00	U
WG	W-10	509622	002	4/14/20	Ag-108m	-1.98E-01	7.56E-01	2.48E+00	U
WG	W-10	509622	002	4/14/20	Ag-110m	-6.25E-01	1.48E+00	4.48E+00	U
WG	W-10	509622	002	4/14/20	Th-228	7.58E-01	2.42E+00	7.57E+00	U
WG	W-10	509622	002	4/14/20	H-3	5.08E+02	4.17E+02	1.28E+03	U
WG	W-10	509622	002	4/14/20	Zn-65	2.29E+00	1.95E+00	6.71E+00	U
WG	W-10	509622	002	4/14/20	Zr-95	-3.65E-01	2.11E+00	6.70E+00	U
WG	W-11	509622	003	4/14/20	Ac-228	8.69E+00	7.50E+00	2.24E+01	U
WG	W-11	509622	003	4/14/20	Sb-124	1.82E+00	3.38E+00	1.19E+01	U
WG	W-11	509622	003	4/14/20	Sb-125	-9.93E+00	4.45E+00	1.03E+01	U
WG	W-11	509622	003	4/14/20	Ba-140	-3.12E-01	7.62E+00	2.51E+01	U
WG	W-11	509622	003	4/14/20	Be-7	-3.62E+00	1.18E+01	3.83E+01	U
WG	W-11	509622	003	4/14/20	Ce-141	-6.13E+00	3.25E+00	8.39E+00	U
WG	W-11	509622	003	4/14/20	Ce-144	2.47E+00	9.08E+00	2.95E+01	U
WG	W-11	509622	003	4/14/20	Cs-134	-2.05E-01	1.79E+00	5.71E+00	U
WG	W-11	509622	003	4/14/20	Cs-137	1.24E+00	1.39E+00	4.44E+00	U
WG	W-11	509622	003	4/14/20	Cr-51	-1.20E+01	1.41E+01	4.22E+01	U
WG	W-11	509622	003	4/14/20	Co-57	-2.05E-01	1.33E+00	4.27E+00	U
WG	W-11	509622	003	4/14/20	Co-58	-8.92E-01	1.44E+00	4.28E+00	U
WG	W-11	509622	003	4/14/20	Co-60	4.37E-01	1.37E+00	4.74E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-11	509622	003	4/14/20	I-131	6.63E-01	2.76E+00	9.47E+00	U
WG	W-11	509622	003	4/14/20	Fe-59	-1.93E+00	2.88E+00	7.45E+00	U
WG	W-11	509622	003	4/14/20	La-140	2.76E+00	2.85E+00	1.03E+01	U
WG	W-11	509622	003	4/14/20	Mn-54	5.10E-01	1.13E+00	3.83E+00	U
WG	W-11	509622	003	4/14/20	Nb-95	2.29E+00	1.54E+00	4.45E+00	U
WG	W-11	509622	003	4/14/20	K-40	-3.90E+01	2.25E+01	6.56E+01	U
WG	W-11	509622	003	4/14/20	Ru-103	-1.73E+00	1.54E+00	4.50E+00	U
WG	W-11	509622	003	4/14/20	Ru-106	-1.15E+00	1.16E+01	3.76E+01	U
WG	W-11	509622	003	4/14/20	Se-75	-9.34E-01	1.82E+00	6.04E+00	U
WG	W-11	509622	003	4/14/20	Ag-108m	-4.00E+00	1.53E+00	2.99E+00	U
WG	W-11	509622	003	4/14/20	Ag-110m	-2.18E+00	1.61E+00	3.76E+00	U
WG	W-11	509622	003	4/14/20	Th-228	3.69E+00	5.05E+00	1.09E+01	U
WG	W-11	509622	003	4/14/20	H-3	2.05E+01	3.92E+02	1.29E+03	U
WG	W-11	509622	003	4/14/20	Zn-65	1.06E+00	3.23E+00	1.01E+01	U
WG	W-11	509622	003	4/14/20	Zr-95	-3.90E-01	2.46E+00	7.82E+00	U
WG	W-12	509622	004	4/14/20	Ac-228	2.29E+01	9.51E+00	2.01E+01	UI
WG	W-12	509622	004	4/14/20	Sb-124	3.63E-01	2.73E+00	8.95E+00	U
WG	W-12	509622	004	4/14/20	Sb-125	4.22E-01	2.64E+00	8.06E+00	U
WG	W-12	509622	004	4/14/20	Ba-140	-6.00E+00	6.46E+00	1.93E+01	U
WG	W-12	509622	004	4/14/20	Be-7	-3.56E+00	7.91E+00	2.51E+01	U
WG	W-12	509622	004	4/14/20	Ce-141	-4.73E+00	2.29E+00	5.76E+00	U
WG	W-12	509622	004	4/14/20	Ce-144	8.75E+00	7.37E+00	2.44E+01	U
WG	W-12	509622	004	4/14/20	Cs-134	9.85E-01	1.17E+00	3.98E+00	U
WG	W-12	509622	004	4/14/20	Cs-137	2.14E-01	1.51E+00	4.89E+00	U
WG	W-12	509622	004	4/14/20	Cr-51	-1.26E+01	1.18E+01	3.30E+01	U
WG	W-12	509622	004	4/14/20	Co-57	5.34E-01	8.89E-01	2.97E+00	U
WG	W-12	509622	004	4/14/20	Co-58	1.07E+00	1.02E+00	3.55E+00	U
WG	W-12	509622	004	4/14/20	Co-60	-6.07E-01	1.02E+00	3.01E+00	U
WG	W-12	509622	004	4/14/20	I-131	-2.11E+00	1.96E+00	5.90E+00	U
WG	W-12	509622	004	4/14/20	Fe-59	-9.06E-01	2.37E+00	7.59E+00	U
WG	W-12	509622	004	4/14/20	La-140	4.14E+00	2.77E+00	8.79E+00	U
WG	W-12	509622	004	4/14/20	Mn-54	8.66E-01	1.23E+00	4.11E+00	U
WG	W-12	509622	004	4/14/20	Nb-95	-6.24E-01	1.21E+00	3.64E+00	U
WG	W-12	509622	004	4/14/20	K-40	-2.30E+01	1.92E+01	5.28E+01	U
WG	W-12	509622	004	4/14/20	Ru-103	-3.86E-02	1.26E+00	4.17E+00	U
WG	W-12	509622	004	4/14/20	Ru-106	8.40E+00	1.03E+01	3.51E+01	U
WG	W-12	509622	004	4/14/20	Se-75	-1.43E+00	1.52E+00	4.33E+00	U
WG	W-12	509622	004	4/14/20	Ag-108m	-2.21E-01	1.00E+00	3.30E+00	U
WG	W-12	509622	004	4/14/20	Ag-110m	5.58E-02	1.46E+00	4.97E+00	U
WG	W-12	509622	004	4/14/20	Th-228	-3.66E+00	2.70E+00	7.93E+00	U
WG	W-12	509622	004	4/14/20	H-3	3.48E+02	4.11E+02	1.29E+03	U
WG	W-12	509622	004	4/14/20	Zn-65	1.00E+00	2.91E+00	8.90E+00	U
WG	W-12	509622	004	4/14/20	Zr-95	-2.33E+00	2.14E+00	5.82E+00	U
WG	W-13	509622	005	4/14/20	Ac-228	2.54E+00	5.01E+00	1.75E+01	U
WG	W-13	509622	005	4/14/20	Sb-124	1.59E+00	3.84E+00	1.30E+01	U
WG	W-13	509622	005	4/14/20	Sb-125	-5.72E+00	4.12E+00	9.39E+00	U
WG	W-13	509622	005	4/14/20	Ba-140	-8.83E+00	7.81E+00	2.15E+01	U
WG	W-13	509622	005	4/14/20	Be-7	-5.74E+00	1.14E+01	3.47E+01	U
WG	W-13	509622	005	4/14/20	Ce-141	-5.08E+00	2.99E+00	7.89E+00	U
WG	W-13	509622	005	4/14/20	Ce-144	2.25E-01	1.01E+01	3.00E+01	U
WG	W-13	509622	005	4/14/20	Cs-134	6.06E-02	1.39E+00	4.69E+00	U
WG	W-13	509622	005	4/14/20	Cs-137	-6.53E-01	1.26E+00	4.05E+00	U
WG	W-13	509622	005	4/14/20	Cr-51	1.42E+01	1.20E+01	4.03E+01	U
WG	W-13	509622	005	4/14/20	Co-57	7.55E-01	1.27E+00	3.87E+00	U
WG	W-13	509622	005	4/14/20	Co-58	-1.41E+00	1.51E+00	4.59E+00	U
WG	W-13	509622	005	4/14/20	Co-60	-6.69E-01	1.52E+00	4.71E+00	U
WG	W-13	509622	005	4/14/20	I-131	-1.31E+00	2.61E+00	8.06E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-13	509622	005	4/14/20	Fe-59	-4.53E-01	2.95E+00	9.65E+00	U
WG	W-13	509622	005	4/14/20	La-140	1.02E+00	2.33E+00	8.00E+00	U
WG	W-13	509622	005	4/14/20	Mn-54	-6.28E-01	1.20E+00	3.80E+00	U
WG	W-13	509622	005	4/14/20	Nb-95	1.97E+00	1.49E+00	5.01E+00	U
WG	W-13	509622	005	4/14/20	K-40	6.43E+00	1.81E+01	6.34E+01	U
WG	W-13	509622	005	4/14/20	Ru-103	9.24E-01	1.50E+00	4.93E+00	U
WG	W-13	509622	005	4/14/20	Ru-106	7.07E+00	1.10E+01	3.85E+01	U
WG	W-13	509622	005	4/14/20	Se-75	-2.02E+00	1.66E+00	4.78E+00	U
WG	W-13	509622	005	4/14/20	Ag-108m	2.57E-01	1.16E+00	3.77E+00	U
WG	W-13	509622	005	4/14/20	Ag-110m	-5.71E-01	1.71E+00	5.55E+00	U
WG	W-13	509622	005	4/14/20	Th-228	2.01E+00	2.88E+00	9.34E+00	U
WG	W-13	509622	005	4/14/20	H-3	2.24E+01	3.90E+02	1.28E+03	U
WG	W-13	509622	005	4/14/20	Zn-65	1.58E+00	2.72E+00	8.55E+00	U
WG	W-13	509622	005	4/14/20	Zr-95	1.48E+00	2.54E+00	8.86E+00	U
WG	W-14	509622	006	4/14/20	Ac-228	1.15E+00	9.02E+00	2.36E+01	U
WG	W-14	509622	006	4/14/20	Sb-124	-6.40E-01	3.84E+00	1.23E+01	U
WG	W-14	509622	006	4/14/20	Sb-125	-5.76E+00	4.21E+00	1.14E+01	U
WG	W-14	509622	006	4/14/20	Ba-140	8.24E+00	1.31E+01	2.40E+01	U
WG	W-14	509622	006	4/14/20	Be-7	1.35E+01	1.36E+01	4.50E+01	U
WG	W-14	509622	006	4/14/20	Ce-141	5.43E+00	3.72E+00	7.54E+00	U
WG	W-14	509622	006	4/14/20	Ce-144	-1.55E+01	1.00E+01	2.81E+01	U
WG	W-14	509622	006	4/14/20	Cs-134	-5.40E-01	1.17E+00	3.60E+00	U
WG	W-14	509622	006	4/14/20	Cs-137	2.65E+00	1.46E+00	5.11E+00	U
WG	W-14	509622	006	4/14/20	Cr-51	6.41E+00	1.45E+01	4.37E+01	U
WG	W-14	509622	006	4/14/20	Co-57	2.01E+00	1.29E+00	4.35E+00	U
WG	W-14	509622	006	4/14/20	Co-58	-1.50E+00	1.61E+00	4.49E+00	U
WG	W-14	509622	006	4/14/20	Co-60	-1.50E+00	1.29E+00	3.40E+00	U
WG	W-14	509622	006	4/14/20	I-131	-1.78E+00	2.59E+00	7.82E+00	U
WG	W-14	509622	006	4/14/20	Fe-59	2.03E+00	2.76E+00	9.52E+00	U
WG	W-14	509622	006	4/14/20	La-140	-5.14E+00	2.32E+00	2.12E+00	U
WG	W-14	509622	006	4/14/20	Mn-54	9.57E-01	1.33E+00	4.59E+00	U
WG	W-14	509622	006	4/14/20	Nb-95	1.71E+00	1.49E+00	5.02E+00	U
WG	W-14	509622	006	4/14/20	K-40	4.12E+00	1.93E+01	6.71E+01	U
WG	W-14	509622	006	4/14/20	Ru-103	-1.56E+00	1.57E+00	4.42E+00	U
WG	W-14	509622	006	4/14/20	Ru-106	9.35E-01	1.09E+01	3.68E+01	U
WG	W-14	509622	006	4/14/20	Se-75	-1.67E+00	1.97E+00	6.10E+00	U
WG	W-14	509622	006	4/14/20	Ag-108m	-4.68E-02	1.19E+00	3.78E+00	U
WG	W-14	509622	006	4/14/20	Ag-110m	-9.95E-01	1.85E+00	5.66E+00	U
WG	W-14	509622	006	4/14/20	Th-228	5.10E-01	4.07E+00	9.14E+00	U
WG	W-14	509622	006	4/14/20	H-3	5.92E+02	4.33E+02	1.31E+03	U
WG	W-14	509622	006	4/14/20	Zn-65	-1.78E+00	2.58E+00	5.95E+00	U
WG	W-14	509622	006	4/14/20	Zr-95	2.27E+00	2.38E+00	8.36E+00	U
WG	MW-20	509622	007	4/14/20	Ac-228	5.23E+00	6.17E+00	1.80E+01	U
WG	MW-20	509622	007	4/14/20	Sb-124	-1.79E+00	3.11E+00	9.26E+00	U
WG	MW-20	509622	007	4/14/20	Sb-125	1.82E+00	2.79E+00	9.78E+00	U
WG	MW-20	509622	007	4/14/20	Ba-140	4.12E+00	5.53E+00	1.94E+01	U
WG	MW-20	509622	007	4/14/20	Be-7	5.36E-01	8.20E+00	2.78E+01	U
WG	MW-20	509622	007	4/14/20	Ce-141	-4.03E+00	2.67E+00	6.56E+00	U
WG	MW-20	509622	007	4/14/20	Ce-144	-2.57E+00	7.33E+00	2.35E+01	U
WG	MW-20	509622	007	4/14/20	Cs-134	5.33E-01	1.11E+00	3.77E+00	U
WG	MW-20	509622	007	4/14/20	Cs-137	1.98E-01	1.25E+00	3.99E+00	U
WG	MW-20	509622	007	4/14/20	Cr-51	-9.49E+00	1.12E+01	3.17E+01	U
WG	MW-20	509622	007	4/14/20	Co-57	6.06E-03	9.00E-01	2.96E+00	U
WG	MW-20	509622	007	4/14/20	Co-58	2.18E-01	8.81E-01	2.96E+00	U
WG	MW-20	509622	007	4/14/20	Co-60	7.53E-01	1.02E+00	3.72E+00	U
WG	MW-20	509622	007	4/14/20	I-131	2.67E+00	2.30E+00	8.11E+00	U
WG	MW-20	509622	007	4/14/20	Fe-59	6.74E-01	2.09E+00	6.94E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	MW-20	509622	007	4/14/20	La-140	2.28E+00	2.18E+00	8.02E+00	U
WG	MW-20	509622	007	4/14/20	Mn-54	5.80E-01	1.09E+00	3.40E+00	U
WG	MW-20	509622	007	4/14/20	Nb-95	-1.91E+00	9.79E-01	1.82E+00	U
WG	MW-20	509622	007	4/14/20	K-40	1.80E+01	1.79E+01	3.76E+01	U
WG	MW-20	509622	007	4/14/20	Ru-103	3.28E-01	1.04E+00	3.59E+00	U
WG	MW-20	509622	007	4/14/20	Ru-106	-4.99E+00	9.85E+00	3.09E+01	U
WG	MW-20	509622	007	4/14/20	Se-75	2.04E+00	1.61E+00	5.25E+00	U
WG	MW-20	509622	007	4/14/20	Ag-108m	-1.07E+00	8.49E-01	2.44E+00	U
WG	MW-20	509622	007	4/14/20	Ag-110m	-7.34E-01	1.40E+00	4.15E+00	U
WG	MW-20	509622	007	4/14/20	Th-228	3.28E+00	3.39E+00	8.31E+00	U
WG	MW-20	509622	007	4/14/20	H-3	3.46E+02	4.14E+02	1.30E+03	U
WG	MW-20	509622	007	4/14/20	Zn-65	-6.08E-02	2.78E+00	7.79E+00	U
WG	MW-20	509622	007	4/14/20	Zr-95	-4.56E-01	2.11E+00	6.72E+00	U
WG	MW-21	509622	008	4/14/20	Ac-228	1.82E+01	7.24E+00	1.46E+01	UI
WG	MW-21	509622	008	4/14/20	Sb-124	2.19E-01	2.16E+00	7.41E+00	U
WG	MW-21	509622	008	4/14/20	Sb-125	-2.53E+00	2.67E+00	7.93E+00	U
WG	MW-21	509622	008	4/14/20	Ba-140	1.51E+00	6.50E+00	1.94E+01	U
WG	MW-21	509622	008	4/14/20	Be-7	-9.09E+00	8.66E+00	2.49E+01	U
WG	MW-21	509622	008	4/14/20	Ce-141	-2.49E+00	2.53E+00	7.00E+00	U
WG	MW-21	509622	008	4/14/20	Ce-144	8.24E+00	7.70E+00	2.52E+01	U
WG	MW-21	509622	008	4/14/20	Cs-134	-1.27E+00	1.24E+00	3.71E+00	U
WG	MW-21	509622	008	4/14/20	Cs-137	-7.30E-01	1.12E+00	3.32E+00	U
WG	MW-21	509622	008	4/14/20	Cr-51	-1.35E+00	1.13E+01	3.78E+01	U
WG	MW-21	509622	008	4/14/20	Co-57	-8.81E-01	1.04E+00	3.17E+00	U
WG	MW-21	509622	008	4/14/20	Co-58	-3.60E-01	9.71E-01	3.16E+00	U
WG	MW-21	509622	008	4/14/20	Co-60	1.92E+00	1.43E+00	4.57E+00	U
WG	MW-21	509622	008	4/14/20	I-131	4.28E+00	2.29E+00	7.81E+00	U
WG	MW-21	509622	008	4/14/20	Fe-59	0.00E+00	0.00E+00	6.68E+00	U
WG	MW-21	509622	008	4/14/20	La-140	1.47E+00	1.99E+00	7.00E+00	U
WG	MW-21	509622	008	4/14/20	Mn-54	-2.99E+00	1.40E+00	3.11E+00	U
WG	MW-21	509622	008	4/14/20	Nb-95	9.33E-03	1.19E+00	3.77E+00	U
WG	MW-21	509622	008	4/14/20	K-40	2.26E+00	2.02E+01	6.40E+01	U
WG	MW-21	509622	008	4/14/20	Ru-103	-1.38E+00	1.43E+00	4.26E+00	U
WG	MW-21	509622	008	4/14/20	Ru-106	-7.55E+00	1.07E+01	3.18E+01	U
WG	MW-21	509622	008	4/14/20	Se-75	-3.84E-01	1.59E+00	5.36E+00	U
WG	MW-21	509622	008	4/14/20	Ag-108m	-4.31E-01	8.99E-01	2.85E+00	U
WG	MW-21	509622	008	4/14/20	Ag-110m	7.38E-02	1.31E+00	4.45E+00	U
WG	MW-21	509622	008	4/14/20	Th-228	-1.85E+00	2.58E+00	8.28E+00	U
WG	MW-21	509622	008	4/14/20	H-3	8.74E+02	4.46E+02	1.30E+03	U
WG	MW-21	509622	008	4/14/20	Zn-65	-2.55E+00	2.30E+00	6.32E+00	U
WG	MW-21	509622	008	4/14/20	Zr-95	-1.60E+00	2.12E+00	6.08E+00	U
WG	W-2	510078	001	4/21/20	Ac-228	-4.36E+00	4.17E+00	1.11E+01	U
WG	W-2	510078	001	4/21/20	Sb-124	-3.71E-01	1.76E+00	5.48E+00	U
WG	W-2	510078	001	4/21/20	Sb-125	-2.35E+00	2.11E+00	6.43E+00	U
WG	W-2	510078	001	4/21/20	Ba-140	6.40E-01	4.20E+00	1.39E+01	U
WG	W-2	510078	001	4/21/20	Be-7	2.66E+00	6.63E+00	2.24E+01	U
WG	W-2	510078	001	4/21/20	Ce-141	-3.21E+00	1.82E+00	4.52E+00	U
WG	W-2	510078	001	4/21/20	Ce-144	-3.34E+00	5.49E+00	1.74E+01	U
WG	W-2	510078	001	4/21/20	Cs-134	-2.48E-01	8.90E-01	2.78E+00	U
WG	W-2	510078	001	4/21/20	Cs-137	-1.63E+00	1.22E+00	3.41E+00	U
WG	W-2	510078	001	4/21/20	Cr-51	2.97E+00	8.33E+00	2.60E+01	U
WG	W-2	510078	001	4/21/20	Co-57	3.51E-01	6.30E-01	2.09E+00	U
WG	W-2	510078	001	4/21/20	Co-58	-2.42E-01	7.92E-01	2.46E+00	U
WG	W-2	510078	001	4/21/20	Co-60	1.92E-01	7.65E-01	2.57E+00	U
WG	W-2	510078	001	4/21/20	I-131	-3.67E+00	1.83E+00	4.96E+00	U
WG	W-2	510078	001	4/21/20	Fe-59	-1.08E+00	1.78E+00	4.81E+00	U
WG	W-2	510078	001	4/21/20	La-140	1.16E+00	1.72E+00	5.08E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-2	510078	001	4/21/20	Mn-54	3.05E-01	8.72E-01	2.83E+00	U
WG	W-2	510078	001	4/21/20	Nb-95	-5.26E-01	8.01E-01	2.41E+00	U
WG	W-2	510078	001	4/21/20	K-40	-1.89E+01	1.30E+01	3.72E+01	U
WG	W-2	510078	001	4/21/20	Ru-103	1.36E-01	8.08E-01	2.70E+00	U
WG	W-2	510078	001	4/21/20	Ru-106	-5.57E+00	6.75E+00	2.04E+01	U
WG	W-2	510078	001	4/21/20	Se-75	9.32E-01	1.31E+00	3.68E+00	U
WG	W-2	510078	001	4/21/20	Ag-108m	4.25E-01	6.55E-01	2.24E+00	U
WG	W-2	510078	001	4/21/20	Ag-110m	2.04E+00	1.51E+00	3.45E+00	U
WG	W-2	510078	001	4/21/20	Th-228	6.21E+00	3.12E+00	4.60E+00	UI
WG	W-2	510078	001	4/21/20	H-3	2.49E+02	3.66E+02	1.15E+03	U
WG	W-2	510078	001	4/21/20	Zn-65	-2.10E+00	1.88E+00	5.57E+00	U
WG	W-2	510078	001	4/21/20	Zr-95	1.16E+00	1.40E+00	4.67E+00	U
WG	W-8	510078	002	4/21/20	Ac-228	-1.67E-01	4.19E+00	1.37E+01	U
WG	W-8	510078	002	4/21/20	Sb-124	-1.70E+00	2.37E+00	7.01E+00	U
WG	W-8	510078	002	4/21/20	Sb-125	-1.04E+00	2.45E+00	7.64E+00	U
WG	W-8	510078	002	4/21/20	Ba-140	3.44E+00	5.14E+00	1.68E+01	U
WG	W-8	510078	002	4/21/20	Be-7	-8.22E+00	8.57E+00	2.52E+01	U
WG	W-8	510078	002	4/21/20	Ce-141	6.09E+00	3.45E+00	5.43E+00	UI
WG	W-8	510078	002	4/21/20	Ce-144	3.34E+00	6.42E+00	2.14E+01	U
WG	W-8	510078	002	4/21/20	Cs-134	-7.61E-01	9.44E-01	2.95E+00	U
WG	W-8	510078	002	4/21/20	Cs-137	-1.50E+00	9.31E-01	2.62E+00	U
WG	W-8	510078	002	4/21/20	Cr-51	-4.51E+00	9.40E+00	2.96E+01	U
WG	W-8	510078	002	4/21/20	Co-57	2.59E-01	8.87E-01	2.96E+00	U
WG	W-8	510078	002	4/21/20	Co-58	-7.90E-02	8.61E-01	2.88E+00	U
WG	W-8	510078	002	4/21/20	Co-60	-1.78E+00	1.18E+00	3.17E+00	U
WG	W-8	510078	002	4/21/20	I-131	-1.86E+00	1.94E+00	5.82E+00	U
WG	W-8	510078	002	4/21/20	Fe-59	-3.05E+00	2.00E+00	5.40E+00	U
WG	W-8	510078	002	4/21/20	La-140	-9.51E-01	1.59E+00	4.80E+00	U
WG	W-8	510078	002	4/21/20	Mn-54	-6.79E-01	8.11E-01	2.52E+00	U
WG	W-8	510078	002	4/21/20	Nb-95	5.05E-01	8.44E-01	2.92E+00	U
WG	W-8	510078	002	4/21/20	K-40	-1.68E+01	1.44E+01	3.97E+01	U
WG	W-8	510078	002	4/21/20	Ru-103	-7.59E-01	1.12E+00	2.97E+00	U
WG	W-8	510078	002	4/21/20	Ru-106	-4.82E+00	1.09E+01	2.62E+01	U
WG	W-8	510078	002	4/21/20	Se-75	-5.13E-01	1.19E+00	3.80E+00	U
WG	W-8	510078	002	4/21/20	Ag-108m	-1.15E+00	9.02E-01	2.57E+00	U
WG	W-8	510078	002	4/21/20	Ag-110m	3.48E-01	1.17E+00	3.99E+00	U
WG	W-8	510078	002	4/21/20	Th-228	7.38E-01	2.81E+00	6.45E+00	U
WG	W-8	510078	002	4/21/20	H-3	2.86E+02	3.68E+02	1.16E+03	U
WG	W-8	510078	002	4/21/20	Zn-65	-1.55E+00	1.88E+00	5.71E+00	U
WG	W-8	510078	002	4/21/20	Zr-95	3.48E-01	1.72E+00	5.84E+00	U
WG	W-1	516148	001	7/14/20	Ac-228	8.56E-01	6.04E+00	1.85E+01	U
WG	W-1	516148	001	7/14/20	Sb-124	1.28E+00	2.30E+00	8.06E+00	U
WG	W-1	516148	001	7/14/20	Sb-125	9.75E-01	2.66E+00	9.12E+00	U
WG	W-1	516148	001	7/14/20	Ba-140	9.49E+00	5.56E+00	1.91E+01	U
WG	W-1	516148	001	7/14/20	Be-7	-5.82E+00	9.14E+00	2.89E+01	U
WG	W-1	516148	001	7/14/20	Ce-141	2.03E+00	2.00E+00	6.57E+00	U
WG	W-1	516148	001	7/14/20	Ce-144	-2.17E+00	6.87E+00	2.19E+01	U
WG	W-1	516148	001	7/14/20	Cs-134	-4.97E-01	1.14E+00	3.47E+00	U
WG	W-1	516148	001	7/14/20	Cs-137	-4.62E-01	1.05E+00	3.26E+00	U
WG	W-1	516148	001	7/14/20	Cr-51	2.55E+00	8.49E+00	2.95E+01	U
WG	W-1	516148	001	7/14/20	Co-57	1.02E+00	8.65E-01	2.88E+00	U
WG	W-1	516148	001	7/14/20	Co-58	-1.16E+00	1.11E+00	3.05E+00	U
WG	W-1	516148	001	7/14/20	Co-60	1.26E+00	1.17E+00	4.20E+00	U
WG	W-1	516148	001	7/14/20	I-131	-3.18E-02	1.60E+00	5.41E+00	U
WG	W-1	516148	001	7/14/20	Fe-59	-1.41E+00	2.01E+00	6.17E+00	U
WG	W-1	516148	001	7/14/20	La-140	1.49E-02	1.88E+00	6.16E+00	U
WG	W-1	516148	001	7/14/20	Mn-54	-7.42E-01	9.29E-01	2.64E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-1	516148	001	7/14/20	Nb-95	7.34E-01	1.12E+00	3.77E+00	U
WG	W-1	516148	001	7/14/20	K-40	1.20E+01	1.39E+01	3.91E+01	U
WG	W-1	516148	001	7/14/20	Ru-103	-5.18E-01	1.07E+00	3.00E+00	U
WG	W-1	516148	001	7/14/20	Ru-106	-7.65E+00	1.09E+01	3.00E+01	U
WG	W-1	516148	001	7/14/20	Se-75	1.90E+00	1.52E+00	4.90E+00	U
WG	W-1	516148	001	7/14/20	Ag-108m	1.97E-01	8.70E-01	2.96E+00	U
WG	W-1	516148	001	7/14/20	Ag-110m	-9.66E-01	1.16E+00	3.21E+00	U
WG	W-1	516148	001	7/14/20	Th-228	5.26E-01	2.64E+00	8.05E+00	U
WG	W-1	516148	001	7/14/20	H-3	-5.03E+02	3.05E+02	1.07E+03	U
WG	W-1	516148	001	7/14/20	Zn-65	4.19E-01	1.85E+00	6.20E+00	U
WG	W-1	516148	001	7/14/20	Zr-95	-1.74E+00	1.45E+00	3.71E+00	U
WG	W-2	516148	002	7/14/20	Ac-228	4.94E+00	6.33E+00	1.66E+01	U
WG	W-2	516148	002	7/14/20	Sb-124	-2.04E+00	2.18E+00	5.79E+00	U
WG	W-2	516148	002	7/14/20	Sb-125	6.87E+00	3.73E+00	8.56E+00	U
WG	W-2	516148	002	7/14/20	Ba-140	-1.43E+00	5.67E+00	1.65E+01	U
WG	W-2	516148	002	7/14/20	Be-7	-2.94E+00	6.63E+00	2.13E+01	U
WG	W-2	516148	002	7/14/20	Ce-141	-2.38E+00	1.74E+00	4.93E+00	U
WG	W-2	516148	002	7/14/20	Ce-144	2.87E+00	5.98E+00	1.98E+01	U
WG	W-2	516148	002	7/14/20	Cs-134	-1.46E+00	9.80E-01	2.34E+00	U
WG	W-2	516148	002	7/14/20	Cs-137	-2.15E-01	7.97E-01	2.53E+00	U
WG	W-2	516148	002	7/14/20	Cr-51	2.41E+00	8.74E+00	3.04E+01	U
WG	W-2	516148	002	7/14/20	Co-57	-4.11E-01	8.16E-01	2.57E+00	U
WG	W-2	516148	002	7/14/20	Co-58	-6.71E-03	9.10E-01	2.95E+00	U
WG	W-2	516148	002	7/14/20	Co-60	-1.47E+00	1.42E+00	4.59E+00	U
WG	W-2	516148	002	7/14/20	I-131	2.84E-01	1.54E+00	5.29E+00	U
WG	W-2	516148	002	7/14/20	Fe-59	3.60E+00	2.09E+00	7.46E+00	U
WG	W-2	516148	002	7/14/20	La-140	-7.26E-01	1.71E+00	5.32E+00	U
WG	W-2	516148	002	7/14/20	Mn-54	3.48E-01	1.15E+00	3.64E+00	U
WG	W-2	516148	002	7/14/20	Nb-95	-9.36E-01	1.07E+00	3.11E+00	U
WG	W-2	516148	002	7/14/20	K-40	-1.17E+01	1.35E+01	5.01E+01	U
WG	W-2	516148	002	7/14/20	Ru-103	1.87E-01	1.01E+00	3.11E+00	U
WG	W-2	516148	002	7/14/20	Ru-106	8.18E+00	8.10E+00	2.85E+01	U
WG	W-2	516148	002	7/14/20	Se-75	-1.13E+00	1.38E+00	4.00E+00	U
WG	W-2	516148	002	7/14/20	Ag-108m	8.78E-02	8.73E-01	2.97E+00	U
WG	W-2	516148	002	7/14/20	Ag-110m	3.07E-01	1.33E+00	4.38E+00	U
WG	W-2	516148	002	7/14/20	Th-228	2.31E+00	3.44E+00	8.07E+00	U
WG	W-2	516148	002	7/14/20	H-3	-2.61E+01	1.97E+02	6.51E+02	U
WG	W-2	516148	002	7/14/20	Zn-65	1.82E+00	1.79E+00	6.35E+00	U
WG	W-2	516148	002	7/14/20	Zr-95	-7.23E-01	1.41E+00	4.27E+00	U
WG	W-3	516148	003	7/15/20	Ac-228	9.27E+00	6.72E+00	2.22E+01	U
WG	W-3	516148	003	7/15/20	Sb-124	-2.20E+00	3.48E+00	1.06E+01	U
WG	W-3	516148	003	7/15/20	Sb-125	-4.64E-01	3.52E+00	1.16E+01	U
WG	W-3	516148	003	7/15/20	Ba-140	4.18E+00	6.37E+00	2.18E+01	U
WG	W-3	516148	003	7/15/20	Be-7	-1.83E+01	1.15E+01	3.02E+01	U
WG	W-3	516148	003	7/15/20	Ce-141	-2.68E+00	2.27E+00	6.61E+00	U
WG	W-3	516148	003	7/15/20	Ce-144	-6.74E+00	8.53E+00	2.62E+01	U
WG	W-3	516148	003	7/15/20	Cs-134	1.81E+00	1.47E+00	5.10E+00	U
WG	W-3	516148	003	7/15/20	Cs-137	-1.34E+00	1.47E+00	4.21E+00	U
WG	W-3	516148	003	7/15/20	Cr-51	4.23E+00	1.15E+01	3.98E+01	U
WG	W-3	516148	003	7/15/20	Co-57	-2.04E+00	1.25E+00	3.47E+00	U
WG	W-3	516148	003	7/15/20	Co-58	1.57E+00	1.28E+00	4.45E+00	U
WG	W-3	516148	003	7/15/20	Co-60	-5.60E-01	1.40E+00	4.27E+00	U
WG	W-3	516148	003	7/15/20	I-131	1.52E+00	2.14E+00	7.44E+00	U
WG	W-3	516148	003	7/15/20	Fe-59	-6.89E+00	3.34E+00	6.89E+00	U
WG	W-3	516148	003	7/15/20	La-140	-2.10E+00	1.89E+00	4.38E+00	U
WG	W-3	516148	003	7/15/20	Mn-54	-3.90E-01	1.32E+00	3.77E+00	U
WG	W-3	516148	003	7/15/20	Nb-95	7.21E-01	1.22E+00	4.10E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-3	516148	003	7/15/20	K-40	-1.36E+01	2.16E+01	7.34E+01	U
WG	W-3	516148	003	7/15/20	Ru-103	1.71E+00	1.41E+00	4.55E+00	U
WG	W-3	516148	003	7/15/20	Ru-106	3.73E+00	1.26E+01	4.17E+01	U
WG	W-3	516148	003	7/15/20	Se-75	3.37E-01	1.72E+00	5.40E+00	U
WG	W-3	516148	003	7/15/20	Ag-108m	6.88E-01	1.04E+00	3.62E+00	U
WG	W-3	516148	003	7/15/20	Ag-110m	2.74E-02	1.90E+00	6.44E+00	U
WG	W-3	516148	003	7/15/20	Th-228	-2.59E+00	3.08E+00	8.75E+00	U
WG	W-3	516148	003	7/15/20	H-3	-8.28E+01	1.85E+02	6.20E+02	U
WG	W-3	516148	003	7/15/20	Zn-65	-2.26E+00	3.10E+00	9.31E+00	U
WG	W-3	516148	003	7/15/20	Zr-95	6.83E+00	5.92E+00	9.10E+00	U
WG	W-4	516148	004	7/15/20	Ac-228	9.91E+00	6.09E+00	1.38E+01	U
WG	W-4	516148	004	7/15/20	Sb-124	5.14E-01	3.26E+00	1.12E+01	U
WG	W-4	516148	004	7/15/20	Sb-125	-2.69E+00	3.30E+00	1.00E+01	U
WG	W-4	516148	004	7/15/20	Ba-140	-6.28E+00	5.88E+00	1.68E+01	U
WG	W-4	516148	004	7/15/20	Be-7	-7.78E+00	1.09E+01	3.32E+01	U
WG	W-4	516148	004	7/15/20	Ce-141	-6.02E-01	2.51E+00	8.43E+00	U
WG	W-4	516148	004	7/15/20	Ce-144	2.80E+00	1.00E+01	3.10E+01	U
WG	W-4	516148	004	7/15/20	Cs-134	1.54E+00	1.99E+00	4.53E+00	U
WG	W-4	516148	004	7/15/20	Cs-137	-3.04E-01	1.53E+00	4.71E+00	U
WG	W-4	516148	004	7/15/20	Cr-51	-3.37E+00	1.15E+01	3.74E+01	U
WG	W-4	516148	004	7/15/20	Co-57	-8.72E-01	1.14E+00	3.69E+00	U
WG	W-4	516148	004	7/15/20	Co-58	5.87E-01	1.16E+00	3.95E+00	U
WG	W-4	516148	004	7/15/20	Co-60	-2.92E+00	1.88E+00	5.74E+00	U
WG	W-4	516148	004	7/15/20	I-131	-1.79E+00	2.26E+00	6.99E+00	U
WG	W-4	516148	004	7/15/20	Fe-59	-3.55E+00	3.04E+00	7.91E+00	U
WG	W-4	516148	004	7/15/20	La-140	-1.74E-01	2.11E+00	7.07E+00	U
WG	W-4	516148	004	7/15/20	Mn-54	-9.18E-01	1.43E+00	4.29E+00	U
WG	W-4	516148	004	7/15/20	Nb-95	1.10E+00	1.43E+00	4.90E+00	U
WG	W-4	516148	004	7/15/20	K-40	5.50E+00	2.44E+01	3.66E+01	U
WG	W-4	516148	004	7/15/20	Ru-103	-2.70E+00	1.50E+00	3.74E+00	U
WG	W-4	516148	004	7/15/20	Ru-106	-5.80E+00	1.34E+01	4.21E+01	U
WG	W-4	516148	004	7/15/20	Se-75	-3.48E-01	2.01E+00	6.68E+00	U
WG	W-4	516148	004	7/15/20	Ag-108m	-1.31E+00	1.09E+00	3.09E+00	U
WG	W-4	516148	004	7/15/20	Ag-110m	1.70E+00	2.01E+00	6.90E+00	U
WG	W-4	516148	004	7/15/20	Th-228	-3.08E+00	3.20E+00	9.64E+00	U
WG	W-4	516148	004	7/15/20	H-3	1.86E+02	1.98E+02	6.25E+02	U
WG	W-4	516148	004	7/15/20	Zn-65	-3.28E+00	3.66E+00	8.65E+00	U
WG	W-4	516148	004	7/15/20	Zr-95	-2.92E+00	1.76E+00	3.60E+00	U
WG	W-5	516148	005	7/15/20	Ac-228	6.78E+00	6.36E+00	2.24E+01	U
WG	W-5	516148	005	7/15/20	Sb-124	-1.28E-01	3.60E+00	1.17E+01	U
WG	W-5	516148	005	7/15/20	Sb-125	3.81E+00	3.49E+00	1.22E+01	U
WG	W-5	516148	005	7/15/20	Ba-140	2.97E+00	6.04E+00	2.07E+01	U
WG	W-5	516148	005	7/15/20	Be-7	-1.08E+01	9.94E+00	2.87E+01	U
WG	W-5	516148	005	7/15/20	Ce-141	-6.16E-01	2.32E+00	7.31E+00	U
WG	W-5	516148	005	7/15/20	Ce-144	-1.40E+01	1.06E+01	3.01E+01	U
WG	W-5	516148	005	7/15/20	Cs-134	1.22E+00	1.34E+00	4.69E+00	U
WG	W-5	516148	005	7/15/20	Cs-137	1.12E+00	1.62E+00	5.05E+00	U
WG	W-5	516148	005	7/15/20	Cr-51	2.18E+00	1.22E+01	4.20E+01	U
WG	W-5	516148	005	7/15/20	Co-57	-1.32E+00	1.36E+00	4.06E+00	U
WG	W-5	516148	005	7/15/20	Co-58	1.67E+00	1.25E+00	4.20E+00	U
WG	W-5	516148	005	7/15/20	Co-60	2.45E+00	1.98E+00	5.38E+00	U
WG	W-5	516148	005	7/15/20	I-131	-1.93E+00	2.14E+00	6.64E+00	U
WG	W-5	516148	005	7/15/20	Fe-59	-1.66E+00	2.74E+00	8.55E+00	U
WG	W-5	516148	005	7/15/20	La-140	1.29E+00	1.86E+00	6.75E+00	U
WG	W-5	516148	005	7/15/20	Mn-54	7.25E-01	1.35E+00	4.55E+00	U
WG	W-5	516148	005	7/15/20	Nb-95	5.19E-01	1.39E+00	4.65E+00	U
WG	W-5	516148	005	7/15/20	K-40	-1.19E+01	2.01E+01	7.35E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-5	516148	005	7/15/20	Ru-103	-4.38E-01	1.39E+00	4.50E+00	U
WG	W-5	516148	005	7/15/20	Ru-106	7.73E+00	1.17E+01	4.01E+01	U
WG	W-5	516148	005	7/15/20	Se-75	-5.18E-01	1.75E+00	5.90E+00	U
WG	W-5	516148	005	7/15/20	Ag-108m	-6.95E-01	1.23E+00	3.91E+00	U
WG	W-5	516148	005	7/15/20	Ag-110m	5.72E+00	2.24E+00	7.61E+00	U
WG	W-5	516148	005	7/15/20	Th-228	1.10E+01	6.04E+00	1.09E+01	UI
WG	W-5	516148	005	7/15/20	H-3	6.18E+02	2.28E+02	6.42E+02	U
WG	W-5	516148	005	7/15/20	Zn-65	4.29E+00	2.94E+00	1.02E+01	U
WG	W-5	516148	005	7/15/20	Zr-95	-9.75E-01	2.54E+00	7.87E+00	U
WG	W-6	516148	006	7/15/20	Ac-228	-2.88E+00	5.76E+00	1.85E+01	U
WG	W-6	516148	006	7/15/20	Sb-124	-5.23E-01	2.75E+00	9.00E+00	U
WG	W-6	516148	006	7/15/20	Sb-125	-1.23E+00	3.14E+00	1.01E+01	U
WG	W-6	516148	006	7/15/20	Ba-140	9.87E+00	6.71E+00	2.32E+01	U
WG	W-6	516148	006	7/15/20	Be-7	1.69E+01	1.03E+01	3.60E+01	U
WG	W-6	516148	006	7/15/20	Ce-141	6.38E+00	4.86E+00	6.47E+00	U
WG	W-6	516148	006	7/15/20	Ce-144	3.94E-01	7.65E+00	2.51E+01	U
WG	W-6	516148	006	7/15/20	Cs-134	-1.06E+00	1.49E+00	4.29E+00	U
WG	W-6	516148	006	7/15/20	Cs-137	-3.46E-01	1.31E+00	4.10E+00	U
WG	W-6	516148	006	7/15/20	Cr-51	-2.39E+01	1.23E+01	3.26E+01	U
WG	W-6	516148	006	7/15/20	Co-57	1.54E+00	1.11E+00	3.68E+00	U
WG	W-6	516148	006	7/15/20	Co-58	-4.96E-01	1.09E+00	3.21E+00	U
WG	W-6	516148	006	7/15/20	Co-60	-3.07E-01	1.00E+00	3.07E+00	U
WG	W-6	516148	006	7/15/20	I-131	5.88E-01	1.78E+00	6.14E+00	U
WG	W-6	516148	006	7/15/20	Fe-59	2.19E+00	2.24E+00	8.15E+00	U
WG	W-6	516148	006	7/15/20	La-140	3.80E+00	2.19E+00	8.22E+00	U
WG	W-6	516148	006	7/15/20	Mn-54	-1.16E+00	1.23E+00	3.69E+00	U
WG	W-6	516148	006	7/15/20	Nb-95	-1.42E+00	1.33E+00	3.60E+00	U
WG	W-6	516148	006	7/15/20	K-40	-1.06E+01	1.90E+01	6.02E+01	U
WG	W-6	516148	006	7/15/20	Ru-103	-3.06E-01	1.20E+00	3.88E+00	U
WG	W-6	516148	006	7/15/20	Ru-106	1.21E+01	8.92E+00	3.03E+01	U
WG	W-6	516148	006	7/15/20	Se-75	1.95E+00	1.78E+00	5.75E+00	U
WG	W-6	516148	006	7/15/20	Ag-108m	3.70E-01	1.09E+00	3.37E+00	U
WG	W-6	516148	006	7/15/20	Ag-110m	2.18E-02	1.81E+00	6.14E+00	U
WG	W-6	516148	006	7/15/20	Th-228	-8.20E+00	3.63E+00	8.08E+00	U
WG	W-6	516148	006	7/15/20	H-3	1.88E+02	2.06E+02	6.48E+02	U
WG	W-6	516148	006	7/15/20	Zn-65	9.43E-01	2.63E+00	8.13E+00	U
WG	W-6	516148	006	7/15/20	Zr-95	-1.51E+00	2.26E+00	6.57E+00	U
WG	W-7	516148	007	7/14/20	Ac-228	-3.67E+00	4.92E+00	1.41E+01	U
WG	W-7	516148	007	7/14/20	Sb-124	1.33E+00	2.44E+00	8.70E+00	U
WG	W-7	516148	007	7/14/20	Sb-125	-2.86E+00	3.23E+00	9.86E+00	U
WG	W-7	516148	007	7/14/20	Ba-140	1.33E+00	5.48E+00	1.84E+01	U
WG	W-7	516148	007	7/14/20	Be-7	8.03E+00	9.03E+00	3.14E+01	U
WG	W-7	516148	007	7/14/20	Ce-141	6.42E-01	2.30E+00	7.35E+00	U
WG	W-7	516148	007	7/14/20	Ce-144	-8.65E+00	7.64E+00	2.18E+01	U
WG	W-7	516148	007	7/14/20	Cs-134	-1.29E+00	1.49E+00	4.27E+00	U
WG	W-7	516148	007	7/14/20	Cs-137	-2.94E-01	1.11E+00	3.51E+00	U
WG	W-7	516148	007	7/14/20	Cr-51	1.14E+01	1.09E+01	3.79E+01	U
WG	W-7	516148	007	7/14/20	Co-57	2.50E-01	1.05E+00	3.36E+00	U
WG	W-7	516148	007	7/14/20	Co-58	6.41E-01	9.60E-01	3.31E+00	U
WG	W-7	516148	007	7/14/20	Co-60	4.06E-01	1.15E+00	4.00E+00	U
WG	W-7	516148	007	7/14/20	I-131	6.05E-01	1.90E+00	6.50E+00	U
WG	W-7	516148	007	7/14/20	Fe-59	-1.21E+00	1.88E+00	5.72E+00	U
WG	W-7	516148	007	7/14/20	La-140	-5.77E-01	1.90E+00	5.95E+00	U
WG	W-7	516148	007	7/14/20	Mn-54	1.72E-01	9.91E-01	3.24E+00	U
WG	W-7	516148	007	7/14/20	Nb-95	-1.26E+00	1.31E+00	3.71E+00	U
WG	W-7	516148	007	7/14/20	K-40	1.79E+01	2.70E+01	4.65E+01	U
WG	W-7	516148	007	7/14/20	Ru-103	-1.67E+00	1.33E+00	3.79E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-7	516148	007	7/14/20	Ru-106	-1.72E+01	1.03E+01	2.48E+01	U
WG	W-7	516148	007	7/14/20	Se-75	3.55E+00	3.22E+00	6.02E+00	U
WG	W-7	516148	007	7/14/20	Ag-108m	-4.74E-01	8.75E-01	2.76E+00	U
WG	W-7	516148	007	7/14/20	Ag-110m	-6.07E-01	1.62E+00	4.91E+00	U
WG	W-7	516148	007	7/14/20	Th-228	8.84E-01	4.00E+00	9.26E+00	U
WG	W-7	516148	007	7/14/20	H-3	-1.87E+02	1.83E+02	6.28E+02	U
WG	W-7	516148	007	7/14/20	Zn-65	2.75E+00	3.63E+00	7.10E+00	U
WG	W-7	516148	007	7/14/20	Zr-95	1.42E+00	1.91E+00	6.57E+00	U
WG	W-8	516148	008	7/14/20	Ac-228	-1.03E+01	5.48E+00	1.34E+01	U
WG	W-8	516148	008	7/14/20	Sb-124	1.59E+00	3.07E+00	1.06E+01	U
WG	W-8	516148	008	7/14/20	Sb-125	-5.75E-01	3.34E+00	1.05E+01	U
WG	W-8	516148	008	7/14/20	Ba-140	4.36E+00	6.43E+00	2.13E+01	U
WG	W-8	516148	008	7/14/20	Be-7	-3.37E+00	1.13E+01	3.50E+01	U
WG	W-8	516148	008	7/14/20	Ce-141	-2.75E+00	2.37E+00	7.16E+00	U
WG	W-8	516148	008	7/14/20	Ce-144	-1.06E+01	1.06E+01	2.90E+01	U
WG	W-8	516148	008	7/14/20	Cs-134	3.31E-01	1.47E+00	4.48E+00	U
WG	W-8	516148	008	7/14/20	Cs-137	8.67E-01	1.36E+00	4.76E+00	U
WG	W-8	516148	008	7/14/20	Cr-51	-5.00E+00	1.14E+01	3.57E+01	U
WG	W-8	516148	008	7/14/20	Co-57	1.08E+00	1.27E+00	4.28E+00	U
WG	W-8	516148	008	7/14/20	Co-58	1.32E-01	1.13E+00	3.59E+00	U
WG	W-8	516148	008	7/14/20	Co-60	-9.73E-01	1.35E+00	3.95E+00	U
WG	W-8	516148	008	7/14/20	I-131	-1.79E+00	2.32E+00	6.98E+00	U
WG	W-8	516148	008	7/14/20	Fe-59	3.75E+00	2.91E+00	1.03E+01	U
WG	W-8	516148	008	7/14/20	La-140	-3.39E-01	2.24E+00	7.16E+00	U
WG	W-8	516148	008	7/14/20	Mn-54	-1.19E+00	1.28E+00	3.83E+00	U
WG	W-8	516148	008	7/14/20	Nb-95	1.60E+00	1.50E+00	5.02E+00	U
WG	W-8	516148	008	7/14/20	K-40	-2.42E+01	1.83E+01	5.65E+01	U
WG	W-8	516148	008	7/14/20	Ru-103	1.77E-01	1.29E+00	4.15E+00	U
WG	W-8	516148	008	7/14/20	Ru-106	4.98E+00	1.07E+01	3.73E+01	U
WG	W-8	516148	008	7/14/20	Se-75	2.30E-01	1.81E+00	5.91E+00	U
WG	W-8	516148	008	7/14/20	Ag-108m	9.45E-01	1.18E+00	3.92E+00	U
WG	W-8	516148	008	7/14/20	Ag-110m	2.06E+00	1.68E+00	6.01E+00	U
WG	W-8	516148	008	7/14/20	Th-228	-4.19E+00	3.00E+00	8.44E+00	U
WG	W-8	516148	008	7/14/20	H-3	4.36E+01	1.97E+02	6.43E+02	U
WG	W-8	516148	008	7/14/20	Zn-65	4.14E+00	2.65E+00	9.07E+00	U
WG	W-8	516148	008	7/14/20	Zr-95	2.23E+00	2.29E+00	8.12E+00	U
WG	W-9	516148	009	7/14/20	Ac-228	-1.08E+01	6.17E+00	1.49E+01	U
WG	W-9	516148	009	7/14/20	Sb-124	-3.61E+00	2.35E+00	4.08E+00	U
WG	W-9	516148	009	7/14/20	Sb-125	-3.56E-01	3.30E+00	1.10E+01	U
WG	W-9	516148	009	7/14/20	Ba-140	-2.66E+00	6.45E+00	1.81E+01	U
WG	W-9	516148	009	7/14/20	Be-7	9.95E+00	1.13E+01	3.89E+01	U
WG	W-9	516148	009	7/14/20	Ce-141	-4.16E-01	2.71E+00	7.61E+00	U
WG	W-9	516148	009	7/14/20	Ce-144	-3.74E+00	8.86E+00	2.77E+01	U
WG	W-9	516148	009	7/14/20	Cs-134	2.57E+00	2.07E+00	4.70E+00	U
WG	W-9	516148	009	7/14/20	Cs-137	-3.39E-01	1.29E+00	4.08E+00	U
WG	W-9	516148	009	7/14/20	Cr-51	5.02E+00	1.05E+01	3.65E+01	U
WG	W-9	516148	009	7/14/20	Co-57	-2.10E+00	1.40E+00	3.95E+00	U
WG	W-9	516148	009	7/14/20	Co-58	5.58E-01	1.39E+00	4.60E+00	U
WG	W-9	516148	009	7/14/20	Co-60	1.83E-01	1.29E+00	4.36E+00	U
WG	W-9	516148	009	7/14/20	I-131	-2.15E+00	2.05E+00	6.25E+00	U
WG	W-9	516148	009	7/14/20	Fe-59	-5.96E-01	2.09E+00	6.82E+00	U
WG	W-9	516148	009	7/14/20	La-140	-2.25E+00	2.06E+00	5.39E+00	U
WG	W-9	516148	009	7/14/20	Mn-54	1.75E-01	1.19E+00	3.46E+00	U
WG	W-9	516148	009	7/14/20	Nb-95	7.45E-02	1.15E+00	3.77E+00	U
WG	W-9	516148	009	7/14/20	K-40	8.86E-01	1.80E+01	6.28E+01	U
WG	W-9	516148	009	7/14/20	Ru-103	3.79E-01	1.16E+00	3.94E+00	U
WG	W-9	516148	009	7/14/20	Ru-106	1.81E+01	1.29E+01	4.29E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-9	516148	009	7/14/20	Se-75	-1.53E+00	1.56E+00	4.94E+00	U
WG	W-9	516148	009	7/14/20	Ag-108m	7.37E-02	9.44E-01	3.17E+00	U
WG	W-9	516148	009	7/14/20	Ag-110m	-1.42E-01	1.42E+00	4.47E+00	U
WG	W-9	516148	009	7/14/20	Th-228	1.41E+00	5.31E+00	1.35E+01	U
WG	W-9	516148	009	7/14/20	H-3	-6.64E+01	1.92E+02	6.39E+02	U
WG	W-9	516148	009	7/14/20	Zn-65	5.59E-01	2.19E+00	7.62E+00	U
WG	W-9	516148	009	7/14/20	Zr-95	-1.93E+00	2.48E+00	7.30E+00	U
WG	W-10	516148	010	7/14/20	Ac-228	5.26E+00	8.60E+00	3.09E+01	U
WG	W-10	516148	010	7/14/20	Sb-124	-3.49E+00	4.20E+00	1.09E+01	U
WG	W-10	516148	010	7/14/20	Sb-125	-2.91E+00	4.18E+00	1.32E+01	U
WG	W-10	516148	010	7/14/20	Ba-140	-3.19E+00	7.69E+00	2.46E+01	U
WG	W-10	516148	010	7/14/20	Be-7	1.15E+00	1.04E+01	3.56E+01	U
WG	W-10	516148	010	7/14/20	Ce-141	-1.64E+00	2.72E+00	8.64E+00	U
WG	W-10	516148	010	7/14/20	Ce-144	-3.99E+00	1.09E+01	3.54E+01	U
WG	W-10	516148	010	7/14/20	Cs-134	-3.42E-01	1.84E+00	5.82E+00	U
WG	W-10	516148	010	7/14/20	Cs-137	7.95E-01	1.80E+00	6.19E+00	U
WG	W-10	516148	010	7/14/20	Cr-51	1.11E+01	1.49E+01	4.91E+01	U
WG	W-10	516148	010	7/14/20	Co-57	1.29E+00	1.43E+00	4.88E+00	U
WG	W-10	516148	010	7/14/20	Co-58	5.22E-01	1.33E+00	4.58E+00	U
WG	W-10	516148	010	7/14/20	Co-60	1.16E+00	1.46E+00	5.50E+00	U
WG	W-10	516148	010	7/14/20	I-131	-3.68E+00	3.61E+00	9.93E+00	U
WG	W-10	516148	010	7/14/20	Fe-59	-2.20E+00	3.92E+00	1.04E+01	U
WG	W-10	516148	010	7/14/20	La-140	3.42E-01	2.24E+00	7.64E+00	U
WG	W-10	516148	010	7/14/20	Mn-54	5.39E-01	1.52E+00	4.69E+00	U
WG	W-10	516148	010	7/14/20	Nb-95	1.87E+00	1.82E+00	6.45E+00	U
WG	W-10	516148	010	7/14/20	K-40	-6.00E+00	2.86E+01	1.05E+02	U
WG	W-10	516148	010	7/14/20	Ru-103	-2.73E+00	1.86E+00	5.06E+00	U
WG	W-10	516148	010	7/14/20	Ru-106	-1.46E+01	1.46E+01	4.17E+01	U
WG	W-10	516148	010	7/14/20	Se-75	-2.31E-01	2.08E+00	6.56E+00	U
WG	W-10	516148	010	7/14/20	Ag-108m	1.28E+00	1.53E+00	5.41E+00	U
WG	W-10	516148	010	7/14/20	Ag-110m	2.98E+00	2.33E+00	8.44E+00	U
WG	W-10	516148	010	7/14/20	Th-228	5.84E+00	5.88E+00	1.35E+01	U
WG	W-10	516148	010	7/14/20	H-3	-1.16E+02	1.84E+02	6.22E+02	U
WG	W-10	516148	010	7/14/20	Zn-65	-5.74E+00	3.71E+00	1.04E+01	U
WG	W-10	516148	010	7/14/20	Zr-95	3.26E+00	3.73E+00	8.02E+00	U
WG	W-11	516148	011	7/14/20	Ac-228	-7.96E+00	4.90E+00	1.34E+01	U
WG	W-11	516148	011	7/14/20	Sb-124	5.45E-01	1.94E+00	6.74E+00	U
WG	W-11	516148	011	7/14/20	Sb-125	2.84E+00	3.03E+00	1.05E+01	U
WG	W-11	516148	011	7/14/20	Ba-140	4.21E+00	4.92E+00	1.71E+01	U
WG	W-11	516148	011	7/14/20	Be-7	3.77E+00	9.02E+00	3.10E+01	U
WG	W-11	516148	011	7/14/20	Ce-141	-1.65E+00	2.11E+00	6.43E+00	U
WG	W-11	516148	011	7/14/20	Ce-144	-1.62E-01	7.37E+00	2.36E+01	U
WG	W-11	516148	011	7/14/20	Cs-134	7.22E-01	1.15E+00	3.91E+00	U
WG	W-11	516148	011	7/14/20	Cs-137	8.61E-01	1.25E+00	3.81E+00	U
WG	W-11	516148	011	7/14/20	Cr-51	9.80E+00	9.76E+00	3.41E+01	U
WG	W-11	516148	011	7/14/20	Co-57	8.87E-01	9.55E-01	3.13E+00	U
WG	W-11	516148	011	7/14/20	Co-58	-3.34E-01	1.01E+00	3.16E+00	U
WG	W-11	516148	011	7/14/20	Co-60	1.71E+00	1.42E+00	4.44E+00	U
WG	W-11	516148	011	7/14/20	I-131	9.31E-01	1.81E+00	6.27E+00	U
WG	W-11	516148	011	7/14/20	Fe-59	-5.38E-01	1.82E+00	5.58E+00	U
WG	W-11	516148	011	7/14/20	La-140	2.18E+00	1.73E+00	6.39E+00	U
WG	W-11	516148	011	7/14/20	Mn-54	-2.02E-01	9.84E-01	3.14E+00	U
WG	W-11	516148	011	7/14/20	Nb-95	3.24E+00	1.21E+00	2.62E+00	UI
WG	W-11	516148	011	7/14/20	K-40	3.85E+01	1.86E+01	2.76E+01	UI
WG	W-11	516148	011	7/14/20	Ru-103	-7.41E-01	1.19E+00	3.61E+00	U
WG	W-11	516148	011	7/14/20	Ru-106	-2.76E+00	8.82E+00	2.84E+01	U
WG	W-11	516148	011	7/14/20	Se-75	1.15E+00	1.50E+00	4.81E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-11	516148	011	7/14/20	Ag-108m	-1.56E-01	8.54E-01	2.85E+00	U
WG	W-11	516148	011	7/14/20	Ag-110m	-1.08E+00	1.44E+00	4.25E+00	U
WG	W-11	516148	011	7/14/20	Th-228	6.42E-02	3.36E+00	6.77E+00	U
WG	W-11	516148	011	7/14/20	H-3	-2.26E+02	3.30E+02	1.13E+03	U
WG	W-11	516148	011	7/14/20	Zn-65	-5.14E-01	2.01E+00	6.20E+00	U
WG	W-11	516148	011	7/14/20	Zr-95	-1.45E+00	1.68E+00	4.89E+00	U
WG	W-12	516148	012	7/14/20	Ac-228	-2.41E+00	5.20E+00	1.71E+01	U
WG	W-12	516148	012	7/14/20	Sb-124	-1.94E+00	3.40E+00	1.01E+01	U
WG	W-12	516148	012	7/14/20	Sb-125	9.20E+00	4.87E+00	1.19E+01	U
WG	W-12	516148	012	7/14/20	Ba-140	1.00E+01	7.22E+00	2.33E+01	U
WG	W-12	516148	012	7/14/20	Be-7	-1.07E+00	1.07E+01	3.56E+01	U
WG	W-12	516148	012	7/14/20	Ce-141	-2.34E+00	2.45E+00	7.40E+00	U
WG	W-12	516148	012	7/14/20	Ce-144	8.03E-01	9.11E+00	2.98E+01	U
WG	W-12	516148	012	7/14/20	Cs-134	-1.19E+00	1.64E+00	4.90E+00	U
WG	W-12	516148	012	7/14/20	Cs-137	8.03E-01	1.42E+00	4.86E+00	U
WG	W-12	516148	012	7/14/20	Cr-51	1.07E+00	1.30E+01	4.50E+01	U
WG	W-12	516148	012	7/14/20	Co-57	-3.44E-01	1.12E+00	3.60E+00	U
WG	W-12	516148	012	7/14/20	Co-58	-7.50E-01	1.19E+00	3.52E+00	U
WG	W-12	516148	012	7/14/20	Co-60	2.92E+00	1.58E+00	5.81E+00	U
WG	W-12	516148	012	7/14/20	I-131	1.50E+00	2.10E+00	7.38E+00	U
WG	W-12	516148	012	7/14/20	Fe-59	-6.10E-01	2.30E+00	6.96E+00	U
WG	W-12	516148	012	7/14/20	La-140	-5.42E+00	2.84E+00	4.21E+00	U
WG	W-12	516148	012	7/14/20	Mn-54	1.47E+00	1.19E+00	4.21E+00	U
WG	W-12	516148	012	7/14/20	Nb-95	2.50E+00	2.05E+00	2.85E+00	U
WG	W-12	516148	012	7/14/20	K-40	2.34E+01	1.99E+01	4.71E+01	U
WG	W-12	516148	012	7/14/20	Ru-103	-1.06E+00	1.18E+00	3.05E+00	U
WG	W-12	516148	012	7/14/20	Ru-106	-8.19E+00	1.14E+01	3.49E+01	U
WG	W-12	516148	012	7/14/20	Se-75	-5.37E-01	1.99E+00	6.14E+00	U
WG	W-12	516148	012	7/14/20	Ag-108m	-1.75E+00	1.14E+00	3.15E+00	U
WG	W-12	516148	012	7/14/20	Ag-110m	4.23E+00	1.92E+00	6.70E+00	U
WG	W-12	516148	012	7/14/20	Th-228	2.44E+00	5.36E+00	1.31E+01	U
WG	W-12	516148	012	7/14/20	H-3	-2.78E+01	2.13E+02	7.07E+02	U
WG	W-12	516148	012	7/14/20	Zn-65	3.45E+00	2.62E+00	9.14E+00	U
WG	W-12	516148	012	7/14/20	Zr-95	-1.73E+00	2.01E+00	5.70E+00	U
WG	W-13	516148	013	7/14/20	Ac-228	2.46E-01	6.12E+00	1.58E+01	U
WG	W-13	516148	013	7/14/20	Sb-124	-5.02E+00	3.75E+00	9.50E+00	U
WG	W-13	516148	013	7/14/20	Sb-125	-8.54E-01	3.68E+00	1.03E+01	U
WG	W-13	516148	013	7/14/20	Ba-140	2.03E+00	5.86E+00	1.91E+01	U
WG	W-13	516148	013	7/14/20	Be-7	2.01E+01	1.25E+01	4.15E+01	U
WG	W-13	516148	013	7/14/20	Ce-141	1.20E+00	2.44E+00	8.40E+00	U
WG	W-13	516148	013	7/14/20	Ce-144	6.82E+00	8.69E+00	2.75E+01	U
WG	W-13	516148	013	7/14/20	Cs-134	1.24E+00	1.41E+00	4.92E+00	U
WG	W-13	516148	013	7/14/20	Cs-137	5.88E-01	1.18E+00	4.11E+00	U
WG	W-13	516148	013	7/14/20	Cr-51	1.45E+01	1.11E+01	3.76E+01	U
WG	W-13	516148	013	7/14/20	Co-57	-2.33E+00	1.29E+00	3.58E+00	U
WG	W-13	516148	013	7/14/20	Co-58	-1.18E+00	1.22E+00	3.55E+00	U
WG	W-13	516148	013	7/14/20	Co-60	-8.60E-02	1.24E+00	4.13E+00	U
WG	W-13	516148	013	7/14/20	I-131	1.25E+00	2.13E+00	7.14E+00	U
WG	W-13	516148	013	7/14/20	Fe-59	2.80E+00	3.04E+00	9.61E+00	U
WG	W-13	516148	013	7/14/20	La-140	-4.07E+00	2.64E+00	6.44E+00	U
WG	W-13	516148	013	7/14/20	Mn-54	-7.50E-01	1.05E+00	2.61E+00	U
WG	W-13	516148	013	7/14/20	Nb-95	8.12E-01	1.45E+00	4.99E+00	U
WG	W-13	516148	013	7/14/20	K-40	5.25E+01	1.87E+01	4.79E+01	UI
WG	W-13	516148	013	7/14/20	Ru-103	-1.21E+00	1.50E+00	4.41E+00	U
WG	W-13	516148	013	7/14/20	Ru-106	-9.83E+00	9.39E+00	2.76E+01	U
WG	W-13	516148	013	7/14/20	Se-75	-2.78E+00	1.81E+00	5.08E+00	U
WG	W-13	516148	013	7/14/20	Ag-108m	-9.13E-01	1.07E+00	3.13E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-13	516148	013	7/14/20	Ag-110m	-2.94E+00	1.59E+00	3.44E+00	U
WG	W-13	516148	013	7/14/20	Th-228	8.54E+00	4.40E+00	1.10E+01	U
WG	W-13	516148	013	7/14/20	H-3	2.19E+02	2.27E+02	7.01E+02	U
WG	W-13	516148	013	7/14/20	Zn-65	9.87E-01	3.16E+00	9.35E+00	U
WG	W-13	516148	013	7/14/20	Zr-95	3.92E+00	2.66E+00	7.73E+00	U
WG	W-14	516148	014	7/14/20	Ac-228	-1.36E+01	6.45E+00	1.26E+01	U
WG	W-14	516148	014	7/14/20	Sb-124	3.02E+00	2.26E+00	9.09E+00	U
WG	W-14	516148	014	7/14/20	Sb-125	3.92E+00	3.09E+00	1.09E+01	U
WG	W-14	516148	014	7/14/20	Ba-140	-1.42E+01	7.64E+00	1.47E+01	U
WG	W-14	516148	014	7/14/20	Be-7	2.27E+00	1.06E+01	3.55E+01	U
WG	W-14	516148	014	7/14/20	Ce-141	7.72E+00	2.76E+00	5.82E+00	UI
WG	W-14	516148	014	7/14/20	Ce-144	-2.70E+00	8.51E+00	2.73E+01	U
WG	W-14	516148	014	7/14/20	Cs-134	6.61E-01	1.16E+00	3.93E+00	U
WG	W-14	516148	014	7/14/20	Cs-137	-1.21E+00	1.40E+00	4.04E+00	U
WG	W-14	516148	014	7/14/20	Cr-51	-2.68E+00	1.17E+01	3.53E+01	U
WG	W-14	516148	014	7/14/20	Co-57	7.81E-01	9.61E-01	3.23E+00	U
WG	W-14	516148	014	7/14/20	Co-58	-4.10E-01	1.25E+00	3.78E+00	U
WG	W-14	516148	014	7/14/20	Co-60	2.26E+00	1.29E+00	4.87E+00	U
WG	W-14	516148	014	7/14/20	I-131	-2.14E+00	2.58E+00	7.17E+00	U
WG	W-14	516148	014	7/14/20	Fe-59	1.25E+00	2.26E+00	7.96E+00	U
WG	W-14	516148	014	7/14/20	La-140	2.37E+00	2.91E+00	1.01E+01	U
WG	W-14	516148	014	7/14/20	Mn-54	8.25E-02	1.07E+00	3.65E+00	U
WG	W-14	516148	014	7/14/20	Nb-95	-5.44E-01	1.49E+00	4.58E+00	U
WG	W-14	516148	014	7/14/20	K-40	1.36E+01	1.91E+01	6.79E+01	U
WG	W-14	516148	014	7/14/20	Ru-103	7.63E-01	1.25E+00	3.92E+00	U
WG	W-14	516148	014	7/14/20	Ru-106	1.23E+01	1.23E+01	4.21E+01	U
WG	W-14	516148	014	7/14/20	Se-75	-8.70E-01	1.47E+00	4.33E+00	U
WG	W-14	516148	014	7/14/20	Ag-108m	2.67E-01	1.05E+00	3.55E+00	U
WG	W-14	516148	014	7/14/20	Ag-110m	-7.18E-01	1.81E+00	5.88E+00	U
WG	W-14	516148	014	7/14/20	Th-228	2.66E+00	4.02E+00	8.48E+00	U
WG	W-14	516148	014	7/14/20	H-3	1.66E+02	2.23E+02	7.00E+02	U
WG	W-14	516148	014	7/14/20	Zn-65	2.62E-01	2.50E+00	8.40E+00	U
WG	W-14	516148	014	7/14/20	Zr-95	-1.13E+00	2.09E+00	6.17E+00	U
WG	W-15	516148	015	7/14/20	Ac-228	2.84E+00	7.02E+00	2.37E+01	U
WG	W-15	516148	015	7/14/20	Sb-124	-2.72E+00	3.27E+00	9.07E+00	U
WG	W-15	516148	015	7/14/20	Sb-125	2.94E+00	3.44E+00	1.16E+01	U
WG	W-15	516148	015	7/14/20	Ba-140	4.48E+00	6.03E+00	2.13E+01	U
WG	W-15	516148	015	7/14/20	Be-7	-1.30E+01	1.15E+01	3.14E+01	U
WG	W-15	516148	015	7/14/20	Ce-141	1.68E+00	2.30E+00	7.95E+00	U
WG	W-15	516148	015	7/14/20	Ce-144	8.51E+00	9.09E+00	3.14E+01	U
WG	W-15	516148	015	7/14/20	Cs-134	2.18E+00	1.67E+00	5.82E+00	U
WG	W-15	516148	015	7/14/20	Cs-137	-7.40E-01	1.30E+00	4.09E+00	U
WG	W-15	516148	015	7/14/20	Cr-51	-1.81E+01	1.27E+01	3.51E+01	U
WG	W-15	516148	015	7/14/20	Co-57	3.12E+00	2.34E+00	3.96E+00	U
WG	W-15	516148	015	7/14/20	Co-58	2.28E+00	1.16E+00	3.35E+00	U
WG	W-15	516148	015	7/14/20	Co-60	2.89E-01	1.31E+00	4.50E+00	U
WG	W-15	516148	015	7/14/20	I-131	2.13E+00	1.91E+00	6.55E+00	U
WG	W-15	516148	015	7/14/20	Fe-59	-3.54E+00	2.46E+00	5.58E+00	U
WG	W-15	516148	015	7/14/20	La-140	-1.22E+00	2.32E+00	7.04E+00	U
WG	W-15	516148	015	7/14/20	Mn-54	-3.53E-01	1.28E+00	4.07E+00	U
WG	W-15	516148	015	7/14/20	Nb-95	2.15E+00	1.35E+00	4.77E+00	U
WG	W-15	516148	015	7/14/20	K-40	9.01E+00	2.53E+01	3.64E+01	U
WG	W-15	516148	015	7/14/20	Ru-103	-2.24E-01	1.50E+00	4.68E+00	U
WG	W-15	516148	015	7/14/20	Ru-106	3.43E+01	1.54E+01	3.84E+01	U
WG	W-15	516148	015	7/14/20	Se-75	-9.59E-01	1.68E+00	5.30E+00	U
WG	W-15	516148	015	7/14/20	Ag-108m	1.81E-01	1.28E+00	4.13E+00	U
WG	W-15	516148	015	7/14/20	Ag-110m	-1.52E+00	1.73E+00	4.98E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-15	516148	015	7/14/20	Th-228	1.29E+00	5.01E+00	9.83E+00	U
WG	W-15	516148	015	7/14/20	H-3	4.69E+02	2.45E+02	7.06E+02	U
WG	W-15	516148	015	7/14/20	Zn-65	2.35E-02	3.36E+00	9.41E+00	U
WG	W-15	516148	015	7/14/20	Zr-95	-2.14E+00	2.70E+00	8.18E+00	U
WG	MW-20	516148	016	7/14/20	Ac-228	-3.98E+00	5.83E+00	1.84E+01	U
WG	MW-20	516148	016	7/14/20	Sb-124	7.00E-01	2.93E+00	9.83E+00	U
WG	MW-20	516148	016	7/14/20	Sb-125	-1.98E+00	3.56E+00	1.08E+01	U
WG	MW-20	516148	016	7/14/20	Ba-140	-5.64E+00	7.84E+00	2.00E+01	U
WG	MW-20	516148	016	7/14/20	Be-7	-2.62E+00	9.97E+00	3.10E+01	U
WG	MW-20	516148	016	7/14/20	Ce-141	1.25E+01	7.48E+00	8.65E+00	UI
WG	MW-20	516148	016	7/14/20	Ce-144	2.11E+00	9.00E+00	3.01E+01	U
WG	MW-20	516148	016	7/14/20	Cs-134	-8.31E-02	1.05E+00	3.50E+00	U
WG	MW-20	516148	016	7/14/20	Cs-137	-2.57E+00	1.41E+00	3.58E+00	U
WG	MW-20	516148	016	7/14/20	Cr-51	1.12E+01	1.14E+01	3.82E+01	U
WG	MW-20	516148	016	7/14/20	Co-57	6.73E-01	1.29E+00	4.32E+00	U
WG	MW-20	516148	016	7/14/20	Co-58	8.85E-01	1.32E+00	4.48E+00	U
WG	MW-20	516148	016	7/14/20	Co-60	2.88E+00	1.41E+00	5.16E+00	U
WG	MW-20	516148	016	7/14/20	I-131	4.27E-01	2.18E+00	7.11E+00	U
WG	MW-20	516148	016	7/14/20	Fe-59	-1.39E+00	2.53E+00	6.59E+00	U
WG	MW-20	516148	016	7/14/20	La-140	2.09E+00	2.32E+00	8.20E+00	U
WG	MW-20	516148	016	7/14/20	Mn-54	-1.57E-02	1.41E+00	4.74E+00	U
WG	MW-20	516148	016	7/14/20	Nb-95	9.29E-01	1.42E+00	4.69E+00	U
WG	MW-20	516148	016	7/14/20	K-40	-1.46E+01	1.62E+01	5.43E+01	U
WG	MW-20	516148	016	7/14/20	Ru-103	-3.03E+00	1.38E+00	2.78E+00	U
WG	MW-20	516148	016	7/14/20	Ru-106	-2.45E+00	1.05E+01	3.50E+01	U
WG	MW-20	516148	016	7/14/20	Se-75	-9.12E-02	1.70E+00	5.51E+00	U
WG	MW-20	516148	016	7/14/20	Ag-108m	-5.10E-01	1.16E+00	3.58E+00	U
WG	MW-20	516148	016	7/14/20	Ag-110m	9.54E-01	1.63E+00	5.71E+00	U
WG	MW-20	516148	016	7/14/20	Th-228	-2.20E+00	2.89E+00	8.74E+00	U
WG	MW-20	516148	016	7/14/20	H-3	2.16E+02	2.18E+02	6.73E+02	U
WG	MW-20	516148	016	7/14/20	Zn-65	-3.95E+00	2.67E+00	6.72E+00	U
WG	MW-20	516148	016	7/14/20	Zr-95	-2.39E+00	2.07E+00	5.92E+00	U
WG	MW-21	516148	017	7/14/20	Ac-228	-1.25E+01	5.86E+00	1.36E+01	U
WG	MW-21	516148	017	7/14/20	Sb-124	2.94E+00	3.04E+00	1.11E+01	U
WG	MW-21	516148	017	7/14/20	Sb-125	1.36E+01	6.89E+00	1.02E+01	UI
WG	MW-21	516148	017	7/14/20	Ba-140	5.98E+00	5.59E+00	1.92E+01	U
WG	MW-21	516148	017	7/14/20	Be-7	1.54E+00	8.59E+00	2.87E+01	U
WG	MW-21	516148	017	7/14/20	Ce-141	-5.10E+00	2.57E+00	6.19E+00	U
WG	MW-21	516148	017	7/14/20	Ce-144	1.07E+01	8.24E+00	2.68E+01	U
WG	MW-21	516148	017	7/14/20	Cs-134	7.49E-01	1.03E+00	3.71E+00	U
WG	MW-21	516148	017	7/14/20	Cs-137	-1.21E+00	1.22E+00	3.44E+00	U
WG	MW-21	516148	017	7/14/20	Cr-51	1.54E+00	9.88E+00	3.37E+01	U
WG	MW-21	516148	017	7/14/20	Co-57	3.03E-01	9.80E-01	3.20E+00	U
WG	MW-21	516148	017	7/14/20	Co-58	2.69E-01	9.93E-01	3.09E+00	U
WG	MW-21	516148	017	7/14/20	Co-60	0.00E+00	0.00E+00	3.97E+00	U
WG	MW-21	516148	017	7/14/20	I-131	-2.47E+00	2.04E+00	6.04E+00	U
WG	MW-21	516148	017	7/14/20	Fe-59	9.97E-01	2.09E+00	7.27E+00	U
WG	MW-21	516148	017	7/14/20	La-140	-2.81E+00	1.97E+00	4.39E+00	U
WG	MW-21	516148	017	7/14/20	Mn-54	-1.40E-03	1.13E+00	3.83E+00	U
WG	MW-21	516148	017	7/14/20	Nb-95	-7.06E-01	1.16E+00	3.39E+00	U
WG	MW-21	516148	017	7/14/20	K-40	2.90E+01	1.88E+01	3.61E+01	U
WG	MW-21	516148	017	7/14/20	Ru-103	-1.03E+00	1.27E+00	3.86E+00	U
WG	MW-21	516148	017	7/14/20	Ru-106	2.44E+00	1.07E+01	3.51E+01	U
WG	MW-21	516148	017	7/14/20	Se-75	1.42E+00	1.49E+00	5.20E+00	U
WG	MW-21	516148	017	7/14/20	Ag-108m	1.05E+00	8.74E-01	2.84E+00	U
WG	MW-21	516148	017	7/14/20	Ag-110m	2.41E+00	1.60E+00	5.74E+00	U
WG	MW-21	516148	017	7/14/20	Th-228	7.03E+00	4.17E+00	8.56E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	MW-21	516148	017	7/14/20	H-3	-1.33E+02	2.01E+02	6.87E+02	U
WG	MW-21	516148	017	7/14/20	Zn-65	-2.95E+00	2.49E+00	6.80E+00	U
WG	MW-21	516148	017	7/14/20	Zr-95	-1.16E+00	1.75E+00	5.01E+00	U
WG	W-1	524627	001	10/14/20	Ac-228	-4.96E+00	4.57E+00	1.33E+01	U
WG	W-1	524627	001	10/14/20	Sb-124	-3.45E+00	2.63E+00	6.49E+00	U
WG	W-1	524627	001	10/14/20	Sb-125	-3.60E+00	2.92E+00	8.23E+00	U
WG	W-1	524627	001	10/14/20	Ba-140	4.99E+00	4.27E+00	1.50E+01	U
WG	W-1	524627	001	10/14/20	Be-7	9.96E+00	7.17E+00	2.54E+01	U
WG	W-1	524627	001	10/14/20	Ce-141	1.21E+00	2.74E+00	4.26E+00	U
WG	W-1	524627	001	10/14/20	Ce-144	-3.09E+00	6.78E+00	2.13E+01	U
WG	W-1	524627	001	10/14/20	Cs-134	-5.18E-01	1.10E+00	3.39E+00	U
WG	W-1	524627	001	10/14/20	Cs-137	2.00E+00	1.25E+00	4.29E+00	U
WG	W-1	524627	001	10/14/20	Cr-51	-5.28E+00	7.52E+00	2.42E+01	U
WG	W-1	524627	001	10/14/20	Co-57	2.33E-01	8.39E-01	2.75E+00	U
WG	W-1	524627	001	10/14/20	Co-58	-4.05E-01	7.53E-01	2.24E+00	U
WG	W-1	524627	001	10/14/20	Co-60	6.36E-01	9.65E-01	3.47E+00	U
WG	W-1	524627	001	10/14/20	I-131	1.15E+00	1.75E+00	5.55E+00	U
WG	W-1	524627	001	10/14/20	Fe-59	-1.26E+00	2.09E+00	6.05E+00	U
WG	W-1	524627	001	10/14/20	La-140	-2.14E+00	1.89E+00	5.17E+00	U
WG	W-1	524627	001	10/14/20	Mn-54	1.74E+00	6.97E-01	3.09E+00	U
WG	W-1	524627	001	10/14/20	Nb-95	1.80E+00	1.21E+00	3.68E+00	U
WG	W-1	524627	001	10/14/20	K-40	-1.06E+01	1.53E+01	4.60E+01	U
WG	W-1	524627	001	10/14/20	Ru-103	-2.17E-01	8.73E-01	2.85E+00	U
WG	W-1	524627	001	10/14/20	Ru-106	1.82E+01	9.66E+00	3.33E+01	U
WG	W-1	524627	001	10/14/20	Se-75	1.57E+00	1.45E+00	4.67E+00	U
WG	W-1	524627	001	10/14/20	Ag-108m	-4.85E-02	8.21E-01	2.76E+00	U
WG	W-1	524627	001	10/14/20	Ag-110m	-1.01E+00	1.60E+00	4.12E+00	U
WG	W-1	524627	001	10/14/20	Th-228	5.83E+00	3.33E+00	5.74E+00	UI
WG	W-1	524627	001	10/14/20	H-3	-6.79E+01	4.86E+02	1.61E+03	U
WG	W-1	524627	001	10/14/20	Zn-65	-4.13E-01	2.09E+00	6.96E+00	U
WG	W-1	524627	001	10/14/20	Zr-95	1.76E+00	1.62E+00	5.71E+00	U
WG	W-3	524627	002	10/14/20	Ac-228	6.86E+00	5.82E+00	2.01E+01	U
WG	W-3	524627	002	10/14/20	Sb-124	1.52E-01	2.38E+00	8.09E+00	U
WG	W-3	524627	002	10/14/20	Sb-125	-4.22E+00	3.92E+00	1.10E+01	U
WG	W-3	524627	002	10/14/20	Ba-140	4.16E+00	5.69E+00	1.99E+01	U
WG	W-3	524627	002	10/14/20	Be-7	1.36E+01	1.15E+01	4.05E+01	U
WG	W-3	524627	002	10/14/20	Ce-141	4.18E+00	3.32E+00	7.31E+00	U
WG	W-3	524627	002	10/14/20	Ce-144	-5.47E+00	9.44E+00	2.82E+01	U
WG	W-3	524627	002	10/14/20	Cs-134	4.19E+00	2.65E+00	6.35E+00	U
WG	W-3	524627	002	10/14/20	Cs-137	1.13E-01	1.24E+00	3.65E+00	U
WG	W-3	524627	002	10/14/20	Cr-51	6.60E+00	1.20E+01	4.02E+01	U
WG	W-3	524627	002	10/14/20	Co-57	1.57E+00	1.14E+00	3.67E+00	U
WG	W-3	524627	002	10/14/20	Co-58	-1.26E+00	1.49E+00	4.31E+00	U
WG	W-3	524627	002	10/14/20	Co-60	9.47E-01	1.49E+00	5.22E+00	U
WG	W-3	524627	002	10/14/20	I-131	2.88E-03	2.10E+00	6.77E+00	U
WG	W-3	524627	002	10/14/20	Fe-59	-1.85E+00	2.51E+00	7.47E+00	U
WG	W-3	524627	002	10/14/20	La-140	2.33E-01	2.34E+00	7.63E+00	U
WG	W-3	524627	002	10/14/20	Mn-54	-5.08E-01	1.55E+00	4.86E+00	U
WG	W-3	524627	002	10/14/20	Nb-95	-2.13E+00	1.42E+00	3.59E+00	U
WG	W-3	524627	002	10/14/20	K-40	-8.15E+00	2.01E+01	6.89E+01	U
WG	W-3	524627	002	10/14/20	Ru-103	-1.32E+00	1.43E+00	4.40E+00	U
WG	W-3	524627	002	10/14/20	Ru-106	2.78E+00	1.23E+01	4.14E+01	U
WG	W-3	524627	002	10/14/20	Se-75	-9.61E-01	1.68E+00	5.32E+00	U
WG	W-3	524627	002	10/14/20	Ag-108m	-8.54E-01	1.20E+00	3.51E+00	U
WG	W-3	524627	002	10/14/20	Ag-110m	-5.64E-01	1.83E+00	5.66E+00	U
WG	W-3	524627	002	10/14/20	Th-228	5.72E+00	4.50E+00	1.06E+01	U
WG	W-3	524627	002	10/14/20	H-3	-2.88E+02	4.74E+02	1.61E+03	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-3	524627	002	10/14/20	Zn-65	6.36E+00	3.10E+00	1.08E+01	U
WG	W-3	524627	002	10/14/20	Zr-95	-1.88E-02	2.00E+00	6.52E+00	U
WG	W-9	524627	003	10/14/20	Ac-228	-4.60E+00	4.69E+00	1.30E+01	U
WG	W-9	524627	003	10/14/20	Sb-124	2.44E+00	2.03E+00	7.75E+00	U
WG	W-9	524627	003	10/14/20	Sb-125	-1.71E+00	2.69E+00	8.67E+00	U
WG	W-9	524627	003	10/14/20	Ba-140	7.42E+00	4.28E+00	1.52E+01	U
WG	W-9	524627	003	10/14/20	Be-7	1.17E+01	9.29E+00	3.25E+01	U
WG	W-9	524627	003	10/14/20	Ce-141	7.19E+00	4.28E+00	4.66E+00	UI
WG	W-9	524627	003	10/14/20	Ce-144	8.51E+00	5.98E+00	1.99E+01	U
WG	W-9	524627	003	10/14/20	Cs-134	1.38E+00	1.19E+00	4.15E+00	U
WG	W-9	524627	003	10/14/20	Cs-137	3.27E-01	1.16E+00	3.90E+00	U
WG	W-9	524627	003	10/14/20	Cr-51	-1.52E-01	8.96E+00	2.80E+01	U
WG	W-9	524627	003	10/14/20	Co-57	-1.42E-01	7.85E-01	2.57E+00	U
WG	W-9	524627	003	10/14/20	Co-58	-4.50E-01	1.17E+00	3.20E+00	U
WG	W-9	524627	003	10/14/20	Co-60	3.44E-01	9.95E-01	3.47E+00	U
WG	W-9	524627	003	10/14/20	I-131	9.51E-01	1.61E+00	5.66E+00	U
WG	W-9	524627	003	10/14/20	Fe-59	-1.69E+00	1.99E+00	5.41E+00	U
WG	W-9	524627	003	10/14/20	La-140	2.55E-01	1.75E+00	5.89E+00	U
WG	W-9	524627	003	10/14/20	Mn-54	-3.18E-01	7.75E-01	2.36E+00	U
WG	W-9	524627	003	10/14/20	Nb-95	-5.77E-01	1.03E+00	3.15E+00	U
WG	W-9	524627	003	10/14/20	K-40	-7.62E-01	1.49E+01	5.35E+01	U
WG	W-9	524627	003	10/14/20	Ru-103	-3.51E-01	1.02E+00	3.33E+00	U
WG	W-9	524627	003	10/14/20	Ru-106	-4.68E+00	8.86E+00	2.78E+01	U
WG	W-9	524627	003	10/14/20	Se-75	-6.63E-01	1.16E+00	3.50E+00	U
WG	W-9	524627	003	10/14/20	Ag-108m	5.28E-02	8.36E-01	2.85E+00	U
WG	W-9	524627	003	10/14/20	Ag-110m	-1.62E+00	1.20E+00	2.90E+00	U
WG	W-9	524627	003	10/14/20	Th-228	1.06E+00	2.99E+00	5.33E+00	U
WG	W-9	524627	003	10/14/20	H-3	-2.90E+02	4.73E+02	1.61E+03	U
WG	W-9	524627	003	10/14/20	Zn-65	3.01E+00	1.93E+00	5.81E+00	U
WG	W-9	524627	003	10/14/20	Zr-95	-6.26E-01	1.76E+00	5.52E+00	U
WG	W-10	524627	004	10/15/20	Ac-228	5.81E+00	4.89E+00	1.77E+01	U
WG	W-10	524627	004	10/15/20	Sb-124	8.62E-01	3.34E+00	1.16E+01	U
WG	W-10	524627	004	10/15/20	Sb-125	-1.68E-01	3.16E+00	1.05E+01	U
WG	W-10	524627	004	10/15/20	Ba-140	6.57E+00	5.96E+00	2.07E+01	U
WG	W-10	524627	004	10/15/20	Be-7	-3.11E+00	1.12E+01	3.61E+01	U
WG	W-10	524627	004	10/15/20	Ce-141	-2.20E+00	2.49E+00	7.46E+00	U
WG	W-10	524627	004	10/15/20	Ce-144	5.95E-01	8.61E+00	2.81E+01	U
WG	W-10	524627	004	10/15/20	Cs-134	9.85E-01	1.62E+00	5.40E+00	U
WG	W-10	524627	004	10/15/20	Cs-137	-8.27E-02	1.54E+00	4.40E+00	U
WG	W-10	524627	004	10/15/20	Cr-51	6.71E+00	1.21E+01	4.21E+01	U
WG	W-10	524627	004	10/15/20	Co-57	2.69E+00	1.52E+00	3.55E+00	U
WG	W-10	524627	004	10/15/20	Co-58	-1.91E+00	1.46E+00	3.68E+00	U
WG	W-10	524627	004	10/15/20	Co-60	8.52E-01	1.26E+00	4.48E+00	U
WG	W-10	524627	004	10/15/20	I-131	-1.35E+00	1.62E+00	5.02E+00	U
WG	W-10	524627	004	10/15/20	Fe-59	2.01E+00	2.56E+00	9.10E+00	U
WG	W-10	524627	004	10/15/20	La-140	4.34E+00	2.61E+00	9.42E+00	U
WG	W-10	524627	004	10/15/20	Mn-54	2.19E-01	1.39E+00	4.79E+00	U
WG	W-10	524627	004	10/15/20	Nb-95	5.52E-01	1.57E+00	5.14E+00	U
WG	W-10	524627	004	10/15/20	K-40	1.78E+01	1.77E+01	6.21E+01	U
WG	W-10	524627	004	10/15/20	Ru-103	-4.87E-01	1.29E+00	4.12E+00	U
WG	W-10	524627	004	10/15/20	Ru-106	-9.95E+00	1.24E+01	3.63E+01	U
WG	W-10	524627	004	10/15/20	Se-75	3.29E-01	1.73E+00	5.46E+00	U
WG	W-10	524627	004	10/15/20	Ag-108m	-1.67E+00	1.24E+00	3.50E+00	U
WG	W-10	524627	004	10/15/20	Ag-110m	5.13E+00	2.45E+00	8.46E+00	U
WG	W-10	524627	004	10/15/20	Th-228	-3.49E+00	3.15E+00	8.94E+00	U
WG	W-10	524627	004	10/15/20	H-3	1.57E+02	5.00E+02	1.62E+03	U
WG	W-10	524627	004	10/15/20	Zn-65	5.57E-01	2.80E+00	9.47E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-10	524627	004	10/15/20	Zr-95	-3.73E+00	2.38E+00	5.48E+00	U
WG	W-11	524627	005	10/15/20	Ac-228	2.53E+00	5.34E+00	1.79E+01	U
WG	W-11	524627	005	10/15/20	Sb-124	-1.12E+00	3.08E+00	9.44E+00	U
WG	W-11	524627	005	10/15/20	Sb-125	4.03E+00	3.93E+00	1.37E+01	U
WG	W-11	524627	005	10/15/20	Ba-140	-5.51E-01	6.47E+00	1.90E+01	U
WG	W-11	524627	005	10/15/20	Be-7	5.50E+00	1.19E+01	4.07E+01	U
WG	W-11	524627	005	10/15/20	Ce-141	-1.11E+00	2.97E+00	8.55E+00	U
WG	W-11	524627	005	10/15/20	Ce-144	-1.62E-02	9.84E+00	3.16E+01	U
WG	W-11	524627	005	10/15/20	Cs-134	2.89E+00	1.69E+00	5.88E+00	U
WG	W-11	524627	005	10/15/20	Cs-137	4.89E-01	1.37E+00	4.62E+00	U
WG	W-11	524627	005	10/15/20	Cr-51	2.76E+01	1.35E+01	4.53E+01	U
WG	W-11	524627	005	10/15/20	Co-57	4.71E-01	1.31E+00	4.28E+00	U
WG	W-11	524627	005	10/15/20	Co-58	2.66E-01	1.42E+00	4.66E+00	U
WG	W-11	524627	005	10/15/20	Co-60	-1.48E+00	1.34E+00	3.53E+00	U
WG	W-11	524627	005	10/15/20	I-131	1.49E+00	2.35E+00	7.41E+00	U
WG	W-11	524627	005	10/15/20	Fe-59	-1.03E+00	2.33E+00	7.42E+00	U
WG	W-11	524627	005	10/15/20	La-140	-1.76E-01	1.67E+00	5.40E+00	U
WG	W-11	524627	005	10/15/20	Mn-54	-6.27E-01	1.39E+00	4.22E+00	U
WG	W-11	524627	005	10/15/20	Nb-95	-2.45E-01	1.24E+00	3.91E+00	U
WG	W-11	524627	005	10/15/20	K-40	-4.92E+00	2.05E+01	6.89E+01	U
WG	W-11	524627	005	10/15/20	Ru-103	-4.97E+00	1.96E+00	3.90E+00	U
WG	W-11	524627	005	10/15/20	Ru-106	-1.18E+01	1.04E+01	2.85E+01	U
WG	W-11	524627	005	10/15/20	Se-75	-4.31E-01	1.81E+00	6.14E+00	U
WG	W-11	524627	005	10/15/20	Ag-108m	1.69E-01	1.36E+00	4.60E+00	U
WG	W-11	524627	005	10/15/20	Ag-110m	1.41E+00	1.53E+00	5.40E+00	U
WG	W-11	524627	005	10/15/20	Th-228	-3.90E+00	3.60E+00	9.25E+00	U
WG	W-11	524627	005	10/15/20	H-3	-6.19E+02	4.50E+02	1.60E+03	U
WG	W-11	524627	005	10/15/20	Zn-65	-3.39E+00	3.06E+00	6.98E+00	U
WG	W-11	524627	005	10/15/20	Zr-95	4.83E+00	2.52E+00	8.85E+00	U
WG	W-12	524627	006	10/15/20	Ac-228	1.77E+00	4.44E+00	1.51E+01	U
WG	W-12	524627	006	10/15/20	Sb-124	-1.78E+00	2.85E+00	8.40E+00	U
WG	W-12	524627	006	10/15/20	Sb-125	6.96E-01	2.78E+00	9.47E+00	U
WG	W-12	524627	006	10/15/20	Ba-140	4.48E-01	4.09E+00	1.37E+01	U
WG	W-12	524627	006	10/15/20	Be-7	-7.07E+00	7.41E+00	2.21E+01	U
WG	W-12	524627	006	10/15/20	Ce-141	9.47E-01	1.80E+00	5.51E+00	U
WG	W-12	524627	006	10/15/20	Ce-144	-6.98E+00	7.21E+00	2.17E+01	U
WG	W-12	524627	006	10/15/20	Cs-134	1.62E+00	1.29E+00	4.41E+00	U
WG	W-12	524627	006	10/15/20	Cs-137	1.90E+00	1.11E+00	3.84E+00	U
WG	W-12	524627	006	10/15/20	Cr-51	-6.80E+00	9.94E+00	3.24E+01	U
WG	W-12	524627	006	10/15/20	Co-57	2.37E-01	8.44E-01	2.59E+00	U
WG	W-12	524627	006	10/15/20	Co-58	-2.01E-01	1.02E+00	3.19E+00	U
WG	W-12	524627	006	10/15/20	Co-60	1.02E+00	9.31E-01	3.44E+00	U
WG	W-12	524627	006	10/15/20	I-131	-8.27E-03	1.64E+00	5.35E+00	U
WG	W-12	524627	006	10/15/20	Fe-59	1.15E+00	1.69E+00	6.07E+00	U
WG	W-12	524627	006	10/15/20	La-140	8.50E-01	1.46E+00	5.11E+00	U
WG	W-12	524627	006	10/15/20	Mn-54	-4.14E-02	1.06E+00	3.37E+00	U
WG	W-12	524627	006	10/15/20	Nb-95	-2.82E+00	1.47E+00	3.04E+00	U
WG	W-12	524627	006	10/15/20	K-40	7.29E+00	1.42E+01	4.28E+01	U
WG	W-12	524627	006	10/15/20	Ru-103	-1.37E+00	1.01E+00	2.34E+00	U
WG	W-12	524627	006	10/15/20	Ru-106	5.22E+01	2.21E+01	2.89E+01	UI
WG	W-12	524627	006	10/15/20	Se-75	9.36E-01	1.31E+00	4.22E+00	U
WG	W-12	524627	006	10/15/20	Ag-108m	-6.61E-01	1.04E+00	2.92E+00	U
WG	W-12	524627	006	10/15/20	Ag-110m	2.59E-01	1.40E+00	4.55E+00	U
WG	W-12	524627	006	10/15/20	Th-228	4.28E+00	3.59E+00	6.43E+00	U
WG	W-12	524627	006	10/15/20	H-3	-2.81E+02	4.79E+02	1.63E+03	U
WG	W-12	524627	006	10/15/20	Zn-65	-1.41E-01	1.94E+00	5.69E+00	U
WG	W-12	524627	006	10/15/20	Zr-95	-4.05E-01	2.00E+00	5.58E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	MW-21	524627	007	10/15/20	Ac-228	-8.29E+00	5.26E+00	1.52E+01	U
WG	MW-21	524627	007	10/15/20	Sb-124	-4.19E+00	2.39E+00	3.68E+00	U
WG	MW-21	524627	007	10/15/20	Sb-125	7.70E-01	3.37E+00	1.13E+01	U
WG	MW-21	524627	007	10/15/20	Ba-140	-1.94E+00	4.58E+00	1.44E+01	U
WG	MW-21	524627	007	10/15/20	Be-7	-4.49E+00	1.03E+01	3.28E+01	U
WG	MW-21	524627	007	10/15/20	Ce-141	-3.49E+00	2.58E+00	6.65E+00	U
WG	MW-21	524627	007	10/15/20	Ce-144	9.47E+00	8.23E+00	2.66E+01	U
WG	MW-21	524627	007	10/15/20	Cs-134	1.11E+00	1.43E+00	4.82E+00	U
WG	MW-21	524627	007	10/15/20	Cs-137	4.70E-01	1.19E+00	3.96E+00	U
WG	MW-21	524627	007	10/15/20	Cr-51	-3.49E-01	1.08E+01	3.62E+01	U
WG	MW-21	524627	007	10/15/20	Co-57	1.00E+00	1.14E+00	3.69E+00	U
WG	MW-21	524627	007	10/15/20	Co-58	5.66E-01	1.16E+00	3.88E+00	U
WG	MW-21	524627	007	10/15/20	Co-60	8.91E-01	1.02E+00	3.73E+00	U
WG	MW-21	524627	007	10/15/20	I-131	-1.68E+00	1.75E+00	5.38E+00	U
WG	MW-21	524627	007	10/15/20	Fe-59	-2.21E+00	1.90E+00	5.10E+00	U
WG	MW-21	524627	007	10/15/20	La-140	8.58E-01	1.66E+00	5.78E+00	U
WG	MW-21	524627	007	10/15/20	Mn-54	9.59E-01	1.11E+00	3.77E+00	U
WG	MW-21	524627	007	10/15/20	Nb-95	2.88E+00	1.50E+00	4.44E+00	U
WG	MW-21	524627	007	10/15/20	K-40	-3.13E+01	1.80E+01	4.69E+01	U
WG	MW-21	524627	007	10/15/20	Ru-103	-1.86E+00	1.18E+00	3.09E+00	U
WG	MW-21	524627	007	10/15/20	Ru-106	5.75E+00	1.08E+01	3.31E+01	U
WG	MW-21	524627	007	10/15/20	Se-75	1.22E+00	1.59E+00	5.52E+00	U
WG	MW-21	524627	007	10/15/20	Ag-108m	4.51E-01	8.95E-01	3.06E+00	U
WG	MW-21	524627	007	10/15/20	Ag-110m	3.07E+00	1.66E+00	5.36E+00	U
WG	MW-21	524627	007	10/15/20	Th-228	5.07E+00	4.29E+00	9.56E+00	U
WG	MW-21	524627	007	10/15/20	H-3	-1.25E+02	4.82E+02	1.61E+03	U
WG	MW-21	524627	007	10/15/20	Zn-65	1.06E+00	2.41E+00	7.59E+00	U
WG	MW-21	524627	007	10/15/20	Zr-95	7.71E-02	2.07E+00	6.65E+00	U
WG	W-2	525287	001	10/20/20	Ac-228	3.62E+00	7.89E+00	1.21E+01	U
WG	W-2	525287	001	10/20/20	Sb-124	1.40E+00	2.17E+00	7.85E+00	U
WG	W-2	525287	001	10/20/20	Sb-125	3.10E+00	2.71E+00	9.46E+00	U
WG	W-2	525287	001	10/20/20	Ba-140	5.42E+00	5.62E+00	1.96E+01	U
WG	W-2	525287	001	10/20/20	Be-7	8.40E+00	8.78E+00	3.06E+01	U
WG	W-2	525287	001	10/20/20	Ce-141	-3.42E+00	2.26E+00	6.26E+00	U
WG	W-2	525287	001	10/20/20	Ce-144	6.85E+00	7.60E+00	2.48E+01	U
WG	W-2	525287	001	10/20/20	Cs-134	-6.21E-01	1.10E+00	3.37E+00	U
WG	W-2	525287	001	10/20/20	Cs-137	1.87E+00	1.15E+00	3.96E+00	U
WG	W-2	525287	001	10/20/20	Cr-51	3.71E+00	9.89E+00	3.44E+01	U
WG	W-2	525287	001	10/20/20	Co-57	1.09E+00	9.82E-01	3.21E+00	U
WG	W-2	525287	001	10/20/20	Co-58	7.09E-01	1.10E+00	3.76E+00	U
WG	W-2	525287	001	10/20/20	Co-60	-5.38E-01	9.95E-01	2.64E+00	U
WG	W-2	525287	001	10/20/20	I-131	6.00E-01	2.45E+00	8.45E+00	U
WG	W-2	525287	001	10/20/20	Fe-59	2.76E-01	1.88E+00	6.12E+00	U
WG	W-2	525287	001	10/20/20	La-140	-2.06E+00	1.90E+00	5.17E+00	U
WG	W-2	525287	001	10/20/20	Mn-54	1.28E+00	9.77E-01	3.21E+00	U
WG	W-2	525287	001	10/20/20	Nb-95	1.00E-02	1.05E+00	3.43E+00	U
WG	W-2	525287	001	10/20/20	K-40	2.48E+01	1.56E+01	1.60E+01	UI
WG	W-2	525287	001	10/20/20	Ru-103	-2.31E-01	1.23E+00	4.06E+00	U
WG	W-2	525287	001	10/20/20	Ru-106	1.10E+01	1.23E+01	3.53E+01	U
WG	W-2	525287	001	10/20/20	Se-75	-5.93E-01	1.60E+00	4.86E+00	U
WG	W-2	525287	001	10/20/20	Ag-108m	-7.32E-01	9.01E-01	2.83E+00	U
WG	W-2	525287	001	10/20/20	Ag-110m	3.04E+00	1.42E+00	4.96E+00	U
WG	W-2	525287	001	10/20/20	Th-228	4.38E+00	3.40E+00	8.29E+00	U
WG	W-2	525287	001	10/20/20	H-3	-9.17E+01	1.67E+02	5.78E+02	U
WG	W-2	525287	001	10/20/20	Zn-65	-2.92E-01	2.27E+00	7.15E+00	U
WG	W-2	525287	001	10/20/20	Zr-95	-1.66E-01	2.06E+00	6.69E+00	U
WG	W-7	525287	002	10/20/20	Ac-228	2.47E+00	6.58E+00	2.06E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-7	525287	002	10/20/20	Sb-124	2.60E+00	3.64E+00	1.33E+01	U
WG	W-7	525287	002	10/20/20	Sb-125	4.08E+00	3.50E+00	1.20E+01	U
WG	W-7	525287	002	10/20/20	Ba-140	-1.41E+01	9.46E+00	2.43E+01	U
WG	W-7	525287	002	10/20/20	Be-7	8.13E+00	1.31E+01	4.40E+01	U
WG	W-7	525287	002	10/20/20	Ce-141	-7.04E+00	3.04E+00	6.87E+00	U
WG	W-7	525287	002	10/20/20	Ce-144	-3.13E+00	7.52E+00	2.29E+01	U
WG	W-7	525287	002	10/20/20	Cs-134	-5.47E-01	1.48E+00	4.76E+00	U
WG	W-7	525287	002	10/20/20	Cs-137	-5.96E-01	1.54E+00	5.07E+00	U
WG	W-7	525287	002	10/20/20	Cr-51	-1.10E+01	1.64E+01	4.57E+01	U
WG	W-7	525287	002	10/20/20	Co-57	4.55E-01	9.54E-01	3.06E+00	U
WG	W-7	525287	002	10/20/20	Co-58	-3.60E+00	1.65E+00	3.56E+00	U
WG	W-7	525287	002	10/20/20	Co-60	-2.35E+00	1.56E+00	3.33E+00	U
WG	W-7	525287	002	10/20/20	I-131	3.20E+00	2.99E+00	1.03E+01	U
WG	W-7	525287	002	10/20/20	Fe-59	5.01E+00	2.49E+00	9.58E+00	U
WG	W-7	525287	002	10/20/20	La-140	-2.81E+00	3.37E+00	9.90E+00	U
WG	W-7	525287	002	10/20/20	Mn-54	1.23E+00	1.55E+00	5.43E+00	U
WG	W-7	525287	002	10/20/20	Nb-95	-3.55E+00	2.09E+00	5.03E+00	U
WG	W-7	525287	002	10/20/20	K-40	-2.87E+00	1.68E+01	5.44E+01	U
WG	W-7	525287	002	10/20/20	Ru-103	2.08E+00	1.66E+00	5.64E+00	U
WG	W-7	525287	002	10/20/20	Ru-106	-2.63E+01	1.38E+01	2.91E+01	U
WG	W-7	525287	002	10/20/20	Se-75	8.15E-01	1.53E+00	5.27E+00	U
WG	W-7	525287	002	10/20/20	Ag-108m	1.82E+00	1.18E+00	3.94E+00	U
WG	W-7	525287	002	10/20/20	Ag-110m	2.96E+00	1.75E+00	6.19E+00	U
WG	W-7	525287	002	10/20/20	Th-228	5.35E-01	4.57E+00	8.82E+00	U
WG	W-7	525287	002	10/20/20	H-3	9.82E+01	1.83E+02	5.75E+02	U
WG	W-7	525287	002	10/20/20	Zn-65	-2.51E+00	3.42E+00	1.01E+01	U
WG	W-7	525287	002	10/20/20	Zr-95	-4.00E+00	2.47E+00	6.12E+00	U
WG	W-8	525287	003	10/20/20	Ac-228	-9.98E+00	5.94E+00	1.60E+01	U
WG	W-8	525287	003	10/20/20	Sb-124	3.68E-01	3.28E+00	1.07E+01	U
WG	W-8	525287	003	10/20/20	Sb-125	-8.33E-01	2.91E+00	9.35E+00	U
WG	W-8	525287	003	10/20/20	Ba-140	6.14E-02	7.11E+00	2.31E+01	U
WG	W-8	525287	003	10/20/20	Be-7	-3.05E+00	9.84E+00	3.13E+01	U
WG	W-8	525287	003	10/20/20	Ce-141	5.70E+00	3.31E+00	6.19E+00	U
WG	W-8	525287	003	10/20/20	Ce-144	3.78E+00	6.80E+00	2.18E+01	U
WG	W-8	525287	003	10/20/20	Cs-134	8.32E-01	1.23E+00	4.36E+00	U
WG	W-8	525287	003	10/20/20	Cs-137	-9.14E-02	1.18E+00	3.76E+00	U
WG	W-8	525287	003	10/20/20	Cr-51	-1.91E+01	1.10E+01	2.97E+01	U
WG	W-8	525287	003	10/20/20	Co-57	2.58E-01	8.88E-01	2.83E+00	U
WG	W-8	525287	003	10/20/20	Co-58	-2.13E+00	1.35E+00	3.61E+00	U
WG	W-8	525287	003	10/20/20	Co-60	1.49E+00	1.33E+00	4.78E+00	U
WG	W-8	525287	003	10/20/20	I-131	-7.38E-01	2.82E+00	9.20E+00	U
WG	W-8	525287	003	10/20/20	Fe-59	-2.51E-01	2.62E+00	8.63E+00	U
WG	W-8	525287	003	10/20/20	La-140	3.47E+00	2.60E+00	9.44E+00	U
WG	W-8	525287	003	10/20/20	Mn-54	1.04E+00	1.15E+00	4.12E+00	U
WG	W-8	525287	003	10/20/20	Nb-95	5.18E-01	1.17E+00	3.88E+00	U
WG	W-8	525287	003	10/20/20	K-40	4.23E+01	1.61E+01	2.09E+01	UI
WG	W-8	525287	003	10/20/20	Ru-103	-1.03E+00	1.37E+00	4.16E+00	U
WG	W-8	525287	003	10/20/20	Ru-106	1.11E+01	1.07E+01	3.65E+01	U
WG	W-8	525287	003	10/20/20	Se-75	1.36E+00	1.34E+00	4.65E+00	U
WG	W-8	525287	003	10/20/20	Ag-108m	8.70E-01	1.01E+00	3.43E+00	U
WG	W-8	525287	003	10/20/20	Ag-110m	-4.59E-01	1.95E+00	5.62E+00	U
WG	W-8	525287	003	10/20/20	Th-228	4.69E+00	3.95E+00	8.04E+00	U
WG	W-8	525287	003	10/20/20	H-3	1.36E+02	2.01E+02	6.21E+02	U
WG	W-8	525287	003	10/20/20	Zn-65	2.22E+00	2.79E+00	9.81E+00	U
WG	W-8	525287	003	10/20/20	Zr-95	4.63E+00	2.60E+00	8.83E+00	U
WG	W-13	525287	004	10/20/20	Ac-228	-5.06E-01	5.37E+00	1.71E+01	U
WG	W-13	525287	004	10/20/20	Sb-124	2.84E+00	3.58E+00	1.31E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-13	525287	004	10/20/20	Sb-125	-4.60E+00	3.71E+00	1.06E+01	U
WG	W-13	525287	004	10/20/20	Ba-140	1.18E+01	8.46E+00	2.93E+01	U
WG	W-13	525287	004	10/20/20	Be-7	-4.76E+00	9.00E+00	2.78E+01	U
WG	W-13	525287	004	10/20/20	Ce-141	-5.20E+00	3.01E+00	8.67E+00	U
WG	W-13	525287	004	10/20/20	Ce-144	-2.63E+00	9.52E+00	3.19E+01	U
WG	W-13	525287	004	10/20/20	Cs-134	-8.39E-02	1.43E+00	4.62E+00	U
WG	W-13	525287	004	10/20/20	Cs-137	-5.96E-01	1.64E+00	5.17E+00	U
WG	W-13	525287	004	10/20/20	Cr-51	-4.67E+00	1.25E+01	4.05E+01	U
WG	W-13	525287	004	10/20/20	Co-57	6.89E-01	1.25E+00	4.29E+00	U
WG	W-13	525287	004	10/20/20	Co-58	-5.19E-01	1.40E+00	4.35E+00	U
WG	W-13	525287	004	10/20/20	Co-60	1.77E+00	1.37E+00	4.98E+00	U
WG	W-13	525287	004	10/20/20	I-131	-3.76E+00	3.38E+00	1.00E+01	U
WG	W-13	525287	004	10/20/20	Fe-59	7.52E-01	2.60E+00	8.65E+00	U
WG	W-13	525287	004	10/20/20	La-140	-2.76E+00	2.20E+00	5.28E+00	U
WG	W-13	525287	004	10/20/20	Mn-54	2.23E+00	1.30E+00	4.61E+00	U
WG	W-13	525287	004	10/20/20	Nb-95	9.01E-01	1.43E+00	4.86E+00	U
WG	W-13	525287	004	10/20/20	K-40	-5.49E+00	1.73E+01	6.46E+01	U
WG	W-13	525287	004	10/20/20	Ru-103	1.90E+00	1.57E+00	5.40E+00	U
WG	W-13	525287	004	10/20/20	Ru-106	-4.40E+00	1.12E+01	3.52E+01	U
WG	W-13	525287	004	10/20/20	Se-75	1.95E+00	1.69E+00	5.81E+00	U
WG	W-13	525287	004	10/20/20	Ag-108m	6.59E-01	1.20E+00	4.08E+00	U
WG	W-13	525287	004	10/20/20	Ag-110m	-1.47E+00	1.89E+00	5.46E+00	U
WG	W-13	525287	004	10/20/20	Th-228	4.38E+00	4.97E+00	1.04E+01	U
WG	W-13	525287	004	10/20/20	H-3	7.08E+01	1.87E+02	5.93E+02	U
WG	W-13	525287	004	10/20/20	Zn-65	2.37E-01	3.04E+00	9.81E+00	U
WG	W-13	525287	004	10/20/20	Zr-95	3.91E+00	2.47E+00	8.70E+00	U
WG	W-14	525287	005	10/20/20	Ac-228	3.33E+00	6.26E+00	2.11E+01	U
WG	W-14	525287	005	10/20/20	Sb-124	2.15E+00	3.10E+00	1.10E+01	U
WG	W-14	525287	005	10/20/20	Sb-125	1.74E+00	3.88E+00	1.20E+01	U
WG	W-14	525287	005	10/20/20	Ba-140	7.71E-01	6.40E+00	2.13E+01	U
WG	W-14	525287	005	10/20/20	Be-7	1.58E+00	1.04E+01	3.49E+01	U
WG	W-14	525287	005	10/20/20	Ce-141	3.23E-01	2.26E+00	7.39E+00	U
WG	W-14	525287	005	10/20/20	Ce-144	-6.73E+00	7.53E+00	2.29E+01	U
WG	W-14	525287	005	10/20/20	Cs-134	1.09E+00	1.29E+00	4.45E+00	U
WG	W-14	525287	005	10/20/20	Cs-137	6.56E-01	1.39E+00	4.66E+00	U
WG	W-14	525287	005	10/20/20	Cr-51	7.40E+00	1.11E+01	3.91E+01	U
WG	W-14	525287	005	10/20/20	Co-57	4.99E-01	1.04E+00	3.49E+00	U
WG	W-14	525287	005	10/20/20	Co-58	9.40E-01	1.37E+00	4.61E+00	U
WG	W-14	525287	005	10/20/20	Co-60	1.78E+00	1.47E+00	5.30E+00	U
WG	W-14	525287	005	10/20/20	I-131	-3.67E+00	2.93E+00	8.60E+00	U
WG	W-14	525287	005	10/20/20	Fe-59	4.44E+00	2.80E+00	1.02E+01	U
WG	W-14	525287	005	10/20/20	La-140	-5.43E-01	3.05E+00	9.54E+00	U
WG	W-14	525287	005	10/20/20	Mn-54	-1.60E+00	1.07E+00	2.33E+00	U
WG	W-14	525287	005	10/20/20	Nb-95	5.30E-01	1.31E+00	4.35E+00	U
WG	W-14	525287	005	10/20/20	K-40	1.38E+01	1.90E+01	6.88E+01	U
WG	W-14	525287	005	10/20/20	Ru-103	-2.67E+00	1.51E+00	3.81E+00	U
WG	W-14	525287	005	10/20/20	Ru-106	-9.95E+00	1.14E+01	3.30E+01	U
WG	W-14	525287	005	10/20/20	Se-75	-2.06E+00	1.74E+00	4.75E+00	U
WG	W-14	525287	005	10/20/20	Ag-108m	-8.48E-01	1.24E+00	3.41E+00	U
WG	W-14	525287	005	10/20/20	Ag-110m	4.70E-01	1.74E+00	6.04E+00	U
WG	W-14	525287	005	10/20/20	Th-228	7.92E+00	3.32E+00	1.02E+01	U
WG	W-14	525287	005	10/20/20	H-3	-2.73E+01	1.74E+02	5.81E+02	U
WG	W-14	525287	005	10/20/20	Zn-65	2.57E+00	2.26E+00	7.86E+00	U
WG	W-14	525287	005	10/20/20	Zr-95	-2.67E-01	2.36E+00	7.43E+00	U
WG	W-15	525287	006	10/20/20	Ac-228	2.76E+00	5.82E+00	1.97E+01	U
WG	W-15	525287	006	10/20/20	Sb-124	-1.18E+00	3.35E+00	1.03E+01	U
WG	W-15	525287	006	10/20/20	Sb-125	1.82E+00	3.14E+00	1.08E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-15	525287	006	10/20/20	Ba-140	-1.35E+00	6.87E+00	2.23E+01	U
WG	W-15	525287	006	10/20/20	Be-7	-4.89E+00	8.92E+00	2.80E+01	U
WG	W-15	525287	006	10/20/20	Ce-141	7.94E+00	3.66E+00	6.43E+00	UI
WG	W-15	525287	006	10/20/20	Ce-144	8.64E+00	7.26E+00	2.39E+01	U
WG	W-15	525287	006	10/20/20	Cs-134	-9.81E-01	1.41E+00	4.13E+00	U
WG	W-15	525287	006	10/20/20	Cs-137	1.04E+00	1.10E+00	3.57E+00	U
WG	W-15	525287	006	10/20/20	Cr-51	-1.28E+00	1.07E+01	3.61E+01	U
WG	W-15	525287	006	10/20/20	Co-57	9.83E-01	9.42E-01	3.12E+00	U
WG	W-15	525287	006	10/20/20	Co-58	-4.55E-01	1.09E+00	2.84E+00	U
WG	W-15	525287	006	10/20/20	Co-60	1.78E+00	1.46E+00	5.27E+00	U
WG	W-15	525287	006	10/20/20	I-131	-3.48E+00	2.71E+00	7.92E+00	U
WG	W-15	525287	006	10/20/20	Fe-59	-5.71E-02	2.41E+00	8.11E+00	U
WG	W-15	525287	006	10/20/20	La-140	-6.08E-01	2.59E+00	8.20E+00	U
WG	W-15	525287	006	10/20/20	Mn-54	3.90E-01	1.08E+00	3.60E+00	U
WG	W-15	525287	006	10/20/20	Nb-95	-1.60E+00	9.95E-01	2.16E+00	U
WG	W-15	525287	006	10/20/20	K-40	7.96E+00	1.87E+01	6.90E+01	U
WG	W-15	525287	006	10/20/20	Ru-103	-5.13E-01	1.16E+00	3.67E+00	U
WG	W-15	525287	006	10/20/20	Ru-106	1.53E+00	1.08E+01	3.58E+01	U
WG	W-15	525287	006	10/20/20	Se-75	1.60E-01	1.50E+00	5.18E+00	U
WG	W-15	525287	006	10/20/20	Ag-108m	-5.63E-02	9.79E-01	3.26E+00	U
WG	W-15	525287	006	10/20/20	Ag-110m	-1.47E+00	2.46E+00	4.60E+00	U
WG	W-15	525287	006	10/20/20	Th-228	-6.20E+00	3.70E+00	1.22E+01	U
WG	W-15	525287	006	10/20/20	H-3	1.11E+02	1.99E+02	6.23E+02	U
WG	W-15	525287	006	10/20/20	Zn-65	2.25E+00	2.79E+00	9.92E+00	U
WG	W-15	525287	006	10/20/20	Zr-95	-1.19E+00	1.90E+00	5.56E+00	U
WG	MW-20	525287	007	10/20/20	Ac-228	-1.12E+01	5.71E+00	1.48E+01	U
WG	MW-20	525287	007	10/20/20	Sb-124	-1.64E+00	3.06E+00	8.93E+00	U
WG	MW-20	525287	007	10/20/20	Sb-125	8.22E+00	7.98E+00	1.04E+01	U
WG	MW-20	525287	007	10/20/20	Ba-140	-6.72E+00	6.81E+00	2.00E+01	U
WG	MW-20	525287	007	10/20/20	Be-7	5.52E+00	1.02E+01	3.18E+01	U
WG	MW-20	525287	007	10/20/20	Ce-141	-1.38E+00	1.97E+00	6.08E+00	U
WG	MW-20	525287	007	10/20/20	Ce-144	1.79E+00	7.59E+00	2.50E+01	U
WG	MW-20	525287	007	10/20/20	Cs-134	-1.41E+00	1.31E+00	3.56E+00	U
WG	MW-20	525287	007	10/20/20	Cs-137	1.01E+00	1.36E+00	4.49E+00	U
WG	MW-20	525287	007	10/20/20	Cr-51	1.55E+01	1.13E+01	3.65E+01	U
WG	MW-20	525287	007	10/20/20	Co-57	2.60E-02	9.20E-01	3.02E+00	U
WG	MW-20	525287	007	10/20/20	Co-58	1.36E+00	1.01E+00	3.38E+00	U
WG	MW-20	525287	007	10/20/20	Co-60	1.37E+00	1.22E+00	4.38E+00	U
WG	MW-20	525287	007	10/20/20	I-131	2.24E-01	2.99E+00	1.02E+01	U
WG	MW-20	525287	007	10/20/20	Fe-59	-1.79E+00	2.03E+00	5.85E+00	U
WG	MW-20	525287	007	10/20/20	La-140	3.82E+00	2.40E+00	8.87E+00	U
WG	MW-20	525287	007	10/20/20	Mn-54	-3.59E-02	1.13E+00	3.59E+00	U
WG	MW-20	525287	007	10/20/20	Nb-95	-1.90E+00	1.35E+00	3.53E+00	U
WG	MW-20	525287	007	10/20/20	K-40	-4.03E+00	1.58E+01	5.22E+01	U
WG	MW-20	525287	007	10/20/20	Ru-103	-9.23E-01	1.24E+00	3.81E+00	U
WG	MW-20	525287	007	10/20/20	Ru-106	-1.15E+01	9.67E+00	2.66E+01	U
WG	MW-20	525287	007	10/20/20	Se-75	6.36E-01	1.54E+00	4.92E+00	U
WG	MW-20	525287	007	10/20/20	Ag-108m	-9.66E-01	8.95E-01	2.66E+00	U
WG	MW-20	525287	007	10/20/20	Ag-110m	-1.78E-01	1.52E+00	5.12E+00	U
WG	MW-20	525287	007	10/20/20	Th-228	-1.85E+00	2.63E+00	8.17E+00	U
WG	MW-20	525287	007	10/20/20	H-3	-9.15E+01	1.67E+02	5.77E+02	U
WG	MW-20	525287	007	10/20/20	Zn-65	8.32E-01	2.31E+00	7.14E+00	U
WG	MW-20	525287	007	10/20/20	Zr-95	-1.34E+00	1.89E+00	5.47E+00	U
WG	W-4	525812	001	10/27/20	Ac-228	-3.43E+00	3.36E+00	8.08E+00	U
WG	W-4	525812	001	10/27/20	Sb-124	-3.82E-01	1.07E+00	3.46E+00	U
WG	W-4	525812	001	10/27/20	Sb-125	2.15E+00	1.63E+00	4.94E+00	U
WG	W-4	525812	001	10/27/20	Ba-140	1.65E+00	2.39E+00	8.07E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-4	525812	001	10/27/20	Be-7	-1.82E+00	4.33E+00	1.43E+01	U
WG	W-4	525812	001	10/27/20	Ce-141	-6.52E-01	1.02E+00	3.20E+00	U
WG	W-4	525812	001	10/27/20	Ce-144	-4.48E-01	3.72E+00	1.19E+01	U
WG	W-4	525812	001	10/27/20	Cs-134	-1.53E+00	8.48E-01	1.58E+00	U
WG	W-4	525812	001	10/27/20	Cs-137	-1.21E-02	5.23E-01	1.73E+00	U
WG	W-4	525812	001	10/27/20	Cr-51	-5.53E+00	4.85E+00	1.56E+01	U
WG	W-4	525812	001	10/27/20	Co-57	-4.46E-01	5.12E-01	1.59E+00	U
WG	W-4	525812	001	10/27/20	Co-58	-6.16E-01	4.81E-01	1.40E+00	U
WG	W-4	525812	001	10/27/20	Co-60	9.28E-01	5.39E-01	1.84E+00	U
WG	W-4	525812	001	10/27/20	I-131	7.42E-01	8.52E-01	2.91E+00	U
WG	W-4	525812	001	10/27/20	Fe-59	-3.37E-01	1.12E+00	3.09E+00	U
WG	W-4	525812	001	10/27/20	La-140	1.40E-01	7.62E-01	2.58E+00	U
WG	W-4	525812	001	10/27/20	Mn-54	-1.30E-01	5.10E-01	1.64E+00	U
WG	W-4	525812	001	10/27/20	Nb-95	9.21E-02	6.11E-01	1.80E+00	U
WG	W-4	525812	001	10/27/20	K-40	1.64E+00	1.37E+01	1.21E+01	U
WG	W-4	525812	001	10/27/20	Ru-103	-7.29E-01	5.35E-01	1.62E+00	U
WG	W-4	525812	001	10/27/20	Ru-106	9.35E+00	4.96E+00	1.59E+01	U
WG	W-4	525812	001	10/27/20	Se-75	-2.25E-01	7.54E-01	2.33E+00	U
WG	W-4	525812	001	10/27/20	Ag-108m	-3.22E-01	4.63E-01	1.35E+00	U
WG	W-4	525812	001	10/27/20	Ag-110m	-4.56E-01	7.24E-01	1.98E+00	U
WG	W-4	525812	001	10/27/20	Th-228	3.40E+00	1.90E+00	3.20E+00	UI
WG	W-4	525812	001	10/27/20	H-3	7.14E+02	4.64E+02	1.41E+03	U
WG	W-4	525812	001	10/27/20	Zn-65	1.63E-01	1.14E+00	3.28E+00	U
WG	W-4	525812	001	10/27/20	Zr-95	2.40E+00	1.36E+00	2.99E+00	U
WG	W-5	525812	002	10/27/20	Ac-228	-3.05E-01	3.02E+00	7.39E+00	U
WG	W-5	525812	002	10/27/20	Sb-124	3.66E-01	9.86E-01	3.34E+00	U
WG	W-5	525812	002	10/27/20	Sb-125	1.53E+00	1.30E+00	4.36E+00	U
WG	W-5	525812	002	10/27/20	Ba-140	-5.69E+00	3.17E+00	7.11E+00	U
WG	W-5	525812	002	10/27/20	Be-7	-2.76E-01	3.90E+00	1.30E+01	U
WG	W-5	525812	002	10/27/20	Ce-141	-1.24E+00	8.53E-01	2.48E+00	U
WG	W-5	525812	002	10/27/20	Ce-144	1.16E+00	3.08E+00	9.98E+00	U
WG	W-5	525812	002	10/27/20	Cs-134	6.19E-01	4.85E-01	1.61E+00	U
WG	W-5	525812	002	10/27/20	Cs-137	3.24E-02	4.69E-01	1.55E+00	U
WG	W-5	525812	002	10/27/20	Cr-51	1.44E+00	3.98E+00	1.37E+01	U
WG	W-5	525812	002	10/27/20	Co-57	4.19E-01	4.20E-01	1.35E+00	U
WG	W-5	525812	002	10/27/20	Co-58	-1.04E-01	4.36E-01	1.39E+00	U
WG	W-5	525812	002	10/27/20	Co-60	-1.86E-01	4.90E-01	1.60E+00	U
WG	W-5	525812	002	10/27/20	I-131	-6.34E-02	7.11E-01	2.41E+00	U
WG	W-5	525812	002	10/27/20	Fe-59	-1.56E+00	1.03E+00	2.70E+00	U
WG	W-5	525812	002	10/27/20	La-140	-7.83E-01	7.07E-01	2.06E+00	U
WG	W-5	525812	002	10/27/20	Mn-54	-7.36E-01	4.80E-01	1.32E+00	U
WG	W-5	525812	002	10/27/20	Nb-95	-5.04E-01	5.00E-01	1.50E+00	U
WG	W-5	525812	002	10/27/20	K-40	-1.22E+01	9.09E+00	2.30E+01	U
WG	W-5	525812	002	10/27/20	Ru-103	3.53E-01	5.44E-01	1.36E+00	U
WG	W-5	525812	002	10/27/20	Ru-106	6.20E-02	3.63E+00	1.20E+01	U
WG	W-5	525812	002	10/27/20	Se-75	1.78E-01	6.37E-01	2.00E+00	U
WG	W-5	525812	002	10/27/20	Ag-108m	-7.53E-01	4.36E-01	1.26E+00	U
WG	W-5	525812	002	10/27/20	Ag-110m	-7.00E-01	5.99E-01	1.71E+00	U
WG	W-5	525812	002	10/27/20	Th-228	-9.58E-01	1.32E+00	3.45E+00	U
WG	W-5	525812	002	10/27/20	H-3	4.14E+02	4.65E+02	1.47E+03	U
WG	W-5	525812	002	10/27/20	Zn-65	-2.58E-01	1.50E+00	3.21E+00	U
WG	W-5	525812	002	10/27/20	Zr-95	1.42E+00	8.79E-01	2.88E+00	U
WG	W-6	525812	003	10/27/20	Ac-228	3.38E+00	4.81E+00	9.52E+00	U
WG	W-6	525812	003	10/27/20	Sb-124	1.29E+00	1.40E+00	4.74E+00	U
WG	W-6	525812	003	10/27/20	Sb-125	-2.41E+00	1.62E+00	4.76E+00	U
WG	W-6	525812	003	10/27/20	Ba-140	5.86E+00	2.94E+00	9.27E+00	U
WG	W-6	525812	003	10/27/20	Be-7	2.10E+00	4.57E+00	1.52E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	W-6	525812	003	10/27/20	Ce-141	2.75E-02	1.22E+00	3.54E+00	U
WG	W-6	525812	003	10/27/20	Ce-144	6.62E+00	4.38E+00	1.35E+01	U
WG	W-6	525812	003	10/27/20	Cs-134	1.14E-01	5.93E-01	1.91E+00	U
WG	W-6	525812	003	10/27/20	Cs-137	-1.28E-01	7.46E-01	1.87E+00	U
WG	W-6	525812	003	10/27/20	Cr-51	-6.34E+00	5.52E+00	1.73E+01	U
WG	W-6	525812	003	10/27/20	Co-57	-6.94E-01	5.78E-01	1.71E+00	U
WG	W-6	525812	003	10/27/20	Co-58	-2.83E-01	4.76E-01	1.45E+00	U
WG	W-6	525812	003	10/27/20	Co-60	1.80E-01	6.09E-01	2.05E+00	U
WG	W-6	525812	003	10/27/20	I-131	3.67E-01	9.12E-01	3.08E+00	U
WG	W-6	525812	003	10/27/20	Fe-59	-1.05E+00	1.22E+00	3.84E+00	U
WG	W-6	525812	003	10/27/20	La-140	9.97E-01	9.53E-01	3.24E+00	U
WG	W-6	525812	003	10/27/20	Mn-54	1.91E-01	5.48E-01	1.77E+00	U
WG	W-6	525812	003	10/27/20	Nb-95	-1.17E+00	8.57E-01	1.82E+00	U
WG	W-6	525812	003	10/27/20	K-40	4.42E+01	1.67E+01	1.61E+01	UI
WG	W-6	525812	003	10/27/20	Ru-103	-9.11E-01	6.32E-01	1.85E+00	U
WG	W-6	525812	003	10/27/20	Ru-106	-1.31E+01	8.44E+00	1.48E+01	U
WG	W-6	525812	003	10/27/20	Se-75	1.02E+00	8.21E-01	2.75E+00	U
WG	W-6	525812	003	10/27/20	Ag-108m	-1.56E-01	4.87E-01	1.59E+00	U
WG	W-6	525812	003	10/27/20	Ag-110m	9.77E-01	7.89E-01	2.56E+00	U
WG	W-6	525812	003	10/27/20	Th-228	1.54E+00	2.31E+00	3.19E+00	U
WG	W-6	525812	003	10/27/20	H-3	9.47E+02	5.12E+02	1.52E+03	U
WG	W-6	525812	003	10/27/20	Zn-65	6.96E-01	1.34E+00	4.09E+00	U
WG	W-6	525812	003	10/27/20	Zr-95	1.64E+00	1.70E+00	3.15E+00	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-1	502863	001	1/28/20	ALPHA	2.17E+00	1.11E+00	3.22E+00	U
WG	SG-1	502863	001	1/28/20	Ac-228	2.17E+00	3.14E+00	7.42E+00	U
WG	SG-1	502863	001	1/28/20	Sb-124	-6.14E-01	1.08E+00	3.39E+00	U
WG	SG-1	502863	001	1/28/20	Sb-125	-1.06E+00	1.22E+00	3.94E+00	U
WG	SG-1	502863	001	1/28/20	BETA	3.04E+00	1.02E+00	3.10E+00	U
WG	SG-1	502863	001	1/28/20	Ba-140	4.00E+00	2.29E+00	7.40E+00	U
WG	SG-1	502863	001	1/28/20	Be-7	-3.30E+00	4.16E+00	1.19E+01	U
WG	SG-1	502863	001	1/28/20	Ce-141	6.62E-01	1.69E+00	2.62E+00	U
WG	SG-1	502863	001	1/28/20	Ce-144	-2.35E+00	3.15E+00	9.88E+00	U
WG	SG-1	502863	001	1/28/20	Cs-134	3.40E-01	5.05E-01	1.66E+00	U
WG	SG-1	502863	001	1/28/20	Cs-137	-3.39E-01	4.27E-01	1.33E+00	U
WG	SG-1	502863	001	1/28/20	Cr-51	2.40E+00	4.10E+00	1.41E+01	U
WG	SG-1	502863	001	1/28/20	Co-57	-2.06E-01	4.01E-01	1.28E+00	U
WG	SG-1	502863	001	1/28/20	Co-58	3.77E-01	4.57E-01	1.50E+00	U
WG	SG-1	502863	001	1/28/20	Co-60	6.00E-01	4.94E-01	1.68E+00	U
WG	SG-1	502863	001	1/28/20	I-131	-5.72E-02	7.59E-01	2.58E+00	U
WG	SG-1	502863	001	1/28/20	Fe-59	-6.26E-01	8.57E-01	2.77E+00	U
WG	SG-1	502863	001	1/28/20	La-140	-4.01E-01	7.18E-01	2.26E+00	U
WG	SG-1	502863	001	1/28/20	Mn-54	-5.00E-01	4.72E-01	1.41E+00	U
WG	SG-1	502863	001	1/28/20	Nb-95	2.71E-01	1.09E+00	1.71E+00	U
WG	SG-1	502863	001	1/28/20	K-40	-5.44E+00	1.03E+01	2.29E+01	U
WG	SG-1	502863	001	1/28/20	Ru-103	-8.07E-01	5.09E-01	1.50E+00	U
WG	SG-1	502863	001	1/28/20	Ru-106	2.11E-01	3.98E+00	1.31E+01	U
WG	SG-1	502863	001	1/28/20	Se-75	1.34E+00	7.36E-01	2.19E+00	U
WG	SG-1	502863	001	1/28/20	Ag-108m	-7.55E-01	4.21E-01	1.21E+00	U
WG	SG-1	502863	001	1/28/20	Ag-110m	1.48E+00	6.60E-01	2.03E+00	U
WG	SG-1	502863	001	1/28/20	Th-228	1.17E+00	2.09E+00	2.84E+00	U
WG	SG-1	502863	001	1/28/20	H-3	7.31E+02	3.80E+02	1.07E+03	U
WG	SG-1	502863	001	1/28/20	Zn-65	1.55E+00	1.00E+00	3.09E+00	U
WG	SG-1	502863	001	1/28/20	Zr-95	3.91E-01	7.55E-01	2.49E+00	U
WG	SG-2	502863	002	1/28/20	ALPHA	1.79E-01	7.90E-01	2.57E+00	U
WG	SG-2	502863	002	1/28/20	Ac-228	-4.13E+00	4.86E+00	1.13E+01	U
WG	SG-2	502863	002	1/28/20	Sb-124	-5.17E-01	1.88E+00	6.00E+00	U
WG	SG-2	502863	002	1/28/20	Sb-125	1.90E+00	1.75E+00	5.98E+00	U
WG	SG-2	502863	002	1/28/20	BETA	3.39E+00	6.48E-01	1.75E+00	M
WG	SG-2	502863	002	1/28/20	Ba-140	-8.33E-01	3.31E+00	1.10E+01	U
WG	SG-2	502863	002	1/28/20	Be-7	-1.46E+00	5.80E+00	1.94E+01	U
WG	SG-2	502863	002	1/28/20	Ce-141	-3.60E+00	1.41E+00	3.47E+00	U
WG	SG-2	502863	002	1/28/20	Ce-144	-6.91E+00	4.69E+00	1.42E+01	U
WG	SG-2	502863	002	1/28/20	Cs-134	1.61E+00	1.35E+00	2.60E+00	U
WG	SG-2	502863	002	1/28/20	Cs-137	-1.36E-02	6.53E-01	2.16E+00	U
WG	SG-2	502863	002	1/28/20	Cr-51	-1.04E+01	7.26E+00	2.04E+01	U
WG	SG-2	502863	002	1/28/20	Co-57	4.55E-01	5.61E-01	1.87E+00	U
WG	SG-2	502863	002	1/28/20	Co-58	4.69E-01	7.26E-01	2.41E+00	U
WG	SG-2	502863	002	1/28/20	Co-60	1.31E+00	7.98E-01	2.73E+00	U
WG	SG-2	502863	002	1/28/20	I-131	3.55E-01	1.32E+00	4.16E+00	U
WG	SG-2	502863	002	1/28/20	Fe-59	-2.30E-01	1.58E+00	4.68E+00	U
WG	SG-2	502863	002	1/28/20	La-140	-6.76E-01	1.45E+00	3.96E+00	U
WG	SG-2	502863	002	1/28/20	Mn-54	-9.53E-02	6.56E-01	2.11E+00	U
WG	SG-2	502863	002	1/28/20	Nb-95	-5.69E-01	7.08E-01	2.18E+00	U
WG	SG-2	502863	002	1/28/20	K-40	-1.34E+01	1.53E+01	3.53E+01	U
WG	SG-2	502863	002	1/28/20	Ru-103	-7.17E-01	7.32E-01	2.05E+00	U
WG	SG-2	502863	002	1/28/20	Ru-106	5.72E+00	5.97E+00	2.01E+01	U
WG	SG-2	502863	002	1/28/20	Se-75	1.34E+00	9.66E-01	3.04E+00	U
WG	SG-2	502863	002	1/28/20	Ag-108m	-1.44E+00	9.59E-01	2.02E+00	U
WG	SG-2	502863	002	1/28/20	Ag-110m	-7.73E-01	8.28E-01	2.43E+00	U
WG	SG-2	502863	002	1/28/20	Th-228	2.07E+00	2.74E+00	3.89E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-2	502863	002	1/28/20	H-3	7.30E+02	3.79E+02	1.07E+03	U
WG	SG-2	502863	002	1/28/20	Zn-65	-5.91E-01	1.68E+00	4.89E+00	U
WG	SG-2	502863	002	1/28/20	Zr-95	-8.50E-03	1.20E+00	3.91E+00	U
WG	SG-4	502863	003	1/28/20	ALPHA	3.75E+00	8.37E-01	1.78E+00	M
WG	SG-4	502863	003	1/28/20	Ac-228	-1.86E+00	3.90E+00	8.61E+00	U
WG	SG-4	502863	003	1/28/20	Sb-124	-3.41E-01	1.36E+00	4.46E+00	U
WG	SG-4	502863	003	1/28/20	Sb-125	-1.86E+00	1.50E+00	4.46E+00	U
WG	SG-4	502863	003	1/28/20	BETA	4.85E+00	8.30E-01	2.12E+00	
WG	SG-4	502863	003	1/28/20	Ba-140	-9.52E-01	2.87E+00	9.05E+00	U
WG	SG-4	502863	003	1/28/20	Be-7	-1.99E-01	4.84E+00	1.56E+01	U
WG	SG-4	502863	003	1/28/20	Ce-141	-4.45E-01	8.08E-01	2.73E+00	U
WG	SG-4	502863	003	1/28/20	Ce-144	-3.80E+00	3.24E+00	9.43E+00	U
WG	SG-4	502863	003	1/28/20	Cs-134	8.97E-01	6.82E-01	2.28E+00	U
WG	SG-4	502863	003	1/28/20	Cs-137	1.84E-01	5.54E-01	1.89E+00	U
WG	SG-4	502863	003	1/28/20	Cr-51	1.95E+00	4.52E+00	1.51E+01	U
WG	SG-4	502863	003	1/28/20	Co-57	2.80E-01	4.07E-01	1.27E+00	U
WG	SG-4	502863	003	1/28/20	Co-58	-1.01E-01	5.87E-01	1.95E+00	U
WG	SG-4	502863	003	1/28/20	Co-60	8.90E-01	6.56E-01	2.17E+00	U
WG	SG-4	502863	003	1/28/20	I-131	-5.44E-01	1.83E+00	3.12E+00	U
WG	SG-4	502863	003	1/28/20	Fe-59	6.10E-01	1.30E+00	4.32E+00	U
WG	SG-4	502863	003	1/28/20	La-140	-5.54E-01	1.01E+00	3.24E+00	U
WG	SG-4	502863	003	1/28/20	Mn-54	5.58E-01	6.07E-01	2.05E+00	U
WG	SG-4	502863	003	1/28/20	Nb-95	5.34E-01	6.65E-01	2.25E+00	U
WG	SG-4	502863	003	1/28/20	K-40	1.74E+01	1.50E+01	1.93E+01	U
WG	SG-4	502863	003	1/28/20	Ru-103	-5.66E-01	6.33E-01	1.93E+00	U
WG	SG-4	502863	003	1/28/20	Ru-106	-1.40E+00	4.77E+00	1.60E+01	U
WG	SG-4	502863	003	1/28/20	Se-75	-2.71E-01	6.46E-01	2.13E+00	U
WG	SG-4	502863	003	1/28/20	Ag-108m	-7.86E-01	5.27E-01	1.52E+00	U
WG	SG-4	502863	003	1/28/20	Ag-110m	1.28E-01	7.66E-01	2.56E+00	U
WG	SG-4	502863	003	1/28/20	Th-228	5.43E+00	2.01E+00	2.69E+00	
WG	SG-4	502863	003	1/28/20	H-3	8.20E+02	3.88E+02	1.08E+03	U
WG	SG-4	502863	003	1/28/20	Zn-65	-3.24E-02	1.45E+00	4.13E+00	U
WG	SG-4	502863	003	1/28/20	Zr-95	1.43E+00	1.23E+00	3.61E+00	U
WG	SG-5	502863	004	1/28/20	ALPHA	6.67E-01	1.08E+00	3.44E+00	U
WG	SG-5	502863	004	1/28/20	Ac-228	4.83E+00	4.23E+00	8.22E+00	U
WG	SG-5	502863	004	1/28/20	Sb-124	2.82E-01	1.33E+00	4.38E+00	U
WG	SG-5	502863	004	1/28/20	Sb-125	-8.45E-01	1.42E+00	4.52E+00	U
WG	SG-5	502863	004	1/28/20	BETA	8.74E+00	1.28E+00	3.05E+00	
WG	SG-5	502863	004	1/28/20	Ba-140	6.58E-01	2.64E+00	8.51E+00	U
WG	SG-5	502863	004	1/28/20	Be-7	-3.98E+00	4.91E+00	1.52E+01	U
WG	SG-5	502863	004	1/28/20	Ce-141	-2.31E+00	1.03E+00	2.68E+00	U
WG	SG-5	502863	004	1/28/20	Ce-144	9.04E-01	3.11E+00	1.02E+01	U
WG	SG-5	502863	004	1/28/20	Cs-134	-2.60E-01	5.70E-01	1.84E+00	U
WG	SG-5	502863	004	1/28/20	Cs-137	-5.67E-01	5.18E-01	1.62E+00	U
WG	SG-5	502863	004	1/28/20	Cr-51	8.29E-02	4.65E+00	1.56E+01	U
WG	SG-5	502863	004	1/28/20	Co-57	5.27E-01	4.39E-01	1.42E+00	U
WG	SG-5	502863	004	1/28/20	Co-58	1.88E-01	5.10E-01	1.71E+00	U
WG	SG-5	502863	004	1/28/20	Co-60	-1.08E+00	6.50E-01	1.80E+00	U
WG	SG-5	502863	004	1/28/20	I-131	-8.90E-01	9.20E-01	2.89E+00	U
WG	SG-5	502863	004	1/28/20	Fe-59	-6.18E-01	1.11E+00	3.43E+00	U
WG	SG-5	502863	004	1/28/20	La-140	1.95E-01	8.26E-01	2.39E+00	U
WG	SG-5	502863	004	1/28/20	Mn-54	-3.69E-01	5.73E-01	1.82E+00	U
WG	SG-5	502863	004	1/28/20	Nb-95	5.49E-01	5.60E-01	1.88E+00	U
WG	SG-5	502863	004	1/28/20	K-40	1.14E+01	1.63E+01	1.93E+01	U
WG	SG-5	502863	004	1/28/20	Ru-103	-1.38E+00	6.67E-01	1.73E+00	U
WG	SG-5	502863	004	1/28/20	Ru-106	2.19E-01	4.34E+00	1.47E+01	U
WG	SG-5	502863	004	1/28/20	Se-75	-4.83E-01	6.39E-01	2.10E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-5	502863	004	1/28/20	Ag-108m	4.16E-01	4.60E-01	1.51E+00	U
WG	SG-5	502863	004	1/28/20	Ag-110m	-2.02E-01	7.39E-01	2.39E+00	U
WG	SG-5	502863	004	1/28/20	Th-228	4.20E+00	1.94E+00	2.98E+00	
WG	SG-5	502863	004	1/28/20	H-3	5.04E+02	3.64E+02	1.08E+03	U
WG	SG-5	502863	004	1/28/20	Zn-65	3.42E-01	1.12E+00	3.20E+00	U
WG	SG-5	502863	004	1/28/20	Zr-95	1.04E+00	9.18E-01	3.09E+00	U
WG	SG-1	510078	003	4/21/20	ALPHA	1.95E+00	8.12E-01	2.19E+00	U
WG	SG-1	510078	003	4/21/20	Ac-228	3.59E+00	4.22E+00	1.26E+01	U
WG	SG-1	510078	003	4/21/20	Sb-124	-1.97E+00	2.24E+00	6.66E+00	U
WG	SG-1	510078	003	4/21/20	Sb-125	-3.36E+00	2.69E+00	7.77E+00	U
WG	SG-1	510078	003	4/21/20	BETA	2.43E+00	7.58E-01	2.25E+00	M
WG	SG-1	510078	003	4/21/20	Ba-140	1.45E+00	5.00E+00	1.69E+01	U
WG	SG-1	510078	003	4/21/20	Be-7	-1.74E+01	9.13E+00	2.51E+01	U
WG	SG-1	510078	003	4/21/20	Ce-141	2.66E+00	2.93E+00	5.68E+00	U
WG	SG-1	510078	003	4/21/20	Ce-144	1.97E+01	1.03E+01	2.03E+01	U
WG	SG-1	510078	003	4/21/20	Cs-134	-1.83E-01	9.30E-01	2.98E+00	U
WG	SG-1	510078	003	4/21/20	Cs-137	4.99E-01	1.01E+00	3.32E+00	U
WG	SG-1	510078	003	4/21/20	Cr-51	1.15E+01	1.02E+01	3.34E+01	U
WG	SG-1	510078	003	4/21/20	Co-57	-4.63E-01	9.14E-01	2.89E+00	U
WG	SG-1	510078	003	4/21/20	Co-58	-1.46E-01	1.12E+00	3.38E+00	U
WG	SG-1	510078	003	4/21/20	Co-60	1.59E+00	1.12E+00	3.81E+00	U
WG	SG-1	510078	003	4/21/20	I-131	7.80E-02	2.02E+00	6.57E+00	U
WG	SG-1	510078	003	4/21/20	Fe-59	3.78E+00	2.16E+00	7.29E+00	U
WG	SG-1	510078	003	4/21/20	La-140	-5.73E-01	1.77E+00	5.72E+00	U
WG	SG-1	510078	003	4/21/20	Mn-54	9.03E-01	9.31E-01	3.11E+00	U
WG	SG-1	510078	003	4/21/20	Nb-95	-1.21E-01	9.53E-01	3.08E+00	U
WG	SG-1	510078	003	4/21/20	K-40	-9.58E+00	1.47E+01	4.47E+01	U
WG	SG-1	510078	003	4/21/20	Ru-103	-1.48E+00	1.23E+00	3.21E+00	U
WG	SG-1	510078	003	4/21/20	Ru-106	-5.40E+00	1.02E+01	2.99E+01	U
WG	SG-1	510078	003	4/21/20	Se-75	-1.19E+00	1.32E+00	4.15E+00	U
WG	SG-1	510078	003	4/21/20	Ag-108m	8.47E-01	8.63E-01	2.82E+00	U
WG	SG-1	510078	003	4/21/20	Ag-110m	1.03E+00	1.34E+00	4.43E+00	U
WG	SG-1	510078	003	4/21/20	Th-228	3.68E+00	3.00E+00	6.68E+00	U
WG	SG-1	510078	003	4/21/20	H-3	1.65E+02	3.56E+02	1.14E+03	U
WG	SG-1	510078	003	4/21/20	Zn-65	9.43E-01	2.27E+00	6.67E+00	U
WG	SG-1	510078	003	4/21/20	Zr-95	-5.83E-01	1.82E+00	5.82E+00	U
WG	SG-2	510078	004	4/21/20	ALPHA	4.25E-01	7.09E-01	2.25E+00	U
WG	SG-2	510078	004	4/21/20	Ac-228	2.52E-01	6.20E+00	8.37E+00	U
WG	SG-2	510078	004	4/21/20	Sb-124	6.89E-01	1.58E+00	5.32E+00	U
WG	SG-2	510078	004	4/21/20	Sb-125	3.52E+00	4.13E+00	5.87E+00	U
WG	SG-2	510078	004	4/21/20	BETA	3.11E+00	4.64E-01	1.02E+00	M
WG	SG-2	510078	004	4/21/20	Ba-140	-4.52E+00	3.72E+00	1.07E+01	U
WG	SG-2	510078	004	4/21/20	Be-7	-3.69E+00	6.29E+00	1.98E+01	U
WG	SG-2	510078	004	4/21/20	Ce-141	-1.05E+00	1.62E+00	4.51E+00	U
WG	SG-2	510078	004	4/21/20	Ce-144	4.06E+00	5.21E+00	1.67E+01	U
WG	SG-2	510078	004	4/21/20	Cs-134	-6.30E-01	8.63E-01	2.78E+00	U
WG	SG-2	510078	004	4/21/20	Cs-137	-2.40E-01	7.69E-01	2.41E+00	U
WG	SG-2	510078	004	4/21/20	Cr-51	-3.54E+00	6.95E+00	2.28E+01	U
WG	SG-2	510078	004	4/21/20	Co-57	-1.22E-02	6.20E-01	1.98E+00	U
WG	SG-2	510078	004	4/21/20	Co-58	6.77E-01	7.34E-01	2.57E+00	U
WG	SG-2	510078	004	4/21/20	Co-60	3.43E-01	6.99E-01	2.38E+00	U
WG	SG-2	510078	004	4/21/20	I-131	-6.42E-01	1.50E+00	4.90E+00	U
WG	SG-2	510078	004	4/21/20	Fe-59	6.92E-01	1.46E+00	4.47E+00	U
WG	SG-2	510078	004	4/21/20	La-140	-5.58E-01	1.25E+00	3.23E+00	U
WG	SG-2	510078	004	4/21/20	Mn-54	-2.69E-01	7.37E-01	2.44E+00	U
WG	SG-2	510078	004	4/21/20	Nb-95	-8.45E-01	8.44E-01	2.43E+00	U
WG	SG-2	510078	004	4/21/20	K-40	3.41E+01	2.02E+01	2.28E+01	UI

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-2	510078	004	4/21/20	Ru-103	-1.50E+00	8.88E-01	2.42E+00	U
WG	SG-2	510078	004	4/21/20	Ru-106	-9.10E+00	6.62E+00	1.83E+01	U
WG	SG-2	510078	004	4/21/20	Se-75	-7.96E-01	1.01E+00	3.29E+00	U
WG	SG-2	510078	004	4/21/20	Ag-108m	-3.74E-01	6.54E-01	2.08E+00	U
WG	SG-2	510078	004	4/21/20	Ag-110m	4.10E+00	1.67E+00	3.24E+00	UI
WG	SG-2	510078	004	4/21/20	Th-228	5.34E-01	2.32E+00	5.29E+00	U
WG	SG-2	510078	004	4/21/20	H-3	2.86E+02	3.63E+02	1.14E+03	U
WG	SG-2	510078	004	4/21/20	Zn-65	-6.50E-01	1.58E+00	4.36E+00	U
WG	SG-2	510078	004	4/21/20	Zr-95	-2.24E+00	1.52E+00	4.02E+00	U
WG	SG-4	510078	005	4/21/20	ALPHA	3.05E+00	1.81E+00	3.67E+00	U
WG	SG-4	510078	005	4/21/20	Ac-228	4.83E+00	6.73E+00	1.19E+01	U
WG	SG-4	510078	005	4/21/20	Sb-124	1.10E+00	1.54E+00	5.43E+00	U
WG	SG-4	510078	005	4/21/20	Sb-125	-1.26E+00	1.84E+00	5.93E+00	U
WG	SG-4	510078	005	4/21/20	BETA	5.90E+00	1.51E+00	3.53E+00	
WG	SG-4	510078	005	4/21/20	Ba-140	-2.91E+00	3.86E+00	1.22E+01	U
WG	SG-4	510078	005	4/21/20	Be-7	5.02E+00	6.04E+00	2.07E+01	U
WG	SG-4	510078	005	4/21/20	Ce-141	-2.99E+00	1.96E+00	4.43E+00	U
WG	SG-4	510078	005	4/21/20	Ce-144	3.01E+00	5.30E+00	1.72E+01	U
WG	SG-4	510078	005	4/21/20	Cs-134	-8.62E-01	8.36E-01	2.46E+00	U
WG	SG-4	510078	005	4/21/20	Cs-137	1.95E+00	7.70E-01	2.01E+00	U
WG	SG-4	510078	005	4/21/20	Cr-51	-9.19E+00	7.25E+00	2.26E+01	U
WG	SG-4	510078	005	4/21/20	Co-57	-3.16E-01	6.91E-01	2.18E+00	U
WG	SG-4	510078	005	4/21/20	Co-58	-2.44E-01	6.22E-01	1.96E+00	U
WG	SG-4	510078	005	4/21/20	Co-60	-6.09E-01	9.08E-01	2.61E+00	U
WG	SG-4	510078	005	4/21/20	I-131	4.10E-01	1.50E+00	5.15E+00	U
WG	SG-4	510078	005	4/21/20	Fe-59	1.93E+00	1.50E+00	5.06E+00	U
WG	SG-4	510078	005	4/21/20	La-140	3.10E+00	2.39E+00	4.82E+00	U
WG	SG-4	510078	005	4/21/20	Mn-54	6.64E-01	6.87E-01	2.32E+00	U
WG	SG-4	510078	005	4/21/20	Nb-95	9.64E-01	8.57E-01	2.64E+00	U
WG	SG-4	510078	005	4/21/20	K-40	2.99E+01	1.79E+01	1.41E+01	UI
WG	SG-4	510078	005	4/21/20	Ru-103	-9.06E-01	8.85E-01	2.41E+00	U
WG	SG-4	510078	005	4/21/20	Ru-106	1.12E+01	6.89E+00	2.31E+01	U
WG	SG-4	510078	005	4/21/20	Se-75	-1.30E+00	1.15E+00	3.29E+00	U
WG	SG-4	510078	005	4/21/20	Ag-108m	1.16E+00	7.45E-01	2.49E+00	U
WG	SG-4	510078	005	4/21/20	Ag-110m	1.38E+00	9.82E-01	3.09E+00	U
WG	SG-4	510078	005	4/21/20	Th-228	1.26E+00	2.68E+00	4.98E+00	U
WG	SG-4	510078	005	4/21/20	H-3	4.31E+01	3.50E+02	1.14E+03	U
WG	SG-4	510078	005	4/21/20	Zn-65	-1.10E-01	1.77E+00	4.98E+00	U
WG	SG-4	510078	005	4/21/20	Zr-95	1.25E-01	1.34E+00	4.40E+00	U
WG	SG-5	510078	006	4/21/20	ALPHA	-3.08E+00	1.30E+00	4.67E+00	U
WG	SG-5	510078	006	4/21/20	Ac-228	8.98E-01	5.10E+00	1.08E+01	U
WG	SG-5	510078	006	4/21/20	Sb-124	5.42E-01	1.54E+00	4.72E+00	U
WG	SG-5	510078	006	4/21/20	Sb-125	-2.80E+00	1.90E+00	5.57E+00	U
WG	SG-5	510078	006	4/21/20	BETA	1.22E+01	1.39E+00	2.40E+00	
WG	SG-5	510078	006	4/21/20	Ba-140	-5.49E+00	3.70E+00	1.04E+01	U
WG	SG-5	510078	006	4/21/20	Be-7	-7.76E+00	6.14E+00	1.83E+01	U
WG	SG-5	510078	006	4/21/20	Ce-141	-8.67E-01	1.33E+00	4.17E+00	U
WG	SG-5	510078	006	4/21/20	Ce-144	4.80E-01	4.96E+00	1.61E+01	U
WG	SG-5	510078	006	4/21/20	Cs-134	-2.80E+00	1.25E+00	2.24E+00	U
WG	SG-5	510078	006	4/21/20	Cs-137	-5.24E-02	6.82E-01	2.23E+00	U
WG	SG-5	510078	006	4/21/20	Cr-51	2.78E+00	6.41E+00	2.23E+01	U
WG	SG-5	510078	006	4/21/20	Co-57	-2.15E-01	6.18E-01	1.98E+00	U
WG	SG-5	510078	006	4/21/20	Co-58	5.25E-01	7.77E-01	2.61E+00	U
WG	SG-5	510078	006	4/21/20	Co-60	3.77E-01	7.02E-01	2.45E+00	U
WG	SG-5	510078	006	4/21/20	I-131	-1.53E+00	1.29E+00	3.97E+00	U
WG	SG-5	510078	006	4/21/20	Fe-59	-3.81E-01	1.39E+00	4.29E+00	U
WG	SG-5	510078	006	4/21/20	La-140	4.57E-01	1.18E+00	3.65E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-5	510078	006	4/21/20	Mn-54	-1.19E+00	8.64E-01	2.02E+00	U
WG	SG-5	510078	006	4/21/20	Nb-95	-6.98E-01	7.50E-01	2.23E+00	U
WG	SG-5	510078	006	4/21/20	K-40	1.69E+01	1.59E+01	2.62E+01	U
WG	SG-5	510078	006	4/21/20	Ru-103	2.60E-01	7.32E-01	2.49E+00	U
WG	SG-5	510078	006	4/21/20	Ru-106	7.37E+00	6.53E+00	2.22E+01	U
WG	SG-5	510078	006	4/21/20	Se-75	3.18E-01	8.91E-01	2.83E+00	U
WG	SG-5	510078	006	4/21/20	Ag-108m	-3.70E-01	5.57E-01	1.79E+00	U
WG	SG-5	510078	006	4/21/20	Ag-110m	6.80E-01	8.90E-01	3.00E+00	U
WG	SG-5	510078	006	4/21/20	Th-228	2.11E-01	2.64E+00	4.92E+00	U
WG	SG-5	510078	006	4/21/20	H-3	2.06E+02	3.64E+02	1.16E+03	U
WG	SG-5	510078	006	4/21/20	Zn-65	1.71E+00	1.46E+00	4.60E+00	U
WG	SG-5	510078	006	4/21/20	Zr-95	5.06E-01	1.28E+00	4.27E+00	U
WG	SG-1	516148	018	7/15/20	ALPHA	-1.52E-01	1.07E+00	3.55E+00	U
WG	SG-1	516148	018	7/15/20	Ac-228	-7.99E+00	5.44E+00	1.55E+01	U
WG	SG-1	516148	018	7/15/20	Sb-124	3.04E+00	2.52E+00	9.21E+00	U
WG	SG-1	516148	018	7/15/20	Sb-125	1.18E+00	3.30E+00	1.05E+01	U
WG	SG-1	516148	018	7/15/20	BETA	4.78E+00	1.10E+00	3.19E+00	
WG	SG-1	516148	018	7/15/20	Ba-140	-8.92E+00	5.47E+00	1.39E+01	U
WG	SG-1	516148	018	7/15/20	Be-7	5.41E+00	7.79E+00	2.63E+01	U
WG	SG-1	516148	018	7/15/20	Ce-141	9.70E-01	1.94E+00	6.21E+00	U
WG	SG-1	516148	018	7/15/20	Ce-144	-4.33E+00	7.63E+00	2.35E+01	U
WG	SG-1	516148	018	7/15/20	Cs-134	-1.71E+00	1.21E+00	3.36E+00	U
WG	SG-1	516148	018	7/15/20	Cs-137	1.66E-01	1.08E+00	3.69E+00	U
WG	SG-1	516148	018	7/15/20	Cr-51	1.87E+01	9.75E+00	3.23E+01	U
WG	SG-1	516148	018	7/15/20	Co-57	4.05E+00	2.03E+00	2.75E+00	UI
WG	SG-1	516148	018	7/15/20	Co-58	-1.35E+00	1.17E+00	2.80E+00	U
WG	SG-1	516148	018	7/15/20	Co-60	-1.83E+00	1.29E+00	3.75E+00	U
WG	SG-1	516148	018	7/15/20	I-131	8.13E-01	1.63E+00	5.49E+00	U
WG	SG-1	516148	018	7/15/20	Fe-59	-1.65E+00	1.82E+00	5.09E+00	U
WG	SG-1	516148	018	7/15/20	La-140	-2.16E-01	1.85E+00	6.08E+00	U
WG	SG-1	516148	018	7/15/20	Mn-54	-6.25E-01	1.07E+00	3.37E+00	U
WG	SG-1	516148	018	7/15/20	Nb-95	3.44E-01	1.05E+00	3.61E+00	U
WG	SG-1	516148	018	7/15/20	K-40	8.13E+00	1.34E+01	3.23E+01	U
WG	SG-1	516148	018	7/15/20	Ru-103	-6.37E-01	1.19E+00	3.69E+00	U
WG	SG-1	516148	018	7/15/20	Ru-106	-1.93E-01	9.85E+00	2.77E+01	U
WG	SG-1	516148	018	7/15/20	Se-75	1.51E+00	1.43E+00	4.90E+00	U
WG	SG-1	516148	018	7/15/20	Ag-108m	-9.08E-01	9.33E-01	2.76E+00	U
WG	SG-1	516148	018	7/15/20	Ag-110m	-1.32E+00	1.40E+00	4.11E+00	U
WG	SG-1	516148	018	7/15/20	Th-228	3.75E+00	3.36E+00	6.59E+00	U
WG	SG-1	516148	018	7/15/20	H-3	-8.47E+01	2.02E+02	6.80E+02	U
WG	SG-1	516148	018	7/15/20	Zn-65	2.99E+00	2.22E+00	7.28E+00	U
WG	SG-1	516148	018	7/15/20	Zr-95	4.81E-01	1.76E+00	6.04E+00	U
WG	SG-2	516148	019	7/15/20	ALPHA	-7.37E-01	9.23E-01	3.19E+00	U
WG	SG-2	516148	019	7/15/20	Ac-228	-4.03E+00	5.42E+00	1.48E+01	U
WG	SG-2	516148	019	7/15/20	Sb-124	1.97E+00	2.61E+00	9.23E+00	U
WG	SG-2	516148	019	7/15/20	Sb-125	1.24E+00	2.48E+00	8.57E+00	U
WG	SG-2	516148	019	7/15/20	BETA	3.72E+00	7.66E-01	2.12E+00	M
WG	SG-2	516148	019	7/15/20	Ba-140	-6.53E+00	4.64E+00	1.26E+01	U
WG	SG-2	516148	019	7/15/20	Be-7	1.22E+00	8.04E+00	2.71E+01	U
WG	SG-2	516148	019	7/15/20	Ce-141	-2.41E+00	2.06E+00	5.47E+00	U
WG	SG-2	516148	019	7/15/20	Ce-144	-1.81E+00	6.58E+00	1.93E+01	U
WG	SG-2	516148	019	7/15/20	Cs-134	6.21E-01	1.15E+00	3.88E+00	U
WG	SG-2	516148	019	7/15/20	Cs-137	1.05E-01	1.09E+00	3.59E+00	U
WG	SG-2	516148	019	7/15/20	Cr-51	-3.41E+00	1.07E+01	3.20E+01	U
WG	SG-2	516148	019	7/15/20	Co-57	1.26E+00	9.61E-01	3.17E+00	U
WG	SG-2	516148	019	7/15/20	Co-58	8.86E-01	9.83E-01	3.39E+00	U
WG	SG-2	516148	019	7/15/20	Co-60	-8.14E-01	7.92E-01	2.05E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-2	516148	019	7/15/20	I-131	-9.26E-02	1.61E+00	5.43E+00	U
WG	SG-2	516148	019	7/15/20	Fe-59	-2.63E+00	1.91E+00	4.99E+00	U
WG	SG-2	516148	019	7/15/20	La-140	1.39E+00	1.97E+00	6.85E+00	U
WG	SG-2	516148	019	7/15/20	Mn-54	-1.44E-01	8.83E-01	2.77E+00	U
WG	SG-2	516148	019	7/15/20	Nb-95	2.38E-01	9.35E-01	3.09E+00	U
WG	SG-2	516148	019	7/15/20	K-40	2.76E+00	1.26E+01	4.53E+01	U
WG	SG-2	516148	019	7/15/20	Ru-103	3.19E-01	1.03E+00	3.16E+00	U
WG	SG-2	516148	019	7/15/20	Ru-106	2.17E+00	1.08E+01	3.27E+01	U
WG	SG-2	516148	019	7/15/20	Se-75	-2.22E-01	1.46E+00	4.52E+00	U
WG	SG-2	516148	019	7/15/20	Ag-108m	5.52E-01	8.19E-01	2.85E+00	U
WG	SG-2	516148	019	7/15/20	Ag-110m	-6.07E-01	1.51E+00	4.59E+00	U
WG	SG-2	516148	019	7/15/20	Th-228	5.74E+00	4.81E+00	7.93E+00	U
WG	SG-2	516148	019	7/15/20	H-3	3.42E+02	2.35E+02	7.02E+02	U
WG	SG-2	516148	019	7/15/20	Zn-65	1.81E+00	1.91E+00	6.93E+00	U
WG	SG-2	516148	019	7/15/20	Zr-95	3.14E-01	1.68E+00	5.54E+00	U
WG	SG-4	516148	020	7/15/20	ALPHA	7.07E-01	7.40E-01	2.25E+00	U
WG	SG-4	516148	020	7/15/20	Ac-228	-1.05E+01	5.78E+00	1.55E+01	U
WG	SG-4	516148	020	7/15/20	Sb-124	9.18E-02	3.12E+00	1.03E+01	U
WG	SG-4	516148	020	7/15/20	Sb-125	2.01E+00	3.39E+00	1.14E+01	U
WG	SG-4	516148	020	7/15/20	BETA	4.18E+00	8.75E-01	2.47E+00	
WG	SG-4	516148	020	7/15/20	Ba-140	-9.08E-01	5.57E+00	1.78E+01	U
WG	SG-4	516148	020	7/15/20	Be-7	2.85E+00	9.84E+00	3.27E+01	U
WG	SG-4	516148	020	7/15/20	Ce-141	6.53E-01	2.26E+00	7.01E+00	U
WG	SG-4	516148	020	7/15/20	Ce-144	1.70E+00	7.30E+00	2.39E+01	U
WG	SG-4	516148	020	7/15/20	Cs-134	5.61E-01	1.17E+00	4.02E+00	U
WG	SG-4	516148	020	7/15/20	Cs-137	-1.69E+00	1.28E+00	3.69E+00	U
WG	SG-4	516148	020	7/15/20	Cr-51	-1.16E+01	1.02E+01	3.08E+01	U
WG	SG-4	516148	020	7/15/20	Co-57	1.76E+00	1.21E+00	3.33E+00	U
WG	SG-4	516148	020	7/15/20	Co-58	-1.16E+00	1.11E+00	3.25E+00	U
WG	SG-4	516148	020	7/15/20	Co-60	-2.53E+00	1.49E+00	4.22E+00	U
WG	SG-4	516148	020	7/15/20	I-131	6.20E-01	1.86E+00	6.26E+00	U
WG	SG-4	516148	020	7/15/20	Fe-59	2.60E+00	2.39E+00	8.34E+00	U
WG	SG-4	516148	020	7/15/20	La-140	-9.94E-01	1.47E+00	4.30E+00	U
WG	SG-4	516148	020	7/15/20	Mn-54	-3.04E+00	1.37E+00	2.99E+00	U
WG	SG-4	516148	020	7/15/20	Nb-95	-6.06E-01	1.11E+00	3.50E+00	U
WG	SG-4	516148	020	7/15/20	K-40	-1.89E+01	1.51E+01	5.18E+01	U
WG	SG-4	516148	020	7/15/20	Ru-103	9.63E-02	1.31E+00	4.27E+00	U
WG	SG-4	516148	020	7/15/20	Ru-106	3.82E+00	1.02E+01	3.34E+01	U
WG	SG-4	516148	020	7/15/20	Se-75	4.04E+00	1.80E+00	5.71E+00	U
WG	SG-4	516148	020	7/15/20	Ag-108m	2.23E-01	1.08E+00	3.57E+00	U
WG	SG-4	516148	020	7/15/20	Ag-110m	-1.13E+00	1.61E+00	4.94E+00	U
WG	SG-4	516148	020	7/15/20	Th-228	-6.73E+00	2.89E+00	7.28E+00	U
WG	SG-4	516148	020	7/15/20	H-3	-1.08E+02	2.02E+02	6.86E+02	U
WG	SG-4	516148	020	7/15/20	Zn-65	2.39E-01	2.51E+00	7.18E+00	U
WG	SG-4	516148	020	7/15/20	Zr-95	-1.74E+00	2.08E+00	6.35E+00	U
WG	SG-5	516148	021	7/15/20	ALPHA	-1.55E-01	9.58E-01	3.19E+00	U
WG	SG-5	516148	021	7/15/20	Ac-228	3.24E+00	9.64E+00	2.82E+01	U
WG	SG-5	516148	021	7/15/20	Sb-124	2.42E+00	3.92E+00	1.43E+01	U
WG	SG-5	516148	021	7/15/20	Sb-125	9.92E+00	7.08E+00	1.57E+01	U
WG	SG-5	516148	021	7/15/20	BETA	1.19E+01	1.42E+00	2.80E+00	
WG	SG-5	516148	021	7/15/20	Ba-140	2.60E+01	1.29E+01	3.30E+01	U
WG	SG-5	516148	021	7/15/20	Be-7	1.36E+01	1.54E+01	5.45E+01	U
WG	SG-5	516148	021	7/15/20	Ce-141	7.42E-01	2.62E+00	8.77E+00	U
WG	SG-5	516148	021	7/15/20	Ce-144	2.34E+01	1.58E+01	3.41E+01	U
WG	SG-5	516148	021	7/15/20	Cs-134	5.59E-01	1.94E+00	6.53E+00	U
WG	SG-5	516148	021	7/15/20	Cs-137	1.94E+00	2.05E+00	6.69E+00	U
WG	SG-5	516148	021	7/15/20	Cr-51	2.81E+00	1.61E+01	5.12E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-5	516148	021	7/15/20	Co-57	1.64E+00	1.39E+00	4.70E+00	U
WG	SG-5	516148	021	7/15/20	Co-58	6.13E-01	1.59E+00	5.41E+00	U
WG	SG-5	516148	021	7/15/20	Co-60	3.96E-01	1.26E+00	4.50E+00	U
WG	SG-5	516148	021	7/15/20	I-131	-1.83E+00	2.83E+00	8.15E+00	U
WG	SG-5	516148	021	7/15/20	Fe-59	1.63E+00	3.15E+00	1.14E+01	U
WG	SG-5	516148	021	7/15/20	La-140	-2.96E+00	2.79E+00	6.81E+00	U
WG	SG-5	516148	021	7/15/20	Mn-54	9.92E-01	1.38E+00	4.89E+00	U
WG	SG-5	516148	021	7/15/20	Nb-95	6.40E-01	1.81E+00	6.11E+00	U
WG	SG-5	516148	021	7/15/20	K-40	8.97E+00	2.94E+01	5.03E+01	U
WG	SG-5	516148	021	7/15/20	Ru-103	-2.58E+00	2.08E+00	5.11E+00	U
WG	SG-5	516148	021	7/15/20	Ru-106	2.44E+01	1.05E+01	4.09E+01	U
WG	SG-5	516148	021	7/15/20	Se-75	-1.67E+00	2.22E+00	6.58E+00	U
WG	SG-5	516148	021	7/15/20	Ag-108m	1.65E+00	1.47E+00	5.26E+00	U
WG	SG-5	516148	021	7/15/20	Ag-110m	3.00E+00	2.49E+00	8.90E+00	U
WG	SG-5	516148	021	7/15/20	Th-228	2.96E+00	3.76E+00	1.23E+01	U
WG	SG-5	516148	021	7/15/20	H-3	1.63E+02	2.21E+02	6.96E+02	U
WG	SG-5	516148	021	7/15/20	Zn-65	-3.08E+00	2.84E+00	8.69E+00	U
WG	SG-5	516148	021	7/15/20	Zr-95	-2.88E+00	3.52E+00	9.68E+00	U
WG	SG-1	525287	008	10/20/20	ALPHA	1.70E+00	8.77E-01	2.41E+00	U
WG	SG-1	525287	008	10/20/20	Ac-228	1.88E+01	7.74E+00	1.59E+01	UI
WG	SG-1	525287	008	10/20/20	Sb-124	1.98E+00	2.96E+00	1.05E+01	U
WG	SG-1	525287	008	10/20/20	Sb-125	9.21E-01	3.36E+00	1.10E+01	U
WG	SG-1	525287	008	10/20/20	BETA	6.02E+00	1.01E+00	2.56E+00	
WG	SG-1	525287	008	10/20/20	Ba-140	-1.75E+00	7.81E+00	2.43E+01	U
WG	SG-1	525287	008	10/20/20	Be-7	-1.30E+00	1.19E+01	3.34E+01	U
WG	SG-1	525287	008	10/20/20	Ce-141	-4.40E-01	2.55E+00	8.36E+00	U
WG	SG-1	525287	008	10/20/20	Ce-144	1.88E+01	1.02E+01	3.30E+01	U
WG	SG-1	525287	008	10/20/20	Cs-134	2.70E+00	2.54E+00	5.52E+00	U
WG	SG-1	525287	008	10/20/20	Cs-137	-1.29E+00	1.29E+00	3.90E+00	U
WG	SG-1	525287	008	10/20/20	Cr-51	1.18E+00	1.32E+01	4.29E+01	U
WG	SG-1	525287	008	10/20/20	Co-57	4.81E-01	1.24E+00	4.16E+00	U
WG	SG-1	525287	008	10/20/20	Co-58	6.99E-02	1.23E+00	3.68E+00	U
WG	SG-1	525287	008	10/20/20	Co-60	-9.53E-01	1.17E+00	3.30E+00	U
WG	SG-1	525287	008	10/20/20	I-131	-6.85E+00	3.77E+00	9.57E+00	U
WG	SG-1	525287	008	10/20/20	Fe-59	3.43E+00	3.08E+00	1.09E+01	U
WG	SG-1	525287	008	10/20/20	La-140	3.72E+00	2.49E+00	9.27E+00	U
WG	SG-1	525287	008	10/20/20	Mn-54	2.43E+00	1.44E+00	5.04E+00	U
WG	SG-1	525287	008	10/20/20	Nb-95	1.62E+00	1.33E+00	4.73E+00	U
WG	SG-1	525287	008	10/20/20	K-40	2.31E+00	1.70E+01	5.96E+01	U
WG	SG-1	525287	008	10/20/20	Ru-103	5.15E-01	1.48E+00	4.82E+00	U
WG	SG-1	525287	008	10/20/20	Ru-106	-1.56E+01	1.09E+01	3.03E+01	U
WG	SG-1	525287	008	10/20/20	Se-75	2.72E-02	1.72E+00	5.61E+00	U
WG	SG-1	525287	008	10/20/20	Ag-108m	7.90E-01	1.16E+00	3.84E+00	U
WG	SG-1	525287	008	10/20/20	Ag-110m	3.37E+00	1.76E+00	5.66E+00	U
WG	SG-1	525287	008	10/20/20	Th-228	3.57E+00	3.45E+00	9.00E+00	U
WG	SG-1	525287	008	10/20/20	H-3	1.34E+02	1.96E+02	6.05E+02	U
WG	SG-1	525287	008	10/20/20	Zn-65	-1.64E+00	2.43E+00	7.30E+00	U
WG	SG-1	525287	008	10/20/20	Zr-95	-2.18E+00	2.24E+00	6.67E+00	U
WG	SG-2	525287	009	10/20/20	ALPHA	1.23E+00	8.26E-01	2.47E+00	U
WG	SG-2	525287	009	10/20/20	Ac-228	1.98E+01	8.69E+00	2.19E+01	U
WG	SG-2	525287	009	10/20/20	Sb-124	-2.62E+00	2.07E+00	4.20E+00	U
WG	SG-2	525287	009	10/20/20	Sb-125	-2.61E+00	2.73E+00	8.44E+00	U
WG	SG-2	525287	009	10/20/20	BETA	3.03E+00	7.40E-01	2.14E+00	M
WG	SG-2	525287	009	10/20/20	Ba-140	-7.58E+00	6.17E+00	1.75E+01	U
WG	SG-2	525287	009	10/20/20	Be-7	-1.01E+01	1.03E+01	2.91E+01	U
WG	SG-2	525287	009	10/20/20	Ce-141	6.81E+00	4.11E+00	5.90E+00	UI
WG	SG-2	525287	009	10/20/20	Ce-144	-1.17E+01	7.57E+00	2.14E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-2	525287	009	10/20/20	Cs-134	1.92E+00	1.30E+00	4.60E+00	U
WG	SG-2	525287	009	10/20/20	Cs-137	5.27E-01	1.04E+00	3.59E+00	U
WG	SG-2	525287	009	10/20/20	Cr-51	1.28E+01	1.19E+01	3.92E+01	U
WG	SG-2	525287	009	10/20/20	Co-57	1.21E-01	9.31E-01	3.11E+00	U
WG	SG-2	525287	009	10/20/20	Co-58	5.06E-01	1.04E+00	3.56E+00	U
WG	SG-2	525287	009	10/20/20	Co-60	-3.13E+00	1.94E+00	3.87E+00	U
WG	SG-2	525287	009	10/20/20	I-131	-1.42E+00	2.89E+00	8.60E+00	U
WG	SG-2	525287	009	10/20/20	Fe-59	-2.94E+00	2.43E+00	6.00E+00	U
WG	SG-2	525287	009	10/20/20	La-140	8.60E-01	2.05E+00	7.26E+00	U
WG	SG-2	525287	009	10/20/20	Mn-54	-5.45E-01	8.57E-01	2.51E+00	U
WG	SG-2	525287	009	10/20/20	Nb-95	-3.52E+00	1.62E+00	3.51E+00	U
WG	SG-2	525287	009	10/20/20	K-40	-1.36E+01	1.71E+01	5.88E+01	U
WG	SG-2	525287	009	10/20/20	Ru-103	-8.42E-01	1.11E+00	3.46E+00	U
WG	SG-2	525287	009	10/20/20	Ru-106	1.20E+01	8.37E+00	3.03E+01	U
WG	SG-2	525287	009	10/20/20	Se-75	-1.77E-01	1.46E+00	4.62E+00	U
WG	SG-2	525287	009	10/20/20	Ag-108m	6.52E-01	9.22E-01	3.26E+00	U
WG	SG-2	525287	009	10/20/20	Ag-110m	1.91E+00	1.62E+00	5.71E+00	U
WG	SG-2	525287	009	10/20/20	Th-228	4.86E+00	3.65E+00	8.16E+00	U
WG	SG-2	525287	009	10/20/20	H-3	3.42E+01	1.74E+02	5.62E+02	U
WG	SG-2	525287	009	10/20/20	Zn-65	3.20E+00	1.96E+00	7.15E+00	U
WG	SG-2	525287	009	10/20/20	Zr-95	-2.30E+00	1.97E+00	5.33E+00	U
WG	SG-4	525287	010	10/20/20	ALPHA	2.22E-01	8.25E-01	2.68E+00	U
WG	SG-4	525287	010	10/20/20	Ac-228	1.32E+01	7.55E+00	1.89E+01	U
WG	SG-4	525287	010	10/20/20	Sb-124	2.85E+00	2.76E+00	1.03E+01	U
WG	SG-4	525287	010	10/20/20	Sb-125	-2.29E+00	2.86E+00	8.79E+00	U
WG	SG-4	525287	010	10/20/20	BETA	4.00E+00	9.69E-01	2.84E+00	M
WG	SG-4	525287	010	10/20/20	Ba-140	-2.33E-02	7.21E+00	2.36E+01	U
WG	SG-4	525287	010	10/20/20	Be-7	-3.80E-01	1.01E+01	3.31E+01	U
WG	SG-4	525287	010	10/20/20	Ce-141	-9.59E+00	3.44E+00	6.69E+00	U
WG	SG-4	525287	010	10/20/20	Ce-144	5.10E+00	8.08E+00	2.67E+01	U
WG	SG-4	525287	010	10/20/20	Cs-134	2.72E+00	1.26E+00	4.38E+00	U
WG	SG-4	525287	010	10/20/20	Cs-137	4.44E-01	1.06E+00	3.53E+00	U
WG	SG-4	525287	010	10/20/20	Cr-51	-3.66E+00	1.03E+01	3.41E+01	U
WG	SG-4	525287	010	10/20/20	Co-57	1.06E+00	1.01E+00	3.34E+00	U
WG	SG-4	525287	010	10/20/20	Co-58	-2.06E-01	1.31E+00	4.10E+00	U
WG	SG-4	525287	010	10/20/20	Co-60	-2.00E+00	1.67E+00	3.59E+00	U
WG	SG-4	525287	010	10/20/20	I-131	-9.87E-01	2.96E+00	9.76E+00	U
WG	SG-4	525287	010	10/20/20	Fe-59	1.41E+00	2.30E+00	8.08E+00	U
WG	SG-4	525287	010	10/20/20	La-140	-6.47E+00	2.79E+00	3.00E+00	U
WG	SG-4	525287	010	10/20/20	Mn-54	8.25E-01	8.50E-01	3.11E+00	U
WG	SG-4	525287	010	10/20/20	Nb-95	5.89E-01	1.48E+00	4.86E+00	U
WG	SG-4	525287	010	10/20/20	K-40	-2.00E+01	1.64E+01	4.88E+01	U
WG	SG-4	525287	010	10/20/20	Ru-103	-2.30E+00	1.37E+00	3.53E+00	U
WG	SG-4	525287	010	10/20/20	Ru-106	1.20E+01	1.05E+01	3.59E+01	U
WG	SG-4	525287	010	10/20/20	Se-75	-1.78E+00	1.60E+00	5.01E+00	U
WG	SG-4	525287	010	10/20/20	Ag-108m	8.95E-01	9.76E-01	3.38E+00	U
WG	SG-4	525287	010	10/20/20	Ag-110m	5.10E-01	1.38E+00	4.83E+00	U
WG	SG-4	525287	010	10/20/20	Th-228	-2.66E+00	2.91E+00	8.51E+00	U
WG	SG-4	525287	010	10/20/20	H-3	-9.66E+01	1.73E+02	5.97E+02	U
WG	SG-4	525287	010	10/20/20	Zn-65	1.45E+00	2.71E+00	9.37E+00	U
WG	SG-4	525287	010	10/20/20	Zr-95	1.62E+00	2.13E+00	7.20E+00	U
WG	SG-5	525287	011	10/20/20	ALPHA	1.75E+00	1.33E+00	3.99E+00	U
WG	SG-5	525287	011	10/20/20	Ac-228	-4.74E+00	5.66E+00	1.76E+01	U
WG	SG-5	525287	011	10/20/20	Sb-124	-2.48E+00	2.95E+00	8.65E+00	U
WG	SG-5	525287	011	10/20/20	Sb-125	7.51E-01	3.31E+00	1.08E+01	U
WG	SG-5	525287	011	10/20/20	BETA	8.99E+00	1.30E+00	3.02E+00	
WG	SG-5	525287	011	10/20/20	Ba-140	-6.83E+00	6.87E+00	1.94E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WG	SG-5	525287	011	10/20/20	Be-7	-4.66E-03	9.55E+00	2.72E+01	U
WG	SG-5	525287	011	10/20/20	Ce-141	1.67E+00	2.37E+00	6.83E+00	U
WG	SG-5	525287	011	10/20/20	Ce-144	-1.33E+01	8.21E+00	2.43E+01	U
WG	SG-5	525287	011	10/20/20	Cs-134	8.67E-02	1.03E+00	3.47E+00	U
WG	SG-5	525287	011	10/20/20	Cs-137	3.78E-02	1.05E+00	3.56E+00	U
WG	SG-5	525287	011	10/20/20	Cr-51	-6.66E+00	1.08E+01	3.37E+01	U
WG	SG-5	525287	011	10/20/20	Co-57	-6.16E-01	9.56E-01	3.15E+00	U
WG	SG-5	525287	011	10/20/20	Co-58	-6.95E-01	1.01E+00	3.08E+00	U
WG	SG-5	525287	011	10/20/20	Co-60	9.32E-01	1.37E+00	4.19E+00	U
WG	SG-5	525287	011	10/20/20	I-131	3.62E+00	3.11E+00	1.03E+01	U
WG	SG-5	525287	011	10/20/20	Fe-59	5.70E-01	1.73E+00	5.86E+00	U
WG	SG-5	525287	011	10/20/20	La-140	3.21E+00	2.23E+00	8.24E+00	U
WG	SG-5	525287	011	10/20/20	Mn-54	-2.11E-01	1.21E+00	3.95E+00	U
WG	SG-5	525287	011	10/20/20	Nb-95	-1.11E+00	1.55E+00	4.21E+00	U
WG	SG-5	525287	011	10/20/20	K-40	-5.48E+00	1.72E+01	6.05E+01	U
WG	SG-5	525287	011	10/20/20	Ru-103	-2.85E+00	1.56E+00	3.83E+00	U
WG	SG-5	525287	011	10/20/20	Ru-106	-6.04E+00	9.09E+00	2.89E+01	U
WG	SG-5	525287	011	10/20/20	Se-75	5.85E-02	1.53E+00	5.05E+00	U
WG	SG-5	525287	011	10/20/20	Ag-108m	-1.32E+00	9.97E-01	2.73E+00	U
WG	SG-5	525287	011	10/20/20	Ag-110m	5.26E-01	1.55E+00	5.27E+00	U
WG	SG-5	525287	011	10/20/20	Th-228	-1.97E+00	2.55E+00	8.13E+00	U
WG	SG-5	525287	011	10/20/20	H-3	4.21E+01	1.86E+02	6.01E+02	U
WG	SG-5	525287	011	10/20/20	Zn-65	-1.78E-01	2.12E+00	5.94E+00	U
WG	SG-5	525287	011	10/20/20	Zr-95	1.27E+00	2.48E+00	7.61E+00	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	503218	001	1/31/20	Ac-228	6.80E-01	5.08E+00	1.45E+01	U
WS	SWL-2	503218	001	1/31/20	Sb-124	1.08E+01	2.46E+00	7.46E+00	UI
WS	SWL-2	503218	001	1/31/20	Sb-125	2.32E+00	2.49E+00	8.22E+00	U
WS	SWL-2	503218	001	1/31/20	Ba-140	9.40E+00	1.07E+01	3.51E+01	U
WS	SWL-2	503218	001	1/31/20	Be-7	-8.17E+00	9.77E+00	2.91E+01	U
WS	SWL-2	503218	001	1/31/20	Ce-141	-5.33E+00	3.76E+00	6.87E+00	U
WS	SWL-2	503218	001	1/31/20	Ce-144	-7.71E+00	6.37E+00	2.02E+01	U
WS	SWL-2	503218	001	1/31/20	Cs-134	-7.08E-01	1.36E+00	3.31E+00	U
WS	SWL-2	503218	001	1/31/20	Cs-137	5.73E-01	8.66E-01	2.99E+00	U
WS	SWL-2	503218	001	1/31/20	Cr-51	2.42E+00	1.33E+01	4.40E+01	U
WS	SWL-2	503218	001	1/31/20	Co-57	-5.73E-01	8.58E-01	2.86E+00	U
WS	SWL-2	503218	001	1/31/20	Co-58	-9.36E-01	9.66E-01	2.89E+00	U
WS	SWL-2	503218	001	1/31/20	Co-60	-1.49E+00	9.24E-01	2.40E+00	U
WS	SWL-2	503218	001	1/31/20	I-131	-8.61E+00	7.79E+00	1.96E+01	U
WS	SWL-2	503218	001	1/31/20	Fe-59	-1.13E+00	2.26E+00	6.94E+00	U
WS	SWL-2	503218	001	1/31/20	La-140	1.77E+00	3.13E+00	1.09E+01	U
WS	SWL-2	503218	001	1/31/20	Mn-54	-3.83E-01	8.13E-01	2.58E+00	U
WS	SWL-2	503218	001	1/31/20	Nb-95	-2.59E+00	1.51E+00	3.13E+00	U
WS	SWL-2	503218	001	1/31/20	K-40	-1.34E+01	1.44E+01	3.98E+01	U
WS	SWL-2	503218	001	1/31/20	Ru-103	-3.91E+00	1.58E+00	3.36E+00	U
WS	SWL-2	503218	001	1/31/20	Ru-106	1.01E-01	8.17E+00	2.76E+01	U
WS	SWL-2	503218	001	1/31/20	Se-75	8.69E-02	1.23E+00	4.10E+00	U
WS	SWL-2	503218	001	1/31/20	Ag-108m	1.32E+00	8.94E-01	2.91E+00	U
WS	SWL-2	503218	001	1/31/20	Ag-110m	-1.35E+00	1.13E+00	3.21E+00	U
WS	SWL-2	503218	001	1/31/20	Th-228	4.36E+00	4.19E+00	6.99E+00	U
WS	SWL-2	503218	001	1/31/20	Zn-65	-3.78E+00	2.46E+00	5.14E+00	U
WS	SWL-2	503218	001	1/31/20	Zr-95	1.12E+00	1.69E+00	5.83E+00	U
WS	SWL-3	503218	002	1/31/20	Ac-228	-5.10E+00	4.45E+00	1.06E+01	U
WS	SWL-3	503218	002	1/31/20	Sb-124	1.28E+00	2.21E+00	7.63E+00	U
WS	SWL-3	503218	002	1/31/20	Sb-125	-7.07E-01	2.23E+00	7.35E+00	U
WS	SWL-3	503218	002	1/31/20	Ba-140	-2.48E+01	1.09E+01	2.53E+01	U
WS	SWL-3	503218	002	1/31/20	Be-7	1.87E+00	8.14E+00	2.74E+01	U
WS	SWL-3	503218	002	1/31/20	Ce-141	-1.71E+00	2.26E+00	6.92E+00	U
WS	SWL-3	503218	002	1/31/20	Ce-144	3.44E+00	6.16E+00	1.99E+01	U
WS	SWL-3	503218	002	1/31/20	Cs-134	-1.01E+00	9.30E-01	2.65E+00	U
WS	SWL-3	503218	002	1/31/20	Cs-137	1.24E+00	6.84E-01	2.41E+00	U
WS	SWL-3	503218	002	1/31/20	Cr-51	7.58E-01	1.14E+01	3.88E+01	U
WS	SWL-3	503218	002	1/31/20	Co-57	-1.02E+00	8.63E-01	2.56E+00	U
WS	SWL-3	503218	002	1/31/20	Co-58	3.14E-01	9.47E-01	3.11E+00	U
WS	SWL-3	503218	002	1/31/20	Co-60	-1.15E+00	9.00E-01	2.51E+00	U
WS	SWL-3	503218	002	1/31/20	I-131	-4.14E-01	7.45E+00	2.02E+01	U
WS	SWL-3	503218	002	1/31/20	Fe-59	4.64E-01	1.95E+00	6.69E+00	U
WS	SWL-3	503218	002	1/31/20	La-140	-2.17E+00	4.11E+00	1.28E+01	U
WS	SWL-3	503218	002	1/31/20	Mn-54	5.00E-01	7.50E-01	2.50E+00	U
WS	SWL-3	503218	002	1/31/20	Nb-95	-7.38E-01	1.02E+00	3.07E+00	U
WS	SWL-3	503218	002	1/31/20	K-40	1.06E+01	2.23E+01	2.98E+01	U
WS	SWL-3	503218	002	1/31/20	Ru-103	-1.31E+00	1.13E+00	3.36E+00	U
WS	SWL-3	503218	002	1/31/20	Ru-106	7.51E-01	8.04E+00	2.64E+01	U
WS	SWL-3	503218	002	1/31/20	Se-75	1.63E-01	1.26E+00	4.32E+00	U
WS	SWL-3	503218	002	1/31/20	Ag-108m	-1.02E+00	8.14E-01	2.45E+00	U
WS	SWL-3	503218	002	1/31/20	Ag-110m	8.62E-01	1.38E+00	4.10E+00	U
WS	SWL-3	503218	002	1/31/20	Th-228	2.66E+00	2.98E+00	6.37E+00	U
WS	SWL-3	503218	002	1/31/20	Zn-65	-8.26E-01	2.27E+00	5.76E+00	U
WS	SWL-3	503218	002	1/31/20	Zr-95	-1.37E+00	1.81E+00	5.46E+00	U
WS	SWL-2	505942	001	2/29/20	Ac-228	-9.44E+00	4.86E+00	1.26E+01	U
WS	SWL-2	505942	001	2/29/20	Sb-124	1.17E+00	2.46E+00	8.62E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	505942	001	2/29/20	Sb-125	2.86E-01	2.24E+00	7.44E+00	U
WS	SWL-2	505942	001	2/29/20	Ba-140	1.00E+01	1.21E+01	2.60E+01	U
WS	SWL-2	505942	001	2/29/20	Be-7	1.53E+00	1.01E+01	3.00E+01	U
WS	SWL-2	505942	001	2/29/20	Ce-141	-3.31E+00	2.27E+00	6.91E+00	U
WS	SWL-2	505942	001	2/29/20	Ce-144	-9.75E+00	7.29E+00	2.26E+01	U
WS	SWL-2	505942	001	2/29/20	Cs-134	-1.76E+00	1.14E+00	2.97E+00	U
WS	SWL-2	505942	001	2/29/20	Cs-137	-1.23E+00	9.26E-01	2.55E+00	U
WS	SWL-2	505942	001	2/29/20	Cr-51	1.27E+01	1.25E+01	4.19E+01	U
WS	SWL-2	505942	001	2/29/20	Co-57	-1.04E+00	9.04E-01	2.86E+00	U
WS	SWL-2	505942	001	2/29/20	Co-58	-1.21E+00	1.15E+00	3.29E+00	U
WS	SWL-2	505942	001	2/29/20	Co-60	-4.74E-01	1.31E+00	3.90E+00	U
WS	SWL-2	505942	001	2/29/20	I-131	2.53E+00	4.50E+00	1.52E+01	U
WS	SWL-2	505942	001	2/29/20	Fe-59	-3.06E+00	2.23E+00	5.63E+00	U
WS	SWL-2	505942	001	2/29/20	La-140	4.95E+00	4.26E+00	1.14E+01	U
WS	SWL-2	505942	001	2/29/20	Mn-54	1.19E-01	8.79E-01	2.86E+00	U
WS	SWL-2	505942	001	2/29/20	Nb-95	-7.89E-01	1.19E+00	3.64E+00	U
WS	SWL-2	505942	001	2/29/20	K-40	-2.75E+01	1.52E+01	4.23E+01	U
WS	SWL-2	505942	001	2/29/20	Ru-103	-3.56E-01	1.17E+00	3.77E+00	U
WS	SWL-2	505942	001	2/29/20	Ru-106	1.20E+01	9.01E+00	3.03E+01	U
WS	SWL-2	505942	001	2/29/20	Se-75	-1.63E+00	1.31E+00	3.96E+00	U
WS	SWL-2	505942	001	2/29/20	Ag-108m	1.68E+00	8.70E-01	2.85E+00	U
WS	SWL-2	505942	001	2/29/20	Ag-110m	-2.56E+00	1.62E+00	4.20E+00	U
WS	SWL-2	505942	001	2/29/20	Th-228	1.75E+00	3.49E+00	7.10E+00	U
WS	SWL-2	505942	001	2/29/20	Zn-65	-8.33E-01	2.05E+00	6.24E+00	U
WS	SWL-2	505942	001	2/29/20	Zr-95	-1.70E+00	1.85E+00	5.40E+00	U
WS	SWL-3	505942	002	2/29/20	Ac-228	7.54E+00	3.95E+00	1.32E+01	U
WS	SWL-3	505942	002	2/29/20	Sb-124	3.03E-02	2.58E+00	8.55E+00	U
WS	SWL-3	505942	002	2/29/20	Sb-125	-3.62E+00	2.52E+00	6.98E+00	U
WS	SWL-3	505942	002	2/29/20	Ba-140	-2.44E+00	7.87E+00	2.44E+01	U
WS	SWL-3	505942	002	2/29/20	Be-7	-2.14E+01	1.09E+01	2.70E+01	U
WS	SWL-3	505942	002	2/29/20	Ce-141	2.97E-01	2.08E+00	6.43E+00	U
WS	SWL-3	505942	002	2/29/20	Ce-144	-1.63E+00	5.98E+00	2.03E+01	U
WS	SWL-3	505942	002	2/29/20	Cs-134	6.33E-01	1.02E+00	3.47E+00	U
WS	SWL-3	505942	002	2/29/20	Cs-137	-1.03E-01	8.85E-01	2.96E+00	U
WS	SWL-3	505942	002	2/29/20	Cr-51	-1.87E+00	1.15E+01	3.33E+01	U
WS	SWL-3	505942	002	2/29/20	Co-57	-7.31E-01	7.73E-01	2.52E+00	U
WS	SWL-3	505942	002	2/29/20	Co-58	-2.02E+00	1.06E+00	2.65E+00	U
WS	SWL-3	505942	002	2/29/20	Co-60	-2.41E+00	1.20E+00	2.36E+00	U
WS	SWL-3	505942	002	2/29/20	I-131	-5.03E+00	4.41E+00	1.30E+01	U
WS	SWL-3	505942	002	2/29/20	Fe-59	2.57E+00	2.54E+00	7.79E+00	U
WS	SWL-3	505942	002	2/29/20	La-140	3.20E-01	3.08E+00	1.03E+01	U
WS	SWL-3	505942	002	2/29/20	Mn-54	1.30E+00	9.36E-01	3.19E+00	U
WS	SWL-3	505942	002	2/29/20	Nb-95	2.12E+00	1.17E+00	3.92E+00	U
WS	SWL-3	505942	002	2/29/20	K-40	3.29E+00	1.59E+01	4.89E+01	U
WS	SWL-3	505942	002	2/29/20	Ru-103	2.15E-01	1.08E+00	3.48E+00	U
WS	SWL-3	505942	002	2/29/20	Ru-106	-9.87E+00	7.89E+00	1.97E+01	U
WS	SWL-3	505942	002	2/29/20	Se-75	-3.27E-01	1.17E+00	3.81E+00	U
WS	SWL-3	505942	002	2/29/20	Ag-108m	8.61E-01	7.59E-01	2.51E+00	U
WS	SWL-3	505942	002	2/29/20	Ag-110m	2.44E+00	1.64E+00	4.25E+00	U
WS	SWL-3	505942	002	2/29/20	Th-228	1.21E+00	3.47E+00	7.25E+00	U
WS	SWL-3	505942	002	2/29/20	Zn-65	3.98E+00	2.20E+00	7.42E+00	U
WS	SWL-3	505942	002	2/29/20	Zr-95	2.33E+00	1.63E+00	5.63E+00	U
WS	SWL-2	508793	001	3/31/20	H-3	5.14E+02	8.93E+02	1.41E+03	U
WS	SWL-2	508793	002	3/31/20	Ac-228	-4.40E+00	4.05E+00	1.09E+01	U
WS	SWL-2	508793	002	3/31/20	Sb-124	2.14E+00	1.98E+00	7.08E+00	U
WS	SWL-2	508793	002	3/31/20	Sb-125	2.36E+00	1.95E+00	6.67E+00	U
WS	SWL-2	508793	002	3/31/20	Ba-140	1.32E+00	9.03E+00	3.04E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	508793	002	3/31/20	Be-7	3.04E+00	8.09E+00	2.75E+01	U
WS	SWL-2	508793	002	3/31/20	Ce-141	-2.34E+00	2.14E+00	6.38E+00	U
WS	SWL-2	508793	002	3/31/20	Ce-144	-2.10E+00	5.50E+00	1.74E+01	U
WS	SWL-2	508793	002	3/31/20	Cs-134	-6.75E-01	7.58E-01	2.26E+00	U
WS	SWL-2	508793	002	3/31/20	Cs-137	3.25E-01	7.79E-01	2.37E+00	U
WS	SWL-2	508793	002	3/31/20	Cr-51	1.61E+01	1.12E+01	3.81E+01	U
WS	SWL-2	508793	002	3/31/20	Co-57	6.89E-03	7.38E-01	2.38E+00	U
WS	SWL-2	508793	002	3/31/20	Co-58	2.43E-01	8.35E-01	2.50E+00	U
WS	SWL-2	508793	002	3/31/20	Co-60	1.20E+00	7.79E-01	2.76E+00	U
WS	SWL-2	508793	002	3/31/20	I-131	1.38E+00	5.90E+00	2.02E+01	U
WS	SWL-2	508793	002	3/31/20	Fe-59	-5.30E+00	2.24E+00	4.27E+00	U
WS	SWL-2	508793	002	3/31/20	La-140	-3.59E+00	3.27E+00	9.48E+00	U
WS	SWL-2	508793	002	3/31/20	Mn-54	-3.72E-02	7.72E-01	2.51E+00	U
WS	SWL-2	508793	002	3/31/20	Nb-95	2.73E-01	9.80E-01	3.25E+00	U
WS	SWL-2	508793	002	3/31/20	K-40	6.11E+00	1.57E+01	2.16E+01	U
WS	SWL-2	508793	002	3/31/20	Ru-103	-9.72E-01	1.13E+00	3.14E+00	U
WS	SWL-2	508793	002	3/31/20	Ru-106	2.63E+01	1.90E+01	2.08E+01	UI
WS	SWL-2	508793	002	3/31/20	Se-75	1.63E+00	1.30E+00	4.06E+00	U
WS	SWL-2	508793	002	3/31/20	Ag-108m	-6.55E-02	6.77E-01	2.28E+00	U
WS	SWL-2	508793	002	3/31/20	Ag-110m	3.03E-02	9.14E-01	2.97E+00	U
WS	SWL-2	508793	002	3/31/20	Th-228	1.71E+00	2.44E+00	5.36E+00	U
WS	SWL-2	508793	002	3/31/20	Zn-65	1.22E+00	1.56E+00	5.23E+00	U
WS	SWL-2	508793	002	3/31/20	Zr-95	-3.89E-01	1.43E+00	4.59E+00	U
WS	SWL-3	508793	003	3/31/20	H-3	7.66E+01	8.43E+02	1.40E+03	U
WS	SWL-3	508793	004	3/31/20	Ac-228	-9.26E-01	3.03E+00	8.17E+00	U
WS	SWL-3	508793	004	3/31/20	Sb-124	3.30E+00	1.77E+00	6.01E+00	U
WS	SWL-3	508793	004	3/31/20	Sb-125	3.14E+00	1.68E+00	5.43E+00	U
WS	SWL-3	508793	004	3/31/20	Ba-140	-9.74E+00	7.56E+00	2.26E+01	U
WS	SWL-3	508793	004	3/31/20	Be-7	2.21E+01	1.14E+01	2.16E+01	UI
WS	SWL-3	508793	004	3/31/20	Ce-141	3.19E+00	2.23E+00	4.58E+00	U
WS	SWL-3	508793	004	3/31/20	Ce-144	3.85E+00	4.61E+00	1.48E+01	U
WS	SWL-3	508793	004	3/31/20	Cs-134	2.05E-02	6.29E-01	2.03E+00	U
WS	SWL-3	508793	004	3/31/20	Cs-137	2.80E-01	6.12E-01	2.03E+00	U
WS	SWL-3	508793	004	3/31/20	Cr-51	9.52E+00	8.39E+00	2.84E+01	U
WS	SWL-3	508793	004	3/31/20	Co-57	1.88E-01	6.05E-01	1.96E+00	U
WS	SWL-3	508793	004	3/31/20	Co-58	6.10E-01	7.20E-01	2.37E+00	U
WS	SWL-3	508793	004	3/31/20	Co-60	7.09E-01	6.78E-01	2.11E+00	U
WS	SWL-3	508793	004	3/31/20	I-131	2.24E+00	4.22E+00	1.44E+01	U
WS	SWL-3	508793	004	3/31/20	Fe-59	3.09E-01	1.65E+00	4.99E+00	U
WS	SWL-3	508793	004	3/31/20	La-140	1.09E+00	2.39E+00	8.06E+00	U
WS	SWL-3	508793	004	3/31/20	Mn-54	9.08E-02	5.98E-01	1.94E+00	U
WS	SWL-3	508793	004	3/31/20	Nb-95	8.36E-01	7.59E-01	2.49E+00	U
WS	SWL-3	508793	004	3/31/20	K-40	-2.97E+00	1.21E+01	3.25E+01	U
WS	SWL-3	508793	004	3/31/20	Ru-103	8.07E-01	9.04E-01	2.75E+00	U
WS	SWL-3	508793	004	3/31/20	Ru-106	1.00E+01	5.90E+00	1.90E+01	U
WS	SWL-3	508793	004	3/31/20	Se-75	-6.50E-01	9.20E-01	3.07E+00	U
WS	SWL-3	508793	004	3/31/20	Ag-108m	2.65E-01	5.12E-01	1.73E+00	U
WS	SWL-3	508793	004	3/31/20	Ag-110m	-1.26E+00	8.90E-01	2.46E+00	U
WS	SWL-3	508793	004	3/31/20	Th-228	7.60E-01	2.40E+00	4.61E+00	U
WS	SWL-3	508793	004	3/31/20	Zn-65	1.14E-01	1.38E+00	4.14E+00	U
WS	SWL-3	508793	004	3/31/20	Zr-95	2.00E+00	1.33E+00	4.32E+00	U
WS	SWL-2	510469	001	4/30/20	Ac-228	7.73E+00	6.92E+00	2.35E+01	U
WS	SWL-2	510469	001	4/30/20	Sb-124	1.23E+00	3.22E+00	1.12E+01	U
WS	SWL-2	510469	001	4/30/20	Sb-125	-6.37E-02	3.26E+00	1.04E+01	U
WS	SWL-2	510469	001	4/30/20	Ba-140	8.18E+00	9.12E+00	3.25E+01	U
WS	SWL-2	510469	001	4/30/20	Be-7	6.08E+00	1.27E+01	4.16E+01	U
WS	SWL-2	510469	001	4/30/20	Ce-141	-7.90E+00	3.76E+00	8.72E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	510469	001	4/30/20	Ce-144	-5.80E+00	8.91E+00	2.93E+01	U
WS	SWL-2	510469	001	4/30/20	Cs-134	2.71E-01	1.26E+00	4.25E+00	U
WS	SWL-2	510469	001	4/30/20	Cs-137	-1.71E+00	1.55E+00	4.57E+00	U
WS	SWL-2	510469	001	4/30/20	Cr-51	-7.70E+00	1.57E+01	4.93E+01	U
WS	SWL-2	510469	001	4/30/20	Co-57	5.21E-01	1.11E+00	3.86E+00	U
WS	SWL-2	510469	001	4/30/20	Co-58	5.41E-01	1.52E+00	5.15E+00	U
WS	SWL-2	510469	001	4/30/20	Co-60	-3.64E-03	1.44E+00	4.82E+00	U
WS	SWL-2	510469	001	4/30/20	I-131	-8.11E+00	5.34E+00	1.42E+01	U
WS	SWL-2	510469	001	4/30/20	Fe-59	-4.27E+00	3.35E+00	8.47E+00	U
WS	SWL-2	510469	001	4/30/20	La-140	-4.62E-01	2.73E+00	8.72E+00	U
WS	SWL-2	510469	001	4/30/20	Mn-54	-4.78E-01	1.61E+00	4.73E+00	U
WS	SWL-2	510469	001	4/30/20	Nb-95	6.32E-01	1.89E+00	5.93E+00	U
WS	SWL-2	510469	001	4/30/20	K-40	1.60E+01	2.28E+01	7.74E+01	U
WS	SWL-2	510469	001	4/30/20	Ru-103	2.74E-01	1.70E+00	5.46E+00	U
WS	SWL-2	510469	001	4/30/20	Ru-106	1.23E+00	1.11E+01	3.75E+01	U
WS	SWL-2	510469	001	4/30/20	Se-75	2.11E+00	2.19E+00	6.73E+00	U
WS	SWL-2	510469	001	4/30/20	Ag-108m	-2.25E-01	1.15E+00	3.61E+00	U
WS	SWL-2	510469	001	4/30/20	Ag-110m	3.37E-02	1.54E+00	4.89E+00	U
WS	SWL-2	510469	001	4/30/20	Th-228	7.59E+00	4.71E+00	9.90E+00	U
WS	SWL-2	510469	001	4/30/20	Zn-65	-2.77E-01	3.04E+00	9.64E+00	U
WS	SWL-2	510469	001	4/30/20	Zr-95	1.01E+00	2.46E+00	8.43E+00	U
WS	SWL-3	510469	002	4/30/20	Ac-228	-7.03E+00	5.17E+00	1.45E+01	U
WS	SWL-3	510469	002	4/30/20	Sb-124	1.16E+00	2.50E+00	8.56E+00	U
WS	SWL-3	510469	002	4/30/20	Sb-125	5.59E-01	2.60E+00	8.70E+00	U
WS	SWL-3	510469	002	4/30/20	Ba-140	1.67E+01	8.71E+00	2.96E+01	U
WS	SWL-3	510469	002	4/30/20	Be-7	4.18E+00	1.12E+01	3.75E+01	U
WS	SWL-3	510469	002	4/30/20	Ce-141	-4.24E-01	2.51E+00	7.62E+00	U
WS	SWL-3	510469	002	4/30/20	Ce-144	-4.68E+00	6.66E+00	2.01E+01	U
WS	SWL-3	510469	002	4/30/20	Cs-134	-1.48E+00	1.12E+00	3.16E+00	U
WS	SWL-3	510469	002	4/30/20	Cs-137	1.29E+00	1.12E+00	3.81E+00	U
WS	SWL-3	510469	002	4/30/20	Cr-51	2.32E+01	1.32E+01	4.42E+01	U
WS	SWL-3	510469	002	4/30/20	Co-57	-4.35E-01	9.10E-01	2.82E+00	U
WS	SWL-3	510469	002	4/30/20	Co-58	1.99E+00	1.09E+00	3.45E+00	U
WS	SWL-3	510469	002	4/30/20	Co-60	-3.25E-01	1.13E+00	3.57E+00	U
WS	SWL-3	510469	002	4/30/20	I-131	-1.89E+00	3.66E+00	1.03E+01	U
WS	SWL-3	510469	002	4/30/20	Fe-59	-2.52E+00	2.57E+00	7.47E+00	U
WS	SWL-3	510469	002	4/30/20	La-140	-5.78E-02	3.04E+00	9.76E+00	U
WS	SWL-3	510469	002	4/30/20	Mn-54	-5.04E-01	1.00E+00	3.22E+00	U
WS	SWL-3	510469	002	4/30/20	Nb-95	-1.16E+00	1.10E+00	2.96E+00	U
WS	SWL-3	510469	002	4/30/20	K-40	1.39E+01	1.76E+01	3.65E+01	U
WS	SWL-3	510469	002	4/30/20	Ru-103	-9.02E-01	1.33E+00	4.08E+00	U
WS	SWL-3	510469	002	4/30/20	Ru-106	8.00E+00	9.73E+00	3.29E+01	U
WS	SWL-3	510469	002	4/30/20	Se-75	1.26E+00	1.54E+00	5.12E+00	U
WS	SWL-3	510469	002	4/30/20	Ag-108m	8.65E-01	8.92E-01	3.06E+00	U
WS	SWL-3	510469	002	4/30/20	Ag-110m	-4.14E+00	1.87E+00	4.23E+00	U
WS	SWL-3	510469	002	4/30/20	Th-228	1.42E+00	3.06E+00	7.33E+00	U
WS	SWL-3	510469	002	4/30/20	Zn-65	-3.94E-01	2.55E+00	7.27E+00	U
WS	SWL-3	510469	002	4/30/20	Zr-95	-2.01E-01	2.05E+00	5.69E+00	U
WS	SWL-2	512484	001	5/31/20	Ac-228	-4.59E+00	3.43E+00	8.45E+00	U
WS	SWL-2	512484	001	5/31/20	Sb-124	-1.79E+00	1.39E+00	3.77E+00	U
WS	SWL-2	512484	001	5/31/20	Sb-125	-3.15E-02	1.47E+00	4.93E+00	U
WS	SWL-2	512484	001	5/31/20	Ba-140	7.42E+00	6.19E+00	2.05E+01	U
WS	SWL-2	512484	001	5/31/20	Be-7	-3.14E+00	5.62E+00	1.82E+01	U
WS	SWL-2	512484	001	5/31/20	Ce-141	-3.08E+00	1.62E+00	4.42E+00	U
WS	SWL-2	512484	001	5/31/20	Ce-144	-2.92E+00	3.96E+00	1.23E+01	U
WS	SWL-2	512484	001	5/31/20	Cs-134	6.51E-01	6.14E-01	2.02E+00	U
WS	SWL-2	512484	001	5/31/20	Cs-137	6.17E-03	5.30E-01	1.54E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	512484	001	5/31/20	Cr-51	-1.13E+01	8.38E+00	2.31E+01	U
WS	SWL-2	512484	001	5/31/20	Co-57	7.32E-01	5.60E-01	1.78E+00	U
WS	SWL-2	512484	001	5/31/20	Co-58	1.73E-01	6.02E-01	1.96E+00	U
WS	SWL-2	512484	001	5/31/20	Co-60	8.46E-01	6.05E-01	2.07E+00	U
WS	SWL-2	512484	001	5/31/20	I-131	2.66E+00	2.99E+00	1.02E+01	U
WS	SWL-2	512484	001	5/31/20	Fe-59	-2.52E-01	1.35E+00	4.18E+00	U
WS	SWL-2	512484	001	5/31/20	La-140	2.48E+00	1.81E+00	6.25E+00	U
WS	SWL-2	512484	001	5/31/20	Mn-54	7.52E-01	5.06E-01	1.66E+00	U
WS	SWL-2	512484	001	5/31/20	Nb-95	1.02E-01	9.59E-01	2.29E+00	U
WS	SWL-2	512484	001	5/31/20	K-40	8.89E+00	1.14E+01	1.76E+01	U
WS	SWL-2	512484	001	5/31/20	Ru-103	-4.54E-01	7.09E-01	2.27E+00	U
WS	SWL-2	512484	001	5/31/20	Ru-106	6.37E+00	4.80E+00	1.59E+01	U
WS	SWL-2	512484	001	5/31/20	Se-75	1.40E+00	8.55E-01	2.82E+00	U
WS	SWL-2	512484	001	5/31/20	Ag-108m	-3.38E-01	5.06E-01	1.64E+00	U
WS	SWL-2	512484	001	5/31/20	Ag-110m	8.45E-04	7.47E-01	2.39E+00	U
WS	SWL-2	512484	001	5/31/20	Th-228	5.76E+00	3.11E+00	4.41E+00	UI
WS	SWL-2	512484	001	5/31/20	Zn-65	2.97E-01	1.17E+00	3.55E+00	U
WS	SWL-2	512484	001	5/31/20	Zr-95	-6.30E-01	1.05E+00	3.23E+00	U
WS	SWL-3	512484	002	5/31/20	Ac-228	2.10E+00	7.69E+00	1.08E+01	U
WS	SWL-3	512484	002	5/31/20	Sb-124	1.07E+00	2.52E+00	8.54E+00	U
WS	SWL-3	512484	002	5/31/20	Sb-125	2.45E-01	2.11E+00	7.22E+00	U
WS	SWL-3	512484	002	5/31/20	Ba-140	2.15E+01	1.02E+01	3.07E+01	U
WS	SWL-3	512484	002	5/31/20	Be-7	4.94E+00	7.33E+00	2.53E+01	U
WS	SWL-3	512484	002	5/31/20	Ce-141	-2.51E+00	2.00E+00	5.63E+00	U
WS	SWL-3	512484	002	5/31/20	Ce-144	9.93E-01	5.33E+00	1.78E+01	U
WS	SWL-3	512484	002	5/31/20	Cs-134	5.29E-01	9.51E-01	3.17E+00	U
WS	SWL-3	512484	002	5/31/20	Cs-137	4.68E+00	1.66E+00	2.18E+00	UI
WS	SWL-3	512484	002	5/31/20	Cr-51	2.24E+01	1.26E+01	3.87E+01	U
WS	SWL-3	512484	002	5/31/20	Co-57	5.63E-01	6.95E-01	2.32E+00	U
WS	SWL-3	512484	002	5/31/20	Co-58	-1.07E+00	9.43E-01	2.71E+00	U
WS	SWL-3	512484	002	5/31/20	Co-60	2.34E+00	1.19E+00	3.54E+00	U
WS	SWL-3	512484	002	5/31/20	I-131	3.62E+00	4.78E+00	1.52E+01	U
WS	SWL-3	512484	002	5/31/20	Fe-59	-6.25E-01	2.00E+00	6.62E+00	U
WS	SWL-3	512484	002	5/31/20	La-140	3.99E-01	3.44E+00	1.14E+01	U
WS	SWL-3	512484	002	5/31/20	Mn-54	6.34E-01	8.43E-01	2.82E+00	U
WS	SWL-3	512484	002	5/31/20	Nb-95	3.57E-01	9.95E-01	3.30E+00	U
WS	SWL-3	512484	002	5/31/20	K-40	1.38E+01	1.96E+01	2.70E+01	U
WS	SWL-3	512484	002	5/31/20	Ru-103	-1.54E+00	1.12E+00	3.35E+00	U
WS	SWL-3	512484	002	5/31/20	Ru-106	1.25E+01	8.12E+00	2.71E+01	U
WS	SWL-3	512484	002	5/31/20	Se-75	8.77E-01	1.20E+00	3.86E+00	U
WS	SWL-3	512484	002	5/31/20	Ag-108m	8.27E-01	7.06E-01	2.42E+00	U
WS	SWL-3	512484	002	5/31/20	Ag-110m	1.20E+00	1.16E+00	3.89E+00	U
WS	SWL-3	512484	002	5/31/20	Th-228	6.65E+00	4.69E+00	6.06E+00	UI
WS	SWL-3	512484	002	5/31/20	Zn-65	8.74E-01	1.81E+00	5.66E+00	U
WS	SWL-3	512484	002	5/31/20	Zr-95	-1.91E+00	2.33E+00	5.24E+00	U
WS	SWL-2	515022	001	6/30/20	Ac-228	1.49E+01	5.91E+00	1.26E+01	UI
WS	SWL-2	515022	001	6/30/20	Sb-124	8.76E-03	2.08E+00	6.68E+00	U
WS	SWL-2	515022	001	6/30/20	Sb-125	1.58E+00	2.13E+00	7.27E+00	U
WS	SWL-2	515022	001	6/30/20	Ba-140	-3.72E+00	9.38E+00	2.67E+01	U
WS	SWL-2	515022	001	6/30/20	Be-7	1.90E+00	7.22E+00	2.43E+01	U
WS	SWL-2	515022	001	6/30/20	Ce-141	-2.78E+00	1.96E+00	5.69E+00	U
WS	SWL-2	515022	001	6/30/20	Ce-144	8.49E+00	5.39E+00	1.73E+01	U
WS	SWL-2	515022	001	6/30/20	Cs-134	2.62E-01	7.48E-01	2.45E+00	U
WS	SWL-2	515022	001	6/30/20	Cs-137	6.48E-01	1.38E+00	2.46E+00	U
WS	SWL-2	515022	001	6/30/20	Cr-51	-2.40E+00	9.87E+00	3.33E+01	U
WS	SWL-2	515022	001	6/30/20	Co-57	-2.49E-01	6.88E-01	2.22E+00	U
WS	SWL-2	515022	001	6/30/20	Co-58	-1.63E-01	8.44E-01	2.64E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	515022	001	6/30/20	Co-60	6.74E-01	8.27E-01	2.86E+00	U
WS	SWL-2	515022	001	6/30/20	I-131	4.09E+00	4.74E+00	1.63E+01	U
WS	SWL-2	515022	001	6/30/20	Fe-59	-7.20E-01	1.94E+00	6.28E+00	U
WS	SWL-2	515022	001	6/30/20	La-140	3.38E+00	3.05E+00	1.06E+01	U
WS	SWL-2	515022	001	6/30/20	Mn-54	-8.81E-03	7.79E-01	2.47E+00	U
WS	SWL-2	515022	001	6/30/20	Nb-95	-1.26E+00	1.18E+00	2.95E+00	U
WS	SWL-2	515022	001	6/30/20	K-40	1.89E+01	1.87E+01	3.01E+01	U
WS	SWL-2	515022	001	6/30/20	Ru-103	-1.46E+00	1.08E+00	3.13E+00	U
WS	SWL-2	515022	001	6/30/20	Ru-106	-1.06E+01	7.54E+00	2.10E+01	U
WS	SWL-2	515022	001	6/30/20	Se-75	1.21E+00	1.22E+00	3.88E+00	U
WS	SWL-2	515022	001	6/30/20	Ag-108m	-6.30E-01	6.41E-01	1.98E+00	U
WS	SWL-2	515022	001	6/30/20	Ag-110m	-9.67E-02	1.00E+00	3.38E+00	U
WS	SWL-2	515022	001	6/30/20	Th-228	3.40E+00	2.97E+00	4.22E+00	U
WS	SWL-2	515022	001	6/30/20	Zn-65	-4.02E-01	1.57E+00	5.13E+00	U
WS	SWL-2	515022	001	6/30/20	Zr-95	-8.79E-01	1.61E+00	4.90E+00	U
WS	SWL-2	515022	002	6/30/20	H-3	2.98E+02	4.30E+02	1.37E+03	U
WS	SWL-3	515022	003	6/30/20	Ac-228	8.45E+00	4.97E+00	7.27E+00	UI
WS	SWL-3	515022	003	6/30/20	Sb-124	4.96E-01	2.50E+00	8.35E+00	U
WS	SWL-3	515022	003	6/30/20	Sb-125	-3.51E+00	2.29E+00	6.50E+00	U
WS	SWL-3	515022	003	6/30/20	Ba-140	-1.79E+01	8.80E+00	2.12E+01	U
WS	SWL-3	515022	003	6/30/20	Be-7	3.70E+00	8.14E+00	2.75E+01	U
WS	SWL-3	515022	003	6/30/20	Ce-141	1.40E+00	2.01E+00	6.44E+00	U
WS	SWL-3	515022	003	6/30/20	Ce-144	2.46E+00	5.41E+00	1.74E+01	U
WS	SWL-3	515022	003	6/30/20	Cs-134	9.17E-01	8.45E-01	2.87E+00	U
WS	SWL-3	515022	003	6/30/20	Cs-137	1.08E+00	8.81E-01	2.97E+00	U
WS	SWL-3	515022	003	6/30/20	Cr-51	-1.23E+00	9.87E+00	3.32E+01	U
WS	SWL-3	515022	003	6/30/20	Co-57	-1.56E+00	9.79E-01	2.40E+00	U
WS	SWL-3	515022	003	6/30/20	Co-58	-1.10E-01	9.01E-01	2.86E+00	U
WS	SWL-3	515022	003	6/30/20	Co-60	9.54E-01	8.38E-01	2.99E+00	U
WS	SWL-3	515022	003	6/30/20	I-131	2.84E+00	4.25E+00	1.46E+01	U
WS	SWL-3	515022	003	6/30/20	Fe-59	2.88E-01	1.82E+00	6.24E+00	U
WS	SWL-3	515022	003	6/30/20	La-140	-2.47E+00	3.22E+00	9.62E+00	U
WS	SWL-3	515022	003	6/30/20	Mn-54	8.56E-01	7.60E-01	2.58E+00	U
WS	SWL-3	515022	003	6/30/20	Nb-95	-8.41E-01	1.00E+00	2.96E+00	U
WS	SWL-3	515022	003	6/30/20	K-40	-1.72E+01	1.43E+01	4.19E+01	U
WS	SWL-3	515022	003	6/30/20	Ru-103	-8.57E-01	1.11E+00	3.45E+00	U
WS	SWL-3	515022	003	6/30/20	Ru-106	7.81E+00	6.35E+00	2.17E+01	U
WS	SWL-3	515022	003	6/30/20	Se-75	1.94E-01	1.13E+00	3.88E+00	U
WS	SWL-3	515022	003	6/30/20	Ag-108m	-2.19E-01	6.06E-01	1.97E+00	U
WS	SWL-3	515022	003	6/30/20	Ag-110m	1.50E-01	1.18E+00	3.81E+00	U
WS	SWL-3	515022	003	6/30/20	Th-228	1.41E+00	2.98E+00	6.41E+00	U
WS	SWL-3	515022	003	6/30/20	Zn-65	3.76E-01	1.59E+00	5.45E+00	U
WS	SWL-3	515022	003	6/30/20	Zr-95	-2.91E+00	1.88E+00	4.93E+00	U
WS	SWL-3	515022	004	6/30/20	H-3	3.06E+01	4.14E+02	1.36E+03	U
WS	SWL-2	517639	001	7/31/20	Ac-228	-4.15E+00	2.98E+00	5.32E+00	U
WS	SWL-2	517639	001	7/31/20	Sb-124	-9.97E-01	1.02E+00	3.14E+00	U
WS	SWL-2	517639	001	7/31/20	Sb-125	-6.23E-01	9.47E-01	3.12E+00	U
WS	SWL-2	517639	001	7/31/20	Ba-140	8.20E-01	4.08E+00	1.37E+01	U
WS	SWL-2	517639	001	7/31/20	Be-7	9.38E+00	4.28E+00	1.30E+01	U
WS	SWL-2	517639	001	7/31/20	Ce-141	-1.52E+00	1.01E+00	2.95E+00	U
WS	SWL-2	517639	001	7/31/20	Ce-144	5.67E-01	2.72E+00	8.76E+00	U
WS	SWL-2	517639	001	7/31/20	Cs-134	-1.99E-01	3.92E-01	1.25E+00	U
WS	SWL-2	517639	001	7/31/20	Cs-137	6.95E-01	3.95E-01	1.25E+00	U
WS	SWL-2	517639	001	7/31/20	Cr-51	-1.52E+00	4.71E+00	1.60E+01	U
WS	SWL-2	517639	001	7/31/20	Co-57	3.65E-02	3.46E-01	1.12E+00	U
WS	SWL-2	517639	001	7/31/20	Co-58	3.44E-01	3.88E-01	1.28E+00	U
WS	SWL-2	517639	001	7/31/20	Co-60	4.83E-01	3.88E-01	1.32E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	517639	001	7/31/20	I-131	5.29E+00	2.67E+00	8.39E+00	U
WS	SWL-2	517639	001	7/31/20	Fe-59	7.70E-01	9.30E-01	3.01E+00	U
WS	SWL-2	517639	001	7/31/20	La-140	-2.15E+00	1.45E+00	4.22E+00	U
WS	SWL-2	517639	001	7/31/20	Mn-54	-1.73E-01	3.60E-01	1.15E+00	U
WS	SWL-2	517639	001	7/31/20	Nb-95	2.07E-01	4.24E-01	1.40E+00	U
WS	SWL-2	517639	001	7/31/20	K-40	-6.95E+00	8.20E+00	1.96E+01	U
WS	SWL-2	517639	001	7/31/20	Ru-103	-1.73E-01	6.42E-01	1.51E+00	U
WS	SWL-2	517639	001	7/31/20	Ru-106	5.97E+00	6.20E+00	9.65E+00	U
WS	SWL-2	517639	001	7/31/20	Se-75	9.21E-01	5.97E-01	1.80E+00	U
WS	SWL-2	517639	001	7/31/20	Ag-108m	1.98E-01	3.10E-01	1.05E+00	U
WS	SWL-2	517639	001	7/31/20	Ag-110m	1.22E+00	5.31E-01	1.59E+00	U
WS	SWL-2	517639	001	7/31/20	Th-228	8.84E-01	1.40E+00	2.67E+00	U
WS	SWL-2	517639	001	7/31/20	Zn-65	-9.00E-02	8.46E-01	2.39E+00	U
WS	SWL-2	517639	001	7/31/20	Zr-95	-4.55E-01	7.33E-01	2.33E+00	U
WS	SWL-3	517639	002	7/31/20	Ac-228	-2.02E-02	2.55E+00	5.18E+00	U
WS	SWL-3	517639	002	7/31/20	Sb-124	-3.87E-01	8.27E-01	2.63E+00	U
WS	SWL-3	517639	002	7/31/20	Sb-125	-4.81E-01	7.93E-01	2.61E+00	U
WS	SWL-3	517639	002	7/31/20	Ba-140	8.67E+00	4.06E+00	1.26E+01	U
WS	SWL-3	517639	002	7/31/20	Be-7	5.36E+00	3.36E+00	1.10E+01	U
WS	SWL-3	517639	002	7/31/20	Ce-141	2.24E+00	1.50E+00	2.27E+00	U
WS	SWL-3	517639	002	7/31/20	Ce-144	3.81E+00	2.36E+00	7.30E+00	U
WS	SWL-3	517639	002	7/31/20	Cs-134	-5.18E-01	3.55E-01	1.02E+00	U
WS	SWL-3	517639	002	7/31/20	Cs-137	2.58E-01	3.42E-01	1.14E+00	U
WS	SWL-3	517639	002	7/31/20	Cr-51	9.42E+00	5.34E+00	1.46E+01	U
WS	SWL-3	517639	002	7/31/20	Co-57	-4.88E-02	2.94E-01	9.55E-01	U
WS	SWL-3	517639	002	7/31/20	Co-58	5.91E-01	4.14E-01	1.34E+00	U
WS	SWL-3	517639	002	7/31/20	Co-60	5.55E-01	3.56E-01	1.20E+00	U
WS	SWL-3	517639	002	7/31/20	I-131	8.85E+00	3.68E+00	6.59E+00	UI
WS	SWL-3	517639	002	7/31/20	Fe-59	-5.06E-01	9.08E-01	2.78E+00	U
WS	SWL-3	517639	002	7/31/20	La-140	-7.44E-02	1.43E+00	4.14E+00	U
WS	SWL-3	517639	002	7/31/20	Mn-54	-2.75E-01	3.30E-01	1.01E+00	U
WS	SWL-3	517639	002	7/31/20	Nb-95	1.82E+00	6.17E-01	1.21E+00	UI
WS	SWL-3	517639	002	7/31/20	K-40	-1.07E+01	8.69E+00	1.71E+01	U
WS	SWL-3	517639	002	7/31/20	Ru-103	-7.25E-01	4.74E-01	1.42E+00	U
WS	SWL-3	517639	002	7/31/20	Ru-106	-1.85E+00	2.86E+00	9.13E+00	U
WS	SWL-3	517639	002	7/31/20	Se-75	4.02E-01	6.48E-01	1.56E+00	U
WS	SWL-3	517639	002	7/31/20	Ag-108m	4.01E-02	2.71E-01	9.17E-01	U
WS	SWL-3	517639	002	7/31/20	Ag-110m	4.28E-01	4.17E-01	1.37E+00	U
WS	SWL-3	517639	002	7/31/20	Th-228	-1.66E+00	1.12E+00	2.39E+00	U
WS	SWL-3	517639	002	7/31/20	Zn-65	4.90E-01	6.87E-01	2.22E+00	U
WS	SWL-3	517639	002	7/31/20	Zr-95	-3.87E-01	6.46E-01	2.04E+00	U
WS	SWL-2	520217	001	8/31/20	Ac-228	-5.38E+00	6.06E+00	1.79E+01	U
WS	SWL-2	520217	001	8/31/20	Sb-124	-8.78E-01	2.87E+00	9.17E+00	U
WS	SWL-2	520217	001	8/31/20	Sb-125	-1.45E+00	3.11E+00	9.65E+00	U
WS	SWL-2	520217	001	8/31/20	Ba-140	2.35E+00	1.03E+01	3.31E+01	U
WS	SWL-2	520217	001	8/31/20	Be-7	1.37E+00	1.10E+01	3.54E+01	U
WS	SWL-2	520217	001	8/31/20	Ce-141	-2.82E+00	2.86E+00	8.08E+00	U
WS	SWL-2	520217	001	8/31/20	Ce-144	-3.41E+00	7.09E+00	2.35E+01	U
WS	SWL-2	520217	001	8/31/20	Cs-134	-5.66E-01	1.26E+00	4.02E+00	U
WS	SWL-2	520217	001	8/31/20	Cs-137	-4.00E-01	1.14E+00	3.74E+00	U
WS	SWL-2	520217	001	8/31/20	Cr-51	1.21E+01	1.31E+01	4.42E+01	U
WS	SWL-2	520217	001	8/31/20	Co-57	7.60E-01	9.54E-01	3.29E+00	U
WS	SWL-2	520217	001	8/31/20	Co-58	7.38E-01	1.08E+00	3.77E+00	U
WS	SWL-2	520217	001	8/31/20	Co-60	3.83E-01	1.15E+00	3.82E+00	U
WS	SWL-2	520217	001	8/31/20	I-131	5.46E-01	4.82E+00	1.58E+01	U
WS	SWL-2	520217	001	8/31/20	Fe-59	-9.64E-01	3.33E+00	1.06E+01	U
WS	SWL-2	520217	001	8/31/20	La-140	2.36E+00	3.36E+00	1.20E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	520217	001	8/31/20	Mn-54	8.92E-01	1.05E+00	3.67E+00	U
WS	SWL-2	520217	001	8/31/20	Nb-95	-1.04E+00	1.20E+00	3.62E+00	U
WS	SWL-2	520217	001	8/31/20	K-40	4.24E+00	2.57E+01	3.73E+01	U
WS	SWL-2	520217	001	8/31/20	Ru-103	8.33E-01	1.56E+00	5.11E+00	U
WS	SWL-2	520217	001	8/31/20	Ru-106	6.56E+00	1.00E+01	3.49E+01	U
WS	SWL-2	520217	001	8/31/20	Se-75	-4.83E-01	1.64E+00	4.72E+00	U
WS	SWL-2	520217	001	8/31/20	Ag-108m	1.13E+00	9.97E-01	3.34E+00	U
WS	SWL-2	520217	001	8/31/20	Ag-110m	5.80E-01	1.41E+00	4.81E+00	U
WS	SWL-2	520217	001	8/31/20	Th-228	2.36E+01	7.78E+00	9.40E+00	UI
WS	SWL-2	520217	001	8/31/20	Zn-65	-3.17E+00	2.94E+00	6.77E+00	U
WS	SWL-2	520217	001	8/31/20	Zr-95	-3.09E+00	2.32E+00	6.49E+00	U
WS	SWL-3	520217	002	8/31/20	Ac-228	-1.07E+01	6.16E+00	1.57E+01	U
WS	SWL-3	520217	002	8/31/20	Sb-124	8.21E-02	3.26E+00	1.08E+01	U
WS	SWL-3	520217	002	8/31/20	Sb-125	-5.32E+00	3.42E+00	8.77E+00	U
WS	SWL-3	520217	002	8/31/20	Ba-140	4.51E+00	1.00E+01	2.99E+01	U
WS	SWL-3	520217	002	8/31/20	Be-7	-5.53E-01	1.11E+01	3.58E+01	U
WS	SWL-3	520217	002	8/31/20	Ce-141	-5.42E+00	3.12E+00	7.80E+00	U
WS	SWL-3	520217	002	8/31/20	Ce-144	6.90E+00	7.48E+00	2.42E+01	U
WS	SWL-3	520217	002	8/31/20	Cs-134	-6.67E-01	1.25E+00	3.99E+00	U
WS	SWL-3	520217	002	8/31/20	Cs-137	-2.20E-01	1.09E+00	3.65E+00	U
WS	SWL-3	520217	002	8/31/20	Cr-51	2.25E+01	1.53E+01	5.12E+01	U
WS	SWL-3	520217	002	8/31/20	Co-57	-2.36E-01	9.63E-01	3.04E+00	U
WS	SWL-3	520217	002	8/31/20	Co-58	-4.14E-02	1.07E+00	3.55E+00	U
WS	SWL-3	520217	002	8/31/20	Co-60	2.66E-01	9.27E-01	3.23E+00	U
WS	SWL-3	520217	002	8/31/20	I-131	-1.60E+00	5.26E+00	1.70E+01	U
WS	SWL-3	520217	002	8/31/20	Fe-59	4.01E+00	2.74E+00	9.59E+00	U
WS	SWL-3	520217	002	8/31/20	La-140	-5.58E+00	4.86E+00	1.40E+01	U
WS	SWL-3	520217	002	8/31/20	Mn-54	3.64E-01	1.07E+00	3.65E+00	U
WS	SWL-3	520217	002	8/31/20	Nb-95	2.19E+00	1.34E+00	4.66E+00	U
WS	SWL-3	520217	002	8/31/20	K-40	-1.69E+01	1.56E+01	4.84E+01	U
WS	SWL-3	520217	002	8/31/20	Ru-103	1.94E-01	1.27E+00	3.71E+00	U
WS	SWL-3	520217	002	8/31/20	Ru-106	-3.18E+00	1.09E+01	3.36E+01	U
WS	SWL-3	520217	002	8/31/20	Se-75	-2.32E-01	1.59E+00	5.31E+00	U
WS	SWL-3	520217	002	8/31/20	Ag-108m	-1.82E-01	8.93E-01	2.87E+00	U
WS	SWL-3	520217	002	8/31/20	Ag-110m	-4.60E-01	1.37E+00	4.37E+00	U
WS	SWL-3	520217	002	8/31/20	Th-228	-5.53E-01	2.51E+00	8.22E+00	U
WS	SWL-3	520217	002	8/31/20	Zn-65	9.39E+00	2.62E+00	6.97E+00	UI
WS	SWL-3	520217	002	8/31/20	Zr-95	-1.07E+00	2.45E+00	7.93E+00	U
WS	SWL-2	523139	001	9/30/20	Ac-228	4.74E+00	5.89E+00	7.84E+00	U
WS	SWL-2	523139	001	9/30/20	Sb-124	1.57E+00	2.43E+00	7.54E+00	U
WS	SWL-2	523139	001	9/30/20	Sb-125	1.46E+00	2.15E+00	7.30E+00	U
WS	SWL-2	523139	001	9/30/20	Ba-140	2.17E+01	1.16E+01	2.19E+01	U
WS	SWL-2	523139	001	9/30/20	Be-7	-3.39E+00	8.77E+00	2.83E+01	U
WS	SWL-2	523139	001	9/30/20	Ce-141	-7.46E+00	3.06E+00	6.34E+00	U
WS	SWL-2	523139	001	9/30/20	Ce-144	1.29E-02	5.71E+00	1.81E+01	U
WS	SWL-2	523139	001	9/30/20	Cs-134	7.32E-01	8.14E-01	2.73E+00	U
WS	SWL-2	523139	001	9/30/20	Cs-137	1.26E+00	8.66E-01	2.90E+00	U
WS	SWL-2	523139	001	9/30/20	Cr-51	-1.15E+01	1.12E+01	3.50E+01	U
WS	SWL-2	523139	001	9/30/20	Co-57	-8.94E-01	7.84E-01	2.30E+00	U
WS	SWL-2	523139	001	9/30/20	Co-58	-2.01E+00	9.93E-01	2.20E+00	U
WS	SWL-2	523139	001	9/30/20	Co-60	1.89E-01	7.00E-01	2.38E+00	U
WS	SWL-2	523139	001	9/30/20	I-131	3.17E+00	4.32E+00	1.48E+01	U
WS	SWL-2	523139	001	9/30/20	Fe-59	-3.55E+00	2.10E+00	5.50E+00	U
WS	SWL-2	523139	001	9/30/20	La-140	1.03E+00	2.74E+00	9.26E+00	U
WS	SWL-2	523139	001	9/30/20	Mn-54	-3.33E-01	8.84E-01	2.73E+00	U
WS	SWL-2	523139	001	9/30/20	Nb-95	1.13E-01	1.29E+00	2.42E+00	U
WS	SWL-2	523139	001	9/30/20	K-40	3.74E-01	1.50E+01	2.58E+01	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	523139	001	9/30/20	Ru-103	-1.77E+00	1.13E+00	3.11E+00	U
WS	SWL-2	523139	001	9/30/20	Ru-106	-3.47E+00	6.73E+00	2.09E+01	U
WS	SWL-2	523139	001	9/30/20	Se-75	-1.22E+00	1.19E+00	3.79E+00	U
WS	SWL-2	523139	001	9/30/20	Ag-108m	-1.99E-01	7.08E-01	2.31E+00	U
WS	SWL-2	523139	001	9/30/20	Ag-110m	-1.21E+00	1.13E+00	3.13E+00	U
WS	SWL-2	523139	001	9/30/20	Th-228	6.22E-01	3.19E+00	6.57E+00	U
WS	SWL-2	523139	001	9/30/20	Zn-65	-5.93E-01	1.61E+00	5.24E+00	U
WS	SWL-2	523139	001	9/30/20	Zr-95	-1.05E+00	1.37E+00	4.01E+00	U
WS	SWL-2	523139	002	9/30/20	H-3	-3.48E+02	3.84E+02	1.31E+03	U
WS	SWL-3	523139	003	9/30/20	Ac-228	1.47E+00	4.52E+00	1.36E+01	U
WS	SWL-3	523139	003	9/30/20	Sb-124	-1.07E+00	2.72E+00	8.75E+00	U
WS	SWL-3	523139	003	9/30/20	Sb-125	1.64E+00	3.16E+00	9.10E+00	U
WS	SWL-3	523139	003	9/30/20	Ba-140	2.99E+00	9.45E+00	3.15E+01	U
WS	SWL-3	523139	003	9/30/20	Be-7	2.98E+00	9.27E+00	3.11E+01	U
WS	SWL-3	523139	003	9/30/20	Ce-141	-2.19E+00	2.06E+00	6.18E+00	U
WS	SWL-3	523139	003	9/30/20	Ce-144	5.61E+00	6.05E+00	1.99E+01	U
WS	SWL-3	523139	003	9/30/20	Cs-134	-2.19E+00	1.11E+00	2.44E+00	U
WS	SWL-3	523139	003	9/30/20	Cs-137	-1.04E-01	9.14E-01	2.92E+00	U
WS	SWL-3	523139	003	9/30/20	Cr-51	-1.55E+01	1.19E+01	3.63E+01	U
WS	SWL-3	523139	003	9/30/20	Co-57	-1.63E+00	9.46E-01	2.65E+00	U
WS	SWL-3	523139	003	9/30/20	Co-58	-2.59E-01	1.20E+00	3.73E+00	U
WS	SWL-3	523139	003	9/30/20	Co-60	-1.90E-01	8.60E-01	2.73E+00	U
WS	SWL-3	523139	003	9/30/20	I-131	-6.21E-01	4.82E+00	1.62E+01	U
WS	SWL-3	523139	003	9/30/20	Fe-59	1.73E+00	2.75E+00	8.47E+00	U
WS	SWL-3	523139	003	9/30/20	La-140	-1.95E+00	3.91E+00	1.18E+01	U
WS	SWL-3	523139	003	9/30/20	Mn-54	7.51E-01	9.65E-01	3.38E+00	U
WS	SWL-3	523139	003	9/30/20	Nb-95	-3.34E-03	1.16E+00	3.70E+00	U
WS	SWL-3	523139	003	9/30/20	K-40	1.56E+01	1.25E+01	4.29E+01	U
WS	SWL-3	523139	003	9/30/20	Ru-103	2.78E-01	1.28E+00	4.26E+00	U
WS	SWL-3	523139	003	9/30/20	Ru-106	-1.85E+00	1.03E+01	2.86E+01	U
WS	SWL-3	523139	003	9/30/20	Se-75	8.34E-01	1.45E+00	4.60E+00	U
WS	SWL-3	523139	003	9/30/20	Ag-108m	-1.40E+00	8.00E-01	2.15E+00	U
WS	SWL-3	523139	003	9/30/20	Ag-110m	8.77E-01	1.26E+00	4.40E+00	U
WS	SWL-3	523139	003	9/30/20	Th-228	5.36E-01	2.34E+00	6.18E+00	U
WS	SWL-3	523139	003	9/30/20	Zn-65	2.17E+00	2.07E+00	6.63E+00	U
WS	SWL-3	523139	003	9/30/20	Zr-95	3.03E+00	3.79E+00	7.37E+00	U
WS	SWL-3	523139	004	9/30/20	H-3	-8.25E+02	3.67E+02	1.32E+03	U
WS	SWL-2	526187	001	10/31/20	Ac-228	-7.02E+00	4.34E+00	1.04E+01	U
WS	SWL-2	526187	001	10/31/20	Sb-124	1.51E+00	3.07E+00	9.26E+00	U
WS	SWL-2	526187	001	10/31/20	Sb-125	-4.79E+00	2.70E+00	7.04E+00	U
WS	SWL-2	526187	001	10/31/20	Ba-140	2.23E+01	3.18E+01	3.92E+01	U
WS	SWL-2	526187	001	10/31/20	Be-7	-7.54E+00	1.38E+01	3.41E+01	U
WS	SWL-2	526187	001	10/31/20	Ce-141	1.53E+00	3.82E+00	6.84E+00	U
WS	SWL-2	526187	001	10/31/20	Ce-144	-2.59E+00	7.05E+00	2.05E+01	U
WS	SWL-2	526187	001	10/31/20	Cs-134	8.83E-01	8.30E-01	2.67E+00	U
WS	SWL-2	526187	001	10/31/20	Cs-137	-6.95E-01	1.07E+00	3.02E+00	U
WS	SWL-2	526187	001	10/31/20	Cr-51	2.17E+01	1.30E+01	4.17E+01	U
WS	SWL-2	526187	001	10/31/20	Co-57	-2.21E-03	7.98E-01	2.65E+00	U
WS	SWL-2	526187	001	10/31/20	Co-58	-7.95E-02	9.36E-01	3.13E+00	U
WS	SWL-2	526187	001	10/31/20	Co-60	6.56E-01	7.64E-01	2.68E+00	U
WS	SWL-2	526187	001	10/31/20	I-131	-8.52E-01	7.53E+00	2.41E+01	U
WS	SWL-2	526187	001	10/31/20	Fe-59	-2.17E+00	3.72E+00	6.85E+00	U
WS	SWL-2	526187	001	10/31/20	La-140	2.69E-01	3.82E+00	1.25E+01	U
WS	SWL-2	526187	001	10/31/20	Mn-54	-4.55E-01	8.31E-01	2.66E+00	U
WS	SWL-2	526187	001	10/31/20	Nb-95	-6.76E-02	9.63E-01	3.23E+00	U
WS	SWL-2	526187	001	10/31/20	K-40	1.97E+01	1.76E+01	2.46E+01	U
WS	SWL-2	526187	001	10/31/20	Ru-103	-1.24E+00	1.35E+00	3.96E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	526187	001	10/31/20	Ru-106	-3.88E+00	9.33E+00	2.70E+01	U
WS	SWL-2	526187	001	10/31/20	Se-75	7.18E+00	2.88E+00	4.75E+00	UI
WS	SWL-2	526187	001	10/31/20	Ag-108m	4.72E-01	7.92E-01	2.59E+00	U
WS	SWL-2	526187	001	10/31/20	Ag-110m	5.43E-01	1.17E+00	4.02E+00	U
WS	SWL-2	526187	001	10/31/20	Th-228	5.09E+00	4.12E+00	6.45E+00	U
WS	SWL-2	526187	001	10/31/20	Zn-65	1.47E+00	2.00E+00	6.86E+00	U
WS	SWL-2	526187	001	10/31/20	Zr-95	4.86E+00	2.10E+00	6.92E+00	U
WS	SWL-3	526187	002	10/31/20	Ac-228	1.16E+01	6.34E+00	1.15E+01	UI
WS	SWL-3	526187	002	10/31/20	Sb-124	4.34E-01	1.79E+00	6.05E+00	U
WS	SWL-3	526187	002	10/31/20	Sb-125	1.01E+00	1.65E+00	5.68E+00	U
WS	SWL-3	526187	002	10/31/20	Ba-140	4.64E+00	8.81E+00	2.72E+01	U
WS	SWL-3	526187	002	10/31/20	Be-7	-7.77E+00	6.91E+00	2.08E+01	U
WS	SWL-3	526187	002	10/31/20	Ce-141	-2.86E+00	1.86E+00	5.23E+00	U
WS	SWL-3	526187	002	10/31/20	Ce-144	2.41E+00	4.68E+00	1.53E+01	U
WS	SWL-3	526187	002	10/31/20	Cs-134	3.97E-01	7.15E-01	2.40E+00	U
WS	SWL-3	526187	002	10/31/20	Cs-137	-2.83E-01	6.62E-01	2.10E+00	U
WS	SWL-3	526187	002	10/31/20	Cr-51	-5.40E+00	9.43E+00	3.13E+01	U
WS	SWL-3	526187	002	10/31/20	Co-57	9.07E-01	6.50E-01	2.09E+00	U
WS	SWL-3	526187	002	10/31/20	Co-58	4.88E-01	7.08E-01	2.40E+00	U
WS	SWL-3	526187	002	10/31/20	Co-60	1.09E+00	6.32E-01	2.30E+00	U
WS	SWL-3	526187	002	10/31/20	I-131	3.00E+00	4.61E+00	1.60E+01	U
WS	SWL-3	526187	002	10/31/20	Fe-59	-1.89E+00	1.71E+00	4.58E+00	U
WS	SWL-3	526187	002	10/31/20	La-140	-9.62E-01	3.06E+00	9.79E+00	U
WS	SWL-3	526187	002	10/31/20	Mn-54	5.56E-01	6.66E-01	2.25E+00	U
WS	SWL-3	526187	002	10/31/20	Nb-95	-9.93E-01	1.01E+00	2.72E+00	U
WS	SWL-3	526187	002	10/31/20	K-40	3.37E+01	1.55E+01	1.59E+01	UI
WS	SWL-3	526187	002	10/31/20	Ru-103	-7.14E-01	9.90E-01	2.76E+00	U
WS	SWL-3	526187	002	10/31/20	Ru-106	-7.36E+00	6.20E+00	1.80E+01	U
WS	SWL-3	526187	002	10/31/20	Se-75	-1.29E+00	1.11E+00	3.13E+00	U
WS	SWL-3	526187	002	10/31/20	Ag-108m	-5.89E-01	5.80E-01	1.56E+00	U
WS	SWL-3	526187	002	10/31/20	Ag-110m	1.78E+00	1.13E+00	3.50E+00	U
WS	SWL-3	526187	002	10/31/20	Th-228	5.93E+00	2.38E+00	5.36E+00	UI
WS	SWL-3	526187	002	10/31/20	Zn-65	-3.11E-01	1.52E+00	4.47E+00	U
WS	SWL-3	526187	002	10/31/20	Zr-95	1.42E+00	1.50E+00	5.10E+00	U
WS	SWL-2	528957	001	11/30/20	Ac-228	-5.37E+00	4.61E+00	1.19E+01	U
WS	SWL-2	528957	001	11/30/20	Sb-124	2.15E+00	1.95E+00	7.00E+00	U
WS	SWL-2	528957	001	11/30/20	Sb-125	-1.55E+00	1.95E+00	6.11E+00	U
WS	SWL-2	528957	001	11/30/20	Ba-140	-1.87E+01	9.48E+00	2.45E+01	U
WS	SWL-2	528957	001	11/30/20	Be-7	9.80E+00	7.89E+00	2.63E+01	U
WS	SWL-2	528957	001	11/30/20	Ce-141	-7.46E+00	3.24E+00	6.57E+00	U
WS	SWL-2	528957	001	11/30/20	Ce-144	-8.83E-01	5.27E+00	1.78E+01	U
WS	SWL-2	528957	001	11/30/20	Cs-134	-3.76E-01	8.12E-01	2.54E+00	U
WS	SWL-2	528957	001	11/30/20	Cs-137	1.95E+00	8.94E-01	2.83E+00	U
WS	SWL-2	528957	001	11/30/20	Cr-51	-2.60E+00	1.03E+01	3.39E+01	U
WS	SWL-2	528957	001	11/30/20	Co-57	7.19E-01	7.45E-01	2.52E+00	U
WS	SWL-2	528957	001	11/30/20	Co-58	-4.41E-01	8.23E-01	2.55E+00	U
WS	SWL-2	528957	001	11/30/20	Co-60	7.88E-01	8.69E-01	2.90E+00	U
WS	SWL-2	528957	001	11/30/20	I-131	-3.24E+00	4.55E+00	1.45E+01	U
WS	SWL-2	528957	001	11/30/20	Fe-59	1.64E+00	1.96E+00	6.54E+00	U
WS	SWL-2	528957	001	11/30/20	La-140	-2.38E-01	3.16E+00	9.34E+00	U
WS	SWL-2	528957	001	11/30/20	Mn-54	-8.13E-01	7.52E-01	2.18E+00	U
WS	SWL-2	528957	001	11/30/20	Nb-95	4.32E-01	9.60E-01	3.17E+00	U
WS	SWL-2	528957	001	11/30/20	K-40	-7.72E+00	1.35E+01	4.04E+01	U
WS	SWL-2	528957	001	11/30/20	Ru-103	-3.57E-01	1.00E+00	3.23E+00	U
WS	SWL-2	528957	001	11/30/20	Ru-106	7.32E+00	6.08E+00	2.05E+01	U
WS	SWL-2	528957	001	11/30/20	Se-75	4.85E-01	1.11E+00	3.73E+00	U
WS	SWL-2	528957	001	11/30/20	Ag-108m	-1.54E-01	6.30E-01	2.06E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	528957	001	11/30/20	Ag-110m	-6.11E-01	1.10E+00	3.39E+00	U
WS	SWL-2	528957	001	11/30/20	Th-228	-2.52E+00	2.09E+00	5.80E+00	U
WS	SWL-2	528957	001	11/30/20	Zn-65	2.16E+00	1.80E+00	5.54E+00	U
WS	SWL-2	528957	001	11/30/20	Zr-95	-1.01E+00	1.46E+00	4.46E+00	U
WS	SWL-3	528957	002	11/30/20	Ac-228	2.68E+00	4.13E+00	1.18E+01	U
WS	SWL-3	528957	002	11/30/20	Sb-124	-3.06E+00	2.32E+00	6.40E+00	U
WS	SWL-3	528957	002	11/30/20	Sb-125	4.29E-01	2.13E+00	6.85E+00	U
WS	SWL-3	528957	002	11/30/20	Ba-140	-6.02E+00	8.95E+00	2.54E+01	U
WS	SWL-3	528957	002	11/30/20	Be-7	1.09E+01	8.56E+00	2.75E+01	U
WS	SWL-3	528957	002	11/30/20	Ce-141	9.50E-01	1.93E+00	5.94E+00	U
WS	SWL-3	528957	002	11/30/20	Ce-144	-9.24E-01	4.90E+00	1.66E+01	U
WS	SWL-3	528957	002	11/30/20	Cs-134	1.72E+00	8.88E-01	2.90E+00	U
WS	SWL-3	528957	002	11/30/20	Cs-137	-6.12E-01	7.65E-01	2.42E+00	U
WS	SWL-3	528957	002	11/30/20	Cr-51	-2.28E+01	1.11E+01	2.87E+01	U
WS	SWL-3	528957	002	11/30/20	Co-57	-1.18E-01	6.71E-01	2.29E+00	U
WS	SWL-3	528957	002	11/30/20	Co-58	3.32E-01	8.53E-01	2.86E+00	U
WS	SWL-3	528957	002	11/30/20	Co-60	8.76E-01	6.97E-01	2.45E+00	U
WS	SWL-3	528957	002	11/30/20	I-131	-4.84E-01	4.63E+00	1.49E+01	U
WS	SWL-3	528957	002	11/30/20	Fe-59	1.21E+00	1.86E+00	6.18E+00	U
WS	SWL-3	528957	002	11/30/20	La-140	-3.13E+00	3.17E+00	8.25E+00	U
WS	SWL-3	528957	002	11/30/20	Mn-54	-1.10E-02	7.46E-01	2.45E+00	U
WS	SWL-3	528957	002	11/30/20	Nb-95	-1.20E+00	1.18E+00	3.07E+00	U
WS	SWL-3	528957	002	11/30/20	K-40	1.85E+01	1.03E+01	3.45E+01	U
WS	SWL-3	528957	002	11/30/20	Ru-103	6.19E-01	1.10E+00	3.17E+00	U
WS	SWL-3	528957	002	11/30/20	Ru-106	3.27E+00	6.92E+00	2.35E+01	U
WS	SWL-3	528957	002	11/30/20	Se-75	-7.67E-01	1.10E+00	3.50E+00	U
WS	SWL-3	528957	002	11/30/20	Ag-108m	-4.78E-04	7.05E-01	2.26E+00	U
WS	SWL-3	528957	002	11/30/20	Ag-110m	-1.83E-01	1.00E+00	3.25E+00	U
WS	SWL-3	528957	002	11/30/20	Th-228	-1.59E+00	1.98E+00	5.52E+00	U
WS	SWL-3	528957	002	11/30/20	Zn-65	4.66E+00	2.10E+00	6.18E+00	U
WS	SWL-3	528957	002	11/30/20	Zr-95	6.09E-01	1.67E+00	5.60E+00	U
WS	SWL-2	531225	001	12/31/20	Ac-228	6.12E+00	6.25E+00	1.34E+01	U
WS	SWL-2	531225	001	12/31/20	Sb-124	2.10E+00	2.65E+00	9.05E+00	U
WS	SWL-2	531225	001	12/31/20	Sb-125	-1.04E+00	2.24E+00	7.16E+00	U
WS	SWL-2	531225	001	12/31/20	Ba-140	5.94E+00	8.77E+00	2.93E+01	U
WS	SWL-2	531225	001	12/31/20	Be-7	-7.39E+00	9.52E+00	2.58E+01	U
WS	SWL-2	531225	001	12/31/20	Ce-141	-1.22E+00	1.99E+00	5.53E+00	U
WS	SWL-2	531225	001	12/31/20	Ce-144	-4.28E-01	4.87E+00	1.53E+01	U
WS	SWL-2	531225	001	12/31/20	Cs-134	-6.38E-01	8.30E-01	2.63E+00	U
WS	SWL-2	531225	001	12/31/20	Cs-137	5.77E-02	1.01E+00	2.75E+00	U
WS	SWL-2	531225	001	12/31/20	Cr-51	7.71E+00	1.04E+01	3.53E+01	U
WS	SWL-2	531225	001	12/31/20	Co-57	-2.12E-01	6.23E-01	1.93E+00	U
WS	SWL-2	531225	001	12/31/20	Co-58	1.76E-01	8.88E-01	3.05E+00	U
WS	SWL-2	531225	001	12/31/20	Co-60	-4.88E-01	8.87E-01	2.74E+00	U
WS	SWL-2	531225	001	12/31/20	I-131	-7.43E+00	5.10E+00	1.47E+01	U
WS	SWL-2	531225	001	12/31/20	Fe-59	1.08E+01	4.09E+00	7.31E+00	UI
WS	SWL-2	531225	001	12/31/20	La-140	3.93E+00	3.33E+00	1.16E+01	U
WS	SWL-2	531225	001	12/31/20	Mn-54	5.10E-01	8.54E-01	2.97E+00	U
WS	SWL-2	531225	001	12/31/20	Nb-95	-7.39E-01	9.93E-01	2.92E+00	U
WS	SWL-2	531225	001	12/31/20	K-40	3.27E+00	1.97E+01	2.34E+01	U
WS	SWL-2	531225	001	12/31/20	Ru-103	-8.16E-01	1.10E+00	3.37E+00	U
WS	SWL-2	531225	001	12/31/20	Ru-106	-5.25E+00	8.26E+00	2.52E+01	U
WS	SWL-2	531225	001	12/31/20	Se-75	-1.24E-01	1.03E+00	3.46E+00	U
WS	SWL-2	531225	001	12/31/20	Ag-108m	-2.72E-01	6.47E-01	2.07E+00	U
WS	SWL-2	531225	001	12/31/20	Ag-110m	1.07E+00	1.10E+00	3.86E+00	U
WS	SWL-2	531225	001	12/31/20	Th-228	1.91E+00	3.49E+00	5.31E+00	U
WS	SWL-2	531225	001	12/31/20	Zn-65	-1.87E-01	1.68E+00	5.10E+00	U

SAMPLE TYPE	STATION	LSN	ID #	END DATE	NUCLIDE	CONC (pCi/m^3)	STD DEV. (pCi/m^3)	MDC (pCi/m^3)	FLAGS
WS	SWL-2	531225	001	12/31/20	Zr-95	-6.75E-01	1.63E+00	4.97E+00	U
WS	SWL-2	531225	002	12/31/20	H-3	1.59E+02	4.43E+02	1.43E+03	U
WS	SWL-3	531225	003	12/31/20	Ac-228	4.78E+00	3.73E+00	1.26E+01	U
WS	SWL-3	531225	003	12/31/20	Sb-124	-4.32E+00	2.80E+00	6.99E+00	U
WS	SWL-3	531225	003	12/31/20	Sb-125	2.97E-01	2.75E+00	8.79E+00	U
WS	SWL-3	531225	003	12/31/20	Ba-140	7.73E+00	1.04E+01	3.57E+01	U
WS	SWL-3	531225	003	12/31/20	Be-7	2.41E+01	1.09E+01	3.55E+01	U
WS	SWL-3	531225	003	12/31/20	Ce-141	-5.88E+00	3.04E+00	7.45E+00	U
WS	SWL-3	531225	003	12/31/20	Ce-144	-8.92E-01	6.15E+00	1.90E+01	U
WS	SWL-3	531225	003	12/31/20	Cs-134	-1.53E-01	1.05E+00	3.36E+00	U
WS	SWL-3	531225	003	12/31/20	Cs-137	1.06E+00	1.01E+00	3.43E+00	U
WS	SWL-3	531225	003	12/31/20	Cr-51	1.84E+01	1.30E+01	4.25E+01	U
WS	SWL-3	531225	003	12/31/20	Co-57	1.31E+00	8.84E-01	2.75E+00	U
WS	SWL-3	531225	003	12/31/20	Co-58	-5.59E-01	1.12E+00	3.48E+00	U
WS	SWL-3	531225	003	12/31/20	Co-60	-3.34E-01	1.08E+00	3.42E+00	U
WS	SWL-3	531225	003	12/31/20	I-131	1.23E+01	6.73E+00	2.16E+01	U
WS	SWL-3	531225	003	12/31/20	Fe-59	5.25E+00	3.94E+00	7.64E+00	U
WS	SWL-3	531225	003	12/31/20	La-140	0.00E+00	0.00E+00	1.19E+01	U
WS	SWL-3	531225	003	12/31/20	Mn-54	-1.94E+00	1.24E+00	2.66E+00	U
WS	SWL-3	531225	003	12/31/20	Nb-95	-2.98E-01	1.06E+00	3.38E+00	U
WS	SWL-3	531225	003	12/31/20	K-40	5.37E-01	1.49E+01	4.95E+01	U
WS	SWL-3	531225	003	12/31/20	Ru-103	-7.21E-01	1.28E+00	4.15E+00	U
WS	SWL-3	531225	003	12/31/20	Ru-106	1.10E+01	9.53E+00	3.24E+01	U
WS	SWL-3	531225	003	12/31/20	Se-75	1.89E+00	1.45E+00	4.78E+00	U
WS	SWL-3	531225	003	12/31/20	Ag-108m	1.42E+00	9.26E-01	2.99E+00	U
WS	SWL-3	531225	003	12/31/20	Ag-110m	2.33E-01	1.31E+00	3.76E+00	U
WS	SWL-3	531225	003	12/31/20	Th-228	2.01E+00	3.14E+00	6.81E+00	U
WS	SWL-3	531225	003	12/31/20	Zn-65	8.31E-01	2.13E+00	7.29E+00	U
WS	SWL-3	531225	003	12/31/20	Zr-95	5.90E+00	2.60E+00	8.32E+00	U
WS	SWL-3	531225	004	12/31/20	H-3	4.98E+02	4.69E+02	1.45E+03	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 (see data summary package for narrative).
M: Reported result is less than the LLD and greater than the MDC.
DL: Measured MDC is greater than the LLD.

APPENDIX E

Pre-Operational Radiological Monitoring Program

Donald C. Cook Nuclear Plant
Pre-Operational Radiological Monitoring Program Summary

This appendix details information obtained during the conduct of a Pre-Operational Radiological Monitoring Program (PRMP) at the Donald C. Cook Nuclear Plant (CNP) from August 1971 until the initial criticality of Unit 1 on January 18, 1975. Program-related samples were analyzed by the Eberline Instrument Corporation and a summary of these results are presented below. This information was utilized during the evaluation of CNP's 2020 Radiological Environmental Monitoring Program sample data and allowed for the comparison of current and historical information.

Air Samples:

Gross beta radioactivity in PRMP air particulate filters ranged from 0.01 to 0.17 pCi/m^3 from mid-1971 until mid-1973. In June of 1973 and 1974, the People's Republic of China detonated several nuclear devices in the atmosphere. As a result, PRMP gross beta radioactivity results up to 0.45 pCi/m^3 were documented with no statistically significant difference noted between indicator and control stations. By the end of the pre-operational period, gross beta values were approximately 0.06 pCi/m^3.

Analysis of composited PRMP air particulate filters detected "trace amounts" of fission product radionuclides Ce-144, Ru-103, Ru-106, Zr-95, and Nb-95. The presence of these radionuclides was attributed to atmospheric nuclear tests conducted previously. Be-7, a cosmogenic nuclide produced through cosmic ray spallation, was also identified during the analysis of these air particulate filters.

Direct Radiation:

Direct radiation (background) as measured by PRMP thermoluminescent dosimeters ranged between 1.0 and 2.0 mrem per week.

Milk Samples:

Gamma ray spectroscopy of PRMP milk samples was conducted and naturally occurring K-40 was detected in the range of 520 to 2310 pCi/liter. Cs-137 was detected in many milk samples following the atmospheric nuclear test discussed above. Cs-137 radioactivity ranged from 8 to 33 pCi/liter. I-131 was noted in four milk samples collected on 7/9/74 with values ranging from 0.2 to 0.9 pCi/liter.

Lake Water Samples:

PRMP lake water samples collected were analyzed for tritium and by gamma ray spectroscopy. Tritium activities were below 1000 pCi/liter and typically averaged about 400 pCi/liter. No radionuclides were detected by gamma ray spectroscopy.

Lake Sediment Samples:

PRMP lake sediment samples were analyzed by gamma ray spectroscopy and a natural abundance of Uranium, Thorium daughters and K-40 were detected. Traces of Cs-137 were also noted (less than 0.1 pCi/gram) and attributed to fallout.

Fish Samples:

PRMP Fish samples collected and analyzed by gamma ray spectroscopy exhibited a natural abundance of K-40. Trace levels of Cs-137 present were attributed to fallout.

Drinking Water Samples:

Drinking water sampling and analysis was not performed as part of CNP's PRMP.

APPENDIX F

NEI GROUNDWATER PROTECTION INITIATIVE

Analysis of the Sample Data

The Groundwater Protection Initiative (GPI) Sample Data for 2020 indicates no groundwater contamination in excess of the reporting threshold of 2.00E-5 uCi/mL for tritium. Gamma spectroscopy was performed on all Radiological Environmental Monitoring Program wells quarterly. Those results are not actual GPI results so are not included in the ARERR, but are part of CNP's 2020 Annual Radiological Environmental Operating Report. There were no positively identified gamma radionuclides from plant effluents detected in any of the GPI well samples, and one well with trace levels of tritium just above detection limits.

The LLD value used for tritium counting of the samples was 9.45E-7. This is well below the required maximum LLD value of 2.00E-6 uCi/mL per the ODCM.

No tritium values were found significantly above LLD for 2020, though values found above the LLD are not abnormal, unexpected, or inconsistent with past sampling history. The samples observed above LLD historically were expected results from the release of tritiated water into the Absorption Pond, a licensed pathway and part of plant design, or the result of recapture deposition of tritium from licensed radioactive gaseous release points. The 2020 results were within expected parameters considering the reduction in tritium released to the Absorption Pond and typical rainfall recapture of tritium experienced.

Wells located inside the Protected Area of the plant are subject to recapture deposition of tritium and may show occasional sample results above LLD values following rainfalls and snow melt. The results observed in 2020 continue to reflect normal expectations and behaviors as they relate to recaptured tritium for the weather conditions observed. Well MW-28 lies close to the vent stacks in the predominant wind directions, so it is expected to observe recaptured tritium from precipitation periodically.

There were impacts from the COVID-19 pandemic on sampling resulting in slightly lower numbers of samples performed then in previous years. Sampling in support of the NEI 07-07 Groundwater Protection Initiative (GPI) was performed per our plant processes and procedures, though the efforts to prevent exposure of essential plant personnel to potential COVID-19 virus exposure led to reducing some sampling activities during periods of increasing trends in virus hospitalizations and positive test information provided by the State of Michigan. Our focus is always on the safety of our workers and the members of the public, and the Cook Plant management made every effort to keep non-essential personnel offsite if possible and away from essential workers required for safe operation of the plant. The GPI is a voluntary industry initiative, so focus was again made on assuring essential regulatory required activities received priority. ODCM required sampling activities as part of the REMP Program are very similar to the GPI utilizing many of the same wells. This redundancy allowed for the scaling back of the non-essential GPI sampling to help reduce worker risk to virus exposure in 2020.

The sample data indicates that no radioactive spills or unidentified leaks have occurred in 2020 impacting groundwater. The sample results indicate proper well placement to ensure the protection of the groundwater and early identification of any abnormal conditions involving groundwater. This is validated by the demonstrated ability to monitor percolation from the Absorption Pond and recaptured tritium in precipitation, with flow direction and behavior acting as described in the plant licensing documents

2020 GPI Sample Data

Samples analyzed for tritium. Values noted are in microcuries per milliliter (uCi/mL). Lower Limit of Detection = LLD

Sample Date	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9	W-10
1/7/2020										
1/14/2020				<LLD	<LLD	<LLD				
1/16/2020							<LLD			<LLD
1/22/2020										
1/23/2020	<LLD	<LLD	<LLD					<LLD	<LLD	
1/28/2020										
2/19/2020										
2/20/2020										
3/3/2020										
4/7/2020	<LLD		<LLD						<LLD	
4/14/2020							<LLD			<LLD
4/16/2020										
4/22/2020		<LLD						<LLD		
6/24/2020										
6/25/2020										
6/29/2020										
7/6/2020										
7/14/2020	<LLD	<LLD					<LLD	<LLD	<LLD	<LLD
7/15/2020			<LLD	<LLD	<LLD	<LLD				
8/20/2020										
8/30/2020										
10/5/2020										
10/14/2020	<LLD		<LLD						<LLD	
10/15/2020										<LLD
10/20/2020		<LLD					<LLD	<LLD		
10/27/2020				<LLD	<LLD	<LLD				
11/9/2020										

2020 GPI Sample Data

Sample Date	W-11	W-12	W-13	W-14	W-15	W-20	W-21	OW-2	MW-28	MW-29
1/7/2020										
1/14/2020								<LLD		
1/16/2020	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD			
1/22/2020									1.14E-06	<LLD
1/23/2020										
1/28/2020										
2/19/2020									<LLD	<LLD
2/20/2020										
3/3/2020									<LLD	<LLD
4/7/2020					<LLD					
4/14/2020	<LLD	<LLD	<LLD	<LLD		<LLD	<LLD			
4/16/2020									<LLD	<LLD
4/22/2020										
6/24/2020									<LLD	<LLD
6/25/2020										
6/29/2020										
7/6/2020										
7/14/2020	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD			
7/15/2020										
8/20/2020										
8/30/2020									<LLD	<LLD*
10/5/2020										
10/14/2020										
10/15/2020	<LLD	<LLD					<LLD			
10/20/2020			<LLD	<LLD	<LLD	<LLD				
10/27/2020										
11/9/2020									<LLD	<LLD

(Note: A "*" symbol following a sample result denotes a gamma count was performed. Any gamma results above LLD will be additionally flagged and documented in the analysis section.)

2020 GPI Sample Data

Sample Date	MW-22S	MW-22M	MW-22D	MW-24S	MW-24M	MW-24D	MW-25S	MW-25M	MW-25D
1/7/2020									
1/14/2020									
1/16/2020									
1/22/2020									
1/23/2020									
1/28/2020									
2/19/2020							<LLD	<LLD	<LLD
2/20/2020	<LLD*	<LLD	<LLD	<LLD	<LLD	<LLD			
3/3/2020									
4/7/2020									
4/14/2020									
4/16/2020									
4/22/2020									
6/24/2020									
6/25/2020							<LLD	<LLD*	<LLD
6/29/2020	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD			
7/6/2020									
7/14/2020									
7/15/2020									
8/20/2020							<LLD	<LLD	<LLD
8/30/2020	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD			
10/5/2020									
10/14/2020									
10/15/2020									
10/20/2020									
10/27/2020									
11/9/2020									

(Note: Wells MW-22 through MW- 27 are multi-port wells installed in the Fall of 2009, with three sample points placed at different depths. S= Shallow M= Middle D= Deep.)
(Note: A "*" symbol following a sample result denotes a gamma count was performed. Any gamma results above LLD will be additionally flagged and documented in the analysis section.)

2020 GPI Sample Data

Sample Date	MW-26S	MW-26M	MW-26D	MW-27S	MW-27-M	MW-27D	SG-1	SG-2	SG-4	SG-5
1/7/2020										
1/14/2020										
1/16/2020										
1/22/2020										
1/23/2020										
1/28/2020							<LLD	<LLD	<LLD	<LLD
2/19/2020	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD				
2/20/2020										
3/3/2020										
4/7/2020										
4/14/2020										
4/16/2020										
4/22/2020							<LLD	<LLD	<LLD	<LLD
6/24/2020										
6/25/2020	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD				
6/29/2020										
7/6/2020										
7/14/2020										
7/15/2020							<LLD	<LLD	<LLD	<LLD
8/20/2020	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD				
8/30/2020										
10/5/2020										
10/14/2020										
10/15/2020										
10/20/2020							<LLD	<LLD	<LLD	<LLD
10/27/2020										
11/9/2020										

(Note: Wells MW-22 through MW- 27 are multi-port wells installed in the Fall of 2009, with three sample points placed at different depths. S= Shallow M= Middle D= Deep.)