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Cook Nuclear Plant
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Bridgman, MI 49106
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May 8, 2017

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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, 2016, through December 31, 2016.

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
Manager, Regulatory Affairs

DB/mll

Enclosure: Annual Radiological Environmental Operating Report

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IE25
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Enclosure to AEP-NRC-2017-24

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, 2016 – December 31, 2016

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

AREVA Doc. 103-3576-000

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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 2016, 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 an 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), three samples contained Thorium-228 (Th-228), and two samples contained Actinium-228 (Ac-228).
- K-40 was detected in all eight REMP fish samples and trace levels of Cesium-137 C(s-137) were observed in three indicator and four control station samples. Of the three non-REMP sport fish samples, all detected K-40 and two detected trace levels of Cs-137.
- Both indicator and control food products samples (grapes) contained K-40 and Beryllium-7 (Be-7). One indicator food sample contained trace levels of Cs-137.

All samples of broadleaf vegetation contained K-40 and Be-7. Additionally, three of twenty-four indicator samples contained low levels of Cs-137.

- Five of 144 water samples (drinking, ground, and surface) indicated the presence of K-40. Three samples also detected the presence of Th-228. Tritium was not detected in any of the 84 water samples.
- The quarterly composite of the air particulate samples all contained Be-7.

No sample analysis results exceeded or approached specified reporting levels.

This report was prepared for Indiana Michigan Power Company by AREVA Inc. 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 one mile north of Bridgman, Michigan. The site consists of two pressurized water reactors: Unit 1, 1084 MWe (Net Design Electrical Rating) and Unit 2, 1107 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 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 2016. 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 twice this year from four locations using gill nets 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 and continued through 2016. The same analysis is performed for the sport fish samples as that performed for the original REMP fish samples.

2.5.8 Food Product

Three food product samples (grapes) were collected annually 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 2016 during the growing season (June – October, when available). Three samples consisting of greater than 300 grams of media were collected 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. Samples were 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 2016, additional groundwater samples not required by the ODCM were collected for informational purposes. These samples were collected at several onsite locations in 2016 and analyzed for gamma, tritium, gross beta and gross alpha, by GEL laboratories.

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

During 2016, additional groundwater samples not required by the ODCM were collected for informational purposes. These samples were collected at several onsite locations in 2016 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. 25, Attachment 3.19 and
12-THP-6010-RPP-636 Rev. 5

	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

Table 2.2

2016 Radiological Environmental Monitoring Program
Sampling Types and Locations

Exposure Pathway (Sample Type Designation)	Sample Station	Indicator/ Control	Location Description
Airborne			
a. 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			
a. 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
b. Drinking (WD)	STJ	C	9 miles NE - St. Joseph Public Intake Station
	LTW	I	0.6 mile S - Lake Twp. Public Intake Station

Exposure Pathway (Sample Type Designation)	Sample Station	Indicator/ Control	Location Description
c. Surface (WS)	SWL-2	I	~500 feet S of Plant Centerline – Site Boundary
	SWL-3	I	~500 feet N of Plant Centerline - Site Boundary
d. 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			
a. Milk (TM)	None	I	None available
	None	I	None available
	None	I	None available
	None	C	None available
b. Fish (FH)	ONS-N	I	0.3 mile N, Lake Michigan
	ONS-S	I	0.4 mile S, Lake Michigan
	TRT/SLM*	I	Trout and salmon within 20 miles of CNP, Lake Michigan
	PRCH*	I	Perch within 10 miles of CNP, Lake Michigan
	OFS-N	C	3.5 miles N, Lake Michigan
	OFS-S	C	5.0 miles S, Lake Michigan
c. Food Products (TF) **	ONS-G	I	Nearest samples to Plant in the highest D/Q land sector containing grapes.
	OFS-G	C	In a land sector containing grapes, ~20 miles from the Plant, in one of the less prevalent D/Q land Sectors
d. 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	
	ONS3-V	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	

* Samples not listed in ODCM Attachment 3.19

** See Figures 2.1, 2.2, and 2.3 for exact locations for 2016

Table 2.2
2016 Radiological Environmental Monitoring Program
Sampling Types and Locations
(Continued)

Exposure Pathway (Sample Type Designation)	Sample Station	Location Description
Direct Radiation		
a. 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. 25, 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. 25, 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)

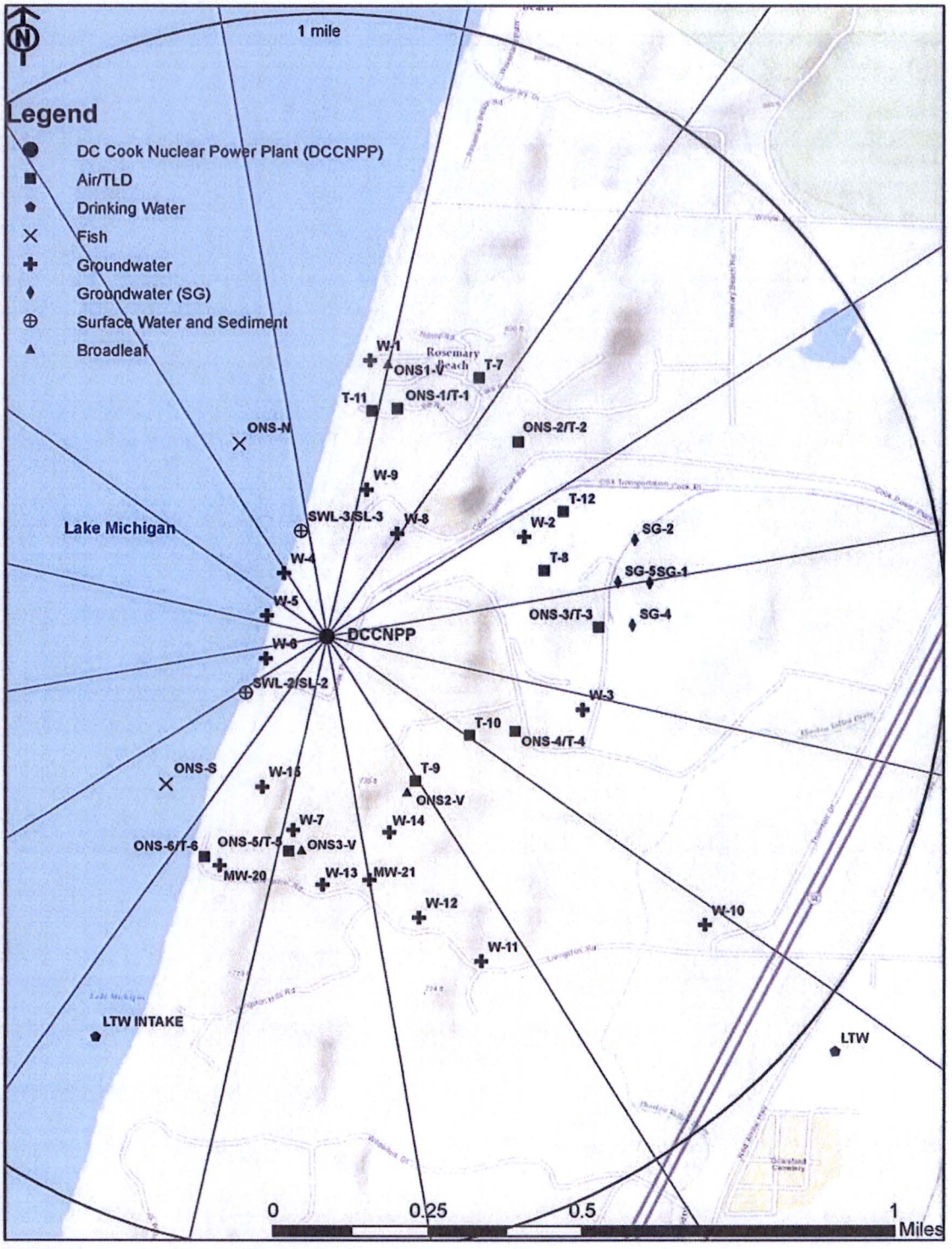


Figure 2.2

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

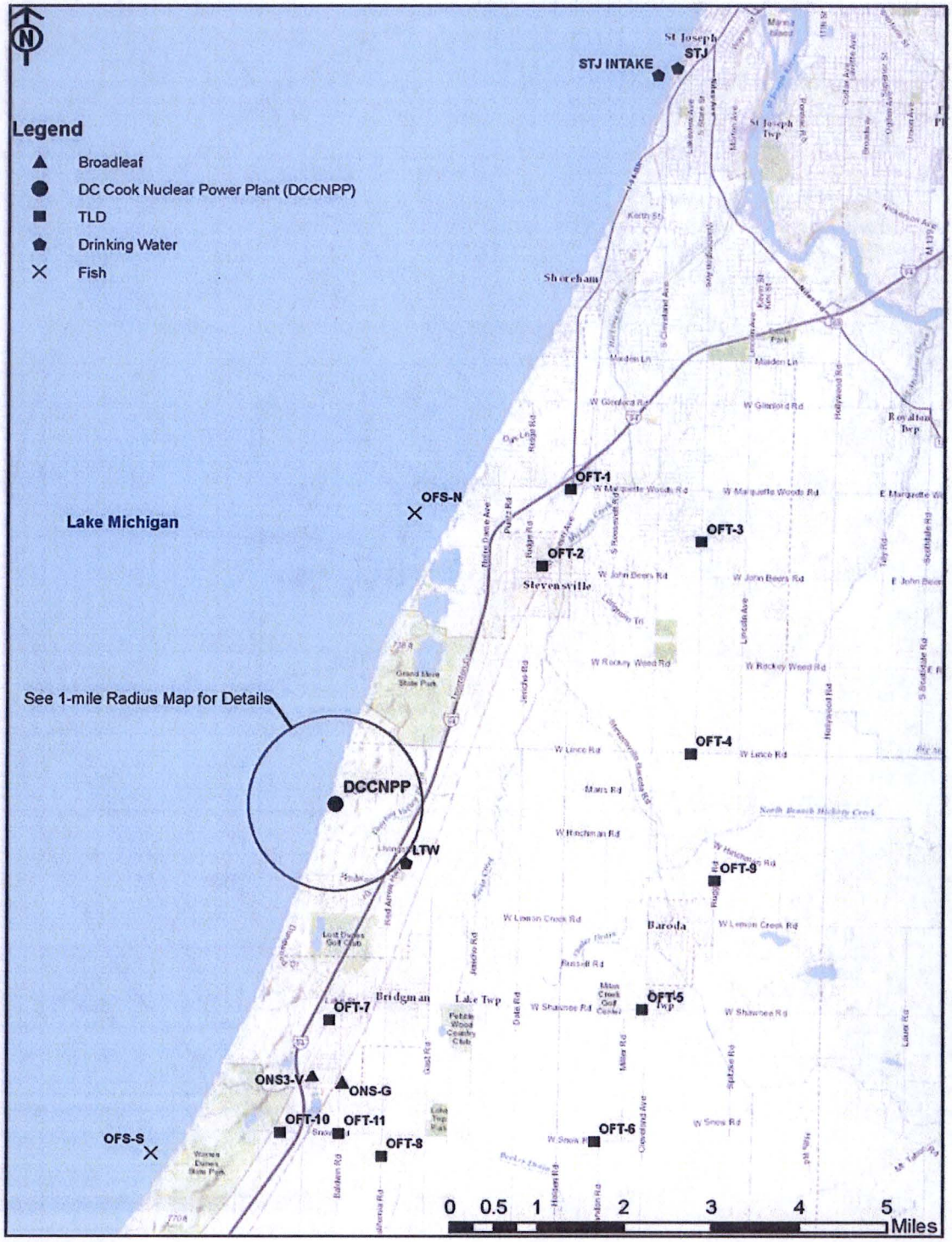
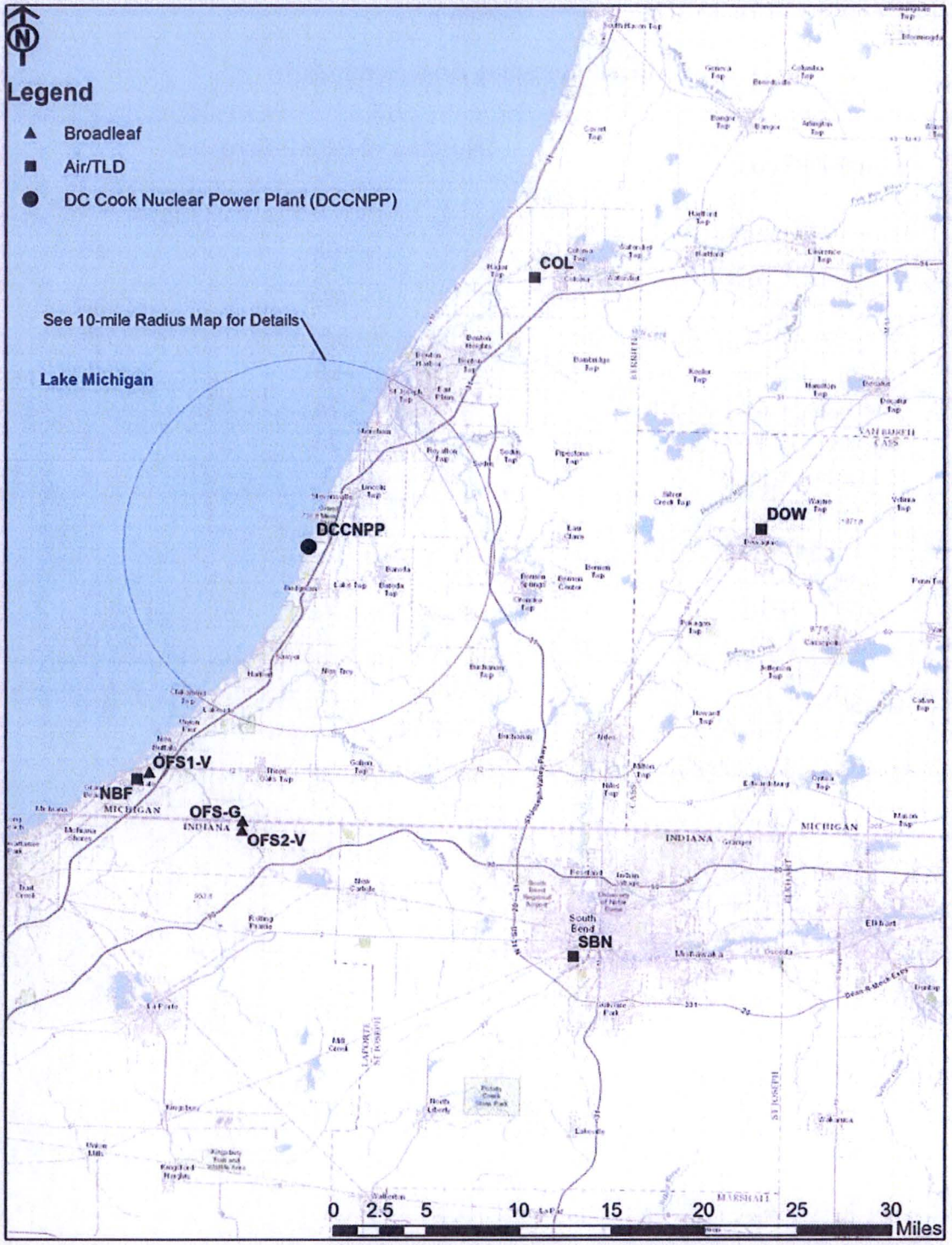


Figure 2.3

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



2.6 Samples Analyzed During 2016

Table 2.5 below summarizes the number of samples of each type analyzed during the 2016 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 2016

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	68	68	0
Surface Water	24	24	0
Drinking Water	52	26	26
Sediment (Lake)	4	4	0
Food Products (grapes)	3	2	1
Vegetation (broadleaf)	28	24	4
Milk*	0	0	0
Fish	8	4	4
Total All Types	1,333	866	467

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

3.0 RADIOLOGICAL DATA SUMMARY TABLES

This section summarizes the analytical results of the environmental samples that were collected during 2016. 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 2016, 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 2016, 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
Tritium	H-3
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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations: Mean *** Range No. Detected**	Station With Highest Mean: Station	Station With Highest Mean: Mean *** Range No. Detected**	Control Stations: Mean *** Range No. Detected**
BETA	(519)	0.01	2.4E -2	ONS-5	2.5E -2	2.4E -2
	(0)		(1.2 - 4.6)E -2 (311/ 311)		(1.2 - 4.4)E -2 (52/ 52)	(1.2 - 4.6)E -2 (208/ 208)
Be-7	(40)		1.3E -1	DOW	1.4E -1	1.3E -1
	(0)		(9.6 - 18.1)E -2 (24/ 24)		(9.5 - 17.7)E -2 (4/ 4)	(9.4 - 18.1)E -2 (16/ 16)
K-40	(40)		1.0E -3	ONS-5	2.4E -3	8.6E -4
	(0)		(-3.5 - 6.8)E -3 (0/ 24)		(-6.6 - 45.7)E -4 (0/ 4)	(-2.8 - 6.9)E -3 (0/ 16)
Cr-51	(40)		-8.3E -4	COL	6.0E -3	-9.1E -4
	(0)		(-1.3 - 1.2)E -2 (0/ 24)		(1.5 - 173.0)E -4 (0/ 4)	(-1.4 - 1.7)E -2 (0/ 16)
Mn-54	(40)		1.2E -5	COL	1.1E -4	5.9E -5
	(0)		(-2.7 - 1.7)E -4 (0/ 24)		(-2.6 - 25.3)E -5 (0/ 4)	(-3.1 - 3.3)E -4 (0/ 16)
Co-57	(40)		0.0E 0	DOW	5.2E -5	1.4E -5
	(0)		(-1.1 - 1.8)E -4 (0/ 24)		(-2.7 - 14.2)E -5 (0/ 4)	(-1.4 - 1.5)E -4 (0/ 16)
Co-58	(40)		-6.2E -5	ONS-5	4.9E -5	-1.2E -4
	(0)		(-4.7 - 4.2)E -4 (0/ 24)		(-2.1 - 4.2)E -4 (0/ 4)	(-5.4 - 2.3)E -4 (0/ 16)
Fe-59	(40)		1.6E -5	NBF	7.3E -4	-1.3E -4
	(0)		(-1.6 - 1.4)E -3 (0/ 24)		(1.8 - 12.4)E -4 (0/ 4)	(-2.2 - 1.2)E -3 (0/ 16)
Co-60	(40)		1.1E -5	COL	1.7E -4	7.3E -5
	(0)		(-2.4 - 2.1)E -4 (0/ 24)		(-1.3 - 8.6)E -4 (0/ 4)	(-1.7 - 8.6)E -4 (0/ 16)
Zn-65	(40)		-1.2E -4	ONS-5	1.3E -4	-4.4E -5
	(0)		(-1.1 - 0.5)E -3 (0/ 24)		(-1.2 - 4.9)E -4 (0/ 4)	(-7.0 - 7.4)E -4 (0/ 16)
Se-75	(40)		2.6E -5	SBN	2.3E -4	1.1E -4
	(0)		(-4.6 - 3.4)E -4 (0/ 24)		(3.2 - 41.5)E -5 (0/ 4)	(-3.2 - 4.2)E -4 (0/ 16)
Nb-95	(40)		4.7E -5	ONS-2	2.2E -4	0.0E 0
	(0)		(-8.3 - 5.8)E -4 (0/ 24)		(9.1 - 39.7)E -5 (0/ 4)	(-4.0 - 4.0)E -4 (0/ 16)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Zr-95	(40)		5.2E -5	ONS-3	5.4E -4	-3.8E -5
	(0)		(-7.9 - 16.9)E -4 (0/ 24)		(-2.4 - 16.9)E -4 (0/ 4)	(-6.9 - 8.4)E -4 (0/ 16)
Ru-103	(40)		-1.4E -4	SBN	3.1E -4	1.2E -4
	(0)		(-1.6 - 0.6)E -3 (0/ 24)		(-5.4 - 104.0)E -5 (0/ 4)	(-6.0 - 10.4)E -4 (0/ 16)
Ru-106	(40)		-3.3E -4	NBF	1.0E -3	1.3E -4
	(0)		(-1.7 - 2.4)E -3 (0/ 24)		(-1.1 - 3.1)E -3 (0/ 4)	(-3.0 - 3.1)E -3 (0/ 16)
Ag-108m	(40)		1.2E -5	ONS-3	6.4E -5	-5.2E -5
	(0)		(-1.6 - 2.9)E -4 (0/ 24)		(2.2 - 15.2)E -5 (0/ 4)	(-2.8 - 1.2)E -4 (0/ 16)
Ag-110m	(40)		-6.2E -5	ONS-3	8.5E -5	-5.8E -5
	(0)		(-4.1 - 6.1)E -4 (0/ 24)		(-1.6 - 6.1)E -4 (0/ 4)	(-5.0 - 3.2)E -4 (0/ 16)
Sb-124	(40)		-1.7E -4	SBN	2.2E -4	-3.4E -5
	(0)		(-1.4 - 0.8)E -3 (0/ 24)		(-3.3 - 5.4)E -4 (0/ 4)	(-1.5 - 0.6)E -3 (0/ 16)
Sb-125	(40)		2.4E -5	ONS-3	1.5E -4	4.0E -5
	(0)		(-5.5 - 6.1)E -4 (0/ 24)		(-1.3 - 27.8)E -5 (0/ 4)	(-3.7 - 5.5)E -4 (0/ 16)
I-131	(40)		-2.1E -2	SBN	3.9E -1	1.3E -1
	(0)		(-8.7 - 3.1)E -1 (0/ 24)		(-1.6 - 156.0)E -2 (0/ 4)	(-5.6 - 15.6)E -1 (0/ 16)
Cs-134	(40)	0.06	-1.2E -5	ONS-1	1.2E -4	0.0E 0
	(0)		(-3.5 - 3.1)E -4 (0/ 24)		(-1.3 - 31.2)E -5 (0/ 4)	(-4.7 - 2.3)E -4 (0/ 16)
Cs-137	(40)	0.06	2.0E -5	SBN	1.3E -4	-2.1E -5
	(0)		(-1.8 - 2.5)E -4 (0/ 24)		(-4.5 - 41.7)E -5 (0/ 4)	(-5.3 - 4.2)E -4 (0/ 16)
Ba-140	(40)		3.8E -3	ONS-3	1.6E -2	2.6E -3
	(0)		(-5.1 - 10.3)E -2 (0/ 24)		(1.9 - 51.8)E -3 (0/ 4)	(-1.2 - 0.7)E -1 (0/ 16)
La-140	(40)		-3.7E -3	ONS-5	1.0E -2	-1.5E -3
	(0)		(-3.8 - 3.9)E -2 (0/ 24)		(-6.9 - 28.2)E -3 (0/ 4)	(-3.5 - 3.5)E -2 (0/ 16)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ce-141	(40)		-1.3E -4	SBN	6.8E -4	1.2E -4
	(0)		(-1.6 - 1.1)E -3 (0/ 24)		(-6.4 - 27.1)E -4 (0/ 4)	(-1.1 - 2.7)E -3 (0/ 16)
Ce-144	(40)		-7.4E -5	SBN	8.1E -4	9.2E -5
	(0)		(-1.6 - 1.0)E -3 (0/ 24)		(5.0 - 16.1)E -4 (0/ 4)	(-1.1 - 1.6)E -3 (0/ 16)
Ac-228	(40)		-3.0E -5	ONS-1	3.2E -4	-1.2E -5
	(0)		(-1.0 - 1.7)E -3 (0/ 24)		(-1.5 - 8.1)E -4 (0/ 4)	(-5.0 - 5.8)E -4 (0/ 16)
Th-228	(40)		1.2E -4	COL	3.3E -4	2.2E -4
	(0)		(-4.1 - 4.4)E -4 (0/ 24)		(1.2 - 7.2)E -4 (0/ 4)	(-1.2 - 8.3)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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
I-131	(519)	0.07	5.9E -4	ONS-2	1.5E -3	1.5E -4
	(0)		(-1.7 - 1.7)E -2		(-1.3 - 1.4)E -2	(-1.6 - 1.4)E -2
			(0/ 311)		(0/ 52)	(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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Be-7	(8)		-9.1E 0	ONS-N	2.1E 0	-2.2E 1
	(0)		(-3.5 - 0.4)E 1 (0/ 4)		(-2.9 - 43.9)E -1 (0/ 2)	(-3.1 - -0.6)E 1 (0/ 4)
K-40	(8)		2.9E 3	OFS-N	3.5E 3	3.2E 3
	(0)		(2.1 - 3.3)E 3 (4/ 4)		(3.1 - 3.9)E 3 (2/ 2)	(2.8 - 3.9)E 3 (4/ 4)
Cr-51	(8)		1.6E 0	ONS-S	2.8E 0	-5.2E 0
	(0)		(-1.0 - 1.1)E 1 (0/ 4)		(-1.8 - 7.5)E 0 (0/ 2)	(-2.0 - 0.1)E 1 (0/ 4)
Mn-54	(8)	130	-7.7E -1	OFS-S	5.4E -1	-5.0E -1
	(0)		(-3.1 - 1.7)E 0 (0/ 4)		(3.7 - 7.1)E -1 (0/ 2)	(-2.2 - 0.7)E 0 (0/ 4)
Co-57	(8)		7.8E -3	OFS-S	1.9E 0	8.3E -1
	(0)		(-9.3 - 13.9)E -1 (0/ 4)		(4.0 - 33.0)E -1 (0/ 2)	(-4.8 - 33.0)E -1 (0/ 4)
Co-58	(8)	130	-1.5E -1	OFS-N	1.2E 0	3.1E -1
	(0)		(-2.2 - 1.9)E 0 (0/ 4)		(-5.9 - 30.1)E -1 (0/ 2)	(-2.7 - 3.0)E 0 (0/ 4)
Fe-59	(8)	260	1.5E 0	ONS-S	3.0E 0	-2.6E 0
	(0)		(-8.8 - 68.1)E -1 (0/ 4)		(-8.6 - 68.1)E -1 (0/ 2)	(-8.2 - 0.1)E 0 (0/ 4)
Co-60	(8)	130	6.3E -1	ONS-S	1.1E 0	4.2E -1
	(0)		(-7.0 - 11.3)E -1 (0/ 4)		(9.9 - 11.3)E -1 (0/ 2)	(-3.1 - 3.0)E 0 (0/ 4)
Zn-65	(8)	260	-1.4E 0	OFS-S	4.8E 0	2.4E -1
	(0)		(-3.6 - 0.1)E 0 (0/ 4)		(4.1 - 5.6)E 0 (0/ 2)	(-6.7 - 5.6)E 0 (0/ 4)
Se-75	(8)		-7.9E -1	ONS-N	-4.9E -1	-7.8E -1
	(0)		(-3.3 - 1.1)E 0 (0/ 4)		(-1.9 - 1.0)E 0 (0/ 2)	(-4.0 - 2.8)E 0 (0/ 4)
Nb-95	(8)		-3.3E -1	OFS-N	2.0E 0	1.4E 0
	(0)		(-2.4 - 1.2)E 0 (0/ 4)		(1.7 - 2.3)E 0 (0/ 2)	(-1.6 - 3.1)E 0 (0/ 4)
Zr-95	(8)		-8.8E -1	OFS-N	3.2E 0	7.1E -1
	(0)		(-4.5 - 2.5)E 0 (0/ 4)		(1.1 - 62.7)E -1 (0/ 2)	(-3.1 - 6.3)E 0 (0/ 4)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ru-103	(8)		-8.8E -1	OFS-N	1.3E 0	7.5E -1
	(0)		(-2.0 - 0.7)E 0 (0/ 4)		(6.8 - 19.6)E -1 (0/ 2)	(-1.3 - 2.0)E 0 (0/ 4)
Ru-106	(8)		-4.5E 0	ONS-N	-2.2E 0	-1.2E 1
	(0)		(-8.6 - -0.3)E 0 (0/ 4)		(-4.0 - -0.3)E 0 (0/ 2)	(-3.7 - 0.5)E 1 (0/ 4)
Ag-108m	(8)		-8.0E -1	OFS-S	-1.2E -1	-3.0E -1
	(0)		(-1.7 - -0.2)E 0 (0/ 4)		(-2.5 - 0.1)E -1 (0/ 2)	(-1.3 - 0.3)E 0 (0/ 4)
Ag-110m	(8)		-1.9E 0	OFS-N	6.5E 0	3.1E 0
	(0)		(-7.7 - 3.5)E 0 (0/ 4)		(-3.0 - 15.9)E 0 (0/ 2)	(-3.0 - 15.9)E 0 (0/ 4)
Sb-124	(8)		-7.4E -2	ONS-N	1.6E 0	-3.3E -1
	(0)		(-2.7 - 3.2)E 0 (0/ 4)		(-8.8 - 31800.0)E -4 (0/ 2)	(-2.2 - 0.5)E 0 (0/ 4)
Sb-125	(8)		-3.5E 0	OFS-S	-2.0E 0	-2.1E 0
	(0)		(-8.5 - 1.3)E 0 (0/ 4)		(-2.5 - -1.5)E 0 (0/ 2)	(-3.0 - -1.3)E 0 (0/ 4)
I-131	(8)		-2.0E 0	OFS-N	2.4E 0	1.2E -1
	(0)		(-4.6 - -0.2)E 0 (0/ 4)		(2.2 - 2.6)E 0 (0/ 2)	(-6.4 - 2.6)E 0 (0/ 4)
Cs-134	(8)	130	9.6E -1	OFS-S	2.0E 0	6.7E -1
	(0)		(-5.7 - 25.4)E -1 (0/ 4)		(-4.4 - 44.6)E -1 (0/ 2)	(-1.4 - 4.5)E 0 (0/ 4)
Cs-137	(8)	150	1.2E 1	OFS-N	2.1E 1	1.9E 1
	(0)		(-7.2 - 299.0)E -1 (3/ 4)		(1.1 - 3.0)E 1 (2/ 2)	(1.1 - 3.0)E 1 (4/ 4)
Ba-140	(8)		-3.1E 0	ONS-N	-8.5E -1	-2.4E 0
	(0)		(-1.2 - 0.6)E 1 (0/ 4)		(-7.7 - 6.1)E 0 (0/ 2)	(-5.6 - 2.7)E 0 (0/ 4)
La-140	(8)		-1.6E 0	OFS-N	1.0E 0	-8.6E -1
	(0)		(-4.8 - 0.7)E 0 (0/ 4)		(-2.3 - 22.2)E -1 (0/ 2)	(-4.1 - 2.2)E 0 (0/ 4)
Ce-141	(8)		6.2E -1	OFS-S	1.2E 0	-1.2E 0
	(0)		(-3.3 - 4.7)E 0 (0/ 4)		(8.5 - 15.8)E -1 (0/ 2)	(-5.9 - 1.6)E 0 (0/ 4)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

MEDIUM: Fish (FH) UNITS: pCi/kg

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ce-144	(8)		1.3E 1	ONS-S	1.6E 1	-6.8E 0
	(0)		(1.3 - 23.4)E 0 (0/ 4)		(8.7 - 23.4)E 0 (0/ 2)	(-2.0 - 1.2)E 1 (0/ 4)
Ac-228	(8)		-5.6E 0	OFS-S	7.3E 0	-5.5E 0
	(0)		(-7.2 - -4.6)E 0 (0/ 4)		(9.1 - 136.0)E -1 (0/ 2)	(-2.4 - 1.4)E 1 (0/ 4)
Th-228	(8)		-1.8E 0	OFS-N	6.7E 0	6.1E 0
	(0)		(-9.3 - 5.4)E 0 (0/ 4)		(5.5 - 8.0)E 0 (0/ 2)	(1.7 - 9.2)E 0 (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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Be-7	(4)		-2.7E 1	SL-2	-5.5E 0	NO DATA
	(0)		(-6.7 - 3.4)E 1 (0/ 4)		(-4.5 - 3.4)E 1 (0/ 2)	
K-40	(4)		5.8E 3	SL-3	5.9E 3	NO DATA
	(0)		(5.4 - 6.5)E 3 (4/ 4)		(5.4 - 6.5)E 3 (2/ 2)	
Cr-51	(4)		8.3E 1	SL-2	2.7E 2	NO DATA
	(0)		(-1.4 - 6.8)E 2 (0/ 4)		(-1.4 - 6.8)E 2 (0/ 2)	
Mn-54	(4)		1.1E 0	SL-2	4.5E 0	NO DATA
	(0)		(-2.6 - 9.2)E 0 (0/ 4)		(-1.5 - 91.9)E -1 (0/ 2)	
Co-57	(4)		-7.3E -1	SL-2	6.1E -1	NO DATA
	(0)		(-3.3 - 2.3)E 0 (0/ 4)		(-1.1 - 2.3)E 0 (0/ 2)	
Co-58	(4)		-4.6E 0	SL-3	8.2E -2	NO DATA
	(0)		(-1.2 - 0.0)E 1 (0/ 4)		(-3.9 - 20.3)E -2 (0/ 2)	
Fe-59	(4)		3.6E 0	SL-2	2.5E 1	NO DATA
	(0)		(-3.9 - 2.8)E 1 (0/ 4)		(2.3 - 2.8)E 1 (0/ 2)	
Co-60	(4)		1.2E -1	SL-2	5.8E 0	NO DATA
	(0)		(-7.7 - 7.1)E 0 (0/ 4)		(4.6 - 7.1)E 0 (0/ 2)	
Zn-65	(4)		-4.5E -1	SL-3	7.4E 0	NO DATA
	(0)		(-1.2 - 1.3)E 1 (0/ 4)		(1.7 - 13.2)E 0 (0/ 2)	
Se-75	(4)		2.8E 0	SL-3	6.0E 0	NO DATA
	(0)		(-2.7 - 6.2)E 0 (0/ 4)		(5.9 - 6.2)E 0 (0/ 2)	
Nb-95	(4)		2.7E 0	SL-2	2.8E 0	NO DATA
	(0)		(-4.8 - 9.9)E 0 (0/ 4)		(0.0 - 5.6)E 0 (0/ 2)	
Zr-95	(4)		-3.4E -1	SL-3	6.9E 0	NO DATA
	(0)		(-1.4 - 1.8)E 1 (0/ 4)		(-4.6 - 18.4)E 0 (0/ 2)	

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ru-103	(4)		-2.8E 0	SL-2	1.7E 0	NO DATA
	(0)		(-1.2 - 0.4)E 1 (0/ 4)		(-3.4 - 37.8)E -1 (0/ 2)	
Ru-106	(4)		7.7E 0	SL-3	9.6E 0	NO DATA
	(0)		(-1.8 - 2.9)E 1 (0/ 4)		(-6.1 - 25.3)E 0 (0/ 2)	
Ag-108m	(4)		-9.2E -1	SL-3	5.0E 0	NO DATA
	(0)		(-1.1 - 0.5)E 1 (0/ 4)		(4.9 - 5.1)E 0 (0/ 2)	
Ag-110m	(4)		5.7E 0	SL-2	2.4E 1	NO DATA
	(0)		(-2.1 - 5.9)E 1 (0/ 4)		(-1.2 - 5.9)E 1 (0/ 2)	
Sb-124	(4)		1.8E 1	SL-2	2.6E 1	NO DATA
	(0)		(8.4 - 36.5)E 0 (0/ 4)		(1.6 - 3.7)E 1 (0/ 2)	
Sb-125	(4)		-6.3E 0	SL-2	-6.2E 0	NO DATA
	(0)		(-1.1 - -0.2)E 1 (0/ 4)		(-8.0 - -4.5)E 0 (0/ 2)	
I-131	(4)		2.1E 1	SL-2	3.5E 1	NO DATA
	(0)		(-6.1 - 13.1)E 1 (0/ 4)		(-6.1 - 13.1)E 1 (0/ 2)	
Cs-134	(4)	150	1.4E 1	SL-2	1.8E 1	NO DATA
	(0)		(-4.0 - 22.6)E 0 (0/ 4)		(1.7 - 1.9)E 1 (0/ 2)	
Cs-137	(4)	180	5.8E 0	SL-2	6.8E 0	NO DATA
	(0)		(-2.8 - 16.5)E 0 (0/ 4)		(-2.8 - 16.5)E 0 (0/ 2)	
Ba-140	(4)		-5.3E 1	SL-2	-5.3E 1	NO DATA
	(0)		(-8.8 - -1.9)E 1 (0/ 4)		(-8.6 - -1.9)E 1 (0/ 2)	
La-140	(4)		5.8E 0	SL-3	3.0E 1	NO DATA
	(0)		(-4.6 - 3.4)E 1 (0/ 4)		(2.6 - 3.4)E 1 (0/ 2)	
Ce-141	(4)		2.2E 0	SL-2	1.2E 1	NO DATA
	(0)		(-1.4 - 3.6)E 1 (0/ 4)		(-1.2 - 3.6)E 1 (0/ 2)	

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ce-144	(4)		-1.8E 1	SL-3	1.8E 1	NO DATA
	(0)		(-7.7 - 2.7)E 1 (0/ 4)		(8.5 - 27.3)E 0 (0/ 2)	
Ac-228	(4)		2.2E 2	SL-3	2.4E 2	NO DATA
	(0)		(1.5 - 3.3)E 2 (2/ 4)		(1.5 - 3.3)E 2 (2/ 2)	
Th-228	(4)		1.5E 2	SL-3	1.8E 2	NO DATA
	(0)		(7.8 - 26.4)E 1 (3/ 4)		(9.8 - 26.4)E 1 (1/ 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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Be-7	(3)		1.9E 2	ONS-G	1.9E 2	7.5E 1
	(0)		(1.8 - 1.9)E 2 (2/ 2)		(1.8 - 1.9)E 2 (2/ 2)	(1/ 1)
K-40	(3)		3.3E 3	OFS-G	4.5E 3	4.5E 3
	(0)		(2.2 - 4.5)E 3 (2/ 2)		(1/ 1)	(1/ 1)
Cr-51	(3)		-1.3E 1	ONS-G	-1.3E 1	-2.2E 1
	(0)		(-1.8 - -0.8)E 1 (0/ 2)		(-1.8 - -0.8)E 1 (0/ 2)	(0/ 1)
Mn-54	(3)		-2.4E 0	OFS-G	8.5E -1	8.5E -1
	(0)		(-3.1 - -1.8)E 0 (0/ 2)		(0/ 1)	(0/ 1)
Co-57	(3)		2.0E 0	ONS-G	2.0E 0	1.1E 0
	(0)		(1.5 - 2.6)E 0 (0/ 2)		(1.5 - 2.6)E 0 (0/ 2)	(0/ 1)
Co-58	(3)		-8.1E -1	OFS-G	1.8E 0	1.8E 0
	(0)		(-2.3 - 0.7)E 0 (0/ 2)		(0/ 1)	(0/ 1)
Fe-59	(3)		-2.8E 0	OFS-G	-2.5E 0	-2.5E 0
	(0)		(-7.0 - 1.4)E 0 (0/ 2)		(0/ 1)	(0/ 1)
Co-60	(3)		-1.6E -1	OFS-G	4.4E -1	4.4E -1
	(0)		(-1.8 - 1.5)E 0 (0/ 2)		(0/ 1)	(0/ 1)
Zn-65	(3)		1.5E 0	OFS-G	2.4E 0	2.4E 0
	(0)		(-2.6 - 5.5)E 0 (0/ 2)		(0/ 1)	(0/ 1)
Se-75	(3)		6.8E -1	OFS-G	5.1E 0	5.1E 0
	(0)		(-2.7 - 4.1)E 0 (0/ 2)		(0/ 1)	(0/ 1)
Nb-95	(3)		8.0E -1	ONS-G	8.0E -1	1.4E -1
	(0)		(3.4 - 12.7)E -1 (0/ 2)		(3.4 - 12.7)E -1 (0/ 2)	(0/ 1)
Zr-95	(3)		-2.2E 0	OFS-G	-4.1E -1	-4.1E -1
	(0)		(-3.0 - -1.3)E 0 (0/ 2)		(0/ 1)	(0/ 1)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ru-103	(3)		1.4E 0	ONS-G	1.4E 0	-1.4E 0
	(0)		(6.1 - 21.2)E -1		(6.1 - 21.2)E -1	
			(0/ 2)		(0/ 2)	(0/ 1)
Ru-106	(3)		9.0E 0	ONS-G	9.0E 0	-1.0E 1
	(0)		(-1.4 - 3.2)E 1		(-1.4 - 3.2)E 1	
			(0/ 2)		(0/ 2)	(0/ 1)
Ag-108m	(3)		-4.3E -2	ONS-G	-4.3E -2	-2.7E -1
	(0)		(-6.9 - 6.0)E -1		(-6.9 - 6.0)E -1	
			(0/ 2)		(0/ 2)	(0/ 1)
Ag-110m	(3)		2.8E 0	ONS-G	2.8E 0	-6.9E -1
	(0)		(-1.4 - 6.9)E 0		(-1.4 - 6.9)E 0	
			(0/ 2)		(0/ 2)	(0/ 1)
Sb-124	(3)		-1.4E 0	OFS-G	-6.7E -1	-6.7E -1
	(0)		(-3.5 - 0.7)E 0			
			(0/ 2)		(0/ 1)	(0/ 1)
Sb-125	(3)		-6.7E 0	OFS-G	7.3E -1	7.3E -1
	(0)		(-1.3 - 0.0)E 1			
			(0/ 2)		(0/ 1)	(0/ 1)
I-131	(3)	60	1.6E 0	ONS-G	1.6E 0	1.6E 0
	(0)		(-1.5 - 33.7)E -1		(-1.5 - 33.7)E -1	
			(0/ 2)		(0/ 2)	(0/ 1)
Cs-134	(3)	60	-1.8E 0	OFS-G	7.1E -1	7.1E -1
	(0)		(-3.5 - -0.2)E 0			
			(0/ 2)		(0/ 1)	(0/ 1)
Cs-137	(3)	60	3.1E 1	ONS-G	3.1E 1	-3.9E -1
	(0)		(1.6 - 60.2)E 0		(1.6 - 60.2)E 0	
			(1/ 2)		(1/ 2)	(0/ 1)
Ba-140	(3)		-1.5E 0	ONS-G	-1.5E 0	-2.7E 0
	(0)		(-1.3 - 1.0)E 1		(-1.3 - 1.0)E 1	
			(0/ 2)		(0/ 2)	(0/ 1)
La-140	(3)		-2.1E 0	OFS-G	1.4E 0	1.4E 0
	(0)		(-5.7 - 1.5)E 0			
			(0/ 2)		(0/ 1)	(0/ 1)
Ce-141	(3)		-1.0E -1	ONS-G	-1.0E -1	-2.9E 0
	(0)		(-6.5 - 4.5)E -1		(-6.5 - 4.5)E -1	
			(0/ 2)		(0/ 2)	(0/ 1)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ce-144	(3)		-5.7E 0	OFS-G	2.8E -2	2.8E -2
	(0)		(-9.0 - -2.4)E 0			
			(0/ 2)		(0/ 1)	(0/ 1)
Ac-228	(3)		-3.4E 1	OFS-G	-2.4E 0	-2.4E 0
	(0)		(-4.7 - -2.1)E 1			
			(0/ 2)		(0/ 1)	(0/ 1)
Th-228	(3)		-2.7E 0	OFS-G	-2.2E 0	-2.2E 0
	(0)		(-6.7 - 1.3)E 0			
			(0/ 2)		(0/ 1)	(0/ 1)

* 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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Be-7	(28)		1.6E 3	ONS2-V	2.0E 3	1.1E 3
	(0)		(4.1 - 33.0)E 2 (24/ 24)		(7.0 - 33.0)E 2 (6/ 6)	(4.4 - 20.5)E 2 (4/ 4)
K-40	(28)		2.8E 3	ONS1-V	2.9E 3	2.8E 3
	(0)		(1.0 - 6.1)E 3 (24/ 24)		(1.4 - 3.9)E 3 (6/ 6)	(2.3 - 3.3)E 3 (4/ 4)
Cr-51	(28)		-2.3E 0	ONS1-V	1.8E 1	-1.3E 1
	(0)		(-6.9 - 11.1)E 1 (0/ 24)		(-4.6 - 11.1)E 1 (0/ 6)	(-4.2 - 1.1)E 1 (0/ 4)
Mn-54	(28)		1.5E -2	OFS1-V	1.7E 0	-2.2E 0
	(0)		(-6.9 - 4.2)E 0 (0/ 24)		(-2.9 - 36.5)E -1 (0/ 2)	(-7.8 - 3.7)E 0 (0/ 4)
Co-57	(28)		-2.9E -1	OFS1-V	5.2E -1	-9.0E -1
	(0)		(-1.0 - 0.5)E 1 (0/ 24)		(-2.9 - 3.9)E 0 (0/ 2)	(-5.0 - 3.9)E 0 (0/ 4)
Co-58	(28)		-4.3E -1	OFS2-V	2.4E 0	2.1E 0
	(0)		(-9.5 - 9.6)E 0 (0/ 24)		(-3.5 - 50.7)E -1 (0/ 2)	(-3.5 - 50.7)E -1 (0/ 4)
Fe-59	(28)		1.6E 0	OFS2-V	7.0E 0	6.2E 0
	(0)		(-9.1 - 44.7)E 0 (0/ 24)		(4.9 - 135.0)E -1 (0/ 2)	(-6.2 - 17.2)E 0 (0/ 4)
Co-60	(28)		-8.5E -1	OFS2-V	2.3E 0	2.2E 0
	(0)		(-1.6 - 1.1)E 1 (0/ 24)		(1.9 - 2.7)E 0 (0/ 2)	(-1.9 - 6.3)E 0 (0/ 4)
Zn-65	(28)		-3.4E 0	OFS1-V	3.4E 0	-9.4E -1
	(0)		(-4.1 - 1.9)E 1 (0/ 24)		(-2.0 - 8.8)E 0 (0/ 2)	(-8.5 - 8.8)E 0 (0/ 4)
Se-75	(28)		-1.0E -1	OFS2-V	1.5E 0	5.5E -1
	(0)		(-6.8 - 10.7)E 0 (0/ 24)		(3.2 - 26.5)E -1 (0/ 2)	(-6.4 - 26.5)E -1 (0/ 4)
Nb-95	(28)		5.9E -1	ONS1-V	1.5E 0	-1.6E 0
	(0)		(-1.4 - 0.8)E 1 (0/ 24)		(-3.9 - 5.5)E 0 (0/ 6)	(-6.9 - 4.7)E 0 (0/ 4)
Zr-95	(28)		3.1E -3	ONS1-V	3.2E 0	9.5E -2
	(0)		(-1.4 - 1.3)E 1 (0/ 24)		(-1.4 - 1.2)E 1 (0/ 6)	(-2.2 - 3.4)E 0 (0/ 4)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ru-103	(28)		-9.2E -1	ONS2-V	-8.4E -2	-2.8E 0
	(0)		(-6.5 - 3.2)E 0 (0/ 24)		(-3.7 - 3.2)E 0 (0/ 6)	(-4.9 - -0.1)E 0 (0/ 4)
Ru-106	(28)		-7.1E 0	OFS2-V	6.9E 0	-7.5E -2
	(0)		(-4.7 - 3.8)E 1 (0/ 24)		(-2.3 - 3.7)E 1 (0/ 2)	(-3.2 - 3.7)E 1 (0/ 4)
Ag-108m	(28)		-9.5E -1	OFS1-V	1.2E 0	-5.3E -2
	(0)		(-6.2 - 4.0)E 0 (0/ 24)		(1.2 - 1.3)E 0 (0/ 2)	(-1.9 - 1.3)E 0 (0/ 4)
Ag-110m	(28)		-1.1E 0	ONS1-V	1.1E 0	-6.3E -1
	(0)		(-7.9 - 7.8)E 0 (0/ 24)		(-6.0 - 7.8)E 0 (0/ 6)	(-4.5 - 3.2)E 0 (0/ 4)
Sb-124	(28)		7.8E -1	OFS2-V	8.4E 0	6.5E 0
	(0)		(-1.6 - 4.3)E 1 (0/ 24)		(2.4 - 14.3)E 0 (0/ 2)	(-5.4 - 14.6)E 0 (0/ 4)
Sb-125	(28)		9.7E -2	OFS1-V	9.7E 0	2.2E 0
	(0)		(-1.2 - 1.8)E 1 (0/ 24)		(9.2 - 1940.0)E -2 (0/ 2)	(-7.1 - 19.4)E 0 (0/ 4)
I-131	(28)	60	-1.1E 0	ONS2-V	1.3E 0	1.4E -2
	(0)		(-1.3 - 1.0)E 1 (0/ 24)		(-3.5 - 9.7)E 0 (0/ 6)	(-3.8 - 3.5)E 0 (0/ 4)
Cs-134	(28)	60	1.3E 0	OFS1-V	3.5E 0	1.7E 0
	(0)		(-9.8 - 7.8)E 0 (0/ 24)		(1.3 - 5.7)E 0 (0/ 2)	(-1.8 - 5.7)E 0 (0/ 4)
Cs-137	(28)	60	9.0E 0	ONS2-V	2.5E 1	7.2E -1
	(0)		(-1.1 - 6.2)E 1 (3/ 24)		(-6.7 - 621.0)E -1 (3/ 6)	(-3.3 - 3.2)E 0 (0/ 4)
Ba-140	(28)		1.1E 1	ONS3-V	1.4E 1	-1.5E 0
	(0)		(-2.3 - 5.5)E 1 (0/ 24)		(-2.3 - 5.5)E 1 (0/ 12)	(-1.9 - 1.8)E 1 (0/ 4)
La-140	(28)		-2.6E 0	OFS2-V	1.8E -1	-4.7E 0
	(0)		(-1.4 - 3.1)E 1 (0/ 24)		(-2.2 - 2.6)E 0 (0/ 2)	(-1.2 - 0.3)E 1 (0/ 4)
Ce-141	(28)		-1.2E 0	OFS2-V	1.2E 1	2.2E 0
	(0)		(-2.4 - 1.2)E 1 (0/ 24)		(8.2 - 16.6)E 0 (0/ 2)	(-1.1 - 1.7)E 1 (0/ 4)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ce-144	(28)		-6.7E 0	OFS2-V	2.0E 1	5.0E 0
	(0)		(-5.0 - 2.3)E 1 (0/ 24)		(1.4 - 2.6)E 1 (0/ 2)	(-1.2 - 2.6)E 1 (0/ 4)
Ac-228	(28)		1.9E 1	OFS1-V	6.3E 1	3.3E 1
	(0)		(-2.7 - 9.5)E 1 (0/ 24)		(4.9 - 7.6)E 1 (0/ 2)	(7.2 - 759.0)E -1 (0/ 4)
Th-228	(28)		5.4E -1	ONS3-V	1.7E 0	-3.6E 0
	(0)		(-2.7 - 1.6)E 1 (0/ 24)		(-2.7 - 1.6)E 1 (0/ 12)	(-1.6 - 0.8)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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
BETA	(52)	4	1.3E 0	LTW	1.3E 0	1.1E 0
	(0)		(-7.2 - 31.7)E -1		(-7.2 - 31.7)E -1	(-1.8 - 3.6)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
H-3	(8)	2000	-1.5E 1	STJ	2.0E 2	2.0E 2
	(0)		(-5.7 - 2.4)E 2		(-5.5 - 5.9)E 2	(-5.5 - 5.9)E 2
			(0/ 4)		(0/ 4)	(0/ 4)
Be-7	(52)		2.8E 0	LTW	2.8E 0	1.4E 0
	(0)		(-2.2 - 3.2)E 1		(-2.2 - 3.2)E 1	(-2.8 - 2.3)E 1
			(0/ 26)		(0/ 26)	(0/ 26)
K-40	(52)		3.6E 0	LTW	3.6E 0	-2.0E 0
	(0)		(-3.7 - 3.6)E 1		(-3.7 - 3.6)E 1	(-3.9 - 6.4)E 1
			(0/ 26)		(0/ 26)	(0/ 26)
Cr-51	(52)		2.8E 0	LTW	2.8E 0	8.8E -1
	(0)		(-1.9 - 2.2)E 1		(-1.9 - 2.2)E 1	(-2.5 - 1.7)E 1
			(0/ 26)		(0/ 26)	(0/ 26)
Mn-54	(52)	15	3.3E -1	LTW	3.3E -1	3.7E -2
	(0)		(-3.0 - 3.4)E 0		(-3.0 - 3.4)E 0	(-2.3 - 3.2)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Co-57	(52)		2.5E -1	LTW	2.5E -1	1.1E -1
	(0)		(-1.3 - 4.9)E 0		(-1.3 - 4.9)E 0	(-1.7 - 1.2)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Co-58	(52)	15	-1.0E -1	LTW	-1.0E -1	-2.0E -1
	(0)		(-2.8 - 2.5)E 0		(-2.8 - 2.5)E 0	(-2.8 - 2.5)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Fe-59	(52)	30	8.6E -1	LTW	8.6E -1	1.2E -1
	(0)		(-3.2 - 18.2)E 0		(-3.2 - 18.2)E 0	(-4.8 - 2.9)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Co-60	(52)	15	6.8E -2	STJ	1.7E -1	1.7E -1
	(0)		(-2.6 - 2.9)E 0		(-3.1 - 3.2)E 0	(-3.1 - 3.2)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Zn-65	(52)	30	3.2E -1	LTW	3.2E -1	-1.8E -1
	(0)		(-3.9 - 12.3)E 0		(-3.9 - 12.3)E 0	(-5.9 - 7.5)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Se-75	(52)		2.4E -1	LTW	2.4E -1	-3.8E -1
	(0)		(-1.5 - 3.7)E 0		(-1.5 - 3.7)E 0	(-3.9 - 2.2)E 0
			(0/ 26)		(0/ 26)	(0/ 26)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Nb-95	(52)	15	-2.0E -1	STJ	9.3E -1	9.3E -1
	(0)		(-2.4 - 2.0)E 0		(-2.7 - 3.3)E 0	(-2.7 - 3.3)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Zr-95	(52)	30	2.6E -1	STJ	3.5E -1	3.5E -1
	(0)		(-4.6 - 6.5)E 0		(-4.5 - 4.2)E 0	(-4.5 - 4.2)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Ru-103	(52)		-6.4E -1	STJ	-4.8E -1	-4.8E -1
	(0)		(-2.7 - 1.6)E 0		(-3.2 - 2.0)E 0	(-3.2 - 2.0)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Ru-106	(52)		-2.5E 0	STJ	4.2E 0	4.2E 0
	(0)		(-1.7 - 2.7)E 1		(-1.8 - 6.3)E 1	(-1.8 - 6.3)E 1
			(0/ 26)		(0/ 26)	(0/ 26)
Ag-108m	(52)		-3.2E -1	STJ	1.6E -1	1.6E -1
	(0)		(-2.0 - 1.1)E 0		(-2.4 - 2.7)E 0	(-2.4 - 2.7)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Ag-110m	(52)		-3.4E -1	LTW	-3.4E -1	-7.4E -1
	(0)		(-2.2 - 2.2)E 0		(-2.2 - 2.2)E 0	(-2.7 - 3.6)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Sb-124	(52)		-1.8E -1	STJ	5.2E -1	5.2E -1
	(0)		(-5.3 - 9.4)E 0		(-4.6 - 7.9)E 0	(-4.6 - 7.9)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Sb-125	(52)		6.1E -4	STJ	8.4E -1	8.4E -1
	(0)		(-5.2 - 11.8)E 0		(-4.4 - 9.3)E 0	(-4.4 - 9.3)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
I-131	(52)	1	3.9E -2	LTW	3.9E -2	3.1E -2
	(0)		(-4.2 - 8.9)E -1		(-4.2 - 8.9)E -1	(-4.9 - 3.8)E -1
			(0/ 26)		(0/ 26)	(0/ 26)
Cs-134	(52)	15	7.4E -1	LTW	7.4E -1	9.3E -2
	(0)		(-1.9 - 9.3)E 0		(-1.9 - 9.3)E 0	(-1.9 - 2.9)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Cs-137	(52)	18	-3.0E -2	STJ	6.5E -1	6.5E -1
	(0)		(-2.1 - 6.4)E 0		(-1.1 - 3.6)E 0	(-1.1 - 3.6)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Ba-140	(52)	60	9.9E -2	STJ	9.2E -1	9.2E -1
	(0)		(-1.1 - 1.7)E 1		(-1.4 - 2.1)E 1	(-1.4 - 2.1)E 1
			(0/ 26)		(0/ 26)	(0/ 26)

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
La-140	(52)	15	3.7E -1	LTW	3.7E -1	2.3E -1
	(0)		(-4.8 - 4.1)E 0		(-4.8 - 4.1)E 0	(-7.1 - 6.7)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Ce-141	(52)		1.0E -1	LTW	1.0E -1	-2.1E -1
	(0)		(-6.0 - 4.5)E 0		(-6.0 - 4.5)E 0	(-4.8 - 3.8)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Ce-144	(52)		-2.8E -1	STJ	3.4E 0	3.4E 0
	(0)		(-1.6 - 1.8)E 1		(-9.5 - 27.7)E 0	(-9.5 - 27.7)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Ac-228	(52)		2.0E 0	LTW	2.0E 0	1.0E 0
	(0)		(-1.2 - 1.5)E 1		(-1.2 - 1.5)E 1	(-9.3 - 13.8)E 0
			(0/ 26)		(0/ 26)	(0/ 26)
Th-228	(52)		1.6E 0	STJ	1.8E 0	1.8E 0
	(0)		(-4.8 - 7.1)E 0		(-5.0 - 5.9)E 0	(-5.0 - 5.9)E 0
			(0/ 26)		(0/ 26)	(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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
H-3	(68)	2000	1.1E 2	W-12	3.7E 2	NO DATA
	(0)		(-9.0 - 10.9)E 2		(-5.8 - 8.9)E 2	
			(0/ 68)		(0/ 4)	
Be-7	(68)		-5.6E -1	MW-21	6.1E 0	NO DATA
	(0)		(-2.4 - 1.9)E 1		(2.9 - 13.0)E 0	
			(0/ 68)		(0/ 4)	
K-40	(68)		3.6E 0	W-4	1.8E 1	NO DATA
	(0)		(-4.0 - 4.9)E 1		(-8.5 - 36.5)E 0	
			(5/ 68)		(1/ 4)	
Cr-51	(68)		-7.0E -1	W-4	7.5E 0	NO DATA
	(0)		(-2.1 - 2.6)E 1		(-3.3 - 25.6)E 0	
			(0/ 68)		(0/ 4)	
Mn-54	(68)	15	-8.9E -2	W-6	6.0E -1	NO DATA
	(0)		(-2.3 - 1.8)E 0		(-4.9 - 16.7)E -1	
			(0/ 68)		(0/ 4)	
Co-57	(68)		5.5E -2	MW-20	8.6E -1	NO DATA
	(0)		(-1.7 - 1.9)E 0		(2.1 - 19.0)E -1	
			(0/ 68)		(0/ 4)	
Co-58	(68)	15	-1.6E -1	W-4	9.5E -1	NO DATA
	(0)		(-2.8 - 3.7)E 0		(-1.3 - 3.7)E 0	
			(0/ 68)		(0/ 4)	
Fe-59	(68)	30	3.7E -1	W-15	1.6E 0	NO DATA
	(0)		(-2.9 - 5.6)E 0		(-3.2 - 32.6)E -1	
			(0/ 68)		(0/ 4)	
Co-60	(68)	15	-1.8E -1	W-3	6.5E -1	NO DATA
	(0)		(-4.4 - 3.8)E 0		(-1.6 - 28.5)E -1	
			(0/ 68)		(0/ 4)	
Zn-65	(68)	30	-1.2E -1	W-5	1.5E 0	NO DATA
	(0)		(-7.3 - 6.0)E 0		(4.9 - 3140.0)E -3	
			(0/ 68)		(0/ 4)	
Se-75	(68)		2.7E -1	W-5	2.5E 0	NO DATA
	(0)		(-2.6 - 4.4)E 0		(2.9 - 44.2)E -1	
			(0/ 68)		(0/ 4)	
Nb-95	(68)	15	1.3E -1	W-2	1.7E 0	NO DATA
	(0)		(-3.2 - 4.9)E 0		(-2.9 - 49.1)E -1	
			(0/ 68)		(0/ 4)	

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Zr-95	(68)	30	6.5E -1	W-15	2.9E 0	NO DATA
	(0)		(-4.8 - 9.0)E 0		(-2.2 - 89.6)E -1	
			(0/ 68)		(0/ 4)	
Ru-103	(68)		-5.6E -1	MW-20	2.8E -1	NO DATA
	(0)		(-5.0 - 1.6)E 0		(-8.7 - 16.0)E -1	
			(0/ 68)		(0/ 4)	
Ru-106	(68)		-9.9E -1	W-15	6.2E 0	NO DATA
	(0)		(-3.7 - 2.1)E 1		(-1.5 - 15.7)E 0	
			(0/ 68)		(0/ 4)	
Ag-108m	(68)		1.6E -1	W-8	1.0E 0	NO DATA
	(0)		(-2.0 - 2.3)E 0		(9.5 - 1970.0)E -3	
			(0/ 68)		(0/ 4)	
Ag-110m	(68)		-8.5E -2	W-15	1.1E 0	NO DATA
	(0)		(-3.3 - 4.8)E 0		(-8.1 - 48.4)E -1	
			(0/ 68)		(0/ 4)	
Sb-124	(68)		6.8E -2	W-10	2.0E 0	NO DATA
	(0)		(-3.2 - 6.2)E 0		(-1.2 - 62.3)E -1	
			(0/ 68)		(0/ 4)	
Sb-125	(68)		2.3E -1	W-8	4.8E 0	NO DATA
	(0)		(-7.7 - 20.1)E 0		(-2.8 - 20.1)E 0	
			(0/ 68)		(0/ 4)	
I-131	(68)	1	-5.1E -2	W-12	1.3E 0	NO DATA
	(0)		(-3.8 - 3.6)E 0		(-2.3 - 35.6)E -1	
			(0/ 68)		(0/ 4)	
Cs-134	(68)	15	4.4E -1	W-15	1.4E 0	NO DATA
	(0)		(-1.8 - 4.2)E 0		(-2.5 - 41.7)E -1	
			(0/ 68)		(0/ 4)	
Cs-137	(68)	18	-4.7E -2	W-5	6.9E -1	NO DATA
	(0)		(-3.1 - 3.3)E 0		(-3.8 - 12.8)E -1	
			(0/ 68)		(0/ 4)	
Ba-140	(68)	60	-2.8E -1	MW-20	4.2E 0	NO DATA
	(0)		(-2.1 - 1.5)E 1		(-1.7 - 14.4)E 0	
			(0/ 68)		(0/ 4)	
La-140	(68)	15	3.6E -1	W-10	1.4E 0	NO DATA
	(0)		(-5.6 - 4.6)E 0		(2.3 - 38.9)E -1	
			(0/ 68)		(0/ 4)	

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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 Stations Mean *** Range No. Detected**
Ce-141	(68)		-8.8E -2	MW-20	1.6E 0	NO DATA
	(0)		(-6.4 - 4.7)E 0		(3.5 - 2950.0)E -3	
			(0/ 68)		(0/ 4)	
Ce-144	(68)		1.6E 0	W-5	1.5E 1	NO DATA
	(0)		(-2.0 - 4.7)E 1		(-4.6 - 47.4)E 0	
			(0/ 68)		(0/ 4)	
Ac-228	(68)		8.6E -1	W-8	4.6E 0	NO DATA
	(0)		(-1.1 - 1.8)E 1		(1.3 - 11.3)E 0	
			(0/ 68)		(0/ 4)	
Th-228	(68)		1.7E 0	W-7	3.0E 0	NO DATA
	(0)		(-3.4 - 7.5)E 0		(7.9 - 55.5)E -1	
			(3/ 68)		(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
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
H-3	(8)	2000	-1.8E 2	SWL-3	-1.5E 2	NO DATA
	(0)		(-1.1 - 0.2)E 3 (0/ 8)		(-1.1 - 0.2)E 3 (0/ 4)	
Be-7	(24)		3.3E 0	SWL-3	5.9E 0	NO DATA
	(0)		(-1.7 - 3.4)E 1 (0/ 24)		(-8.0 - 34.3)E 0 (0/ 12)	
K-40	(24)		-4.1E 0	SWL-2	-4.3E -1	NO DATA
	(0)		(-3.5 - 3.6)E 1 (0/ 24)		(-3.0 - 2.6)E 1 (0/ 12)	
Cr-51	(24)		-1.5E 0	SWL-2	-1.3E 0	NO DATA
	(0)		(-2.3 - 1.4)E 1 (0/ 24)		(-2.3 - 1.2)E 1 (0/ 12)	
Mn-54	(24)	15	6.6E -2	SWL-2	1.6E -1	NO DATA
	(0)		(-2.0 - 2.5)E 0 (0/ 24)		(-2.0 - 2.5)E 0 (0/ 12)	
Co-57	(24)		2.7E -1	SWL-2	5.5E -1	NO DATA
	(0)		(-2.2 - 4.2)E 0 (0/ 24)		(-1.0 - 4.2)E 0 (0/ 12)	
Co-58	(24)	15	3.5E -2	SWL-2	3.2E -1	NO DATA
	(0)		(-2.3 - 2.4)E 0 (0/ 24)		(-1.3 - 2.4)E 0 (0/ 12)	
Fe-59	(24)	30	4.1E -1	SWL-2	1.1E 0	NO DATA
	(0)		(-4.6 - 3.5)E 0 (0/ 24)		(-1.9 - 3.5)E 0 (0/ 12)	
Co-60	(24)	15	-1.1E -1	SWL-3	-6.5E -2	NO DATA
	(0)		(-1.4 - 1.5)E 0 (0/ 24)		(-9.1 - 9.0)E -1 (0/ 12)	
Zn-65	(24)	30	1.3E -1	SWL-2	2.5E -1	NO DATA
	(0)		(-3.4 - 5.2)E 0 (0/ 24)		(-3.3 - 5.2)E 0 (0/ 12)	
Se-75	(24)		-4.3E -1	SWL-2	-3.7E -1	NO DATA
	(0)		(-1.4 - 1.2)E 0 (0/ 24)		(-1.4 - 0.7)E 0 (0/ 12)	
Nb-95	(24)	15	1.2E -1	SWL-2	3.0E -1	NO DATA
	(0)		(-3.6 - 2.5)E 0 (0/ 24)		(-3.6 - 2.5)E 0 (0/ 12)	

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Station With Highest Mean Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Zr-95	(24)	30	4.6E -1	SWL-3	7.2E -1	NO DATA
	(0)		(-1.9 - 3.1)E 0		(-1.1 - 3.1)E 0	
			(0/ 24)		(0/ 12)	
Ru-103	(24)		-5.4E -1	SWL-3	-2.3E -1	NO DATA
	(0)		(-5.8 - 1.4)E 0		(-3.2 - 1.0)E 0	
			(0/ 24)		(0/ 12)	
Ru-106	(24)		6.8E -1	SWL-3	1.0E 0	NO DATA
	(0)		(-2.0 - 2.7)E 1		(-7.1 - 14.5)E 0	
			(0/ 24)		(0/ 12)	
Ag-108m	(24)		1.1E -1	SWL-2	3.3E -1	NO DATA
	(0)		(-1.3 - 2.1)E 0		(-4.5 - 21.4)E -1	
			(0/ 24)		(0/ 12)	
Ag-110m	(24)		1.8E -1	SWL-2	3.3E -1	NO DATA
	(0)		(-2.1 - 3.0)E 0		(-1.6 - 3.0)E 0	
			(0/ 24)		(0/ 12)	
Sb-124	(24)		-6.7E -1	SWL-2	-2.1E -2	NO DATA
	(0)		(-6.0 - 5.1)E 0		(-3.3 - 5.1)E 0	
			(0/ 24)		(0/ 12)	
Sb-125	(24)		4.2E -1	SWL-2	9.1E -1	NO DATA
	(0)		(-2.8 - 10.1)E 0		(-2.2 - 10.1)E 0	
			(0/ 24)		(0/ 12)	
I-131	(24)	1	-8.4E -1	SWL-3	-2.6E -2	NO DATA
	(0)		(-6.8 - 6.4)E 0		(-6.4 - 6.4)E 0	
			(0/ 24)		(0/ 12)	
Cs-134	(24)	15	3.7E -1	SWL-2	6.5E -1	NO DATA
	(0)		(-9.8 - 18.8)E -1		(-3.1 - 18.8)E -1	
			(0/ 24)		(0/ 12)	
Cs-137	(24)	18	3.2E -1	SWL-3	4.0E -1	NO DATA
	(0)		(-2.2 - 4.0)E 0		(-2.2 - 4.0)E 0	
			(0/ 24)		(0/ 12)	
Ba-140	(24)	60	-1.2E -1	SWL-3	7.1E -1	NO DATA
	(0)		(-1.5 - 1.8)E 1		(-1.3 - 1.4)E 1	
			(0/ 24)		(0/ 12)	
La-140	(24)	15	-2.7E -1	SWL-3	-2.5E -1	NO DATA
	(0)		(-9.6 - 8.9)E 0		(-4.0 - 6.2)E 0	
			(0/ 24)		(0/ 12)	

Table 3.1
Radiological Environmental Program Summary
Indiana Michigan Power Co., DC Cook Nuclear Plant
(January - December 2016)

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

Radionuclides (No. Analyses) Non-Routine*		Required LLD	Indicator Stations Mean *** Range No. Detected**	Station With Highest Mean Station	Mean *** Range No. Detected**	Control Stations Mean *** Range No. Detected**
Ce-141	(24)		-6.7E -1	SWL-2	-4.4E -1	NO DATA
	(0)		(-9.6 - 2.9)E 0		(-5.7 - 2.9)E 0	
			(0/ 24)		(0/ 12)	
Ce-144	(24)		4.4E -1	SWL-2	1.5E 0	NO DATA
	(0)		(-7.4 - 7.1)E 0		(-4.6 - 4.7)E 0	
			(0/ 24)		(0/ 12)	
Ac-228	(24)		-6.0E -1	SWL-2	-5.8E -1	NO DATA
	(0)		(-1.2 - 0.8)E 1		(-1.2 - 0.8)E 1	
			(0/ 24)		(0/ 12)	
Th-228	(24)		1.4E 0	SWL-3	1.6E 0	NO DATA
	(0)		(-3.8 - 5.8)E 0		(-3.8 - 5.8)E 0	
			(0/ 24)		(0/ 12)	

* 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

2016
Environmental TLD Exposure Rate Measurements

(μR/hr)

	Onsite TLDs	Offsite and Control TLDs	Highest Mean (SBN)
Mean	5.1 ± 0.4	5.7 ± 0.8	7.5 ± 0.4
Range	4.4 - 6.5	4.5 - 8	7.2 - 8
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

2016
ENVIRONMENTAL TLD DATA SUMMARY

Exposure Rate
(μR/hr ± 1 std. dev.)

Station Number	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Average Annual Exposure Rate (μR/hr)
T-01	4.8 ± 0.2	5.1 ± 0.2	5.2 ± 0.4	5.7 ± 0.3	5.2
T-02	4.9 ± 0.2	5.1 ± 0.3	5.0 ± 0.3	5.5 ± 0.3	5.1
T-03	4.7 ± 0.2	4.5 ± 0.2	4.6 ± 0.3	5.1 ± 0.4	4.7
T-04	5.5 ± 0.2	5.6 ± 0.3	5.9 ± 0.3	6.5 ± 0.6	5.9
T-05	5.2 ± 0.3	5.0 ± 0.2	5.0 ± 0.4	5.7 ± 0.3	5.2
T-06	4.9 ± 0.2	5.0 ± 0.3	4.8 ± 0.3	5.5 ± 0.3	5.1
T-07	4.5 ± 0.2	4.8 ± 0.2	4.9 ± 0.3	5.3 ± 0.3	4.9
T-08	5.0 ± 0.2	5.1 ± 0.4	5.3 ± 0.3	5.5 ± 0.3	5.2
T-09	4.4 ± 0.2	4.5 ± 0.3	4.5 ± 0.3	5.0 ± 0.3	4.6
T-10	5.1 ± 0.2	5.1 ± 0.3	5.2 ± 0.4	5.4 ± 0.3	5.2
T-11	5.1 ± 0.3	4.9 ± 0.5	4.7 ± 0.3	5.5 ± 0.3	5.1
T-12	4.8 ± 0.4	4.9 ± 0.2	5.3 ± 0.2	5.4 ± 0.2	5.1
NBF	5.3 ± 0.2	5.3 ± 0.2	5.3 ± 0.3	6.0 ± 0.2	5.5
SBN	7.2 ± 0.3	7.2 ± 0.3	7.4 ± 0.4	8.0 ± 0.5	7.5
DOW	4.8 ± 0.3	4.9 ± 0.2	4.9 ± 0.3	5.8 ± 0.2	5.1
COL	4.5 ± 0.2	4.7 ± 0.3	4.7 ± 0.2	5.5 ± 0.3	4.9
OFT-1	5.1 ± 0.2	4.8 ± 0.2	5.1 ± 0.2	5.5 ± 0.3	5.1
OFT-2	5.2 ± 0.2	5.2 ± 0.3	5.4 ± 0.3	5.9 ± 0.3	5.4
OFT-3	5.4 ± 0.2	5.2 ± 0.2	5.3 ± 0.2	5.5 ± 0.2	5.4
OFT-4	5.6 ± 0.2	5.4 ± 0.2	5.3 ± 0.3	6.1 ± 0.4	5.6
OFT-5	5.3 ± 0.4	5.1 ± 0.3	5.2 ± 0.2	5.9 ± 0.3	5.4
OFT-6	6.2 ± 0.3	6.7 ± 0.2	6.6 ± 0.4	7.0 ± 0.4	6.6
OFT-7	5.2 ± 0.3	5.4 ± 0.2	5.2 ± 0.3	6.0 ± 0.2	5.5
OFT-8	6.3 ± 0.2	5.7 ± 0.2	5.8 ± 0.3	7.0 ± 0.3	6.2
OFT-9	5.1 ± 0.3	5.5 ± 0.2	5.4 ± 0.3	6.1 ± 0.3	5.5
OFT-10	5.5 ± 0.2	5.1 ± 0.3	5.2 ± 0.3	6.0 ± 0.3	5.5
OFT-11	6.3 ± 0.3	6.0 ± 0.2	6.4 ± 0.3	7.1 ± 0.3	6.5

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, and in the Corrective Action Program (CAP) by way of an Action Request (AR) or General Tracker (GT). Note that due to the retirement of AT&T 2G towers, 2016 was a challenging year for prompt response to power losses to air monitoring stations. For this reason, the existing telemetry was retired, and replaced with a new and updated 3G system in November of 2016.

The following deviations were noted for the 2016 sampling program:

1. 12/28/2015: At 1736 (5:36pm), air station ONS-1 lost power due to a heavy ice storm which took place that day. The loss of power spanned the end of 2015 and start of 2016, as well as two sampling periods. Total power loss was 64 hours and 44 minutes. The loss of time applicable to 2016 is 23 hours and 35 min. AR 2016-0323 was written to document this program deviation. Sufficient sample volume was obtained so the loss was not detrimental to the sample.
2. 1/9/2016: ONS-1 air station lost power for 2.5 hours due to inclement weather. This lost time was not detrimental to the sample. AR 2016-1319 was written to document this program deviation.
3. 2/24/2016: ONS-6 air station lost power for 15 hours and 50 minutes due to inclement weather. This lost time was not detrimental to the sample. AR 2016-2367 was written to document this program deviation.
4. 3/26/2016: ONS-2 air station lost power for 43.5 hours due to work on a nearby electric pole and transformer which feed the air station. This lost time was not detrimental to the sample. AR 2016-3510 was written to document this program deviation.
5. 1/12/2016 and then from 1/17-1/29: No surface water samples were obtained due to ice buildup along the shore of Lake Michigan. AR 2016-1331 was written to document this program deviation. Sufficient sample volume for the monthly composite was obtained.
6. 1/1/2016 through 12/31/2016: 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 2016. 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 2016. Broadleaf sampling in lieu of milk was performed.

7. 6/1/2016: Air station designated SBN, located off-site in South Bend was found to have no power. SBN air station had lost power on 5/31 at 1840 due to Kankakee Station power failure. Loss of power was about 14.1 hours for this sample period. This loss of run time is not detrimental to the air sample or the program's ability to provide quality data. 300,000 liters are the minimum needed for a representative sample. Sample collected was 511,877L. Power was restored on 6/2/2016 with a second sampling period being affected by a 30-hour time loss. Sample volume collected was 461,420L. Total loss of power was 44 hours. AR 2016-7289 was written to document this program deviation.

8. 6/22/2016: During collection of Radiological Environmental Monitoring Program (REMP) environmental air samples, the air station designated ONS-1, located behind the Visitor Center off Rosemary Road, was found to have no power. ONS-1 lost 47 hours of run time. However, this loss of run time was not detrimental to the sample. No SENSUS notification was received. The conduit attached to the power pole had been separated from the pole and the electric cabling was torn. This happened during an extremely strong straight-line wind event, which was not forecasted, on the afternoon of Monday June 20th. The REMP Supervisor contacted AEP T&D. By Friday June 24th a generator was installed and power was restored on Monday 6/27/2016. Loss of power was about 64 hours. This loss of run time was not detrimental to the air sample or the program's ability to provide quality data. The minimum needed for a representative sample is 300,000 liters. Sample collected was 423,403L. AR 2016-8154 was written to document this program deviation.

9. 8/17/2016: During sample pick up, Coloma Radiological Environmental Monitoring Program (REMP) air station (ID name COL) air pump was found to be not working. Upon further investigation it was discovered that the circuit breaker on the flow meter had tripped off. There have been power losses due to strong storms this season. However, due to not being able to validate why the breaker on the flow meter had tripped off, the pump was immediately exchanged for a freshly calibrated one. The removed pump was turned in for calibration, repair, and functional checks. The new pump operated normally. Total lost time was 49.5 hours, which was not detrimental to the sample. AR 2016-9936 was initiated to document this event.

10. 9/14/2016: During the REMP surveillance tours, an environmental technician noted that ONS-6 air pump had lost 83 hours. This occurred during the hottest time of the year, so the temperature in the housing likely caused the air pump to overheat and trip off. This was because a housing fan failure had previously been identified and was awaiting replacement upon the arrival of the new fan. This loss was not detrimental to the sample. This also occurred during the time period telemetry was no longer functioning properly (due to sunset for AT&T 2G towers); therefore no notification was sent or received. AR 2016-9815 was written to document this program deviation and track the replacement of the housing's fan. Telemetry replacement was completed in December of 2016. The housing fan was also replaced.

11. 10/19/2016: During weekly performance of REMP air sampling, onsite REMP air station ONS-3, sampler ID number DF-11364 was found de-energized. Troubleshooting on site revealed the electrical outlet was energized as was all other equipment in the sampler enclosure. A newly calibrated spare was installed and the sampler was brought to the RP Instrumentation group to try to retrieve the elapsed time and total volume sample accumulated on the sampler via the F&J totalizer display. Attempts to do this were unsuccessful and the totalizer portion of the sampler was declared irreparable. This was documented in AR 2016-12093. The particulate filter and iodine cartridge were sent to GEL Labs for routine analysis on October 20th, 2016, but the laboratory was unable to analyze the cartridges due to insufficient volume. The week's sample (October 12-19, 2016) was not viable. This was the only instance where an air sample was unavailable in 2016. This was documented in AR 2016-12176.
12. 11/19/2016: Due to high winds and high waves, the surface water samples could not be collected. Seasonal unavailability of surface water samples is expected during this time of the year. This was documented in AR 2017-0997.
13. 12/16/2016; 12/17/2016; 12/19-12/23/2016: Due to ice formation along the shores of Lake Michigan, surface water samples could not be collected. This was documented in AR 2017-0997.
14. 2016: During 2016, though several attempts to collect salmon were made, the minimum quantity required for analysis could not be met. Salmon specimens were less than the 4 pounds minimum. This was likely due to a lean salmon population in Lake Michigan for 2016. An additional Perch sample was obtained to supplement this unavailable sample. This is detailed in AR 2016-13418.

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 LLDs in 2016.

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 2016.

4.4 Data Analysis by Media Type – Discussion

The 2016 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.1

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. 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, as shown in Figure 4.1. 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 2016). 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 end result is two different gross beta radioactivity determinations for the same level of environmental activity. In application, this is not an adverse condition in

that the gross beta counting is used as a qualitative indicator of changes in environmental conditions, not as a quantitative measure of the actual radioactivity since the comparison of the response curves for each monitoring station, including the control station, are similar over time, 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 is 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 effecting 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. 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

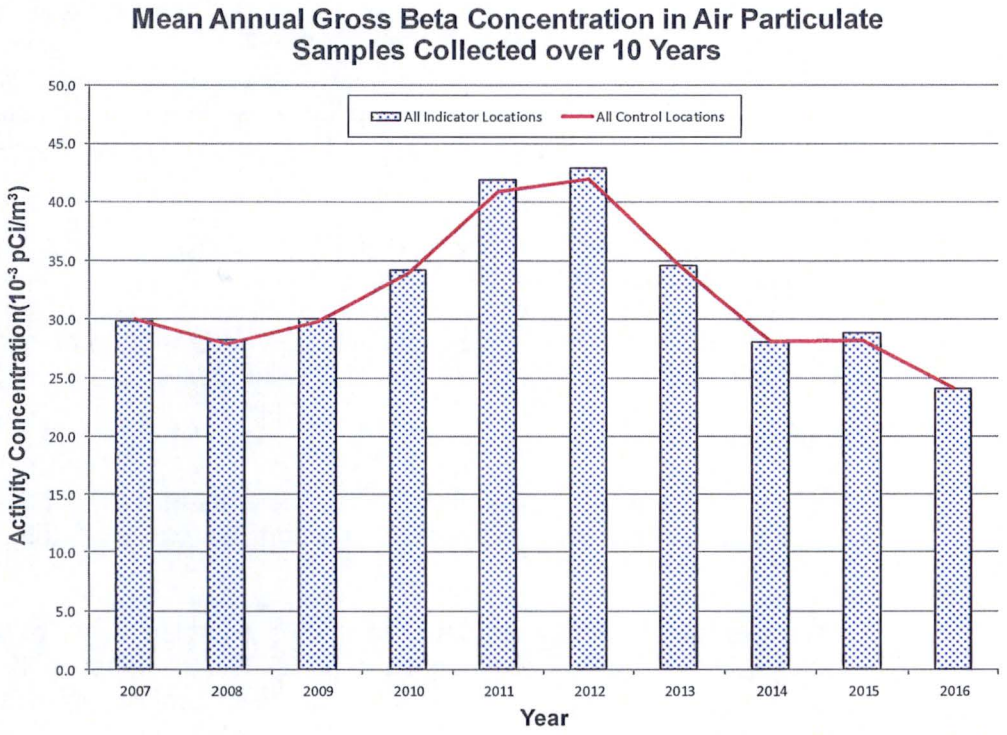
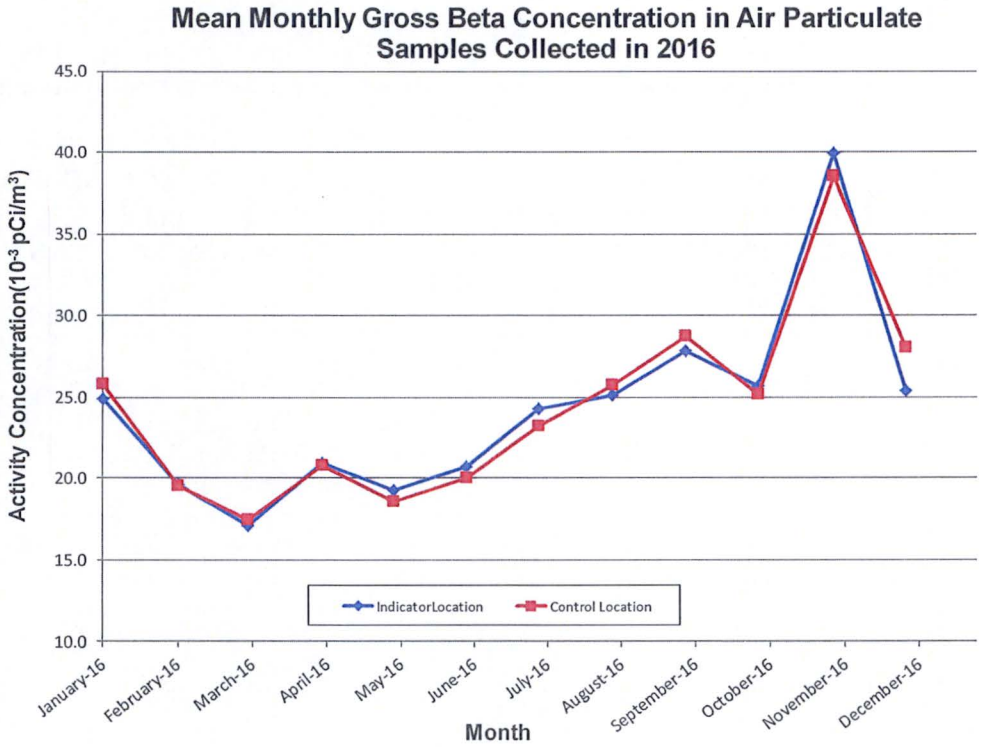


Figure 4.2



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 2016. 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 five samples and Th-228 was identified in three out of sixty-eight samples. The presence of K-40 and Th-228 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 2016 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 Over the Past 10 Years (W1-W7)

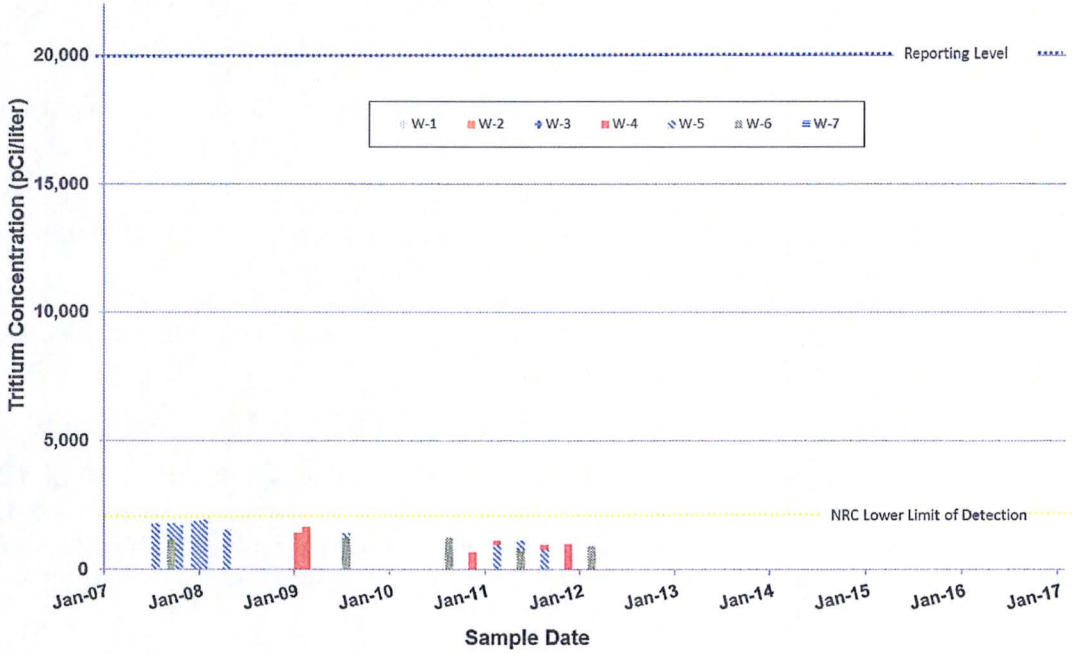


Figure 4.4

Tritium Detected in Groundwater Over the Past 10 Years (W8-W14, 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 2016.

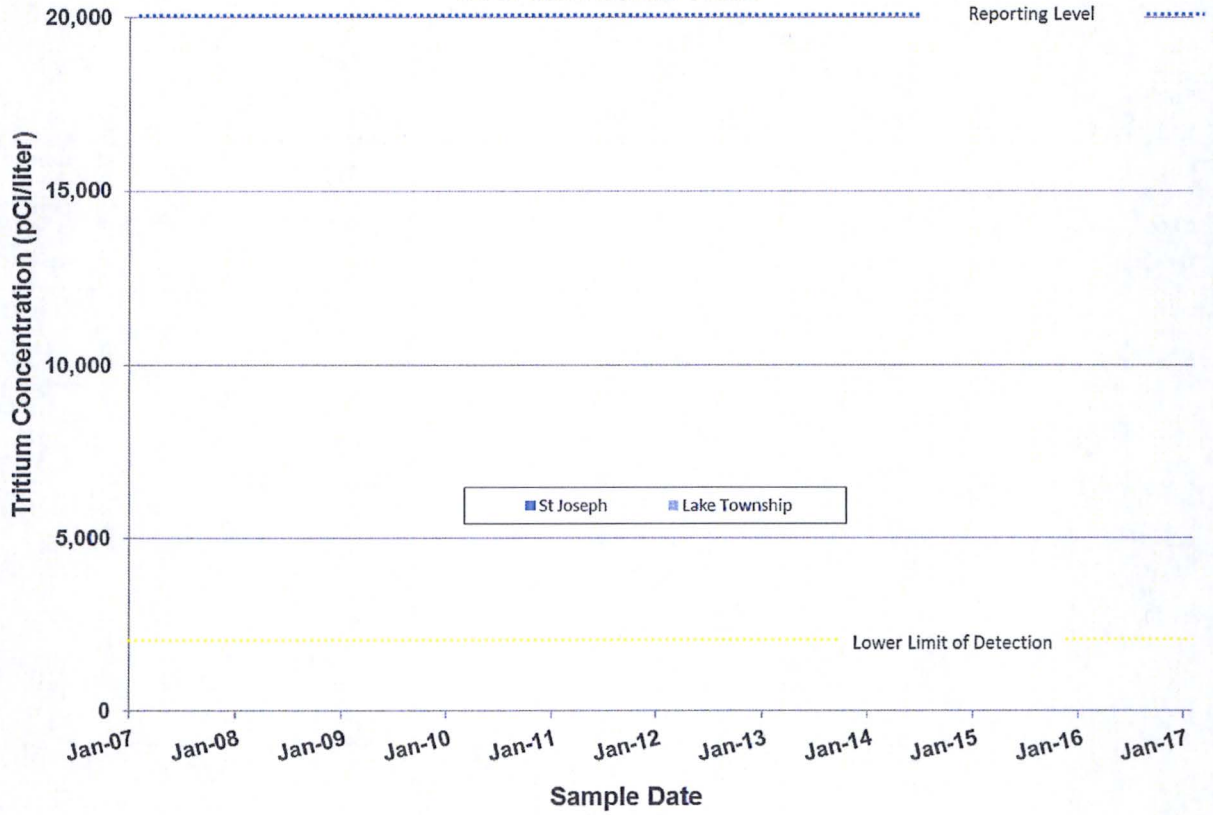
During 2016, the presence of gross beta radioactivity was not identified in any indicator or control samples.

No gamma-emitting nuclides were identified in any 2016 samples.

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 Detected in 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 deviations). Monthly composites were analyzed for gamma-emitting radionuclides and quarterly composites were analyzed for tritium. No tritium or gamma emitting radionuclides were detected above the MDC in any of the samples collected in 2016.

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 2016.

4.4.6 Sediment

Semiannual samples of lake sediments were collected from two indicator stations and analyzed for gamma-emitting nuclides. During 2016, K-40 was detected in all four samples, and Th-228 was detected in three samples. Additionally, two samples contained Ac-228. These radionuclides are expected as part of the naturally-occurring thorium decay series. No other gamma-emitting nuclides were detected in any of the samples collected in 2016. Unlike many past operational and pre-operational periods where traces of Cs-137 were found, no detectable Cs-137 was identified in 2016 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 Ac/Th-228) was not attributed to plant operation.

4.4.7 Milk

Milk samples were not collected during 2016, as milking operations ceased at the indicator farm (Shafer) in September 2014, and at the control farm (Livinghouse) in October 2014.

Condition Report 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 and K-40 in all samples from both indicator and control locations. Three indicator samples contained trace levels of Cs-137. The indicator samples ranged from 37.2 to 62.1 pCi/kg. AR 2016-11543 was written to document the occurrences for tracking purposes. Although the presence of Cs-137 is consistent with historical data, pre-operational samplings of broadleaf media were not collected before CNP construction. The historical results for this media indicate that the presence of Cs-137 could be the result of atmospheric weapons testing. The presence of Cs-137 was noted in

2011 after the Fukushima disaster. AR 2011-4952 was written in response to the 2011 samples. The Cs-137 detected is not considered to be a result of CNP gaseous effluents, as this result is consistent with historical data, and there were no Cs-137 releases from 2010 through 2014 or in 2016, with only one ten (10) minute release containing Cs-137 in 2015.

One annual sample of food products (grapes) each from two indicator and a control location was analyzed for gamma-emitting nuclides. Analysis identified the presence of naturally-occurring K-40 and Be-7 in both indicator and control samples. One indicator sample contained a trace level of Cs-137(60.2 pCi/kg).This was documented in AR 2016-11543. 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 radionuclides and a trace level of Cs-137 was not attributed to plant operations.

4.4.9 Fish

REMP fish samples were collected on two occasions at two indicator and two control locations. K-40 was detected in all the samples. Trace levels of Cesium-137 were observed in three indicator and four control samples. Additionally, non-REMP perch, salmon, and trout sampling was initiated in the third quarter of 2011. Two of the three non-REMP indicator samples (trout and perch) had a trace level of Cs-137 (17.9 and 20.7 pCi/kg;. All three samples had K-40. ARs 2016-10353, 2016-14073, and 2016-4475 were written to document the occurrences for trending purposes.

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 2016. 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. 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

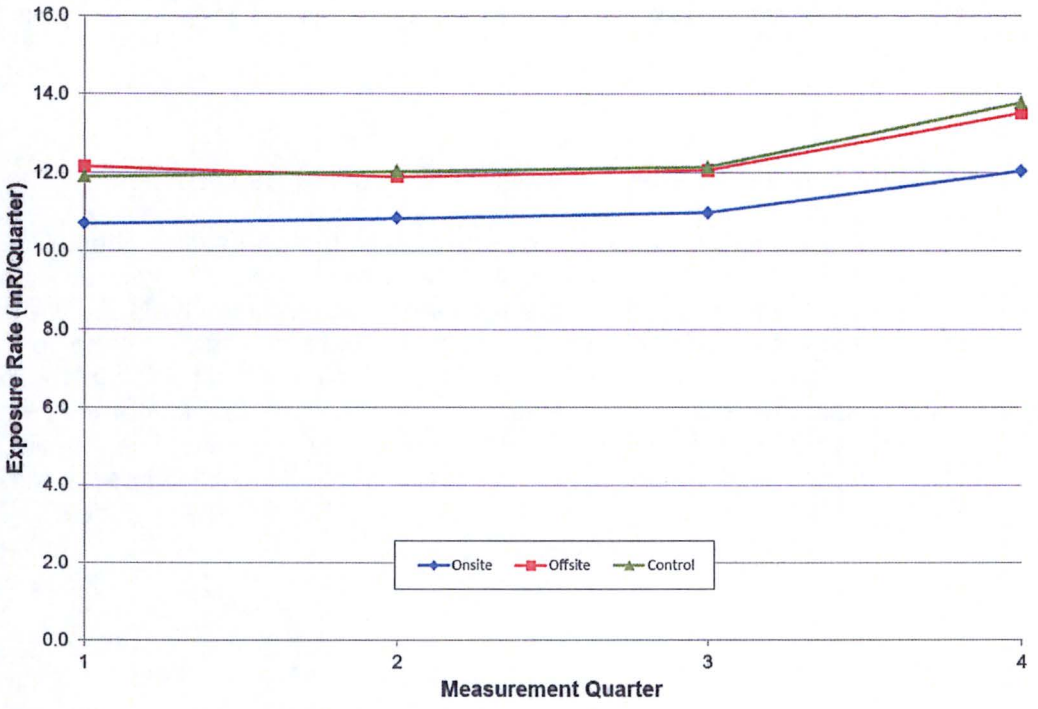
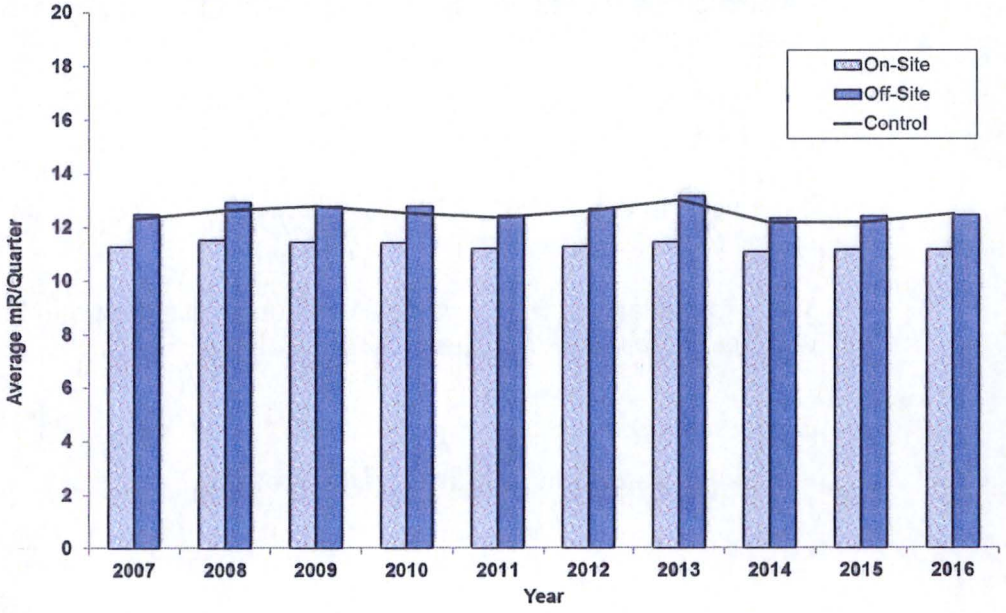


Figure 4.7
Direct Radiation, Annual Summary 10 Years Historical Trend



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]. 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 wells SG-1 through SG-5. 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 or broadleaf vegetation year round at the respective average Cs-137 concentrations determined during 2016. 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 broadleaf 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 seven REMP fish samples and two non-REMP samples and are detailed in Table 5.1 and dose summarized in Table 5.4. The concentrations ranged from 6.63 to 29.9 pCi/kg, all of which are 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 2.69E-02 mrem/year total body (for the adult age group) and 4.28E-02 mrem/year to the liver (for the teen age group). This represents 0.9% and 0.4% 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	TRT-Forebay	393360001	17.9	3-14-16
Fish	OFS-N	398213001	11.4	5-24-16
Fish	ONS-S	398213003	6.63	5-24-16
Fish	OFS-S	398213004	18.1	5-24-16
Fish	PCH-CNP	405197001	20.7	9-01-16
Fish	OFS-N	406683001	29.7	9-22-16
Fish	ONS-N	406683002	29.9	9-22-16
Fish	ONS-S	406683003	12.3	9-22-16
Fish	OFS-S	406683004	15.1	9-22-16
Average			18.0	

Trace levels of Cesium-137 were detected in three broadleaf vegetation samples and are detailed in Table 5.2 with doses summarized below in Table 5.4. The concentrations ranged from 37.2 to 62.1 pCi/kg. One concentration was above the required LLD of 60 pCi/kg. The presence of this radionuclide was determined to not be the result of operations at the CNP and none of the samples were from plants that are commonly eaten. Given that, the dose impacts from ingestion of the radionuclide yielded a total body dose of 5.44E-02 mrem/year (for the adult age group) and total critical organ dose

of 1.01E-01 mrem/year to the bone (for the child age group). This represents 1.1% and 0.7% of the total body and organ dose objectives of 10CFR50 Appendix I (5 mrem/yr and 15 mrem/yr respectively).

Table 5.2: Cs-137 Concentrations in Broadleaf Samples

Media	Station	Sample	Concentration (pCi/kg)	Date
Broadleaf	ONS2-V	404202002	37.2	8-18-16
Broadleaf	ONS2-V	405413002	62.1	9-06-16
Broadleaf	ONS2-V	405413003	43.5	9-06-16
Average			47.6	

A trace level of Cesium-137 was detected in one grape sample and is detailed in Table 5.3 with doses summarized below in Table 5.4. The concentration was 60.2 pCi/kg, which is just above the required LLD of 60 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 total body dose of 1.23E-01 mrem/year (for the adult age group) and total critical organ dose of 5.63E-01mrem/year to the bone (for the child age group). This represents 2.5% and 3.8% of the total body and organ dose objectives of 10CFR50 Appendix I (5 mrem/yr and 15 mrem/yr respectively).

Table 5.3: Cs-137 Concentrations in Grape Samples

Media	Station	Sample	Concentration (pCi/kg)	Date
Grapes	ONS-G	405413008	60.2	9-06-16
Average			60.2	

Table 5.4, below, summarizes each of the dose commitments calculated for each of the media, that had positive results for radionuclides that are not naturally occurring.

Table 5.4: 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]	4.28E-02	2.69E-02
Broadleaf	Cs-137	Bone [Child]	1.01E-01	5.44E-02
Grapes	Cs-137	Bone (Child)	5.63E-01	1.23E-01

6.0 SUMMARY OF REMP, ODCM, AND VENDOR PROCEDURE CHANGES

The ODCM was not revised in 2016.

The following changes were made to the REMP procedures in 2016:

Procedure No.: 12-THP-6010-RPP-635 Rev. No.: 7
Title: Collection of Milk Samples

Alteration	Justification
Step 5.1 – Changed the procedure name referenced from "Grape" to "Food Products."	Removing the words Grape eases the specificity of sampling. Aligns procedure with wording in NUREG 1301 and Branch Technical Position which say "Food Products". AR 2016-8561
Step 7.1.2 – Changed the procedure name referenced from "Grape" to "Food Products."	Removing the words Grape eases the specificity of sampling. Aligns procedure with wording in NUREG 1301 and Branch Technical Position which say "Food Products". AR 2016-8561

Procedure No.: 12-THP-6010-RPP-638 Rev. No.: 10
Title: Collection of Food Products and Broadleaf Samples

Alteration	Justification
Header: Title changes from "Grape" samples to "Food Products."	To remove focus of grape vegetative samples. AR 2016-8561
Step 1.1 – Changed "grape" samples to "food products" samples.	To remove focus of grape vegetative samples. AR 2016-8561
Step 4.1.2 – First bullet, changes "grape" samples to "food products" samples.	To remove focus of grape vegetative samples. AR 2016-8561

Procedure No.: 12-THP-6010-RPP-643 Rev. No.: 10
Title: Quarterly Review of Radiological Environmental Monitoring Program (REMP) Data

Alteration	Justification
Step 4.2.8 – Changed the word "grape" to "food product."	Removing the words Grape eases the specificity of sampling. Aligns procedure with wording in NUREG 1301 and Branch Technical Position which say "Food Products". AR 2016-8561
Reference 7.2.1.k – Changed the word "grape" to "food products."	Removing the words Grape eases the specificity of sampling. Aligns procedure with wording in NUREG 1301 and Branch Technical Position which say "Food Products". AR 2016-8561

There were no revisions to procedures for the Environmental Dosimetry Company in 2016.

Table 6.1 below summarizes the changes made by GEL Laboratories during 2016 to the procedures that are used for the Donald C. Cook Nuclear Plant REMP.

Table 6.1

GEL 2016 Procedure Changes

Sop #	Rev	Sop Title	Issue Date	DIRR Type
GL-CHL-B-025	1	BWXT Pantex QC Package Checklist	18-Mar-16	Change
GL-CHL-SR-001	2	Sample Receipt and Review Form	22-Mar-16	Revision
GL-CHL-SR-002	0	Survey Release Form	29-Apr-16	New Document
GL-CHL-SR-003	0	GEL Sample Label Reference	13-May-16	New Document
GL-CO-E-002	6	Delegated Authority to Commit the Company	4-Feb-16	Revision
GL-CO-E-002	7	Delegated Authority to Commit the Company	10-Mar-16	Revision
GL-CS-E-002	9	Internal Review of Contractually Required Quality Criteria for Client Package Delivery	19-May-16	Revision
GL-CS-E-005	8	Electronic Data Deliverables	18-Apr-16	Revision
GL-CS-E-008	2	Prelogin, Login, and Login Review	21-Mar-16	Revision
GL-CS-M-001	7	Project Management AlphaLIMS Manual	14-Sep-16	Revision
GL-DC-E-001	17	Document Control	9-Jun-16	Revision
GL-FS-E-003	7	Field Dissolved Oxygen	16-Aug-16	Revision
GL-GC-E-008	21	pH	28-Sep-16	Revision
GL-GC-E-009	11	Conductivity and Salinity	26-Jan-16	Revision
GL-GC-E-009	12	Conductivity and Salinity	28-Sep-16	Revision
GL-GC-E-011	13	Total Solids	29-Sep-16	Revision
GL-GC-E-027	12	Pensky-Martens Closed Cup Flashpoint	10-Aug-16	Deletion
GL-GC-E-028	23	Carbonaceous Biochemical Oxygen Demand (CBOD)	19-Jul-16	Revision
GL-GC-E-033	12	Alkalinity: Total, Bicarbonate, Carbonate, Hydroxide, and Phenolphthalein	26-Aug-16	Revision
GL-GC-E-037	14	Turbidity	21-Nov-16	Revision
GL-GC-E-040	15	Pretreatment of Cyanide Amenable to Chlorination	15-Mar-16	Revision
GL-GC-E-047	19	Methylene Blue Active Substance	17-Feb-16	Revision
GL-GC-E-047	19	Methylene Blue Active Substance	19-May-16	Revision
GL-GC-E-048	10	Heating Value Determination by Bomb Calorimeter	17-Feb-16	Revision
GL-GC-E-048	11	Heating Value Determination by Bomb Calorimeter	25-Mar-16	Revision
GL-GC-E-050	13	Threshold Odor	26-Apr-16	Deletion
GL-GC-E-052	7	Sulfide (Methylene Blue Method)	19-May-16	Revision
GL-GC-E-052	8	Sulfide (Methylene Blue Method)	28-Sep-16	Revision
GL-GC-E-058	11	Volatile Solids and % Ash Procedure for Solid and Semisolid Samples	25-Aug-16	Revision

Sop #	Rev	Sop Title	Issue Date	DIRR Type
GL-GC-E-061	19	Chemical Oxygen Demand (COD) - Digestion Reactor Method	28-Sep-16	Revision
GL-GC-E-062	16	Total Carbon and Total Organic Carbon Analysis Using the Dohrmann DC-190 Boat Sampler	29-Jan-16	Revision
GL-GC-E-067	21	Cyanide Sample Distillation	25-Mar-16	Revision
GL-GC-E-069	11	Reactive Cyanide and Sulfide	23-May-16	Revision
GL-GC-E-076	13	Total Residual Chlorine	23-Jun-16	Revision
GL-GC-E-076	13	Total Residual Chlorine	19-Jul-16	Revision
GL-GC-E-077	11	Cyanide Weak Acid Dissociable Sample Preparation and Analysis	15-Mar-16	Revision
GL-GC-E-079	8	Bomb Preparation Method for Solid Waste	28-Sep-16	Revision
GL-GC-E-090	11	Acidity	28-Sep-16	Revision
GL-GC-E-093	13	Total, Total Inorganic, and Total Organic Carbon (TOC) Using the OI Analytical Model 1010 TOC Analyzer	22-Jan-16	Revision

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

It was identified that the 2015 Land Use Census (LUC), included in Appendix B of the Annual Radiological Environmental Operating Report of 2015, contained an error. The Dairy Farm Survey states that "CNP REMP requirements specify a minimum of three indicators (within 8 miles of CNP) milk farms/residences are needed to support the milk sampling program". The correct distance is eight (8) kilometers. The 2016 LUC is correct.

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 sodium sulfate (Na_2SO_4) to iodide, the I-131 is precipitated with silver nitrate ($AgNO_3$). The precipitate is dissolved and purified with Zinc powder and sulphuric acid (H_2SO_4) and the solution is re-precipitated as palladium iodide (PdI_2), 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 basically 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 sodium hydroxide (NaOH) and potassium permanganate ($KMnO_4$) allowing for sufficient equilibration time so that a complete transposition of tritium with stable hydrogen has occurred.

APPENDIX B

2016 LAND USE CENSUS

2016 Radiological Environmental Monitoring Program

Land Use Census Summary

Date: September 30, 2016

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 2016 LUC is detailed below.

Dairy Farm Survey

A dairy farm survey was conducted from August 29 through September 30, 2016, to update the following information:

- Dairy farms located in the area around the CNP (within Berrien County, MI)
- Location nearest to CNP where animal milk is produced for human consumption.

During the survey period, no new dairy farms were identified within Berrien County.

Currently, there are zero (0) indicator (within eight km 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 (within 8 km of CNP) milk farms/residences are needed to support the milk sampling program. Due to the lack of dairy farms/residences within the specified distance and the one identified farm declining to participate at this time, the milk sampling program continues to be considered suspended.

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 (cows) providing milk for human consumption as follows:

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

Livestock for Consumption Survey

During the time period August 29 through September 30, 2016, 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 support livestock (beef and/or goats) operations was identified in Sector D. That farm is listed here:

Siri Stacey (Goats),
Sector /Distance from CNP: D/ 2.628 miles (13,874 feet)
7368 Holden Rd.
Stevensville, MI 49127,

The location, which was determined to be the "Closest Livestock for Consumption (meat)," did not change from the 2015 report.

Robert Mast Farm
Sector/Distance from CNP: F/ 1.41 miles (7,445 feet)
Livingston Rd.
Bridgman, MI 49106

Residential Land Use Survey

From June 1, 2015 to June 1, 2016, per Lake Township Building Inspector, Jim Gast, 0 (zero) 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). Additionally, there were 0 (zero) Demolition Permits issued during that time. 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 were no groundwater well permits 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 29 through September 30, 2016, a survey of nearby properties verified that the garden located at 7379 Rosemary Rd. (0.91 miles [4,805 feet] from CNP), in Sector C, is still the "Closest Garden Producing Fresh Leafy Vegetables."

In lieu of conducting the Garden Census as part of this LUC, 2016 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.

Notifications and Updates

The 2016 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 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 2016. 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 "2016 Annual Quality Assurance Report for the Radiological Environmental Monitoring Program (REMP)", dated March 29, 2017, and includes:

- Intra-laboratory QC results analyzed during 2016.
- Inter-laboratory QC results analyzed during 2016 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 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 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 (16-RAD-001) was conducted in May, 2016. Two (2) findings, six (6) observations, and five (5) recommendations resulted from this assessment. By July, 2016, the findings were closed and appropriate laboratory staff addressed each observation and recommendation.

Performance Evaluation Acceptance Criteria for Environmental Sample Analysis

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

Performance Evaluation Samples

Performance Evaluation (PE) results and internal quality control sample results are evaluated in accordance with GEL acceptance criteria. The first criterion concerns bias, which is defined as the deviation of any one result from the known value. The second criterion concerns precision,

which deals with the ability of the measurement to be replicated by comparison of an individual result with the mean of all results for a given sample set.

GEL also evaluates its analytical performance on a regular basis through 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 2016, fifty-five (55) 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 2016. Of the five hundred one (501) total results reported, 98.6% (494 of 501) were found to be acceptable. The list below contains the type of matrix evaluated by GEL:

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

A summary list of all inter-laboratory radiological proficiency test results and 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 one hundred twenty-eight (128) individual environmental analyses. The accuracy of each result reported to Eckert & Ziegler Analytics, Inc. is measured by the ratio of GEL's result to the known value. All results fell within GEL's acceptance criteria (100%). Table C-2 list the results specific to the Eckert & Ziegler Analytics sample provided in 2016. No corrective action reports were noted for these results.

Summary of Participation in the MAPEP Monitoring Program

MAPEP Series 34 and 35 were analyzed by the laboratory. Of the one hundred twenty-six (126) analyses, 98.4% (126 out of 128) of all results fell within the PT provider's acceptance criteria. Two analytical failures occurred: Iron-55 in soil and Radium-226 in water.

For the corrective measures associated with MAPEP Series 34, refer to CARR 160602-1025 which is detailed in Table C-5.

Summary of Participation in the ERA MRaD PT Program

The ERA MRad program provided samples (MRAD-24 and MRAD-25) for one hundred ninety-four (194) individual environmental analyses. Of the one hundred ninety-four (194) analyses, 99.4% (193 out of 194) fell within the PT provider's acceptance criteria. One analytical failure occurred: Total Uranium in water.

For the corrective actions associated with MRAD-24, refer to CARR 160519-1015 which is detailed in Table C-5.

Summary of Participation in the ERA PT Program

The ERA program provided samples (RAD-104, RAD-105, RAD-106 and QR030716U) for fifty-one (51) individual environmental analyses. Of the 51 analyses, 92.1% (47 out of 51) of all results fell within the PT provider's acceptance criteria. Isotope failures included: Cesium-137 and Strontium-89.

For the corrective actions associated with isotope failures refer to corrective actions CARR 160229-1005, and CARR 160830-1052 (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 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 2016. GEL has determined that causes of the failures did not impact any data reported to its clients.

Table C-1

2016 Inter-Laboratory Radiological Proficiency Testing Results and Acceptance Criteria

PT Provider	Quarter / Year	Report Received Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
EZA	4th/2015	2/18/2016	E11412	Cartridge	pCi	Iodine-131	7.73E+01	7.98E+01	0.97	Acceptable
EZA	4th/2015	2/18/2016	E11413	Milk	pCi/L	Strontium-89	9.41E+01	8.68E+01	1.08	Acceptable
EZA	4th/2015	2/18/2016	E11413	Milk	pCi/L	Strontium-90	9.74E+00	1.25E+01	0.78	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Iodine-131	1.01E+02	9.12E+01	1.11	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Cerium-141	1.36E+02	1.29E+02	1.06	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Chromium-51	2.79E+02	2.81E+02	0.99	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Cesium-134	1.45E+02	1.60E+02	0.91	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Cesium-137	1.15E+02	1.15E+02	1.00	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Cobalt-58	1.06E+02	1.10E+02	0.96	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Manganese-54	1.53E+02	1.45E+02	1.06	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Iron-59	1.19E+02	1.08E+02	1.10	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Zinc-65	2.69E+02	2.48E+02	1.08	Acceptable
EZA	4th/2015	2/18/2016	E11414	Milk	pCi/L	Cobalt-60	2.12E+02	2.13E+02	0.99	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Iodine-131	1.05E+02	9.26E+01	1.13	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Cerium-141	1.27E+02	1.12E+02	1.14	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Chromium-51	2.60E+02	2.44E+02	1.07	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Cesium-134	1.25E+02	1.39E+02	0.90	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Cesium-137	1.12E+02	9.95E+01	1.13	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Cobalt-58	9.73E+01	9.56E+01	1.02	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Manganese-54	1.41E+02	1.26E+02	1.12	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Iron-59	1.11E+02	9.34E+01	1.19	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Zinc-65	2.43E+02	2.15E+02	1.13	Acceptable
EZA	4th/2015	2/18/2016	E11415	Water	pCi/L	Cobalt-60	1.92E+02	1.85E+02	1.04	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Barium-133	94.1	90.5	76.2 - 99.6	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Cesium-134	24.0	23.2	17.7 - 25.9	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Cesium-137	72.6	59.1	53.2 - 67.8	Not Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Cobalt-60	85.3	83.4	75.1 - 94.1	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Zinc-65	118	102	91.8 - 122	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Gross Alpha	91.1	72.8	38.3 - 89.7	Not Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Gross Alpha	92.1	72.8	38.3 - 89.7	Not Acceptable

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ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Gross Beta	20.0	17.8	10.2 - 26.0	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Radium-226	11.0	10.0	7.49 - 11.7	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Radium-226	11.6	10.0	7.49 - 11.7	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Radium-226	10.7	10.0	7.49 - 11.7	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Radium-228	1.99	2.21	1.02 - 3.52	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Radium-228	2.20	2.21	1.02 - 3.52	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Radium-228	1.99	2.21	1.02 - 3.52	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Uranium (Nat)	66.9	67.1	54.6 - 74.4	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Uranium (Nat)	65.5	67.1	54.6 - 74.4	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	µg/L	Uranium (Nat) mass	99.9	97.9	79.7 - 109	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Tritium	11700	12100	10500 - 13300	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Strontium-89	55.8	68.0	55.4 - 76.2	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Strontium-90	44.7	43.4	32.0 - 49.8	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Iodine-131	24.6	25.1	20.8 - 29.7	Acceptable
ERA	1st / 2016	2/25/2016	RAD-104	Water	pCi/L	Iodine-131	24.2	25.1	20.8 - 29.7	Acceptable
ERA	1st / 2016	3/14/2016	QR030716U	Water	pCi/L	Cesium-137	156	157	141-175	Acceptable
EZA	1st/2016	05/16/15	E11445	Cartridge	pCi	Iodine-131	9.39E+01	8.86E+01	1.06	Acceptable
EZA	1st/2016	05/16/15	E11446	Milk	pCi/L	Strontium-89	8.16E+01	8.67E+01	0.94	Acceptable
EZA	1st/2016	05/16/15	E11446	Milk	pCi/L	Strontium-90	1.08E+01	1.14E+01	0.95	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Iodine-131	9.41E+01	8.22E+01	1.15	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Cerium-141	1.05E+02	9.84E+01	1.07	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Chromium-51	2.69E+02	2.43E+02	1.11	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Cesium-134	1.13E+02	1.30E+02	0.87	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Cesium-137	1.64E+02	1.61E+02	1.02	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Cobalt-58	1.16E+02	1.17E+02	0.99	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Manganese-54	1.24E+02	1.17E+02	1.06	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Iron-59	1.47E+02	1.31E+02	1.12	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Zinc-65	1.98E+02	1.79E+02	1.11	Acceptable
EZA	1st/2016	05/16/15	E11447	Milk	pCi/L	Cobalt-60	2.59E+02	2.44E+02	1.06	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Iodine-131	9.92E+01	9.67E+01	1.03	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Cerium-141	1.40E+02	1.39E+02	1.01	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Chromium-51	3.95E+02	3.66E+02	1.08	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Cesium-134	1.12E+02	1.26E+02	0.89	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Cesium-137	1.69E+02	1.67E+02	1.01	Acceptable

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EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Cobalt-58	1.78E+02	1.80E+02	0.99	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Manganese-54	1.66E+02	1.59E+02	1.05	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Iron-59	2.14E+02	1.95E+02	1.01	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Zinc-65	3.25E+02	2.99E+02	1.09	Acceptable
EZA	1st/2016	05/16/15	E11448	Water	pCi/L	Cobalt-60	3.23E+02	3.28E+02	0.98	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Niobium-95	4.01E+03	3.62E+03	1.11	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Zirconium-95	9.79E+03	9.48E+03	1.03	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Tc-99M	1.34E+03	1.32E+03	1.02	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Ruthenium-103	6.33E+03	6.23E+03	1.02	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Iodine-131	4.64E+03	4.83E+03	0.96	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Iodine-132	1.39E+03	1.62E+03	0.86	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Tellurium-132	1.81E+03	1.50E+03	1.21	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Cesium-137	7.79E+01	7.31E+01	1.07	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Barium-140	1.89E+04	1.85E+04	1.02	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Lanthanum-140	2.11E+04	2.06E+04	1.03	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Cerium-141	1.43E+04	1.39E+04	1.03	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Cerium-144	2.20E+03	2.08E+03	1.06	Acceptable
EZA	1st/2016	05/16/15	E11449	Water	pCi/L	Neodymium-147	6.40E+03	6.19E+03	1.03	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-GrF34	Filter	Bq/sample	Gross Alpha	1.41	1.20	0.36-2.04	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-GrF34	Filter	Bq/sample	Gross Beta	0.897	0.790	0.40-1.19	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Americium-241	111	103.0	72-134	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Cesium-134	953	1030	721-1339	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Cesium-137	2.57		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Cobalt-57	1030.000	992	694-1290	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Cobalt-60	1270	1190	833-1547	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Iron-55	197	428	300-556	Not Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Manganese-54	1230	1160	812-1508	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Nickel-63	1240	1250	875-1625	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Plutonium-238	60.1	63.6	44.5-82.7	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Plutonium-239/240	1.15	0.21	Sens. Eval.	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Potassium-40	680	607	425-789	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Strontium-90	-3.40		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Technetium-99	32		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	U-234/233	49.0	45.9	32.1-59.7	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Uranium-238	143	146	102-190	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaS34	Soil	Bq/Kg	Zinc-65	785.0	692	484-900	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Americium-241	0.0113		False Pos Test	Acceptable

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MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Cesium-134	15.0	16.1	11.3 - 20.9	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Cesium-137	21.8	21.2	14.8 - 27.6	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Cobalt-57	0.000		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Cobalt-60	12.2	11.8	8.3 - 15.3	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Hydrogen-3	0.878		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Iron-55	18.3	16.2	11.3 - 21.1	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Manganese-54	11.4	11.1	7.8 - 14.4	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Nickel-63	12.0	12.3	8.6 - 16.0	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Plutonium-238	1.14	1.244	0.871 - 1.617	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Plutonium-239/240	0.586	0.641	0.449 - 0.833	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Potassium-40	272	251	176 - 326	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Radium-226	1.45	0.718	0.503 - 0.933	Not Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Strontium-90	7.12	8.74	6.12 - 11.36	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Technetium-99	0.0453		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Uranium-234/233	1.37	1.48	1.04 - 1.92	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Uranium-238	1.43	1.53	1.07 - 1.99	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-GrW34	Water	Bq/L	Zinc-65	14.3	13.6	9.5 - 17.7	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Gross Alpha	0.957	0.67	0.202-1.144	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-XaW34	Water	Bq/L	Gross Beta	2.390	2.150	1.08-3.23	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-MaW34	Water	Bq/L	Iodine-129	4.00	3.85	2.70-5.01	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	ug/sample	Uranium-235	0.091	0.101	0.071 - 0.131	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	ug/sample	Uranium-238	13.9	13.8	9.7 - 17.9	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	ug/sample	Uranium-Total	14.0	13.9	9.7 - 18.1	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Americium-241	0.0751	0.0805	0.0564 - 0.1047	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Cesium-134	-0.0349		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Cesium-137	2.37	2.30	1.61 - 2.99	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Cobalt-57	3	2.94	2.06 - 3.82	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Cobalt-60	4.17	4.02	2.81 - 5.23	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Manganese-54	4.60	4.53	3.17 - 5.89	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Plutonium-238	0.0593	0.0637	0.0446 - 0.0828	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Plutonium-239/240	0.0889	0.099	0.069 - 0.129	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Strontium-90	1.01	1.38	0.97 - 1.79	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Uranium-234/233	0.170	0.165	0.116 - 0.215	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Uranium-238	0.179	0.172	0.120 - 0.224	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-RdF34	Filter	Bq/sample	Zinc-65	3.52	3.57	2.50 - 4.64	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Americium-241	0.101	0.089	0.062 - 0.116	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Cesium-134	9.49	10.62	7.43 - 13.81	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Cesium-137	5.50	5.62	3.93 - 7.31	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Cobalt-57	12.0	11.8	8.3 - 15.3	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Cobalt-60	-0.0339		False Pos Test	Acceptable

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MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Manganese-54	-0.00655		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Plutonium-238	0.0929	0.105	0.074 - 0.137	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Plutonium-239/240	0.0801	0.092	0.064 - 0.120	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Strontium-90	-0.00648		False Pos Test	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Uranium-234/233	0.204	0.196	0.137 - 0.255	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Uranium-238	0.225	0.204	0.143 - 0.265	Acceptable
MAPEP	2nd/2016	06/02/16	MAPEP-16-Rv34	Vegetation	Bq/sample	Zinc-65	10.3	9.6	6.7 - 12.5	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Actinium-228	1320	1240	795 - 1720	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Americium-241	1410	1360	796 - 1770	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Bismuth-212	1220	1240	330 - 1820	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Bismuth-214	4130	3530	2130 - 5080	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Cesium-134	3500	3450	2260 - 4140	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Cesium-137	4510	4310	3300 - 5550	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Cobalt-60	5760	5490	3710 - 7560	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Lead-212	1360	1240	812 - 1730	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Lead-214	4590	3710	2170 - 5530	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Manganese-54	<54.7	<1000	<1000	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Plutonium-238	585	658	396 - 908	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Plutonium-239	477	496	324 - 685	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Potassium-40	10900	10600	7740 - 14200	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Strontium-90	7120	8560	3260 - 13500	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Thorium-234	3590	3430	1080 - 6450	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-234	3940	3460	2110 - 4430	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-234	2334	3460	2110 - 4430	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-234	3460	3460	2110 - 4430	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-238	3540	3430	2120 - 4350	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-238	2757	3430	2120 - 4350	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-238	3340	3430	2120 - 4350	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-Total	7428	7050	3820 - 9300	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-Total	5091	7050	3820 - 9300	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Uranium-Total	7214	7050	3820 - 9300	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	µg/kg	Uranium-Total (mass)	10600	10300	5680 - 13000	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	µg/kg	Uranium-Total (mass)	9790	10300	5680 - 13000	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	µg/kg	Uranium-Total (mass)	8450	10300	5680 - 13000	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	µg/kg	Uranium-Total (mass)	9370	10300	5680 - 13000	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	µg/kg	Uranium-Total (mass)	9790	10300	5680 - 13000	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Soil	pCi/kg	Zinc-65	2730	2450	1950 - 3260	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Americium-241	2240	2120	1300 - 2820	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Cesium-134	1070	1070	687 - 1390	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Cesium-137	941	838	608 - 1170	Acceptable

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ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Cobalt-60	1300	1100	759 - 1540	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Curium-244	1310	1560	764 - 2430	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Manganese-54	<34.1	<300	<300	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Plutonium-238	2620	2810	1680 - 3850	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Plutonium-239	3360	3640	2230 - 5010	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Potassium-40	38100	31000	22400 - 43500	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Strontium-90	8370	8710	4960 - 11500	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Uranium-234	4320	4160	2740 - 5340	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Uranium-238	4430	4120	2750 - 5230	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Uranium-Total	9040	8470	5740 - 10500	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	µg/kg	Uranium-Total (mass)	12500	12400	8310 - 15700	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	µg/kg	Uranium-Total (mass)	13300	12400	8310 - 15700	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Vegetation	pCi/kg	Zinc-65	3700	2820	2030 - 3960	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Americium-241	44.2	45.9	28.3 - 62.1	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Cesium-134	254	304	193 - 377	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Cesium-137	1060	1150	864 - 1510	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Cobalt-60	576	623	482 - 778	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Iron-55	94.9	126	39.1 - 246	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Manganese-54	<3.61	<50.0	<50.0	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Plutonium-238	60.8	70.5	48.3 - 92.7	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Plutonium-239	46.9	54.8	39.7 - 71.6	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Strontium-90	141	150	73.3 - 225	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Uranium-234	63.1	64.8	40.2 - 97.7	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Uranium-234	54.2	64.8	40.2 - 97.7	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Uranium-238	51.4	64.2	41.5 - 88.8	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Uranium-238	56.9	64.2	41.5 - 88.8	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Uranium-Total	117	132	73.1 - 201	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Uranium-Total	114	132	73.1 - 201	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	µg/Filter	Uranium-Total (mass)	156	192	123 - 270	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	µg/Filter	Uranium-Total (mass)	171	192	123 - 270	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	µg/Filter	Uranium-Total (mass)	154	192	123 - 270	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	µg/Filter	Uranium-Total (mass)	156	192	123 - 270	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Zinc-65	358	356	255 - 492	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Gross Alpha	79.5	70.1	23.5 - 109	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Gross Beta	63.5	54.4	34.4 - 79.3	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Filter	pCi/Filter	Gross Beta	63.5	54.4	34.4 - 79.3	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Americium-241	134	121	81.5 - 162	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Cesium-134	813	842	618 - 968	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Cesium-137	1110	1100	934 - 1320	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Cobalt-60	1090	1050	912 - 1230	Acceptable

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ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Iron-55	1630	1650	984 - 2240	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Manganese-54	<6.38	<100	<100	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Plutonium-238	126	138	102 - 172	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Plutonium-239	88.2	98.7	76.6 - 124	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Strontium-90	472	434	283 - 574	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-234	59.3	52.7	39.6 - 68.0	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-234	49.9	52.7	39.6 - 68.0	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-234	49.8	52.7	39.6 - 68.0	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-238	54.1	52.3	39.9 - 64.2	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-238	53.7	52.3	39.9 - 64.2	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-238	49.1	52.3	39.9 - 64.2	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-Total	110.7	107	78.6 - 138	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-Total	158	107	78.6 - 138	Not Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-Total	106.4	107	78.6 - 138	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Uranium-Total	103.9	107	78.6 - 138	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	µg/L	Uranium-Total (mass)	160.9	157	125 - 190	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	µg/L	Uranium-Total (mass)	147	157	125 - 190	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	µg/L	Uranium-Total (mass)	161	157	125 - 190	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Zinc-65	1130	1010	842 - 1270	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Gross Alpha	160	117	41.5 - 181	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Gross Beta	79.3	75.5	43.2 - 112	Acceptable
ERA	2nd/2016	05/13/16	MRAD-24	Water	pCi/L	Tritium	8470	8650	5800 - 12300	Acceptable
ERA	2nd/2016	05/23/16	RAD-105	Water	pCi/L	Cesium-137	81.5	78.4	70.6 - 88.9	Acceptable
ERA	2nd/2016	05/23/16	RAD-105	Water	pCi/L	Gross Alpha	72.6	62.7	32.9 - 77.8	Acceptable
ERA	2nd/2016	05/23/16	RAD-105	Water	pCi/L	Gross Alpha	74	62.7	32.9 - 77.8	Acceptable
ERA	2nd/2016	05/23/16	RAD-105	Water	pCi/L	Iodine-131	27.9	26.6	22.1 - 31.3	Acceptable
EZA	2nd/2016	07/27/16	E11573	Cartridge	pCi	Iodine-131	9.52E+01	8.94E+01	1.07	Acceptable
EZA	2nd/2016	07/27/16	E11574	Milk	pCi/L	Strontium-89	8.51E+01	9.44E+01	0.90	Acceptable
EZA	2nd/2016	07/27/16	E11574	Milk	pCi/L	Strontium-90	9.49E+01	1.54E+02	0.62	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Iodine-131	9.77E+01	9.45E+01	1.03	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Cerium-141	1.46E+02	1.39E+02	1.05	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Chromium-51	2.53E+02	2.76E+02	0.92	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Cesium-134	1.62E+02	1.74E+02	0.93	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Cesium-137	1.20E+02	1.20E+02	1.00	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Cobalt-58	1.39E+02	1.42E+02	0.98	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Manganese-54	1.26E+02	1.25E+02	1.00	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Iron-59	1.25E+02	1.22E+02	1.03	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Zinc-65	2.47E+02	2.35E+02	1.05	Acceptable
EZA	2nd/2016	07/27/16	E11575	Milk	pCi/L	Cobalt-60	1.72E+02	1.73E+02	1.00	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Iodine-131	1.02E+02	9.67E+01	1.05	Acceptable

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EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Cerium-141	1.56E+02	1.47E+02	1.06	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Chromium-51	3.33E+02	2.92E+02	1.14	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Cesium-134	1.65E+02	1.85E+02	0.89	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Cesium-137	1.34E+02	1.28E+02	1.05	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Cobalt-58	1.47E+02	1.51E+02	0.98	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Manganese-54	1.45E+02	1.33E+02	1.09	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Iron-59	1.54E+02	1.29E+02	1.19	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Zinc-65	2.72E+02	2.49E+02	1.09	Acceptable
EZA	2nd/2016	07/27/16	E11576	Water	pCi/L	Cobalt-60	1.99E+02	1.83E+02	1.09	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Barium-133	86.2	82.9	69.7 - 91.2	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Cesium-134	62.3	65.3	53.1 - 71.8	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Cesium-137	99.3	95.2	85.7 - 107	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Cobalt-60	123	117	105 - 131	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Zinc-65	118	113	102 - 134	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Gross Alpha	42.5	48.1	25.0 - 60.5	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Gross Alpha	48.7	48.1	25.0 - 60.5	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Gross Beta	27.3	28.6	18.2 - 36.4	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Radium-226	10.4	12.3	9.18 - 14.2	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Radium-226	10	12.3	9.18 - 14.2	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Radium-226	11.3	12.3	9.18 - 14.2	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Radium-228	5.89	5.75	3.51 - 7.57	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Radium-228	5.53	5.75	3.51 - 7.57	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Uranium (Nat)	36.4	35.2	28.4 - 39.3	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Uranium (Nat)	34.2	35.2	28.4 - 39.3	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	µg/L	Uranium (Nat) mass	51.1	51.3	41.4 - 57.3	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	µg/L	Uranium (Nat) mass	55.6	51.3	41.4 - 57.3	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Tritium	11600	12400	10800 - 13600	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Strontium-89	56.9	53.3	42.3 - 60.9	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Strontium-89	62.8	53.3	42.3 - 60.9	Not Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Strontium-90	39.1	39.2	28.8 - 45.1	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Strontium-90	35.1	39.2	28.8 - 45.1	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Iodine-131	27.3	24.9	20.7 - 29.5	Acceptable
ERA	3rd / 2016	08/30/16	RAD - 106	Water	pCi/L	Iodine-131	25.2	24.9	20.7 - 29.5	Acceptable
EZA	3rd/2016	11/28/16	E11605	Cartridge	pCi	Iodine-131	6.33E+01	6.01E+01	1.05	Acceptable
EZA	3rd/2016	11/28/16	E11606	Milk	pCi/L	Strontium-89	7.60E+01	9.09E+01	0.84	Acceptable
EZA	3rd/2016	11/28/16	E11606	Milk	pCi/L	Strontium-90	1.17E+01	1.37E+01	0.85	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Iodine-131	7.53E+01	7.19E+01	1.05	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Cerium-141	9.85E+01	9.32E+01	1.06	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Chromium-51	2.63E+02	2.36E+02	1.12	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Cesium-134	1.21E+02	1.36E+02	0.89	Acceptable

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EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Cesium-137	1.19E+02	1.19E+02	1.00	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Cobalt-58	9.56E+01	9.74E+01	0.98	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Manganese-54	1.61E+02	1.52E+02	1.06	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Iron-59	9.00E+01	9.06E+01	0.99	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Zinc-65	2.11E+02	1.79E+02	1.18	Acceptable
EZA	3rd/2016	11/28/16	E11607	Milk	pCi/L	Cobalt-60	1.44E+02	1.35E+02	1.07	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Iodine-131	5.53E+01	4.90E+01	1.13	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Cerium-141	9.49E+01	8.52E+01	1.11	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Chromium-51	2.03E+02	2.15E+02	0.95	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Cesium-134	1.20E+02	1.24E+02	0.97	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Cesium-137	1.15E+02	1.08E+02	1.06	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Cobalt-58	9.54E+01	8.90E+01	1.07	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Manganese-54	1.47E+02	1.39E+02	1.06	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Iron-59	8.73E+01	8.28E+01	1.05	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Zinc-65	1.79E+02	1.63E+02	1.10	Acceptable
EZA	3rd/2016	11/28/16	E11068	Water	pCi/L	Cobalt-60	1.26E+02	1.23E+02	1.02	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Americium-241	-0.563	0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Cesium-134	3.74	0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Cesium-137	1180	1067	747-1387	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Cobalt-57	1220	1190	833-1547	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Cobalt-60	889	851	596-1106	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Iron-55	-337	0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Manganese-54	2.50	0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Nickel-63	1090	990	693-1287	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Plutonium-238	69.0	70.4	49.3-91.5	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Plutonium-239/240	46.8	53.8	37.7-69.9	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Potassium-40	619	588	412-764	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Strontium-90	770	894	626-1162	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Technetium-99	548	556	389-723	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	U-234/233	122	122	85-159	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Uranium-238	122	121	85-157	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaS35	Soil	Bq/Kg	Zinc-65	775.0	695	487-904	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Americium-241	0.725	0.814	0.570-1.058	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Cesium-134	22.20	23.9	16.7-31.1	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Cesium-137	-0.089	0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Cobalt-57	27.6	27.3	19.1-35.5	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Cobalt-60	-0.001	0.0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Hydrogen-3	337	334	151-281	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Iron-55	22.3	21.5	15.1-28.0	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Manganese-54	14.7	14.8	10.4-19.2	Acceptable

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MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Nickel-63	17.0	17.2	12.0-22.4	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Plutonium-238	1.09	1.13	0.79-1.47	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Plutonium-239/240	0.024	0.013	Sens. Eval.	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Potassium-40	275	252	176-328	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Radium-226	1.02	1.33	0.93-1.73	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Strontium-90	-0.00289	0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Technetium-99	10.90	11.60	8.1-15.1	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Uranium-234/233	1.85	1.86	1.30-2.42	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Uranium-238	1.890	1.920	1.34-2.50	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-MaW35	Water	Bq/L	Zinc-65	17.5	17.4	12.2-22.6	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-XaW35	Alk. Water	Bq/L	Iodine-129	0.425	0.429	0.129-0.729	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	ug/sample	Uranium-235	0.0915	0.0903	0.0632-0.1174	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	ug/sample	Uranium-238	13.0	12.5	8.8-16.3	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	ug/sample	Uranium-Total	13.60	12.6	8.8-16.4	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	ug/sample	Americium-241	-0.000067	0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Cesium-134	1.7500	2.04	1.43-2.65	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Cesium-137	1.89	1.78	1.25-2.31	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Cobalt-57	2.48	2.48	1.74-3.22	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Cobalt-60	3.30	3.26	2.28-4.24	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Manganese-54	2.87	2.75	1.93-3.58	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Plutonium-238	0.0694	0.0693	0.0485-0.0901	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Plutonium-239/240	0.0508	0.0535	0.0375-0.0696	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Strontium-90	0.726	1.03	0.72-1.34	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Uranium-234/233	0.150	0.150	0.105-0.195	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Uranium-238	0.152	0.156	0.109-0.203	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdF35	Filter	Bq/sample	Zinc-65	0.0232	0	False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Americium-241	0.052	0.062	0.076-0.140	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Cesium-134	0.0307		False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Cesium-137	5.8100	5.51	3.88-7.20	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Cobalt-57	6.920	6.81	4.77-8.85	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Cobalt-60	4.950	4.86	3.40-6.32	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Manganese-54	7.800	7.27	5.09-9.45	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Plutonium-238	0.078300	0.0820	0.57-0.107	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Plutonium-239/240	0.00151		False Pos Test	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Strontium-90	0.575	0.80	0.56-1.04	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Uranium-234/233	0.114	0.117	0.082-0.152	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Uranium-238	0.125	0.122	0.085-0.159	Acceptable
MAPEP	4th/2016	12/02/16	MAPEP-16-RdV35	Vegetation	Bq/sample	Zinc-65	5.870	5.40	3.78-7.02	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Actinium-228	1140	1170	750 - 1620	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Americium-241	1040	878	514 - 1140	Acceptable

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ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Bismuth-212	1500	1280	341 - 1880	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Bismuth-214	1350	1230	741 - 1770	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Cesium-134	5450	5470	3580 - 6570	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Cesium-137	7230	6700	5130 - 8620	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Cobalt-60	8490	8020	5420 - 11000	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Lead-212	1230	1200	786 - 1670	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Lead-214	1460	1280	747 - 1910	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Manganese-54	<51.2	<1000	<1000	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Plutonium-238	587	647	389 - 893	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Plutonium-239	561	525	343 - 725	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Potassium-40	11000	10600	7740 - 14200	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Strontium-90	3740	4540	1730 - 7170	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Thorium-234	2120	1750	553 - 3290	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-234	1650	1760	1080 - 2260	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-234	1230	1760	1080 - 2260	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-234	2220	1760	1080 - 2260	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-238	1630	1750	1080 - 2220	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-238	1290	1750	1080 - 2220	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-238	1550	1750	1080 - 2220	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-Total	3910	3590	1950 - 4740	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-Total	3310	3590	1950 - 4740	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-Total	2520	3590	1950 - 4740	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Uranium-Total	3930	3590	1950 - 4740	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	µg/kg	Uranium-Total (mass)	4890	5240	2890 - 6590	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	µg/kg	Uranium-Total (mass)	5840	5240	2890 - 6590	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	µg/kg	Uranium-Total (mass)	3780	5240	2890 - 6590	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	µg/kg	Uranium-Total (mass)	4670	5240	2890 - 6590	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Soil	pCi/kg	Zinc-65	3310	2920	2330 - 3880	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Americium-241	1590	1530	935 - 2030	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Cesium-134	1640	1690	1090 - 2200	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Cesium-137	1170	1030	747 - 1430	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Cobalt-60	1680	1560	1080 - 2180	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Curium-244	496	530	260 - 826	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Manganese-54	<29.6	<300	<300	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Plutonium-238	1440	1330	793 - 1820	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Plutonium-239	1230	1100	675 - 1510	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Potassium-40	31400	30900	22300 - 43400	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Strontium-90	4290	4670	2660 - 6190	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Uranium-234	3730	3110	2040 - 3990	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Uranium-234	3430	3110	2040 - 3990	Acceptable

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ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Uranium-238	3490	3090	2060 - 3930	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Uranium-238	3370	3090	2060 - 3930	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Uranium-Total	7248	6340	4300 - 7890	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Uranium-Total	6680	6340	4300 - 7890	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Uranium-Total	7190	6340	4300 - 7890	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Uranium-Total	6680	6340	4300 - 7890	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	µg/kg	Uranium-Total (mass)	9980	9250	6200 - 11700	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	µg/kg	Uranium-Total (mass)	10500	9250	6200 - 11700	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	µg/kg	Uranium-Total (mass)	10100	9250	6200 - 11700	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Vegetation	pCi/kg	Zinc-65	2090	1690	1220 - 2370	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Americium-241	44	42.3	26.1 - 57.2	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Cesium-134	614	614	391 - 762	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Cesium-137	1280	1170	879 - 1540	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Cobalt-60	950	900	696 - 1120	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Iron-55	232	248	76.9 - 485	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Manganese-54	<4.55	<50.0	<50.0	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Plutonium-238	54.5	61.9	42.4 - 81.4	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Plutonium-239	54.8	59.7	43.2 - 78.0	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Strontium-90	97.4	101	49.4 - 151	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Uranium-234	30.3	29.2	18.1 - 44.0	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Uranium-234	30.9	29.2	18.1 - 44.0	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Uranium-238	27.9	28.9	18.7 - 40.0	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Uranium-238	29.4	28.9	18.7 - 40.0	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Uranium-Total	54.1	59.5	32.9 - 90.5	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Uranium-Total	61.5	59.5	32.9 - 90.5	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Uranium-Total	60	59.5	32.9 - 90.5	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	µg/Filter	Uranium-Total (mass)	83.7	86.7	55.5 - 122	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	µg/Filter	Uranium-Total (mass)	80.7	86.7	55.5 - 122	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	µg/Filter	Uranium-Total (mass)	88.3	86.7	55.5 - 122	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Zinc-65	1330	1150	824 - 1590	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Gross Alpha	79.6	71.2	23.9 - 111	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Filter	pCi/Filter	Gross Beta	71.7	60.3	38.1 - 87.9	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Americium-241	58.6	56.2	37.9 - 75.4	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Cesium-134	1190	1260	925 - 1450	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Cesium-137	1030	987	838 - 1180	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Cobalt-60	1990	1960	1700 - 2290	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Iron-55	228	245	146 - 332	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Manganese-54	<5.09	<100	<100	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Plutonium-238	85.6	112	82.9 - 139	Acceptable

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ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Plutonium-239	125	157	122 - 198	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Strontium-90	658	751	489 - 993	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Uranium-234	106	105	78.9 - 135	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Uranium-234	108	105	78.9 - 135	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Uranium-234	103	105	78.9 - 135	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Uranium-238	98.4	104	79.3 - 128	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Uranium-Total	209	213	157 - 275	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Uranium-Total	225	213	157 - 275	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Uranium-Total	214	213	157 - 275	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Uranium-Total	211	213	157 - 275	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	µg/L	Uranium-Total (mass)	295	311	248 - 376	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	µg/L	Uranium-Total (mass)	317	311	248 - 376	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	µg/L	Uranium-Total (mass)	336	311	248 - 376	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	µg/L	Uranium-Total (mass)	312	311	248 - 376	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Zinc-65	807	724	604 - 913	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Gross Alpha	207	165	58.6 - 256	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Gross Beta	119	130	74.4 - 193	Acceptable
ERA	4th/2016	11/23/16	MRAD-25	Water	pCi/L	Tritium	9210	10100	6770 - 14400	Acceptable
EZA	4th/2016	02/21/17	E11674	Cartridge	pCi	Iodine-131	9.60E+01	9.67E+01	0.99	Acceptable
EZA	4th/2016	02/21/17	E11675	Milk	pCi/L	Strontium-89	7.86E+01	7.42E+01	1.06	Acceptable
EZA	4th/2016	02/21/17	E11675	Milk	pCi/L	Strontium-90	7.50E+00	1.00E+01	0.75	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Iodine-131	1.08E+02	9.74E+01	1.11	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Cerium-141	1.55E+02	1.43E+02	1.09	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Chromium-51	3.29E+02	2.80E+02	1.18	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Cesium-134	1.67E+02	1.78E+02	0.94	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Cesium-137	1.43E+02	1.26E+02	1.13	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Cobalt-58	1.54E+02	1.46E+02	1.05	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Manganese-54	1.46E+02	1.29E+02	1.13	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Iron-59	1.45E+02	1.25E+02	1.16	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Zinc-65	2.68E+02	2.44E+02	1.10	Acceptable
EZA	4th/2016	02/21/17	E11676	Milk	pCi/L	Cobalt-60	1.87E+02	1.78E+02	1.05	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Iodine-131	1.06E+02	9.18E+01	1.15	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Cerium-141	1.47E+02	1.38E+02	1.06	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Chromium-51	3.03E+02	2.71E+02	1.12	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Cesium-134	1.59E+02	1.73E+02	0.92	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Cesium-137	1.38E+02	1.22E+02	1.13	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Cobalt-58	1.49E+02	1.42E+02	1.05	Acceptable

PT Provider	Quarter / Year	Report Received Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Manganese-54	1.35E+02	1.25E+02	1.08	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Iron-59	1.35E+02	1.21E+02	1.12	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Zinc-65	2.61E+02	2.36E+02	1.10	Acceptable
EZA	4th/2016	02/21/17	E11677	Water	pCi/L	Cobalt-60	1.76E+02	1.72E+02	1.02	Acceptable

Table C-2

2016 Eckert & Ziegler Analytics Performance Evaluation Results

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
2/18/2016	E11412	Cartridge	pCi	Iodine-131	7.73E+01	7.98E+01	0.97	Acceptable
2/18/2016	E11413	Milk	pCi/L	Strontium-89	9.41E+01	8.68E+01	1.08	Acceptable
2/18/2016	E11413	Milk	pCi/L	Strontium-90	9.74E+00	1.25E+01	0.78	Acceptable
2/18/2016	E11414	Milk	pCi/L	Iodine-131	1.01E+02	9.12E+01	1.11	Acceptable
2/18/2016	E11414	Milk	pCi/L	Cerium-141	1.36E+02	1.29E+02	1.06	Acceptable
2/18/2016	E11414	Milk	pCi/L	Chromium-51	2.79E+02	2.81E+02	0.99	Acceptable
2/18/2016	E11414	Milk	pCi/L	Cesium-134	1.45E+02	1.60E+02	0.91	Acceptable
2/18/2016	E11414	Milk	pCi/L	Cesium-137	1.15E+02	1.15E+02	1.00	Acceptable
2/18/2016	E11414	Milk	pCi/L	Cobalt-58	1.06E+02	1.10E+02	0.96	Acceptable
2/18/2016	E11414	Milk	pCi/L	Manganese-54	1.53E+02	1.45E+02	1.06	Acceptable
2/18/2016	E11414	Milk	pCi/L	Iron-59	1.19E+02	1.08E+02	1.10	Acceptable
2/18/2016	E11414	Milk	pCi/L	Zinc-65	2.69E+02	2.48E+02	1.08	Acceptable
2/18/2016	E11414	Milk	pCi/L	Cobalt-60	2.12E+02	2.13E+02	0.99	Acceptable
2/18/2016	E11415	Water	pCi/L	Iodine-131	1.05E+02	9.26E+01	1.13	Acceptable
2/18/2016	E11415	Water	pCi/L	Cerium-141	1.27E+02	1.12E+02	1.14	Acceptable
2/18/2016	E11415	Water	pCi/L	Chromium-51	2.60E+02	2.44E+02	1.07	Acceptable
2/18/2016	E11415	Water	pCi/L	Cesium-134	1.25E+02	1.39E+02	0.90	Acceptable
2/18/2016	E11415	Water	pCi/L	Cesium-137	1.12E+02	9.95E+01	1.13	Acceptable
2/18/2016	E11415	Water	pCi/L	Cobalt-58	9.73E+01	9.56E+01	1.02	Acceptable
2/18/2016	E11415	Water	pCi/L	Manganese-54	1.41E+02	1.26E+02	1.12	Acceptable
2/18/2016	E11415	Water	pCi/L	Iron-59	1.11E+02	9.34E+01	1.19	Acceptable
2/18/2016	E11415	Water	pCi/L	Zinc-65	2.43E+02	2.15E+02	1.13	Acceptable
2/18/2016	E11415	Water	pCi/L	Cobalt-60	1.92E+02	1.85E+02	1.04	Acceptable
05/16/15	E11445	Cartridge	pCi	Iodine-131	9.39E+01	8.86E+01	1.06	Acceptable
05/16/15	E11446	Milk	pCi/L	Strontium-89	8.16E+01	8.67E+01	0.94	Acceptable
05/16/15	E11446	Milk	pCi/L	Strontium-90	1.08E+01	1.14E+01	0.95	Acceptable
05/16/15	E11447	Milk	pCi/L	Iodine-131	9.41E+01	8.22E+01	1.15	Acceptable
05/16/15	E11447	Milk	pCi/L	Cerium-141	1.05E+02	9.84E+01	1.07	Acceptable
05/16/15	E11447	Milk	pCi/L	Chromium-51	2.69E+02	2.43E+02	1.11	Acceptable
05/16/15	E11447	Milk	pCi/L	Cesium-134	1.13E+02	1.30E+02	0.87	Acceptable
05/16/15	E11447	Milk	pCi/L	Cesium-137	1.64E+02	1.61E+02	1.02	Acceptable

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
05/16/15	E11447	Milk	pCi/L	Cobalt-58	1.16E+02	1.17E+02	0.99	Acceptable
05/16/15	E11447	Milk	pCi/L	Manganese-54	1.24E+02	1.17E+02	1.06	Acceptable
05/16/15	E11447	Milk	pCi/L	Iron-59	1.47E+02	1.31E+02	1.12	Acceptable
05/16/15	E11447	Milk	pCi/L	Zinc-65	1.98E+02	1.79E+02	1.11	Acceptable
05/16/15	E11447	Milk	pCi/L	Cobalt-60	2.59E+02	2.44E+02	1.06	Acceptable
05/16/15	E11448	Water	pCi/L	Iodine-131	9.92E+01	9.67E+01	1.03	Acceptable
05/16/15	E11448	Water	pCi/L	Cerium-141	1.40E+02	1.39E+02	1.01	Acceptable
05/16/15	E11448	Water	pCi/L	Chromium-51	3.95E+02	3.66E+02	1.08	Acceptable
05/16/15	E11448	Water	pCi/L	Cesium-134	1.12E+02	1.26E+02	0.89	Acceptable
05/16/15	E11448	Water	pCi/L	Cesium-137	1.69E+02	1.67E+02	1.01	Acceptable
05/16/15	E11448	Water	pCi/L	Cobalt-58	1.78E+02	1.80E+02	0.99	Acceptable
05/16/15	E11448	Water	pCi/L	Manganese-54	1.66E+02	1.59E+02	1.05	Acceptable
05/16/15	E11448	Water	pCi/L	Iron-59	2.14E+02	1.95E+02	1.01	Acceptable
05/16/15	E11448	Water	pCi/L	Zinc-65	3.25E+02	2.99E+02	1.09	Acceptable
05/16/15	E11448	Water	pCi/L	Cobalt-60	3.23E+02	3.28E+02	0.98	Acceptable
05/16/15	E11449	Water	pCi/L	Niobium-95	4.01E+03	3.62E+03	1.11	Acceptable
05/16/15	E11449	Water	pCi/L	Zirconium-95	9.79E+03	9.48E+03	1.03	Acceptable
05/16/15	E11449	Water	pCi/L	Tc-99M	1.34E+03	1.32E+03	1.02	Acceptable
05/16/15	E11449	Water	pCi/L	Ruthenium-103	6.33E+03	6.23E+03	1.02	Acceptable
05/16/15	E11449	Water	pCi/L	Iodine-131	4.64E+03	4.83E+03	0.96	Acceptable
05/16/15	E11449	Water	pCi/L	Iodine-132	1.39E+03	1.62E+03	0.86	Acceptable
05/16/15	E11449	Water	pCi/L	Tellurium-132	1.81E+03	1.50E+03	1.21	Acceptable
05/16/15	E11449	Water	pCi/L	Cesium-137	7.79E+01	7.31E+01	1.07	Acceptable
05/16/15	E11449	Water	pCi/L	Barium-140	1.89E+04	1.85E+04	1.02	Acceptable
05/16/15	E11449	Water	pCi/L	Lanthanum-140	2.11E+04	2.06E+04	1.03	Acceptable
05/16/15	E11449	Water	pCi/L	Cerium-141	1.43E+04	1.39E+04	1.03	Acceptable
05/16/15	E11449	Water	pCi/L	Cerium-144	2.20E+03	2.08E+03	1.06	Acceptable
05/16/15	E11449	Water	pCi/L	Neodymium-147	6.40E+03	6.19E+03	1.03	Acceptable
07/27/16	E11573	Cartridge	pCi	Iodine-131	9.52E+01	8.94E+01	1.07	Acceptable
07/27/16	E11574	Milk	pCi/L	Strontium-89	8.51E+01	9.44E+01	0.90	Acceptable
07/27/16	E11574	Milk	pCi/L	Strontium-90	9.49E+01	1.54E+01	0.62	Acceptable
07/27/16	E11575	Milk	pCi/L	Iodine-131	9.77E+01	9.45E+01	1.03	Acceptable
07/27/16	E11575	Milk	pCi/L	Cerium-141	1.46E+02	1.39E+02	1.05	Acceptable
07/27/16	E11575	Milk	pCi/L	Chromium-51	2.53E+02	2.76E+02	0.92	Acceptable
07/27/16	E11575	Milk	pCi/L	Cesium-134	1.62E+02	1.74E+02	0.93	Acceptable

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
07/27/16	E11575	Milk	pCi/L	Cesium-137	1.20E+02	1.20E+02	1.00	Acceptable
07/27/16	E11575	Milk	pCi/L	Cobalt-58	1.39E+02	1.42E+02	0.98	Acceptable
07/27/16	E11575	Milk	pCi/L	Manganese-54	1.26E+02	1.25E+02	1.00	Acceptable
07/27/16	E11575	Milk	pCi/L	Iron-59	1.25E+02	1.22E+02	1.03	Acceptable
07/27/16	E11575	Milk	pCi/L	Zinc-65	2.47E+02	2.35E+02	1.05	Acceptable
07/27/16	E11575	Milk	pCi/L	Cobalt-60	1.72E+02	1.73E+02	1.00	Acceptable
07/27/16	E11576	Water	pCi/L	Iodine-131	1.02E+02	9.67E+01	1.05	Acceptable
07/27/16	E11576	Water	pCi/L	Cerium-141	1.56E+02	1.47E+02	1.06	Acceptable
07/27/16	E11576	Water	pCi/L	Chromium-51	3.33E+02	2.92E+02	1.14	Acceptable
07/27/16	E11576	Water	pCi/L	Cesium-134	1.65E+02	1.85E+02	0.89	Acceptable
07/27/16	E11576	Water	pCi/L	Cesium-137	1.34E+02	1.28E+02	1.05	Acceptable
07/27/16	E11576	Water	pCi/L	Cobalt-58	1.47E+02	1.51E+02	0.98	Acceptable
07/27/16	E11576	Water	pCi/L	Manganese-54	1.45E+02	1.33E+02	1.09	Acceptable
07/27/16	E11576	Water	pCi/L	Iron-59	1.54E+02	1.29E+02	1.19	Acceptable
07/27/16	E11576	Water	pCi/L	Zinc-65	2.72E+02	2.49E+02	1.09	Acceptable
07/27/16	E11576	Water	pCi/L	Cobalt-60	1.99E+02	1.83E+02	1.09	Acceptable
11/28/16	E11605	Cartridge	pCi	Iodine-131	6.33E+01	6.01E+01	1.05	Acceptable
11/28/16	E11606	Milk	pCi/L	Strontium-89	7.60E+01	9.09E+01	0.84	Acceptable
11/28/16	E11606	Milk	pCi/L	Strontium-90	1.17E+01	1.37E+01	0.85	Acceptable
11/28/16	E11607	Milk	pCi/L	Iodine-131	7.53E+01	7.19E+01	1.05	Acceptable
11/28/16	E11607	Milk	pCi/L	Cerium-141	9.85E+01	9.32E+01	1.06	Acceptable
11/28/16	E11607	Milk	pCi/L	Chromium-51	2.63E+02	2.36E+02	1.12	Acceptable
11/28/16	E11607	Milk	pCi/L	Cesium-134	1.21E+02	1.36E+02	0.89	Acceptable
11/28/16	E11607	Milk	pCi/L	Cesium-137	1.19E+02	1.19E+02	1.00	Acceptable
11/28/16	E11607	Milk	pCi/L	Cobalt-58	9.56E+01	9.74E+01	0.98	Acceptable
11/28/16	E11607	Milk	pCi/L	Manganese-54	1.61E+02	1.52E+02	1.06	Acceptable
11/28/16	E11607	Milk	pCi/L	Iron-59	9.00E+01	9.06E+01	0.99	Acceptable
11/28/16	E11607	Milk	pCi/L	Zinc-65	2.11E+02	1.79E+02	1.18	Acceptable
11/28/16	E11607	Milk	pCi/L	Cobalt-60	1.44E+02	1.35E+02	1.07	Acceptable
11/28/16	E11068	Water	pCi/L	Iodine-131	5.53E+01	4.90E+01	1.13	Acceptable
11/28/16	E11068	Water	pCi/L	Cerium-141	9.49E+01	8.52E+01	1.11	Acceptable
11/28/16	E11068	Water	pCi/L	Chromium-51	2.03E+02	2.15E+02	0.95	Acceptable
11/28/16	E11068	Water	pCi/L	Cesium-134	1.20E+02	1.24E+02	0.97	Acceptable
11/28/16	E11068	Water	pCi/L	Cesium-137	1.15E+02	1.08E+02	1.06	Acceptable

Report Date	Sample Number	Sample Media	Unit	Analyte / Nuclide	GEL Value	Known value	Acceptance Range/ Ratio	Evaluation
11/28/16	E11068	Water	pCi/L	Cobalt-58	9.54E+01	8.90E+01	1.07	Acceptable
11/28/16	E11068	Water	pCi/L	Manganese-54	1.47E+02	1.39E+02	1.06	Acceptable
11/28/16	E11068	Water	pCi/L	Iron-59	8.73E+01	8.28E+01	1.05	Acceptable
11/28/16	E11068	Water	pCi/L	Zinc-65	1.79E+02	1.63E+02	1.10	Acceptable
11/28/16	E11068	Water	pCi/L	Cobalt-60	1.26E+02	1.23E+02	1.02	Acceptable
02/21/17	E11674	Cartridge	pCi	Iodine-131	9.60E+01	9.67E+01	0.99	Acceptable
02/21/17	E11675	Milk	pCi/L	Strontium-89	7.86E+01	7.42E+01	1.06	Acceptable
02/21/17	E11675	Milk	pCi/L	Strontium-90	7.50E+00	1.00E+01	0.75	Acceptable
02/21/17	E11676	Milk	pCi/L	Iodine-131	1.08E+02	9.74E+01	1.11	Acceptable
02/21/17	E11676	Milk	pCi/L	Cerium-141	1.55E+02	1.43E+02	1.09	Acceptable
02/21/17	E11676	Milk	pCi/L	Chromium-51	3.29E+02	2.80E+02	1.18	Acceptable
02/21/17	E11676	Milk	pCi/L	Cesium-134	1.67E+02	1.78E+02	0.94	Acceptable
02/21/17	E11676	Milk	pCi/L	Cesium-137	1.43E+02	1.26E+02	1.13	Acceptable
02/21/17	E11676	Milk	pCi/L	Cobalt-58	1.54E+02	1.46E+02	1.05	Acceptable
02/21/17	E11676	Milk	pCi/L	Manganese-54	1.46E+02	1.29E+02	1.13	Acceptable
02/21/17	E11676	Milk	pCi/L	Iron-59	1.45E+02	1.25E+02	1.16	Acceptable
02/21/17	E11676	Milk	pCi/L	Zinc-65	2.68E+02	2.44E+02	1.10	Acceptable
02/21/17	E11676	Milk	pCi/L	Cobalt-60	1.87E+02	1.78E+02	1.05	Acceptable
02/21/17	E11677	Water	pCi/L	Iodine-131	1.06E+02	9.18E+01	1.15	Acceptable
02/21/17	E11677	Water	pCi/L	Cerium-141	1.47E+02	1.38E+02	1.06	Acceptable
02/21/17	E11677	Water	pCi/L	Chromium-51	3.03E+02	2.71E+02	1.12	Acceptable
02/21/17	E11677	Water	pCi/L	Cesium-134	1.59E+02	1.73E+02	0.92	Acceptable
02/21/17	E11677	Water	pCi/L	Cesium-137	1.38E+02	1.22E+02	1.13	Acceptable
02/21/17	E11677	Water	pCi/L	Cobalt-58	1.49E+02	1.42E+02	1.05	Acceptable
02/21/17	E11677	Water	pCi/L	Manganese-54	1.35E+02	1.25E+02	1.08	Acceptable
02/21/17	E11677	Water	pCi/L	Iron-59	1.35E+02	1.21E+02	1.12	Acceptable
02/21/17	E11677	Water	pCi/L	Zinc-65	2.61E+02	2.36E+02	1.10	Acceptable
02/21/17	E11677	Water	pCi/L	Cobalt-60	1.76E+02	1.72E+02	1.02	Acceptable

Table C-3

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

REMP 2016	Bias Criteria (+ / - 25%)		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gamma Iodine-131	19	0	108	0
Gas Flow Sr 2nd count	38	0	43	0
Gas Flow Total Strontium	24	0	24	0
Gamma Spec Liquid RAD A-013 with Ba, La	60	0	105	0
SOLID				
LSC Iron-55	3	0	3	0
Gamma Spec Solid RAD A-013	15	0	19	0
LSC Nickel 63	3	0	3	0
Gas Flow Sr 2nd count	4	0	4	0
Gas Flow Total Strontium	3	0	3	0
Gamma Spec Solid RAD A-013 with Ba, La	5	0	9	0
Gamma Spec Solid RAD A-013 with Iodine	8	0	9	0
FILTER				
Gamma Spec Filter RAD A-013	3	0	3	0
Gas Flow Sr 2nd Count	5	0	5	0
Gross A & B	272	0	274	0
Gamma Spec Filter	31	0	34	0
LIQUID				
Alpha Spec Uranium	5	0	5	0
Tritium	171	0	173	0
LSC Iron-55	11	0	12	0
LSC Nickel 63	10	0	10	0
Gamma Spec Liquid RAD A-013	5	0	5	0
Gamma Iodine-131	21	0	21	0
Alpha Spec Plutonium	5	0	5	0
Gas Flow Sr 2nd count	8	0	8	0
Alpha Spec Am241 Curium	10	0	10	0
Gas Flow Total Strontium	24	0	23	0
Gross Alpha Non Vol Beta	32	0	35	0
Gamma Spec Liquid RAD A-013 with Ba, La	71	0	141	0
Gamma Spec Liquid RAD A-013 with Iodine	15	0	15	0
TISSUE				
Gamma Spec Solid RAD A-013	29	0	29	0
Gas Flow Sr 2nd count	9	0	9	0
Gas Flow Total Strontium	7	0	7	0
Gamma Spec Solid RAD A-013 with Iodine	11	0	11	0
SEA WATER				
LSC Iron-55	7	0	5	0
LSC Nickel 63	7	0	6	0

REMP 2016	Bias Criteria (+ / - 25%)		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Gas Flow Total Strontium	10	0	9	0
Gross Alpha Non Vol Beta	9	0	8	0
Gamma Spec Liquid RAD A-013 with Iodine	9	0	9	0
VEGETATION				
Gas Flow Sr 2nd count	7	0	7	0
Gamma Spec Solid RAD A-013 with Iodine	78	0	82	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	369	0	419	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	28	0	28	0
DRINKING WATER				
Tritium	35	0	33	0
LSC Iron-55	11	0	12	0
LSC Nickel 63	11	0	12	0
Gamma Iodine-131	26	0	26	0
Gas Flow Sr 2nd count	12	0	12	0
Gas Flow Total Strontium	10	0	12	0
Gross Alpha Non Vol Beta	67	0	67	0
Gamma Spec Liquid RAD A-013 with Ba, La	21	0	71	0
Total	**1654**		**1983**	

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

Total Radiological 2016	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
MILK				
Gamma Spec Liquid RAD A-013	3	0	3	0
Gamma Iodine-131	19	0	108	0
Gas Flow Sr 2nd count	38	0	43	0
Gas Flow Total Strontium	24	0	24	0
Gamma Spec Liquid RAD A-013 with Ba, La	60	0	105	0
Gamma Spec Liquid RAD A-013 with Iodine	2	0	3	0
SOLID				
Gas Flow Radium 228	75	0	79	0
Tritium	257	0	294	0
Carbon-14	164	0	218	0
LSC Iron-55	109	0	117	0
Alpha Spec Polonium Solid	10	0	11	0
Gamma Nickel 59 RAD A-022	106	0	111	0
LSC Chlorine-36 in Solids	3	0	3	0
Gamma Spec Ra226 RAD A-013	36	0	50	0
Gamma Spec Solid RAD A-013	736	0	1056	0
LSC Nickel 63	196	0	198	0
LSC Plutonium	208	0	214	0
Technetium-99	348	0	378	0
ICP-MS Technetium-99 in Soil	7	0	5	0
LSC Selenium 79	5	0	6	0
Total Activity,	2	0	2	0
Tritium	39	0	41	0
Alpha Spec Am243	43	0	58	0
Gamma Iodine-129	114	0	146	0
Gas Flow Lead 210	9	0	10	0
Total Uranium KPA	5	0	6	0
Alpha Spec Uranium	333	0	458	0
LSC Promethium 147	3	0	3	0
LSC, Rapid Strontium 89 and 90	60	0	69	0
Alpha Spec Thorium	289	0	352	0
Gas Flow Radium 228	0	0	56	0
ICP-MS Uranium-233, 234 in Solid	37	0	37	0
Alpha Spec Plutonium	379	0	382	0
ICP-MS Technetium-99 Prep in Soil	7	0	5	0
Alpha Spec Neptunium	313	0	318	0
Alpha Spec Plutonium	171	0	189	0
Alpha Spec Radium 226	32	0	29	0
Dissolution Soil Prep	1	0	1	0
Gas Flow Sr 2nd count	48	0	50	0
Gas Flow Strontium 90	241	0	244	0
Lucas Cell Radium 226	89	0	156	0
Total Activity Screen	7	0	10	0

Total Radiological 2016	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Alpha Spec Am241 Curium	405	0	423	0
Alpha Spec Total Uranium	28	0	31	0
Gas Flow Total Strontium	42	0	45	0
Gross Alpha Non Vol Beta	0	0	1	0
ICP-MS Uranium-233, 234 Prep in Solid	39	0	39	0
ICP-MS Uranium-235, 236, 238 in Solid	41	0	37	0
Gamma Spec Solid RAD A-013 with Ba, La	5	0	9	0
Gamma Spec Solid RAD A-013 with Iodine	8	0	9	0
GFC Chlorine-36 in Solids	5	0	6	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	2	0	2	0
Tritium	19	0	21	0
Alpha Spec Am241 (pCi/Sample)	1	0	1	0
ICP-MS Uranium-234, 235, 236, 238 in Solid	92	0	81	0
ICP-MS Uranium-235, 236, 238 Prep in Solid	39	0	39	0
Alpha Spec Uranium	2	0	1	0
Gross Alpha/Beta	339	0	444	0
Alpha Spec Plutonium	2	0	1	0
Gas Flow Strontium 90	2	0	1	0
Gross Alpha/Beta (Americium Calibration) Solid	5	0	5	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Solid	47	0	43	0
FILTER				
Alpha Spec Uranium	11	0	23	0
Alpha Spec Polonium	0	0	4	0
Gamma I-131, filter	3	0	4	0
LSC Plutonium Filter	81	0	98	0
Tritium	56	0	105	0
Carbon-14	20	0	71	0
Nickel-63	0	0	5	0
LSC Iron-55	67	0	75	0
Gamma Nickel 59 RAD A-022	57	0	64	0
LSC Nickel 63	67	0	77	0
Technetium-99	38	0	86	0
Gamma Spec Filter RAD A-013	132	0	186	0
LSC Selenium 79	3	0	14	0
Alphaspec Np Filter per Liter	7	0	11	0
Alphaspec Pu Filter per Liter	25	0	28	0
Gamma Iodine-125	4	0	0	0
Gamma Iodine-129	9	0	63	0
Alpha Spec Am243	11	0	18	0
Gas Flow Lead 210	0	0	4	0
LSC Plutonium Filter per Liter	4	0	6	0
Total Uranium KPA	9	0	16	0
Alpha Spec Uranium	51	0	95	0
LSC Promethium 147	3	0	4	0
LSC, Rapid Strontium 89 and 90	65	0	88	0
Alpha Spec Thorium	35	0	49	0

Total Radiological 2016	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Alpha Spec Plutonium	66	0	109	0
ICP-MS Uranium-233, 234 in Filter	0	0	1	0
Alpha Spec Neptunium	69	0	73	0
Alpha Spec Plutonium	78	0	90	0
Alpha Spec Polonium,(Filter/Liter)	0	0	2	0
Alpha Spec Radium 226	4	0	6	0
Alpha/Beta (Americium Calibration)	4	0	5	0
Gas Flow Sr 2nd Count	44	0	59	0
Gas Flow Strontium 90	58	0	83	0
Alpha Spec Am241Curium	106	0	145	0
Gas Flow Total Strontium	3	0	4	0
ICP-MS Uranium-233, 234 Prep in Filter	0	0	1	0
ICP-MS Uranium-235, 236, 238 in Filter	0	0	1	0
Total Activity in Filter,	3	0	4	0
Alphaspec Am241 Curium Filter per Liter	11	0	16	0
Tritium	75	0	76	0
GFC Chlorine-36 in Filters	2	0	2	0
Gamma Spec Filter RAD A-013 Direct Count	2	0	6	0
Carbon-14	6	0	6	0
GFC Chlorine-36 in Filters PL	3	0	3	0
Direct Count-Gross Alpha/Beta	73	0	0	0
Gross Alpha/Beta	60	0	68	0
ICP-MS Uranium-234, 235, 236, 238 in Filter	8	0	8	0
ICP-MS Uranium-235, 236, 238 Prep in Filter	0	0	1	0
Alpha Spec U	7	0	22	0
Gross A & B	310	0	320	0
LSC Iron-55	6	0	13	0
Technetium-99	8	0	12	0
Gas Flow Sr-90	3	0	7	0
LSC Nickel 63	9	0	14	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	1	0	1	0
Gas Flow Pb-210	6	0	14	0
Gas Flow Ra-228	2	0	7	0
Gamma Iodine 129	3	0	4	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Filter	4	0	4	0
Gamma Spec Filter	75	0	90	0
Lucas Cell Ra-226	6	0	12	0
Alpha Spec Thorium	8	0	15	0
LIQUID				
Alpha Spec Uranium	410	0	609	0
Alpha Spec Polonium	2	0	2	0
Electrolytic Tritium	17	0	30	0
Tritium	1074	0	1071	0
Carbon-14	179	0	198	0
Plutonium	86	0	105	0

Total Radiological 2016	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Chlorine-36 in Liquids	7	0	7	0
Iodine-131	7	0	4	0
LSC Iron-55	155	0	198	0
Gamma Nickel 59 RAD A-022	26	0	30	0
Gamma Iodine 131 RAD A-013	4	0	4	0
Gamma Radium 228 RAD A-013	5	0	5	0
LSC Nickel 63	212	0	247	0
LSC Radon 222	19	0	20	0
Technetium-99	472	0	497	0
Gamma Spec Liquid RAD A-013	697	0	747	0
Alpha Spec Total U RAD A-011	21	0	35	0
LSC Selenium 79	30	0	28	0
Total Activity,	2	0	2	0
Alpha Spec Am243	14	0	23	0
Gamma Iodine-129	102	0	132	0
Gamma Iodine-131	21	0	21	0
ICP-MS Technetium-99 in Water	19	0	17	0
Gas Flow Lead 210	27	0	27	0
Total Uranium KPA	58	0	119	0
LSC Promethium 147	19	0	22	0
LSC, Rapid Strontium 89 and 90	9	0	10	0
Alpha Spec Polonium	3	0	2	0
Alpha Spec Thorium	181	0	236	0
Gas Flow Radium 228	417	0	469	0
Gas Flow Radium 228	23	0	24	0
Alpha Spec Plutonium	313	0	404	0
LSC Sulfur 35	11	0	11	0
Alpha Spec Neptunium	136	0	187	0
Alpha Spec Plutonium	38	0	49	0
Alpha Spec Radium 226	24	0	42	0
Gas Flow Sr 2nd count	165	0	180	0
Gas Flow Strontium 90	462	0	479	0
Gas Flow Strontium 90	1	0	1	0
Gas Flow Total Radium	57	0	72	0
ICP-MS Technetium-99 Prep in Water	19	0	17	0
ICP-MS Uranium-233, 234 in Liquid	9	0	13	0
LSC Calcuim 45	11	0	11	0
Lucas Cell Radium 226	428	0	458	0
Lucas Cell Radium-226	5	0	13	0
Total Activity Screen	2	0	2	0
Chlorine-36 in Liquids	17	0	19	0
Alpha Spec Am241 Curium	295	0	402	0
Gas Flow Total Strontium	72	0	76	0
Gross Alpha Non Vol Beta	983	0	1206	0
LSC Phosphorus-32	3	0	4	0
Lucas Cell Radium 226 by Method Ra-04	1	0	2	0
ICP-MS Uranium-233, 234 Prep in Liquid	9	0	13	0

Total Radiological 2016	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Tritium in Drinking Water by EPA 906.0	1	0	1	0
Gamma Spec Liquid RAD A-013 with Ba, La	72	0	142	0
Gamma Spec Liquid RAD A-013 with Iodine	120	0	96	0
Gas Flow Strontium 89 & 90	5	0	2	0
ICP-MS Uranium-235, 236, 238 in Liquid	14	0	13	0
Gas Flow Total Alpha Radium	4	0	3	0
Gross Alpha Co-precipitation	7	0	13	0
ICP-MS Uranium-235, 236, 238 Prep in Liquid	9	0	13	0
ICP-MS Uranium-234, 235, 236, 238 in Liquid	69	0	69	0
Gross Alpha Beta (Americium Calibration) Liquid	26	0	32	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Liquid	46	0	47	0
Alpha/Beta (Americium Calibration) Drinking Water	23	0	17	0
TISSUE				
Carbon-14	1	0	1	0
Gamma Nickel 59 RAD A-022	1	0	6	0
Gamma Spec Solid RAD A-013	45	0	54	0
LSC Nickel 63	1	0	1	0
LSC Plutonium	1	0	1	0
Technetium-99	1	0	1	0
Gamma Iodine-129	1	0	1	0
Gas Flow Lead 210	1	0	1	0
Alpha Spec Uranium	7	0	10	0
Alpha Spec Thorium	1	0	0	0
Alpha Spec Plutonium	10	0	11	0
Gas Flow Sr 2nd count	9	0	9	0
Gas Flow Strontium 90	12	0	12	0
Alpha Spec Am241 Curium	4	0	4	0
Gas Flow Total Strontium	7	0	7	0
Gamma Spec Solid RAD A-013 with Iodine	11	0	11	0
Gross Alpha/Beta	2	0	3	0
SEA WATER				
LSC Iron-55	7	0	5	0
LSC Nickel 63	7	0	6	0
Gas Flow Total Strontium	10	0	9	0
Gross Alpha Non Vol Beta	9	0	8	0
Gamma Spec Liquid RAD A-013 with Iodine	9	0	9	0
VEGETATION				
Carbon-14	4	0	4	0
Gamma Nickel 59 RAD A-022	1	0	1	0
Gamma Spec Solid RAD A-013	24	0	25	0
LSC Nickel 63	1	0	1	0
LSC Plutonium	1	0	1	0
Technetium-99	2	0	2	0
Tritium	10	0	10	0

Total Radiological 2016	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Alpha Spec Am243	0	0	1	0
Gamma Iodine-129	1	0	0	0
Gas Flow Lead 210	4	0	4	0
Total Uranium KPA	4	0	4	0
Alpha Spec Uranium	23	0	26	0
Alpha Spec Thorium	5	0	8	0
Alpha Spec Plutonium	14	0	15	0
Alpha Spec Neptunium	1	0	1	0
Gas Flow Sr 2nd count	7	0	7	0
Gas Flow Strontium 90	13	0	11	0
Gas Flow Total Radium	1	0	3	0
Alpha Spec Am241 Curium	6	0	4	0
Gamma Spec Solid RAD A-013 with Iodine	78	0	82	0
Gamma Spec Solid RAD A-013 (pCi/Sample)	1	0	1	0
Alpha Spec Am241 (pCi/Sample)	2	0	2	0
ICP-MS Uranium-234, 235, 236, 238 in Solid	4	0	2	0
Alpha Spec Uranium	0	0	2	0
Gross Alpha/Beta	2	0	4	0
Alpha Spec Plutonium	0	0	2	0
Gas Flow Strontium 90	4	0	2	0
ICP-MS Uranium-234, 235, 236, 238 Prep in Solid	2	0	1	0
AIR CHARCOAL				
Gamma Iodine 131 RAD A-013	369	0	419	0
Gamma Spec Filter RAD A-013	0	0	1	0
Gamma Iodine-129	5	0	4	0
Alpha Spec Uranium	0	0	1	0
Alpha Spec Plutonium	0	0	2	0
Alpha Spec Am241Curium	0	0	2	0
Carbon-14	12	0	12	0
Direct Count-Gross Alpha/Beta	1	0	0	0
Carbon-14 (Ascarite/Soda Lime Filter per Liter)	28	0	28	0
Gamma Iodine 129	12	0	12	0
Gamma Spec Filter	12	0	12	0
DRINKING WATER				
Alpha Spec Uranium	1	0	1	0
Tritium	35	0	33	0
Carbon-14	1	0	1	0
Iodine-131	2	0	2	0
LSC Iron-55	12	0	13	0
LSC Nickel 63	13	0	14	0
LSC Radon 222	27	0	35	0
Gamma Spec Liquid RAD A-013	30	0	53	0
Gamma Iodine-129	4	0	4	0
Gamma Iodine-131	26	0	26	0
Total Uranium KPA	9	0	20	0
Alpha Spec Polonium	1	0	1	0
Gas Flow Radium 228	32	0	25	0

Total Radiological 2016	Bias Criteria (+ / - 25%		Precision Criteria (Note 1)	
	WITHIN CRITERIA	OUTSIDE CRITERIA	WITHIN CRITERIA	OUTSIDE CRITERIA
Alpha Spec Plutonium	1	0	1	0
Gas Flow Sr 2nd count	12	0	13	0
Gas Flow Strontium 90	11	0	9	0
LSC Calcuim 45	2	0	2	0
Lucas Cell Radium-226	46	0	49	0
Alpha Spec Am241 Curium	1	0	1	0
Gas Flow Total Strontium	10	0	12	0
Gross Alpha Non Vol Beta	334	0	265	0
LSC Phosphorus-32	2	0	2	0
Tritium in Drinking Water by EPA 906.0	47	0	58	0
Gamma Spec Liquid RAD A-013 with Ba, La	21	0	71	0
Gas Flow Strontium 89 & 90	21	0	10	0
Gross Alpha Co-precipitation	136	0	100	0
Alpha/Beta (Americium Calibration) Drinking Water	11	0	11	0
ECLS-R-GA NJ 48 Hr Rapid Gross Alpha	5	0	5	0
Total	**17075**		**20165**	

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

2016 Corrective Action Report Summary

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
CARR160229-1005 ISO Documentation of PT Failures in RAD 104 for Cesium-137 and Gross Alpha.	**Root Cause Analysis** **Cesium-137 (Cs-137)** **EPA 901.1, HASL 300 Ga-01, DOE 4.5.2.3** After a review of the data, an apparent reason for this discrepancy could not be determined. The following steps were taken to prove that this high bias was an isolated occurrence and that our overall process is within control. 1. The batch quality control samples were reviewed and found to be compliant. The LCS recovered at 102%. 2. Laboratory control data were also reviewed for trends. None were noted. 3. The instrument calibrations were reviewed for biases that could have attributed to this failure. Biases were not noted. 4. A sample duplicate was also prepared and counted along with the reported result. The result fell within the method's acceptance range for duplicates. 5. A remedial sample from the QR030716U study was performed for Cs-137. The result fell well within the acceptance range for the study. **Gross Alpha** **EPA 00-02, EPA 900.0 and EPA 9310** After a review of the data, an apparent reason for this discrepancy could not be determined. The following steps were taken to prove that this high bias was an isolated occurrence and that our overall process is within control. 1. The batch quality control samples were reviewed and found to be compliant. The LCS recovered at 102% (EPA 00-02) and 113% (EPA 900.0 and EPA 9310). 2. Laboratory control data were also reviewed for trends. None were noted. 3. The instrument calibrations were reviewed for biases that could have attributed to this failure. Biases were not noted. 4. The batch quality control samples were reviewed and found to be compliant. The LCS Sample

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
	duplicates were also prepared and counted along with the reported results. The results for both fell within the methods' acceptance ranges for duplicates. 5. The sample was re-analyzed in duplicate following EPA 00-02 and results (80 pCi/L and 82 pCi/L) that fell within the acceptance range were obtained. **Permanent Corrective/Preventive Actions or Improvements** : The laboratory must assume unidentified random error caused the elevated bias because all quality control criteria were met for the batch. Additionally, a well characterized performance evaluation sample from another vendor was prepped and analyzed a few weeks after this sample. The lab will continue to monitor the recoveries of these parameters to ensure that there are no issues. **A second PT (RAD-103) was successfully analyzed for this matrix.**
CARR160519-1015 ISO Documentation of PT Failures in MRAD-24 for Total Uranium in Water	**Root Cause Analysis Uranium-Total ASTM D5174-91, ASTM D5174-97, ASTM D5174-02** This failure was due to a data entry error. The Uranium-Total (mass) concentration in ug/L was inadvertently reported as the Uranium-Total in pCi/L. The cause of this failure was determined to be human error. The Uranium-Total (mass) result was inadvertently entered as the result for Uranium-Total (pCi/Kg). These results are hand entered into the PT provider's database. **Permanent Corrective/Preventive Actions or Improvements** : A parmname synonym was entered into Alpha Lims to distinguish Uranium-Total activity from Uranium-Total (mass) concentration. This change drastically reduced the potential for such errors to occur in the future **A second PT (MRAD-25) was successfully analyzed for this matrix.**

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
CARR160602-1025 ISO Documentation of PT Failures in MAPEP 34 Iron-55 in soil and Radium-226 in water.	**Root Cause Analysis of Iron-55 in soil and Radium-226 in water:** After a review of the data, an apparent reason for this discrepancy could not be determined. The following steps were taken to prove that this high bias was an isolated occurrence and that our overall process is within control. 1. The batch quality control samples were reviewed and found to be compliant. The LCS recovered at 103%. 2. Laboratory control data were also reviewed for trends. None were noted. 3. The instrument calibrations were reviewed for positive biases that could have attributed to this failure. None were noted. 4. Sample duplicates were also prepared and counted along with the reported result. All results fell within the method's acceptance range for duplicates. **Permanent Corrective/Preventive Actions or Improvements:** **Fe-55** After a review of the data, it was determined that not enough sample was used to accurately quantitate this analyte. Per the instructions, the sample contained <2000 Bq/kg of this isotope. The lab mistakenly did not use a large enough aliquot and count time to achieve a result lower than 2000 Bq/kg. **MAPEP-16-MaW34** **Radium-226** In the future a more sensitive method will be used to determine the Ra-226 activity. **A second PT (MAPEP 35) was successfully analyzed for both matrices.**
CARR160830-1052 ISO Documentation of PT Failures in RAD-106 for Strontium-89 in drinking water.	**Root Cause Analysis of Strontium-89 (Sr-89)** **EPA 905.0** **Strontium-89** After a thorough review of all data, a definite reason for the failure could not be determined. However, it is suspected that

CORRECTIVE ACTION ID# & PE FAILURE	DISPOSITION
	the failure was due to a random laboratory error. The following steps were taken to prove that this low bias was an isolated occurrence and that our overall process is within control. 1. The batch quality control sample was reviewed and found to be compliant. The LCS recovered at 105%. 2. Two sample duplicates were also prepared with the batch. Both results (50.7 pCi/L and 57.0 pCi/L) fell within the PT acceptance range **Permanent Corrective/Preventive Actions or Improvements** The laboratory must assume unidentified random errors caused the biases observed with the results because all quality control criteria were met for each batch. A review of the recoveries was also performed to ensure that the recoveries were not trending high or low for each failure. No trends were noted

Environmental TLDs

Environmental dosimetry services for the reporting period of January – December, 2016 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 2016[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 2016[1], [2]

Process Date	Exposure Level	Mean Bias %	Standard Deviation %	Tolerance Limit +/-15%
4/22/2016	40	3.5	0.7	Pass
4/29/2016	80	1.8	0.7	Pass
5/10/2016	70	1.8	1.8	Pass
7/25/2016	33	2.4	1.5	Pass
8/2/2016	56	2.4	1.6	Pass
8/2/2016	123	0.7	1.4	Pass
10/25/2016	28	2.9	1.0	Pass
10/29/2016	93	3.2	1.8	Pass
11/6/2016	61	0.0	1.6	Pass
1/30/2017	39	1.4	2.5	Pass
1/31/2017	76	2.2	1.3	Pass
1/31/2017	101	-1.7	1.5	Pass

[1] This table summarizes results of tests conducted by EDC for TLDs issued in 2016.
[2] Environmental dosimeter results are free in air.

Table C-8
Summary of Independent Blind Spike Dosimeter Testing
JANUARY – DECEMBER 2016[1], [2]

Issuance Period	Client	Mean Bias %	Standard Deviation %	Pass / Fail
1st Qtr. 2016	Millstone	-0.2	1.0	Pass
2nd Qtr.2016	Millstone	-3.4	3.0	Pass
2nd Qtr.2016	Seabrook	1.8	0.8	Pass
3rd Qtr. 2016	Millstone	3.0	2.4	Pass
4th Qtr.2016	Millstone	.0.9	3.9	Pass
4th Qtr.2016	Seabrook	-0.2	0.7	Pass

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

APPENDIX D

2016 DATA SUMMARY

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	388922001	1/6/2016	BETA	2.79E-02	1.56E-03	1.19E-03	
AP	SBN	388922002	1/6/2016	BETA	2.96E-02	1.61E-03	1.19E-03	
AP	DOW	388922003	1/6/2016	BETA	2.55E-02	1.53E-03	1.24E-03	
AP	COL	388922004	1/6/2016	BETA	2.80E-02	1.62E-03	1.27E-03	
AP	ONS-1	388922005	1/6/2016	BETA	2.64E-02	1.69E-03	1.46E-03	
AP	ONS-2	388922006	1/6/2016	BETA	2.76E-02	1.60E-03	1.26E-03	
AP	ONS-3	388922007	1/6/2016	BETA	2.64E-02	1.55E-03	1.23E-03	
AP	ONS-4	388922008	1/6/2016	BETA	2.74E-02	1.56E-03	1.21E-03	
AP	ONS-5	388922009	1/6/2016	BETA	2.89E-02	1.64E-03	1.26E-03	
AP	ONS-6	388922010	1/6/2016	BETA	2.93E-02	1.61E-03	1.21E-03	
AP	NBF	389483001	1/13/2016	BETA	2.30E-02	1.47E-03	1.26E-03	
AP	SBN	389483002	1/13/2016	BETA	2.55E-02	1.55E-03	1.27E-03	
AP	DOW	389483003	1/13/2016	BETA	2.20E-02	1.44E-03	1.27E-03	
AP	COL	389483004	1/13/2016	BETA	2.26E-02	1.46E-03	1.27E-03	
AP	ONS-1	389483005	1/13/2016	BETA	2.46E-02	1.50E-03	1.24E-03	
AP	ONS-2	389483006	1/13/2016	BETA	2.46E-02	1.52E-03	1.26E-03	
AP	ONS-3	389483007	1/13/2016	BETA	1.93E-02	1.38E-03	1.31E-03	
AP	ONS-4	389483008	1/13/2016	BETA	2.06E-02	1.35E-03	1.19E-03	
AP	ONS-5	389483009	1/13/2016	BETA	2.67E-02	1.58E-03	1.26E-03	
AP	ONS-6	389483010	1/13/2016	BETA	2.25E-02	1.43E-03	1.22E-03	
AP	NBF	389873001	1/20/2016	BETA	3.54E-02	1.86E-03	1.23E-03	
AP	SBN	389873002	1/20/2016	BETA	3.12E-02	1.74E-03	1.23E-03	
AP	DOW	389873003	1/20/2016	BETA	2.93E-02	1.64E-03	1.16E-03	
AP	COL	389873004	1/20/2016	BETA	3.14E-02	1.72E-03	1.20E-03	
AP	ONS-1	389873005	1/20/2016	BETA	2.96E-02	1.65E-03	1.16E-03	
AP	ONS-2	389873006	1/20/2016	BETA	2.73E-02	1.61E-03	1.20E-03	
AP	ONS-3	389873007	1/20/2016	BETA	3.08E-02	1.71E-03	1.21E-03	
AP	ONS-4	389873008	1/20/2016	BETA	2.34E-02	1.48E-03	1.18E-03	
AP	ONS-5	389873009	1/20/2016	BETA	2.81E-02	1.61E-03	1.17E-03	
AP	ONS-6	389873010	1/20/2016	BETA	2.60E-02	1.55E-03	1.16E-03	
AP	NBF	390288001	1/27/2016	BETA	2.11E-02	1.45E-03	1.28E-03	
AP	SBN	390288002	1/27/2016	BETA	2.55E-02	1.57E-03	1.26E-03	
AP	DOW	390288003	1/27/2016	BETA	2.40E-02	1.53E-03	1.26E-03	
AP	COL	390288004	1/27/2016	BETA	2.22E-02	1.43E-03	1.19E-03	
AP	ONS-1	390288005	1/27/2016	BETA	2.52E-02	1.59E-03	1.29E-03	
AP	ONS-2	390288006	1/27/2016	BETA	2.10E-02	1.45E-03	1.28E-03	
AP	ONS-3	390288007	1/27/2016	BETA	2.36E-02	1.51E-03	1.25E-03	
AP	ONS-4	390288008	1/27/2016	BETA	2.32E-02	1.55E-03	1.33E-03	
AP	ONS-5	390288009	1/27/2016	BETA	2.24E-02	1.49E-03	1.28E-03	
AP	ONS-6	390288010	1/27/2016	BETA	2.18E-02	1.45E-03	1.25E-03	
AP	NBF	390825001	2/3/2016	BETA	2.61E-02	1.63E-03	1.38E-03	
AP	SBN	390825002	2/3/2016	BETA	2.37E-02	1.54E-03	1.36E-03	
AP	DOW	390825003	2/3/2016	BETA	2.27E-02	1.51E-03	1.36E-03	
AP	COL	390825004	2/3/2016	BETA	2.01E-02	1.39E-03	1.29E-03	
AP	ONS-1	390825005	2/3/2016	BETA	2.38E-02	1.53E-03	1.34E-03	
AP	ONS-2	390825006	2/3/2016	BETA	2.20E-02	1.50E-03	1.38E-03	
AP	ONS-3	390825007	2/3/2016	BETA	2.34E-02	1.53E-03	1.35E-03	
AP	ONS-4	390825008	2/3/2016	BETA	2.51E-02	1.59E-03	1.37E-03	
AP	ONS-5	390825009	2/3/2016	BETA	2.58E-02	1.62E-03	1.38E-03	
AP	ONS-6	390825010	2/3/2016	BETA	2.15E-02	1.46E-03	1.34E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	391285001	2/10/2016	BETA	2.05E-02	1.37E-03	1.24E-03	
AP	SBN	391285002	2/10/2016	BETA	2.26E-02	1.41E-03	1.20E-03	
AP	DOW	391285003	2/10/2016	BETA	1.68E-02	1.21E-03	1.17E-03	
AP	COL	391285004	2/10/2016	BETA	2.16E-02	1.40E-03	1.23E-03	
AP	ONS-1	391285005	2/10/2016	BETA	2.25E-02	1.40E-03	1.19E-03	
AP	ONS-2	391285006	2/10/2016	BETA	1.83E-02	1.28E-03	1.21E-03	
AP	ONS-3	391285007	2/10/2016	BETA	2.04E-02	1.38E-03	1.26E-03	
AP	ONS-4	391285008	2/10/2016	BETA	2.08E-02	1.36E-03	1.20E-03	
AP	ONS-5	391285009	2/10/2016	BETA	1.96E-02	1.32E-03	1.20E-03	
AP	ONS-6	391285010	2/10/2016	BETA	2.09E-02	1.39E-03	1.24E-03	
AP	NBF	391696001	2/17/2016	BETA	2.21E-02	1.46E-03	1.18E-03	
AP	SBN	391696002	2/17/2016	BETA	1.57E-02	1.24E-03	1.17E-03	
AP	DOW	391696003	2/17/2016	BETA	1.86E-02	1.34E-03	1.18E-03	
AP	COL	391696004	2/17/2016	BETA	1.84E-02	1.31E-03	1.14E-03	
AP	ONS-1	391696005	2/17/2016	BETA	1.58E-02	1.20E-03	1.10E-03	
AP	ONS-2	391696006	2/17/2016	BETA	1.49E-02	1.19E-03	1.15E-03	
AP	ONS-3	391696007	2/17/2016	BETA	1.66E-02	1.25E-03	1.13E-03	
AP	ONS-4	391696008	2/17/2016	BETA	1.55E-02	1.19E-03	1.10E-03	
AP	ONS-5	391696009	2/17/2016	BETA	1.70E-02	1.24E-03	1.10E-03	
AP	ONS-6	391696010	2/17/2016	BETA	1.71E-02	1.28E-03	1.16E-03	
AP	NBF	396305001	3/30/2016	Ac-228	-3.02E-04	7.34E-04	2.48E-03	U
AP	NBF	396305001	3/30/2016	Ag-108m	9.34E-05	1.47E-04	4.95E-04	U
AP	NBF	396305001	3/30/2016	Ag-110m	3.18E-04	2.45E-04	9.00E-04	U
AP	NBF	396305001	3/30/2016	Ba-140	-2.67E-02	4.15E-02	1.23E-01	U
AP	NBF	396305001	3/30/2016	Be-7	1.30E-01	1.15E-02	9.88E-03	
AP	NBF	396305001	3/30/2016	Ce-141	-1.11E-03	9.78E-04	2.81E-03	U
AP	NBF	396305001	3/30/2016	Ce-144	-1.12E-03	8.75E-04	2.46E-03	U
AP	NBF	396305001	3/30/2016	Co-57	-8.20E-05	1.08E-04	3.28E-04	U
AP	NBF	396305001	3/30/2016	Co-58	-1.52E-04	3.02E-04	9.25E-04	U
AP	NBF	396305001	3/30/2016	Co-60	2.09E-04	2.33E-04	8.41E-04	U
AP	NBF	396305001	3/30/2016	Cr-51	-3.43E-04	7.68E-03	2.54E-02	U
AP	NBF	396305001	3/30/2016	Cs-134	-4.86E-05	1.91E-04	6.11E-04	U
AP	NBF	396305001	3/30/2016	Cs-137	-2.44E-05	1.05E-04	3.38E-04	U
AP	NBF	396305001	3/30/2016	Fe-59	9.16E-04	1.22E-03	4.25E-03	U
AP	NBF	396305001	3/30/2016	I-131	1.70E-01	1.56E-01	0.00E+00	UI
AP	NBF	396305001	3/30/2016	K-40	4.00E-03	2.47E-03	9.50E-03	U
AP	NBF	396305001	3/30/2016	La-140	-1.50E-02	1.87E-02	5.31E-02	U
AP	NBF	396305001	3/30/2016	Mn-54	-3.13E-04	2.04E-04	5.02E-04	U
AP	NBF	396305001	3/30/2016	Nb-95	-6.67E-05	2.29E-04	7.21E-04	U
AP	NBF	396305001	3/30/2016	Ru-103	-2.63E-04	5.45E-04	1.41E-03	U
AP	NBF	396305001	3/30/2016	Ru-106	1.04E-03	1.72E-03	5.58E-03	U
AP	NBF	396305001	3/30/2016	Sb-124	-4.07E-04	8.53E-04	2.45E-03	U
AP	NBF	396305001	3/30/2016	Sb-125	1.19E-04	3.64E-04	1.22E-03	U
AP	NBF	396305001	3/30/2016	Se-75	6.70E-06	2.91E-04	9.76E-04	U
AP	NBF	396305001	3/30/2016	Th-228	8.34E-04	4.48E-04	1.01E-03	U
AP	NBF	396305001	3/30/2016	Zn-65	-4.17E-04	5.00E-04	1.39E-03	U
AP	NBF	396305001	3/30/2016	Zr-95	5.26E-04	5.93E-04	2.12E-03	U
AP	SBN	396305002	3/30/2016	Ac-228	5.84E-04	5.46E-04	1.90E-03	U
AP	SBN	396305002	3/30/2016	Ag-108m	-1.53E-04	1.16E-04	3.32E-04	U
AP	SBN	396305002	3/30/2016	Ag-110m	-1.57E-04	1.92E-04	5.76E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	SBN	396305002	3/30/2016	Ba-140	6.77E-02	2.22E-02	8.71E-02	U
AP	SBN	396305002	3/30/2016	Be-7	9.82E-02	8.93E-03	9.11E-03	
AP	SBN	396305002	3/30/2016	Ce-141	-6.41E-04	8.66E-04	2.62E-03	U
AP	SBN	396305002	3/30/2016	Ce-144	1.61E-03	7.57E-04	2.39E-03	U
AP	SBN	396305002	3/30/2016	Co-57	-9.73E-06	9.41E-05	3.03E-04	U
AP	SBN	396305002	3/30/2016	Co-58	-5.02E-04	2.79E-04	6.48E-04	U
AP	SBN	396305002	3/30/2016	Co-60	9.49E-05	1.66E-04	5.74E-04	U
AP	SBN	396305002	3/30/2016	Cr-51	-1.28E-02	7.94E-03	2.11E-02	U
AP	SBN	396305002	3/30/2016	Cs-134	1.59E-04	1.63E-04	5.55E-04	U
AP	SBN	396305002	3/30/2016	Cs-137	7.01E-05	1.31E-04	4.45E-04	U
AP	SBN	396305002	3/30/2016	Fe-59	4.37E-04	7.89E-04	2.70E-03	U
AP	SBN	396305002	3/30/2016	I-131	-1.62E-02	1.07E-01	0.00E+00	U
AP	SBN	396305002	3/30/2016	K-40	4.42E-03	1.57E-03	5.04E-03	U
AP	SBN	396305002	3/30/2016	La-140	-7.88E-03	1.11E-02	3.29E-02	U
AP	SBN	396305002	3/30/2016	Mn-54	1.84E-04	1.60E-04	5.61E-04	U
AP	SBN	396305002	3/30/2016	Nb-95	2.77E-05	2.75E-04	9.02E-04	U
AP	SBN	396305002	3/30/2016	Ru-103	1.04E-03	5.08E-04	1.67E-03	U
AP	SBN	396305002	3/30/2016	Ru-106	-2.08E-03	1.46E-03	4.08E-03	U
AP	SBN	396305002	3/30/2016	Sb-124	2.39E-04	7.80E-04	2.68E-03	U
AP	SBN	396305002	3/30/2016	Sb-125	-7.60E-05	3.49E-04	1.13E-03	U
AP	SBN	396305002	3/30/2016	Se-75	4.15E-04	2.45E-04	8.01E-04	U
AP	SBN	396305002	3/30/2016	Th-228	4.54E-04	3.95E-04	7.32E-04	U
AP	SBN	396305002	3/30/2016	Zn-65	2.14E-04	3.55E-04	1.21E-03	U
AP	SBN	396305002	3/30/2016	Zr-95	-5.00E-04	5.36E-04	1.56E-03	U
AP	DOW	396305003	3/30/2016	Ac-228	-8.86E-05	5.85E-04	1.97E-03	U
AP	DOW	396305003	3/30/2016	Ag-108m	-9.30E-05	1.04E-04	3.02E-04	U
AP	DOW	396305003	3/30/2016	Ag-110m	-3.65E-05	2.15E-04	6.88E-04	U
AP	DOW	396305003	3/30/2016	Ba-140	3.17E-02	3.23E-02	1.15E-01	U
AP	DOW	396305003	3/30/2016	Be-7	1.17E-01	9.79E-03	9.57E-03	
AP	DOW	396305003	3/30/2016	Ce-141	1.16E-03	7.64E-04	2.48E-03	U
AP	DOW	396305003	3/30/2016	Ce-144	-4.82E-04	6.37E-04	1.91E-03	U
AP	DOW	396305003	3/30/2016	Co-57	1.42E-04	9.54E-05	3.10E-04	U
AP	DOW	396305003	3/30/2016	Co-58	-4.01E-04	2.38E-04	5.20E-04	U
AP	DOW	396305003	3/30/2016	Co-60	6.52E-05	9.99E-05	3.71E-04	U
AP	DOW	396305003	3/30/2016	Cr-51	-3.57E-03	6.29E-03	1.98E-02	U
AP	DOW	396305003	3/30/2016	Cs-134	-5.50E-05	1.02E-04	3.02E-04	U
AP	DOW	396305003	3/30/2016	Cs-137	-3.53E-05	1.35E-04	4.43E-04	U
AP	DOW	396305003	3/30/2016	Fe-59	-8.10E-04	8.44E-04	2.24E-03	U
AP	DOW	396305003	3/30/2016	I-131	-1.33E-01	1.06E-01	0.00E+00	U
AP	DOW	396305003	3/30/2016	K-40	1.30E-03	2.04E-03	7.63E-03	U
AP	DOW	396305003	3/30/2016	La-140	-1.08E-02	1.30E-02	3.55E-02	U
AP	DOW	396305003	3/30/2016	Mn-54	2.03E-05	1.51E-04	5.02E-04	U
AP	DOW	396305003	3/30/2016	Nb-95	4.94E-05	3.08E-04	1.03E-03	U
AP	DOW	396305003	3/30/2016	Ru-103	-1.23E-04	4.04E-04	1.25E-03	U
AP	DOW	396305003	3/30/2016	Ru-106	1.69E-03	1.14E-03	4.11E-03	U
AP	DOW	396305003	3/30/2016	Sb-124	-5.70E-04	5.70E-04	1.25E-03	U
AP	DOW	396305003	3/30/2016	Sb-125	-2.91E-04	3.28E-04	9.58E-04	U
AP	DOW	396305003	3/30/2016	Se-75	-4.55E-05	2.61E-04	7.52E-04	U
AP	DOW	396305003	3/30/2016	Th-228	2.83E-04	1.94E-04	5.86E-04	U
AP	DOW	396305003	3/30/2016	Zn-65	-1.01E-04	3.72E-04	1.21E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	DOW	396305003	3/30/2016	Zr-95	4.60E-04	5.44E-04	1.90E-03	U
AP	COL	396305004	3/30/2016	Ac-228	3.69E-04	1.23E-03	4.22E-03	U
AP	COL	396305004	3/30/2016	Ag-108m	-2.80E-04	1.90E-04	4.83E-04	U
AP	COL	396305004	3/30/2016	Ag-110m	-5.02E-04	4.28E-04	1.11E-03	U
AP	COL	396305004	3/30/2016	Ba-140	1.81E-02	6.47E-02	2.20E-01	U
AP	COL	396305004	3/30/2016	Be-7	1.04E-01	1.24E-02	1.63E-02	
AP	COL	396305004	3/30/2016	Ce-141	5.36E-04	1.11E-03	3.61E-03	U
AP	COL	396305004	3/30/2016	Ce-144	-6.28E-05	9.57E-04	3.05E-03	U
AP	COL	396305004	3/30/2016	Co-57	-4.22E-05	1.27E-04	3.97E-04	U
AP	COL	396305004	3/30/2016	Co-58	-1.62E-04	4.69E-04	1.45E-03	U
AP	COL	396305004	3/30/2016	Co-60	8.56E-04	3.55E-04	1.30E-03	U
AP	COL	396305004	3/30/2016	Cr-51	1.73E-02	1.19E-02	4.04E-02	U
AP	COL	396305004	3/30/2016	Cs-134	-4.66E-04	3.12E-04	7.64E-04	U
AP	COL	396305004	3/30/2016	Cs-137	-5.31E-04	3.20E-04	6.04E-04	U
AP	COL	396305004	3/30/2016	Fe-59	-3.37E-04	1.68E-03	5.44E-03	U
AP	COL	396305004	3/30/2016	I-131	2.92E-01	1.93E-01	0.00E+00	UI
AP	COL	396305004	3/30/2016	K-40	6.90E-03	4.08E-03	1.54E-02	U
AP	COL	396305004	3/30/2016	La-140	3.47E-02	2.88E-02	1.07E-01	U
AP	COL	396305004	3/30/2016	Mn-54	2.53E-04	3.31E-04	1.14E-03	U
AP	COL	396305004	3/30/2016	Nb-95	-3.44E-04	5.06E-04	1.49E-03	U
AP	COL	396305004	3/30/2016	Ru-103	6.67E-04	7.62E-04	2.70E-03	U
AP	COL	396305004	3/30/2016	Ru-106	-3.02E-03	2.24E-03	5.92E-03	U
AP	COL	396305004	3/30/2016	Sb-124	-4.96E-04	9.24E-04	2.54E-03	U
AP	COL	396305004	3/30/2016	Sb-125	-3.70E-04	5.95E-04	1.79E-03	U
AP	COL	396305004	3/30/2016	Se-75	7.31E-05	3.71E-04	1.25E-03	U
AP	COL	396305004	3/30/2016	Th-228	7.22E-04	3.91E-04	1.34E-03	U
AP	COL	396305004	3/30/2016	Zn-65	-7.00E-04	8.17E-04	1.90E-03	U
AP	COL	396305004	3/30/2016	Zr-95	-6.90E-04	9.71E-04	2.87E-03	U
AP	ONS-1	396305005	3/30/2016	Ac-228	5.58E-04	5.06E-04	2.09E-03	U
AP	ONS-1	396305005	3/30/2016	Ag-108m	1.37E-04	9.62E-05	3.28E-04	U
AP	ONS-1	396305005	3/30/2016	Ag-110m	-1.71E-04	2.41E-04	7.38E-04	U
AP	ONS-1	396305005	3/30/2016	Ba-140	1.03E-01	6.79E-02	1.22E-01	U
AP	ONS-1	396305005	3/30/2016	Be-7	9.61E-02	8.87E-03	9.42E-03	
AP	ONS-1	396305005	3/30/2016	Ce-141	2.00E-04	7.09E-04	2.33E-03	U
AP	ONS-1	396305005	3/30/2016	Ce-144	-7.05E-04	6.95E-04	2.07E-03	U
AP	ONS-1	396305005	3/30/2016	Co-57	-5.87E-05	8.07E-05	2.48E-04	U
AP	ONS-1	396305005	3/30/2016	Co-58	-4.38E-04	2.37E-04	5.14E-04	U
AP	ONS-1	396305005	3/30/2016	Co-60	1.97E-04	1.70E-04	6.53E-04	U
AP	ONS-1	396305005	3/30/2016	Cr-51	-1.49E-03	5.73E-03	1.89E-02	U
AP	ONS-1	396305005	3/30/2016	Cs-134	3.12E-04	1.68E-04	5.98E-04	U
AP	ONS-1	396305005	3/30/2016	Cs-137	5.29E-05	1.03E-04	3.49E-04	U
AP	ONS-1	396305005	3/30/2016	Fe-59	-1.50E-04	6.54E-04	2.07E-03	U
AP	ONS-1	396305005	3/30/2016	I-131	-2.15E-02	1.15E-01	0.00E+00	U
AP	ONS-1	396305005	3/30/2016	K-40	-1.95E-03	1.85E-03	5.94E-03	U
AP	ONS-1	396305005	3/30/2016	La-140	-2.95E-03	1.05E-02	3.34E-02	U
AP	ONS-1	396305005	3/30/2016	Mn-54	1.87E-05	1.25E-04	4.28E-04	U
AP	ONS-1	396305005	3/30/2016	Nb-95	2.35E-05	3.07E-04	1.02E-03	U
AP	ONS-1	396305005	3/30/2016	Ru-103	-4.77E-04	4.88E-04	1.43E-03	U
AP	ONS-1	396305005	3/30/2016	Ru-106	-6.62E-04	1.48E-03	4.60E-03	U
AP	ONS-1	396305005	3/30/2016	Sb-124	-4.63E-04	7.42E-04	2.17E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-1	396305005	3/30/2016	Sb-125	6.06E-04	3.36E-04	1.16E-03	U
AP	ONS-1	396305005	3/30/2016	Se-75	1.97E-04	2.24E-04	7.78E-04	U
AP	ONS-1	396305005	3/30/2016	Th-228	3.12E-04	2.65E-04	6.99E-04	U
AP	ONS-1	396305005	3/30/2016	Zn-65	-6.07E-04	3.45E-04	7.04E-04	U
AP	ONS-1	396305005	3/30/2016	Zr-95	-9.54E-05	4.92E-04	1.63E-03	U
AP	ONS-2	396305006	3/30/2016	Ac-228	-7.98E-04	7.00E-04	2.01E-03	U
AP	ONS-2	396305006	3/30/2016	Ag-108m	-1.91E-05	1.03E-04	3.33E-04	U
AP	ONS-2	396305006	3/30/2016	Ag-110m	-5.03E-06	2.63E-04	8.59E-04	U
AP	ONS-2	396305006	3/30/2016	Ba-140	-2.39E-02	3.33E-02	9.71E-02	U
AP	ONS-2	396305006	3/30/2016	Be-7	1.06E-01	9.36E-03	1.04E-02	
AP	ONS-2	396305006	3/30/2016	Ce-141	-4.51E-04	8.42E-04	2.60E-03	U
AP	ONS-2	396305006	3/30/2016	Ce-144	4.42E-04	6.94E-04	2.38E-03	U
AP	ONS-2	396305006	3/30/2016	Co-57	6.73E-06	8.69E-05	2.93E-04	U
AP	ONS-2	396305006	3/30/2016	Co-58	-1.91E-04	3.18E-04	9.61E-04	U
AP	ONS-2	396305006	3/30/2016	Co-60	1.91E-04	1.39E-04	5.52E-04	U
AP	ONS-2	396305006	3/30/2016	Cr-51	3.97E-03	8.16E-03	2.80E-02	U
AP	ONS-2	396305006	3/30/2016	Cs-134	-1.97E-04	1.50E-04	3.68E-04	U
AP	ONS-2	396305006	3/30/2016	Cs-137	1.11E-04	1.39E-04	4.95E-04	U
AP	ONS-2	396305006	3/30/2016	Fe-59	-1.29E-03	9.54E-04	2.30E-03	U
AP	ONS-2	396305006	3/30/2016	I-131	9.69E-02	1.26E-01	0.00E+00	UI
AP	ONS-2	396305006	3/30/2016	K-40	1.80E-03	2.28E-03	8.68E-03	U
AP	ONS-2	396305006	3/30/2016	La-140	6.83E-03	1.66E-02	5.87E-02	U
AP	ONS-2	396305006	3/30/2016	Mn-54	-1.58E-04	2.18E-04	5.27E-04	U
AP	ONS-2	396305006	3/30/2016	Nb-95	3.97E-04	2.93E-04	1.01E-03	U
AP	ONS-2	396305006	3/30/2016	Ru-103	-1.01E-03	5.26E-04	1.16E-03	U
AP	ONS-2	396305006	3/30/2016	Ru-106	5.26E-04	1.27E-03	4.41E-03	U
AP	ONS-2	396305006	3/30/2016	Sb-124	-6.46E-04	1.12E-03	3.35E-03	U
AP	ONS-2	396305006	3/30/2016	Sb-125	9.61E-05	3.46E-04	1.03E-03	U
AP	ONS-2	396305006	3/30/2016	Se-75	-2.23E-04	2.52E-04	7.44E-04	U
AP	ONS-2	396305006	3/30/2016	Th-228	1.11E-04	2.34E-04	7.59E-04	U
AP	ONS-2	396305006	3/30/2016	Zn-65	3.50E-05	4.15E-04	1.40E-03	U
AP	ONS-2	396305006	3/30/2016	Zr-95	-5.69E-04	6.44E-04	1.48E-03	U
AP	ONS-3	396305007	3/30/2016	Ac-228	2.00E-04	5.60E-04	2.07E-03	U
AP	ONS-3	396305007	3/30/2016	Ag-108m	2.60E-05	9.88E-05	3.30E-04	U
AP	ONS-3	396305007	3/30/2016	Ag-110m	-1.59E-04	1.92E-04	5.75E-04	U
AP	ONS-3	396305007	3/30/2016	Ba-140	2.18E-03	3.20E-02	8.95E-02	U
AP	ONS-3	396305007	3/30/2016	Be-7	1.00E-01	9.36E-03	8.71E-03	
AP	ONS-3	396305007	3/30/2016	Ce-141	2.06E-04	7.45E-04	2.40E-03	U
AP	ONS-3	396305007	3/30/2016	Ce-144	3.06E-04	6.93E-04	2.27E-03	U
AP	ONS-3	396305007	3/30/2016	Co-57	-2.89E-05	1.01E-04	3.21E-04	U
AP	ONS-3	396305007	3/30/2016	Co-58	-2.16E-04	2.75E-04	8.09E-04	U
AP	ONS-3	396305007	3/30/2016	Co-60	1.74E-04	1.27E-04	4.70E-04	U
AP	ONS-3	396305007	3/30/2016	Cr-51	1.04E-02	6.13E-03	2.10E-02	U
AP	ONS-3	396305007	3/30/2016	Cs-134	-3.00E-04	1.51E-04	3.24E-04	U
AP	ONS-3	396305007	3/30/2016	Cs-137	-1.74E-04	1.48E-04	3.63E-04	U
AP	ONS-3	396305007	3/30/2016	Fe-59	-9.54E-04	8.95E-04	2.49E-03	U
AP	ONS-3	396305007	3/30/2016	I-131	-1.01E-01	1.26E-01	0.00E+00	U
AP	ONS-3	396305007	3/30/2016	K-40	-4.45E-04	1.81E-03	5.77E-03	U
AP	ONS-3	396305007	3/30/2016	La-140	-1.34E-03	1.30E-02	4.28E-02	U
AP	ONS-3	396305007	3/30/2016	Mn-54	-3.26E-05	1.44E-04	4.73E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-3	396305007	3/30/2016	Nb-95	4.32E-04	3.36E-04	1.08E-03	U
AP	ONS-3	396305007	3/30/2016	Ru-103	-8.62E-04	4.80E-04	1.19E-03	U
AP	ONS-3	396305007	3/30/2016	Ru-106	-7.86E-04	1.38E-03	4.36E-03	U
AP	ONS-3	396305007	3/30/2016	Sb-124	2.25E-04	6.08E-04	2.13E-03	U
AP	ONS-3	396305007	3/30/2016	Sb-125	2.78E-04	3.21E-04	1.09E-03	U
AP	ONS-3	396305007	3/30/2016	Se-75	-1.21E-04	2.10E-04	6.53E-04	U
AP	ONS-3	396305007	3/30/2016	Th-228	-4.11E-04	2.24E-04	6.35E-04	U
AP	ONS-3	396305007	3/30/2016	Zn-65	-3.50E-04	4.02E-04	1.17E-03	U
AP	ONS-3	396305007	3/30/2016	Zr-95	1.69E-03	5.48E-04	1.74E-03	U
AP	ONS-4	396305008	3/30/2016	Ac-228	-6.62E-04	5.91E-04	1.71E-03	U
AP	ONS-4	396305008	3/30/2016	Ag-108m	-5.93E-05	1.04E-04	3.31E-04	U
AP	ONS-4	396305008	3/30/2016	Ag-110m	-3.23E-04	2.79E-04	6.25E-04	U
AP	ONS-4	396305008	3/30/2016	Ba-140	-8.79E-03	3.02E-02	9.68E-02	U
AP	ONS-4	396305008	3/30/2016	Be-7	9.89E-02	9.14E-03	8.67E-03	
AP	ONS-4	396305008	3/30/2016	Ce-141	-1.22E-03	9.09E-04	2.66E-03	U
AP	ONS-4	396305008	3/30/2016	Ce-144	-5.25E-04	6.60E-04	2.01E-03	U
AP	ONS-4	396305008	3/30/2016	Co-57	7.65E-05	8.90E-05	2.96E-04	U
AP	ONS-4	396305008	3/30/2016	Co-58	-1.24E-04	2.05E-04	6.20E-04	U
AP	ONS-4	396305008	3/30/2016	Co-60	-1.93E-04	1.31E-04	3.24E-04	U
AP	ONS-4	396305008	3/30/2016	Cr-51	-6.69E-03	6.89E-03	2.05E-02	U
AP	ONS-4	396305008	3/30/2016	Cs-134	-3.50E-04	1.72E-04	3.92E-04	U
AP	ONS-4	396305008	3/30/2016	Cs-137	7.54E-05	1.19E-04	4.09E-04	U
AP	ONS-4	396305008	3/30/2016	Fe-59	4.71E-04	9.09E-04	3.10E-03	U
AP	ONS-4	396305008	3/30/2016	I-131	3.51E-02	1.32E-01	0.00E+00	UI
AP	ONS-4	396305008	3/30/2016	K-40	-1.15E-03	1.78E-03	5.69E-03	U
AP	ONS-4	396305008	3/30/2016	La-140	-2.14E-02	1.47E-02	3.67E-02	U
AP	ONS-4	396305008	3/30/2016	Mn-54	7.46E-05	1.70E-04	4.94E-04	U
AP	ONS-4	396305008	3/30/2016	Nb-95	-9.74E-05	2.42E-04	7.62E-04	U
AP	ONS-4	396305008	3/30/2016	Ru-103	6.34E-05	4.49E-04	1.49E-03	U
AP	ONS-4	396305008	3/30/2016	Ru-106	-9.89E-04	1.36E-03	4.27E-03	U
AP	ONS-4	396305008	3/30/2016	Sb-124	-8.53E-04	9.27E-04	2.63E-03	U
AP	ONS-4	396305008	3/30/2016	Sb-125	-1.54E-06	3.08E-04	1.02E-03	U
AP	ONS-4	396305008	3/30/2016	Se-75	1.89E-04	2.05E-04	6.90E-04	U
AP	ONS-4	396305008	3/30/2016	Th-228	4.40E-04	3.59E-04	7.37E-04	U
AP	ONS-4	396305008	3/30/2016	Zn-65	4.16E-05	3.51E-04	1.17E-03	U
AP	ONS-4	396305008	3/30/2016	Zr-95	7.42E-04	5.51E-04	1.89E-03	U
AP	ONS-5	396305009	3/30/2016	Ac-228	6.97E-04	6.47E-04	2.41E-03	U
AP	ONS-5	396305009	3/30/2016	Ag-108m	9.08E-05	1.24E-04	4.20E-04	U
AP	ONS-5	396305009	3/30/2016	Ag-110m	1.24E-04	2.14E-04	7.53E-04	U
AP	ONS-5	396305009	3/30/2016	Ba-140	4.26E-03	3.55E-02	1.24E-01	U
AP	ONS-5	396305009	3/30/2016	Be-7	1.15E-01	1.07E-02	9.66E-03	
AP	ONS-5	396305009	3/30/2016	Ce-141	5.66E-04	8.33E-04	2.78E-03	U
AP	ONS-5	396305009	3/30/2016	Ce-144	-8.19E-04	6.97E-04	2.11E-03	U
AP	ONS-5	396305009	3/30/2016	Co-57	-1.04E-04	9.81E-05	2.98E-04	U
AP	ONS-5	396305009	3/30/2016	Co-58	-2.07E-04	2.99E-04	8.89E-04	U
AP	ONS-5	396305009	3/30/2016	Co-60	-8.05E-05	1.79E-04	5.60E-04	U
AP	ONS-5	396305009	3/30/2016	Cr-51	-8.70E-04	7.38E-03	2.40E-02	U
AP	ONS-5	396305009	3/30/2016	Cs-134	7.88E-05	1.69E-04	5.85E-04	U
AP	ONS-5	396305009	3/30/2016	Cs-137	8.98E-06	1.67E-04	4.89E-04	U
AP	ONS-5	396305009	3/30/2016	Fe-59	4.97E-04	8.00E-04	2.85E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-5	396305009	3/30/2016	I-131	-1.27E-01	1.44E-01	0.00E+00	U
AP	ONS-5	396305009	3/30/2016	K-40	4.44E-03	2.49E-03	9.65E-03	U
AP	ONS-5	396305009	3/30/2016	La-140	2.82E-02	1.58E-02	6.22E-02	U
AP	ONS-5	396305009	3/30/2016	Mn-54	4.45E-06	2.06E-04	5.90E-04	U
AP	ONS-5	396305009	3/30/2016	Nb-95	-1.54E-04	2.52E-04	7.50E-04	U
AP	ONS-5	396305009	3/30/2016	Ru-103	-3.18E-05	5.24E-04	1.67E-03	U
AP	ONS-5	396305009	3/30/2016	Ru-106	-7.62E-04	1.40E-03	4.25E-03	U
AP	ONS-5	396305009	3/30/2016	Sb-124	1.86E-05	1.08E-03	3.59E-03	U
AP	ONS-5	396305009	3/30/2016	Sb-125	-2.43E-05	3.26E-04	1.04E-03	U
AP	ONS-5	396305009	3/30/2016	Se-75	-2.84E-05	2.16E-04	7.07E-04	U
AP	ONS-5	396305009	3/30/2016	Th-228	8.56E-05	2.20E-04	7.34E-04	U
AP	ONS-5	396305009	3/30/2016	Zn-65	1.20E-04	4.47E-04	1.50E-03	U
AP	ONS-5	396305009	3/30/2016	Zr-95	-2.83E-04	4.16E-04	1.21E-03	U
AP	ONS-6	396305010	3/30/2016	Ac-228	-1.02E-03	5.69E-04	1.54E-03	U
AP	ONS-6	396305010	3/30/2016	Ag-108m	-9.24E-05	9.62E-05	2.84E-04	U
AP	ONS-6	396305010	3/30/2016	Ag-110m	-1.59E-04	1.98E-04	5.85E-04	U
AP	ONS-6	396305010	3/30/2016	Ba-140	3.06E-02	3.66E-02	1.25E-01	U
AP	ONS-6	396305010	3/30/2016	Be-7	1.06E-01	8.63E-03	7.81E-03	
AP	ONS-6	396305010	3/30/2016	Ce-141	6.59E-04	7.60E-04	2.53E-03	U
AP	ONS-6	396305010	3/30/2016	Ce-144	3.83E-04	7.12E-04	2.36E-03	U
AP	ONS-6	396305010	3/30/2016	Co-57	-9.02E-05	9.22E-05	2.77E-04	U
AP	ONS-6	396305010	3/30/2016	Co-58	1.66E-04	2.57E-04	9.08E-04	U
AP	ONS-6	396305010	3/30/2016	Co-60	2.12E-04	2.46E-04	7.97E-04	U
AP	ONS-6	396305010	3/30/2016	Cr-51	-4.10E-03	6.93E-03	2.22E-02	U
AP	ONS-6	396305010	3/30/2016	Cs-134	1.65E-04	1.16E-04	4.33E-04	U
AP	ONS-6	396305010	3/30/2016	Cs-137	-1.79E-04	1.27E-04	3.15E-04	U
AP	ONS-6	396305010	3/30/2016	Fe-59	-2.19E-04	7.87E-04	2.49E-03	U
AP	ONS-6	396305010	3/30/2016	I-131	1.43E-01	1.34E-01	0.00E+00	UI
AP	ONS-6	396305010	3/30/2016	K-40	1.24E-03	2.41E-03	4.65E-03	U
AP	ONS-6	396305010	3/30/2016	La-140	-2.35E-02	1.26E-02	1.99E-02	U
AP	ONS-6	396305010	3/30/2016	Mn-54	-5.29E-05	1.50E-04	4.85E-04	U
AP	ONS-6	396305010	3/30/2016	Nb-95	1.23E-04	2.94E-04	9.99E-04	U
AP	ONS-6	396305010	3/30/2016	Ru-103	4.70E-04	4.31E-04	1.50E-03	U
AP	ONS-6	396305010	3/30/2016	Ru-106	2.67E-04	1.28E-03	4.23E-03	U
AP	ONS-6	396305010	3/30/2016	Sb-124	8.33E-04	6.34E-04	2.54E-03	U
AP	ONS-6	396305010	3/30/2016	Sb-125	-5.43E-04	3.46E-04	9.22E-04	U
AP	ONS-6	396305010	3/30/2016	Se-75	1.91E-04	2.24E-04	7.76E-04	U
AP	ONS-6	396305010	3/30/2016	Th-228	-2.57E-04	2.39E-04	7.16E-04	U
AP	ONS-6	396305010	3/30/2016	Zn-65	-5.71E-04	4.11E-04	1.04E-03	U
AP	ONS-6	396305010	3/30/2016	Zr-95	1.00E-05	4.52E-04	1.53E-03	U
AP	NBF	392125001	2/24/2016	BETA	1.61E-02	1.26E-03	1.15E-03	
AP	SBN	392125002	2/24/2016	BETA	1.55E-02	1.24E-03	1.15E-03	
AP	DOW	392125003	2/24/2016	BETA	1.36E-02	1.16E-03	1.12E-03	
AP	COL	392125004	2/24/2016	BETA	1.84E-02	1.33E-03	1.13E-03	
AP	ONS-1	392125005	2/24/2016	BETA	1.51E-02	1.22E-03	1.13E-03	
AP	ONS-2	392125006	2/24/2016	BETA	1.58E-02	1.25E-03	1.14E-03	
AP	ONS-3	392125007	2/24/2016	BETA	1.49E-02	1.18E-03	1.08E-03	
AP	ONS-4	392125008	2/24/2016	BETA	1.68E-02	1.29E-03	1.15E-03	
AP	ONS-5	392125009	2/24/2016	BETA	1.80E-02	1.30E-03	1.10E-03	
AP	ONS-6	392125010	2/24/2016	BETA	1.50E-02	1.22E-03	1.13E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	392609001	3/2/2016	BETA	2.37E-02	1.47E-03	1.17E-03	
AP	SBN	392609002	3/2/2016	BETA	2.24E-02	1.42E-03	1.17E-03	
AP	DOW	392609003	3/2/2016	BETA	2.30E-02	1.43E-03	1.16E-03	
AP	COL	392609004	3/2/2016	BETA	2.36E-02	1.46E-03	1.18E-03	
AP	ONS-1	392609005	3/2/2016	BETA	2.67E-02	1.55E-03	1.17E-03	
AP	ONS-2	392609006	3/2/2016	BETA	2.39E-02	1.42E-03	1.09E-03	
AP	ONS-3	392609007	3/2/2016	BETA	2.64E-02	1.55E-03	1.18E-03	
AP	ONS-4	392609008	3/2/2016	BETA	2.78E-02	1.57E-03	1.16E-03	
AP	ONS-5	392609009	3/2/2016	BETA	2.69E-02	1.61E-03	1.26E-03	
AP	ONS-6	392609010	3/2/2016	BETA	2.31E-02	1.54E-03	1.32E-03	
AP	NBF	393036001	3/9/2016	BETA	1.82E-02	1.34E-03	1.16E-03	
AP	SBN	393036002	3/9/2016	BETA	2.11E-02	1.44E-03	1.17E-03	
AP	DOW	393036003	3/9/2016	BETA	1.61E-02	1.28E-03	1.19E-03	
AP	COL	393036004	3/9/2016	BETA	1.87E-02	1.33E-03	1.12E-03	
AP	ONS-1	393036005	3/9/2016	BETA	1.71E-02	1.25E-03	1.07E-03	
AP	ONS-2	393036006	3/9/2016	BETA	1.69E-02	1.24E-03	1.08E-03	
AP	ONS-3	393036007	3/9/2016	BETA	1.71E-02	1.29E-03	1.15E-03	
AP	ONS-4	393036008	3/9/2016	BETA	1.94E-02	1.33E-03	1.08E-03	
AP	ONS-5	393036009	3/9/2016	BETA	2.05E-02	1.35E-03	1.06E-03	
AP	ONS-6	393036010	3/9/2016	BETA	1.77E-02	1.31E-03	1.15E-03	
AP	NBF	393504001	3/16/2016	BETA	1.66E-02	1.27E-03	1.21E-03	
AP	SBN	393504002	3/16/2016	BETA	1.63E-02	1.26E-03	1.21E-03	
AP	DOW	393504003	3/16/2016	BETA	1.42E-02	1.19E-03	1.22E-03	
AP	COL	393504004	3/16/2016	BETA	1.88E-02	1.34E-03	1.20E-03	
AP	ONS-1	393504005	3/16/2016	BETA	1.25E-02	1.10E-03	1.18E-03	
AP	ONS-2	393504006	3/16/2016	BETA	1.92E-02	1.33E-03	1.17E-03	
AP	ONS-3	393504007	3/16/2016	BETA	1.81E-02	1.29E-03	1.17E-03	
AP	ONS-4	393504008	3/16/2016	BETA	1.59E-02	1.21E-03	1.15E-03	
AP	ONS-5	393504009	3/16/2016	BETA	1.21E-02	1.07E-03	1.16E-03	
AP	ONS-6	393504010	3/16/2016	BETA	1.62E-02	1.27E-03	1.23E-03	
AP	NBF	393880001	3/23/2016	BETA	1.61E-02	1.22E-03	1.13E-03	
AP	SBN	393880002	3/23/2016	BETA	1.40E-02	1.13E-03	1.11E-03	
AP	DOW	393880003	3/23/2016	BETA	1.64E-02	1.20E-03	1.09E-03	
AP	COL	393880004	3/23/2016	BETA	1.51E-02	1.15E-03	1.08E-03	
AP	ONS-1	393880005	3/23/2016	BETA	1.49E-02	1.16E-03	1.11E-03	
AP	ONS-2	393880006	3/23/2016	BETA	1.47E-02	1.36E-03	1.50E-03	
AP	ONS-3	393880007	3/23/2016	BETA	1.69E-02	1.27E-03	1.17E-03	
AP	ONS-4	393880008	3/23/2016	BETA	1.42E-02	1.14E-03	1.12E-03	
AP	ONS-5	393880009	3/23/2016	BETA	1.87E-02	1.31E-03	1.14E-03	
AP	ONS-6	393880010	3/23/2016	BETA	1.53E-02	1.19E-03	1.13E-03	
AP	NBF	394190001	3/30/2016	BETA	2.37E-02	1.48E-03	1.24E-03	
AP	SBN	394190002	3/30/2016	BETA	1.75E-02	1.27E-03	1.24E-03	
AP	DOW	394190003	3/30/2016	BETA	1.72E-02	1.25E-03	1.21E-03	
AP	COL	394190004	3/30/2016	BETA	1.85E-02	1.28E-03	1.19E-03	
AP	ONS-1	394190005	3/30/2016	BETA	2.08E-02	1.38E-03	1.23E-03	
AP	ONS-2	394190006	3/30/2016	BETA	1.62E-02	1.24E-03	1.25E-03	
AP	ONS-3	394190007	3/30/2016	BETA	1.84E-02	1.32E-03	1.26E-03	
AP	ONS-4	394190008	3/30/2016	BETA	1.86E-02	1.28E-03	1.17E-03	
AP	ONS-5	394190009	3/30/2016	BETA	2.00E-02	1.35E-03	1.22E-03	
AP	ONS-6	394190010	3/30/2016	BETA	1.79E-02	1.28E-03	1.22E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	394892001	4/6/2016	BETA	2.35E-02	1.45E-03	1.11E-03	
AP	SBN	394892002	4/6/2016	BETA	2.43E-02	1.48E-03	1.11E-03	
AP	DOW	394892003	4/6/2016	BETA	2.16E-02	1.40E-03	1.12E-03	
AP	COL	394892004	4/6/2016	BETA	2.15E-02	1.38E-03	1.09E-03	
AP	ONS-1	394892005	4/6/2016	BETA	2.11E-02	1.38E-03	1.11E-03	
AP	ONS-2	394892006	4/6/2016	BETA	1.97E-02	1.35E-03	1.14E-03	
AP	ONS-3	394892007	4/6/2016	BETA	2.03E-02	1.37E-03	1.14E-03	
AP	ONS-4	394892008	4/6/2016	BETA	2.08E-02	1.36E-03	1.10E-03	
AP	ONS-5	394892009	4/6/2016	BETA	2.28E-02	1.44E-03	1.12E-03	
AP	ONS-6	394892010	4/6/2016	BETA	1.87E-02	1.31E-03	1.12E-03	
AP	NBF	395460001	4/13/2016	BETA	1.82E-02	1.29E-03	1.12E-03	
AP	SBN	395460002	4/13/2016	BETA	1.65E-02	1.23E-03	1.12E-03	
AP	DOW	395460003	4/13/2016	BETA	1.46E-02	1.16E-03	1.12E-03	
AP	COL	395460004	4/13/2016	BETA	1.27E-02	1.09E-03	1.13E-03	
AP	ONS-1	395460005	4/13/2016	BETA	1.64E-02	1.23E-03	1.13E-03	
AP	ONS-2	395460006	4/13/2016	BETA	1.54E-02	1.20E-03	1.13E-03	
AP	ONS-3	395460007	4/13/2016	BETA	1.53E-02	1.19E-03	1.12E-03	
AP	ONS-4	395460008	4/13/2016	BETA	1.63E-02	1.21E-03	1.10E-03	
AP	ONS-5	395460009	4/13/2016	BETA	1.60E-02	1.21E-03	1.12E-03	
AP	ONS-6	395460010	4/13/2016	BETA	1.65E-02	1.22E-03	1.11E-03	
AP	NBF	395901001	4/20/2016	BETA	2.18E-02	1.45E-03	1.23E-03	
AP	SBN	395901002	4/20/2016	BETA	2.58E-02	1.56E-03	1.21E-03	
AP	DOW	395901003	4/20/2016	BETA	2.18E-02	1.43E-03	1.20E-03	
AP	COL	395901004	4/20/2016	BETA	2.60E-02	1.57E-03	1.23E-03	
AP	ONS-1	395901005	4/20/2016	BETA	2.57E-02	1.54E-03	1.19E-03	
AP	ONS-2	395901006	4/20/2016	BETA	2.73E-02	1.60E-03	1.21E-03	
AP	ONS-3	395901007	4/20/2016	BETA	2.56E-02	1.56E-03	1.22E-03	
AP	ONS-4	395901008	4/20/2016	BETA	2.36E-02	1.49E-03	1.20E-03	
AP	ONS-5	395901009	4/20/2016	BETA	2.86E-02	1.63E-03	1.20E-03	
AP	ONS-6	395901010	4/20/2016	BETA	2.76E-02	1.58E-03	1.17E-03	
AP	NBF	396336001	4/27/2016	BETA	2.35E-02	1.51E-03	1.22E-03	
AP	SBN	396336002	4/27/2016	BETA	2.03E-02	1.39E-03	1.19E-03	
AP	DOW	396336003	4/27/2016	BETA	1.88E-02	1.33E-03	1.17E-03	
AP	COL	396336004	4/27/2016	BETA	2.20E-02	1.44E-03	1.19E-03	
AP	ONS-1	396336005	4/27/2016	BETA	2.20E-02	1.43E-03	1.17E-03	
AP	ONS-2	396336006	4/27/2016	BETA	2.38E-02	1.50E-03	1.18E-03	
AP	ONS-3	396336007	4/27/2016	BETA	2.00E-02	1.38E-03	1.18E-03	
AP	ONS-4	396336008	4/27/2016	BETA	2.11E-02	1.40E-03	1.16E-03	
AP	ONS-5	396336009	4/27/2016	BETA	1.93E-02	1.34E-03	1.16E-03	
AP	ONS-6	396336010	4/27/2016	BETA	1.77E-02	1.28E-03	1.15E-03	
AP	NBF	396892001	5/4/2016	BETA	1.58E-02	1.22E-03	1.20E-03	
AP	SBN	396892002	5/4/2016	BETA	1.32E-02	1.13E-03	1.21E-03	
AP	DOW	396892003	5/4/2016	BETA	1.67E-02	1.25E-03	1.19E-03	
AP	COL	396892004	5/4/2016	BETA	1.60E-02	1.23E-03	1.19E-03	
AP	ONS-1	396892005	5/4/2016	BETA	1.61E-02	1.22E-03	1.17E-03	
AP	ONS-2	396892006	5/4/2016	BETA	1.55E-02	1.19E-03	1.15E-03	
AP	ONS-3	396892007	5/4/2016	BETA	1.58E-02	1.19E-03	1.14E-03	
AP	ONS-4	396892008	5/4/2016	BETA	1.49E-02	1.19E-03	1.19E-03	
AP	ONS-5	396892009	5/4/2016	BETA	1.71E-02	1.26E-03	1.18E-03	
AP	ONS-6	396892010	5/4/2016	BETA	1.39E-02	1.16E-03	1.20E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	397370001	5/11/2016	BETA	1.21E-02	1.09E-03	1.14E-03	
AP	SBN	397370002	5/11/2016	BETA	1.95E-02	1.37E-03	1.16E-03	
AP	DOW	397370003	5/11/2016	BETA	1.16E-02	1.09E-03	1.20E-03	
AP	COL	397370004	5/11/2016	BETA	1.52E-02	1.21E-03	1.14E-03	
AP	ONS-1	397370005	5/11/2016	BETA	1.56E-02	1.25E-03	1.19E-03	
AP	ONS-2	397370006	5/11/2016	BETA	1.62E-02	1.22E-03	1.10E-03	
AP	ONS-3	397370007	5/11/2016	BETA	1.58E-02	1.25E-03	1.18E-03	
AP	ONS-4	397370008	5/11/2016	BETA	1.51E-02	1.18E-03	1.10E-03	
AP	ONS-5	397370009	5/11/2016	BETA	1.73E-02	1.29E-03	1.14E-03	
AP	ONS-6	397370010	5/11/2016	BETA	1.26E-02	1.10E-03	1.12E-03	
AP	NBF	397851001	5/18/2016	BETA	1.54E-02	1.19E-03	1.10E-03	
AP	SBN	397851002	5/18/2016	BETA	1.53E-02	1.21E-03	1.14E-03	
AP	DOW	397851003	5/18/2016	BETA	1.35E-02	1.11E-03	1.08E-03	
AP	COL	397851004	5/18/2016	BETA	1.53E-02	1.17E-03	1.07E-03	
AP	ONS-1	397851005	5/18/2016	BETA	1.54E-02	1.18E-03	1.08E-03	
AP	ONS-2	397851006	5/18/2016	BETA	1.31E-02	1.11E-03	1.11E-03	
AP	ONS-3	397851007	5/18/2016	BETA	1.54E-02	1.15E-03	1.02E-03	
AP	ONS-4	397851008	5/18/2016	BETA	1.48E-02	1.17E-03	1.09E-03	
AP	ONS-5	397851009	5/18/2016	BETA	1.67E-02	1.18E-03	9.98E-04	
AP	ONS-6	397851010	5/18/2016	BETA	1.36E-02	1.12E-03	1.09E-03	
AP	NBF	402840001	6/29/2016	Ac-228	-2.04E-04	5.13E-04	1.77E-03	U
AP	NBF	402840001	6/29/2016	Ag-108m	1.17E-04	1.07E-04	3.70E-04	U
AP	NBF	402840001	6/29/2016	Ag-110m	-1.77E-04	2.36E-04	6.87E-04	U
AP	NBF	402840001	6/29/2016	Ba-140	-2.55E-02	5.95E-02	1.90E-01	U
AP	NBF	402840001	6/29/2016	Be-7	1.63E-01	1.33E-02	1.22E-02	
AP	NBF	402840001	6/29/2016	Ce-141	1.97E-05	1.08E-03	3.60E-03	U
AP	NBF	402840001	6/29/2016	Ce-144	-3.80E-05	6.76E-04	2.25E-03	U
AP	NBF	402840001	6/29/2016	Co-57	4.51E-05	1.02E-04	3.48E-04	U
AP	NBF	402840001	6/29/2016	Co-58	-5.40E-04	3.03E-04	6.20E-04	U
AP	NBF	402840001	6/29/2016	Co-60	8.94E-05	1.50E-04	5.30E-04	U
AP	NBF	402840001	6/29/2016	Cr-51	1.82E-04	1.01E-02	3.30E-02	U
AP	NBF	402840001	6/29/2016	Cs-134	1.78E-04	1.62E-04	5.87E-04	U
AP	NBF	402840001	6/29/2016	Cs-137	-6.66E-05	1.31E-04	4.08E-04	U
AP	NBF	402840001	6/29/2016	Fe-59	1.24E-03	8.24E-04	3.26E-03	U
AP	NBF	402840001	6/29/2016	I-131	3.04E-01	3.58E-01	0.00E+00	UI
AP	NBF	402840001	6/29/2016	K-40	2.96E-03	1.69E-03	2.25E-03	UI
AP	NBF	402840001	6/29/2016	La-140	6.37E-03	3.13E-02	1.08E-01	U
AP	NBF	402840001	6/29/2016	Mn-54	2.46E-04	1.76E-04	6.40E-04	U
AP	NBF	402840001	6/29/2016	Nb-95	1.83E-04	3.62E-04	1.26E-03	U
AP	NBF	402840001	6/29/2016	Ru-103	5.41E-04	5.69E-04	1.96E-03	U
AP	NBF	402840001	6/29/2016	Ru-106	3.13E-03	1.49E-03	5.35E-03	U
AP	NBF	402840001	6/29/2016	Sb-124	-8.18E-05	1.04E-03	3.41E-03	U
AP	NBF	402840001	6/29/2016	Sb-125	-7.05E-05	3.66E-04	1.16E-03	U
AP	NBF	402840001	6/29/2016	Se-75	-3.79E-05	2.48E-04	8.02E-04	U
AP	NBF	402840001	6/29/2016	Th-228	4.44E-05	2.17E-04	7.43E-04	U
AP	NBF	402840001	6/29/2016	Zn-65	7.39E-04	4.27E-04	1.58E-03	U
AP	NBF	402840001	6/29/2016	Zr-95	8.40E-04	6.74E-04	2.44E-03	U
AP	SBN	402840002	6/29/2016	Ac-228	-3.51E-04	5.78E-04	1.93E-03	U
AP	SBN	402840002	6/29/2016	Ag-108m	-4.87E-05	1.11E-04	3.51E-04	U
AP	SBN	402840002	6/29/2016	Ag-110m	-1.69E-05	2.16E-04	7.19E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	SBN	402840002	6/29/2016	Ba-140	-1.23E-01	7.41E-02	1.78E-01	U
AP	SBN	402840002	6/29/2016	Be-7	1.81E-01	1.51E-02	1.28E-02	
AP	SBN	402840002	6/29/2016	Ce-141	2.71E-03	2.12E-03	3.11E-03	U
AP	SBN	402840002	6/29/2016	Ce-144	5.02E-04	8.39E-04	2.76E-03	U
AP	SBN	402840002	6/29/2016	Co-57	-8.66E-09	9.77E-05	3.15E-04	U
AP	SBN	402840002	6/29/2016	Co-58	-1.93E-04	2.54E-04	6.97E-04	U
AP	SBN	402840002	6/29/2016	Co-60	-5.00E-05	1.33E-04	4.03E-04	U
AP	SBN	402840002	6/29/2016	Cr-51	-5.25E-03	9.89E-03	3.15E-02	U
AP	SBN	402840002	6/29/2016	Cs-134	2.34E-04	1.66E-04	5.95E-04	U
AP	SBN	402840002	6/29/2016	Cs-137	-4.53E-05	1.61E-04	5.09E-04	U
AP	SBN	402840002	6/29/2016	Fe-59	-9.23E-04	1.09E-03	3.09E-03	U
AP	SBN	402840002	6/29/2016	I-131	1.56E+00	5.86E-01	0.00E+00	UI
AP	SBN	402840002	6/29/2016	K-40	-2.49E-03	1.79E-03	4.59E-03	U
AP	SBN	402840002	6/29/2016	La-140	-1.07E-02	2.22E-02	6.35E-02	U
AP	SBN	402840002	6/29/2016	Mn-54	6.56E-05	1.59E-04	5.56E-04	U
AP	SBN	402840002	6/29/2016	Nb-95	-4.02E-04	4.43E-04	1.26E-03	U
AP	SBN	402840002	6/29/2016	Ru-103	7.69E-05	5.99E-04	1.99E-03	U
AP	SBN	402840002	6/29/2016	Ru-106	1.67E-03	1.61E-03	5.55E-03	U
AP	SBN	402840002	6/29/2016	Sb-124	-3.31E-04	1.27E-03	3.96E-03	U
AP	SBN	402840002	6/29/2016	Sb-125	5.47E-04	4.08E-04	1.29E-03	U
AP	SBN	402840002	6/29/2016	Se-75	3.63E-04	2.45E-04	8.44E-04	U
AP	SBN	402840002	6/29/2016	Th-228	9.97E-05	2.12E-04	7.26E-04	U
AP	SBN	402840002	6/29/2016	Zn-65	2.10E-05	3.58E-04	1.20E-03	U
AP	SBN	402840002	6/29/2016	Zr-95	-5.17E-04	8.12E-04	2.43E-03	U
AP	DOW	402840003	6/29/2016	Ac-228	-4.95E-04	4.98E-04	1.50E-03	U
AP	DOW	402840003	6/29/2016	Ag-108m	3.50E-05	6.93E-05	2.36E-04	U
AP	DOW	402840003	6/29/2016	Ag-110m	-2.71E-06	1.83E-04	5.97E-04	U
AP	DOW	402840003	6/29/2016	Ba-140	-5.49E-03	5.71E-02	1.63E-01	U
AP	DOW	402840003	6/29/2016	Be-7	1.77E-01	1.24E-02	6.45E-03	
AP	DOW	402840003	6/29/2016	Ce-141	-9.68E-06	7.89E-04	2.52E-03	U
AP	DOW	402840003	6/29/2016	Ce-144	-4.83E-05	5.77E-04	1.81E-03	U
AP	DOW	402840003	6/29/2016	Co-57	1.04E-04	6.37E-05	2.28E-04	U
AP	DOW	402840003	6/29/2016	Co-58	-6.29E-05	2.54E-04	8.11E-04	U
AP	DOW	402840003	6/29/2016	Co-60	-1.72E-04	1.37E-04	3.31E-04	U
AP	DOW	402840003	6/29/2016	Cr-51	-2.36E-06	6.69E-03	2.22E-02	U
AP	DOW	402840003	6/29/2016	Cs-134	2.61E-05	1.33E-04	4.47E-04	U
AP	DOW	402840003	6/29/2016	Cs-137	-3.31E-05	9.87E-05	2.83E-04	U
AP	DOW	402840003	6/29/2016	Fe-59	-1.15E-03	7.36E-04	1.21E-03	U
AP	DOW	402840003	6/29/2016	I-131	1.38E-01	2.80E-01	0.00E+00	UI
AP	DOW	402840003	6/29/2016	K-40	-3.38E-04	1.45E-03	5.20E-03	U
AP	DOW	402840003	6/29/2016	La-140	-1.90E-02	2.90E-02	8.44E-02	U
AP	DOW	402840003	6/29/2016	Mn-54	-5.10E-06	1.40E-04	4.57E-04	U
AP	DOW	402840003	6/29/2016	Nb-95	-2.53E-04	2.73E-04	7.77E-04	U
AP	DOW	402840003	6/29/2016	Ru-103	3.59E-04	4.57E-04	1.56E-03	U
AP	DOW	402840003	6/29/2016	Ru-106	1.61E-03	9.04E-04	3.33E-03	U
AP	DOW	402840003	6/29/2016	Sb-124	6.07E-04	6.44E-04	2.51E-03	U
AP	DOW	402840003	6/29/2016	Sb-125	-3.54E-05	2.26E-04	7.21E-04	U
AP	DOW	402840003	6/29/2016	Se-75	3.81E-04	2.07E-04	7.01E-04	U
AP	DOW	402840003	6/29/2016	Th-228	-7.75E-05	1.74E-04	5.80E-04	U
AP	DOW	402840003	6/29/2016	Zn-65	2.76E-05	3.06E-04	9.99E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	DOW	402840003	6/29/2016	Zr-95	-5.55E-04	4.31E-04	1.08E-03	U
AP	COL	402840004	6/29/2016	Ac-228	-2.13E-04	5.14E-04	1.66E-03	U
AP	COL	402840004	6/29/2016	Ag-108m	-2.19E-04	1.35E-04	2.69E-04	U
AP	COL	402840004	6/29/2016	Ag-110m	-2.68E-04	1.86E-04	4.15E-04	U
AP	COL	402840004	6/29/2016	Ba-140	3.57E-02	5.59E-02	1.97E-01	U
AP	COL	402840004	6/29/2016	Be-7	1.78E-01	1.29E-02	7.49E-03	
AP	COL	402840004	6/29/2016	Ce-141	-8.58E-04	9.89E-04	3.10E-03	U
AP	COL	402840004	6/29/2016	Ce-144	8.65E-04	7.37E-04	2.52E-03	U
AP	COL	402840004	6/29/2016	Co-57	3.78E-05	8.55E-05	2.93E-04	U
AP	COL	402840004	6/29/2016	Co-58	-2.61E-04	2.74E-04	7.59E-04	U
AP	COL	402840004	6/29/2016	Co-60	4.81E-06	1.09E-04	3.66E-04	U
AP	COL	402840004	6/29/2016	Cr-51	2.62E-03	8.53E-03	2.83E-02	U
AP	COL	402840004	6/29/2016	Cs-134	1.65E-04	1.76E-04	5.58E-04	U
AP	COL	402840004	6/29/2016	Cs-137	1.21E-05	1.17E-04	3.90E-04	U
AP	COL	402840004	6/29/2016	Fe-59	1.57E-04	9.83E-04	3.37E-03	U
AP	COL	402840004	6/29/2016	I-131	-5.63E-01	3.40E-01	0.00E+00	U
AP	COL	402840004	6/29/2016	K-40	-1.63E-03	1.74E-03	5.51E-03	U
AP	COL	402840004	6/29/2016	La-140	-3.54E-02	2.61E-02	5.72E-02	U
AP	COL	402840004	6/29/2016	Mn-54	3.90E-05	1.02E-04	3.54E-04	U
AP	COL	402840004	6/29/2016	Nb-95	4.04E-04	3.84E-04	1.34E-03	U
AP	COL	402840004	6/29/2016	Ru-103	-5.95E-04	5.19E-04	1.50E-03	U
AP	COL	402840004	6/29/2016	Ru-106	2.39E-04	1.16E-03	3.94E-03	U
AP	COL	402840004	6/29/2016	Sb-124	6.46E-04	6.78E-04	2.65E-03	U
AP	COL	402840004	6/29/2016	Sb-125	2.40E-04	3.55E-04	1.18E-03	U
AP	COL	402840004	6/29/2016	Se-75	-3.17E-04	2.83E-04	8.39E-04	U
AP	COL	402840004	6/29/2016	Th-228	2.23E-04	2.13E-04	7.15E-04	U
AP	COL	402840004	6/29/2016	Zn-65	5.92E-05	3.63E-04	1.24E-03	U
AP	COL	402840004	6/29/2016	Zr-95	-2.75E-04	5.71E-04	1.80E-03	U
AP	ONS-1	402840005	6/29/2016	Ac-228	-1.50E-04	5.42E-04	1.82E-03	U
AP	ONS-1	402840005	6/29/2016	Ag-108m	4.95E-05	1.01E-04	3.45E-04	U
AP	ONS-1	402840005	6/29/2016	Ag-110m	-1.18E-04	1.76E-04	4.94E-04	U
AP	ONS-1	402840005	6/29/2016	Ba-140	-2.23E-02	6.27E-02	1.94E-01	U
AP	ONS-1	402840005	6/29/2016	Be-7	1.60E-01	1.42E-02	1.16E-02	
AP	ONS-1	402840005	6/29/2016	Ce-141	4.74E-04	9.63E-04	3.28E-03	U
AP	ONS-1	402840005	6/29/2016	Ce-144	9.71E-04	9.26E-04	2.14E-03	U
AP	ONS-1	402840005	6/29/2016	Co-57	-1.03E-05	8.50E-05	2.84E-04	U
AP	ONS-1	402840005	6/29/2016	Co-58	-4.70E-04	3.41E-04	8.59E-04	U
AP	ONS-1	402840005	6/29/2016	Co-60	4.04E-05	1.79E-04	6.05E-04	U
AP	ONS-1	402840005	6/29/2016	Cr-51	-6.51E-04	8.54E-03	2.85E-02	U
AP	ONS-1	402840005	6/29/2016	Cs-134	-1.30E-05	1.84E-04	6.02E-04	U
AP	ONS-1	402840005	6/29/2016	Cs-137	1.72E-04	1.43E-04	5.12E-04	U
AP	ONS-1	402840005	6/29/2016	Fe-59	9.42E-05	1.09E-03	3.68E-03	U
AP	ONS-1	402840005	6/29/2016	I-131	-1.46E-01	3.95E-01	0.00E+00	U
AP	ONS-1	402840005	6/29/2016	K-40	1.02E-03	1.82E-03	6.99E-03	U
AP	ONS-1	402840005	6/29/2016	La-140	3.91E-02	2.61E-02	1.05E-01	U
AP	ONS-1	402840005	6/29/2016	Mn-54	9.08E-05	1.38E-04	4.89E-04	U
AP	ONS-1	402840005	6/29/2016	Nb-95	-5.15E-04	3.66E-04	9.68E-04	U
AP	ONS-1	402840005	6/29/2016	Ru-103	1.48E-04	4.81E-04	1.62E-03	U
AP	ONS-1	402840005	6/29/2016	Ru-106	-1.06E-03	1.29E-03	3.88E-03	U
AP	ONS-1	402840005	6/29/2016	Sb-124	-1.13E-03	7.06E-04	0.00E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-1	402840005	6/29/2016	Sb-125	-8.88E-05	2.86E-04	9.11E-04	U
AP	ONS-1	402840005	6/29/2016	Se-75	-3.20E-05	2.58E-04	8.24E-04	U
AP	ONS-1	402840005	6/29/2016	Th-228	1.11E-04	2.32E-04	7.20E-04	U
AP	ONS-1	402840005	6/29/2016	Zn-65	-1.06E-03	4.94E-04	8.83E-04	U
AP	ONS-1	402840005	6/29/2016	Zr-95	4.09E-04	4.31E-04	1.60E-03	U
AP	ONS-2	402840006	6/29/2016	Ac-228	-2.14E-04	4.64E-04	1.45E-03	U
AP	ONS-2	402840006	6/29/2016	Ag-108m	2.90E-04	1.46E-04	3.75E-04	U
AP	ONS-2	402840006	6/29/2016	Ag-110m	-3.49E-04	2.47E-04	5.93E-04	U
AP	ONS-2	402840006	6/29/2016	Ba-140	2.24E-02	5.21E-02	1.82E-01	U
AP	ONS-2	402840006	6/29/2016	Be-7	1.69E-01	1.39E-02	8.82E-03	
AP	ONS-2	402840006	6/29/2016	Ce-141	3.95E-04	1.14E-03	3.70E-03	U
AP	ONS-2	402840006	6/29/2016	Ce-144	1.21E-04	7.25E-04	2.35E-03	U
AP	ONS-2	402840006	6/29/2016	Co-57	2.86E-05	9.92E-05	3.25E-04	U
AP	ONS-2	402840006	6/29/2016	Co-58	9.38E-05	2.84E-04	9.62E-04	U
AP	ONS-2	402840006	6/29/2016	Co-60	-1.52E-04	1.53E-04	3.95E-04	U
AP	ONS-2	402840006	6/29/2016	Cr-51	-3.55E-03	8.89E-03	2.83E-02	U
AP	ONS-2	402840006	6/29/2016	Cs-134	5.65E-05	1.67E-04	5.64E-04	U
AP	ONS-2	402840006	6/29/2016	Cs-137	5.96E-05	1.26E-04	4.34E-04	U
AP	ONS-2	402840006	6/29/2016	Fe-59	1.07E-03	1.02E-03	3.76E-03	U
AP	ONS-2	402840006	6/29/2016	I-131	7.12E-02	3.28E-01	0.00E+00	UI
AP	ONS-2	402840006	6/29/2016	K-40	6.66E-03	2.66E-03	9.41E-03	U
AP	ONS-2	402840006	6/29/2016	La-140	1.96E-03	1.47E-02	4.96E-02	U
AP	ONS-2	402840006	6/29/2016	Mn-54	-2.69E-04	1.65E-04	3.72E-04	U
AP	ONS-2	402840006	6/29/2016	Nb-95	9.14E-05	3.27E-04	1.08E-03	U
AP	ONS-2	402840006	6/29/2016	Ru-103	1.97E-05	4.52E-04	1.53E-03	U
AP	ONS-2	402840006	6/29/2016	Ru-106	2.44E-03	1.40E-03	4.96E-03	U
AP	ONS-2	402840006	6/29/2016	Sb-124	-3.18E-04	5.98E-04	1.66E-03	U
AP	ONS-2	402840006	6/29/2016	Sb-125	2.04E-04	3.11E-04	9.49E-04	U
AP	ONS-2	402840006	6/29/2016	Se-75	1.65E-04	2.44E-04	8.12E-04	U
AP	ONS-2	402840006	6/29/2016	Th-228	3.16E-04	2.13E-04	6.39E-04	U
AP	ONS-2	402840006	6/29/2016	Zn-65	4.15E-04	3.01E-04	1.16E-03	U
AP	ONS-2	402840006	6/29/2016	Zr-95	-7.86E-04	5.03E-04	1.10E-03	U
AP	ONS-3	402840007	6/29/2016	Ac-228	-3.98E-06	4.15E-04	1.49E-03	U
AP	ONS-3	402840007	6/29/2016	Ag-108m	5.46E-05	8.94E-05	3.03E-04	U
AP	ONS-3	402840007	6/29/2016	Ag-110m	6.11E-04	2.45E-04	8.55E-04	U
AP	ONS-3	402840007	6/29/2016	Ba-140	5.18E-02	5.59E-02	1.92E-01	U
AP	ONS-3	402840007	6/29/2016	Be-7	1.76E-01	1.37E-02	8.19E-03	
AP	ONS-3	402840007	6/29/2016	Ce-141	-7.01E-04	9.73E-04	2.68E-03	U
AP	ONS-3	402840007	6/29/2016	Ce-144	-6.18E-04	5.75E-04	1.68E-03	U
AP	ONS-3	402840007	6/29/2016	Co-57	3.95E-05	8.50E-05	2.83E-04	U
AP	ONS-3	402840007	6/29/2016	Co-58	-3.76E-04	2.47E-04	5.67E-04	U
AP	ONS-3	402840007	6/29/2016	Co-60	8.36E-05	1.20E-04	4.37E-04	U
AP	ONS-3	402840007	6/29/2016	Cr-51	5.00E-03	7.13E-03	2.45E-02	U
AP	ONS-3	402840007	6/29/2016	Cs-134	1.12E-04	1.31E-04	4.64E-04	U
AP	ONS-3	402840007	6/29/2016	Cs-137	3.05E-05	1.18E-04	4.02E-04	U
AP	ONS-3	402840007	6/29/2016	Fe-59	1.37E-03	8.28E-04	3.19E-03	U
AP	ONS-3	402840007	6/29/2016	I-131	5.04E-02	3.02E-01	0.00E+00	UI
AP	ONS-3	402840007	6/29/2016	K-40	2.70E-03	2.01E-03	7.61E-03	U
AP	ONS-3	402840007	6/29/2016	La-140	-3.82E-02	2.48E-02	4.68E-02	U
AP	ONS-3	402840007	6/29/2016	Mn-54	2.68E-06	1.26E-04	4.21E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-3	402840007	6/29/2016	Nb-95	-8.29E-05	2.85E-04	9.02E-04	U
AP	ONS-3	402840007	6/29/2016	Ru-103	-1.38E-04	3.77E-04	1.15E-03	U
AP	ONS-3	402840007	6/29/2016	Ru-106	-1.70E-03	1.25E-03	2.63E-03	U
AP	ONS-3	402840007	6/29/2016	Sb-124	1.77E-05	8.16E-04	2.74E-03	U
AP	ONS-3	402840007	6/29/2016	Sb-125	2.70E-04	2.34E-04	8.23E-04	U
AP	ONS-3	402840007	6/29/2016	Se-75	3.07E-04	2.34E-04	7.59E-04	U
AP	ONS-3	402840007	6/29/2016	Th-228	1.34E-04	1.78E-04	6.26E-04	U
AP	ONS-3	402840007	6/29/2016	Zn-65	-3.92E-04	3.17E-04	8.15E-04	U
AP	ONS-3	402840007	6/29/2016	Zr-95	7.66E-04	5.25E-04	1.90E-03	U
AP	ONS-4	402840008	6/29/2016	Ac-228	-4.04E-04	4.47E-04	1.35E-03	U
AP	ONS-4	402840008	6/29/2016	Ag-108m	-4.73E-05	8.50E-05	2.54E-04	U
AP	ONS-4	402840008	6/29/2016	Ag-110m	-1.93E-04	1.90E-04	5.08E-04	U
AP	ONS-4	402840008	6/29/2016	Ba-140	-5.12E-02	4.51E-02	1.26E-01	U
AP	ONS-4	402840008	6/29/2016	Be-7	1.70E-01	1.21E-02	6.84E-03	
AP	ONS-4	402840008	6/29/2016	Ce-141	-1.27E-04	9.29E-04	2.93E-03	U
AP	ONS-4	402840008	6/29/2016	Ce-144	-1.01E-03	6.37E-04	1.69E-03	U
AP	ONS-4	402840008	6/29/2016	Co-57	1.33E-05	7.58E-05	2.45E-04	U
AP	ONS-4	402840008	6/29/2016	Co-58	-3.36E-04	3.04E-04	6.47E-04	U
AP	ONS-4	402840008	6/29/2016	Co-60	-2.39E-04	1.66E-04	4.00E-04	U
AP	ONS-4	402840008	6/29/2016	Cr-51	-1.06E-02	8.33E-03	2.37E-02	U
AP	ONS-4	402840008	6/29/2016	Cs-134	-8.87E-05	1.39E-04	4.16E-04	U
AP	ONS-4	402840008	6/29/2016	Cs-137	-1.61E-04	1.15E-04	3.02E-04	U
AP	ONS-4	402840008	6/29/2016	Fe-59	2.13E-05	1.11E-03	3.69E-03	U
AP	ONS-4	402840008	6/29/2016	I-131	-1.75E-01	2.88E-01	0.00E+00	U
AP	ONS-4	402840008	6/29/2016	K-40	6.75E-03	1.62E-03	3.60E-03	UI
AP	ONS-4	402840008	6/29/2016	La-140	3.10E-03	2.22E-02	7.59E-02	U
AP	ONS-4	402840008	6/29/2016	Mn-54	1.22E-04	1.47E-04	5.07E-04	U
AP	ONS-4	402840008	6/29/2016	Nb-95	3.45E-04	3.68E-04	1.14E-03	U
AP	ONS-4	402840008	6/29/2016	Ru-103	1.83E-04	5.24E-04	1.80E-03	U
AP	ONS-4	402840008	6/29/2016	Ru-106	-2.34E-04	1.07E-03	3.46E-03	U
AP	ONS-4	402840008	6/29/2016	Sb-124	-4.73E-04	8.48E-04	2.55E-03	U
AP	ONS-4	402840008	6/29/2016	Sb-125	9.91E-05	2.18E-04	7.31E-04	U
AP	ONS-4	402840008	6/29/2016	Se-75	-3.57E-04	2.21E-04	6.04E-04	U
AP	ONS-4	402840008	6/29/2016	Th-228	7.41E-05	1.82E-04	6.37E-04	U
AP	ONS-4	402840008	6/29/2016	Zn-65	5.41E-04	3.96E-04	1.42E-03	U
AP	ONS-4	402840008	6/29/2016	Zr-95	6.56E-04	5.02E-04	1.78E-03	U
AP	ONS-5	402840009	6/29/2016	Ac-228	3.22E-04	5.01E-04	1.92E-03	U
AP	ONS-5	402840009	6/29/2016	Ag-108m	-1.57E-04	1.16E-04	3.06E-04	U
AP	ONS-5	402840009	6/29/2016	Ag-110m	-1.23E-05	2.45E-04	8.04E-04	U
AP	ONS-5	402840009	6/29/2016	Ba-140	2.16E-02	7.20E-02	2.49E-01	U
AP	ONS-5	402840009	6/29/2016	Be-7	1.59E-01	1.11E-02	9.31E-03	
AP	ONS-5	402840009	6/29/2016	Ce-141	-4.50E-04	1.04E-03	3.35E-03	U
AP	ONS-5	402840009	6/29/2016	Ce-144	-1.62E-03	7.46E-04	1.83E-03	U
AP	ONS-5	402840009	6/29/2016	Co-57	1.81E-04	1.00E-04	3.34E-04	U
AP	ONS-5	402840009	6/29/2016	Co-58	4.15E-04	3.28E-04	1.19E-03	U
AP	ONS-5	402840009	6/29/2016	Co-60	1.32E-04	1.36E-04	5.06E-04	U
AP	ONS-5	402840009	6/29/2016	Cr-51	1.15E-02	9.76E-03	3.32E-02	U
AP	ONS-5	402840009	6/29/2016	Cs-134	2.33E-04	1.51E-04	5.60E-04	U
AP	ONS-5	402840009	6/29/2016	Cs-137	-1.01E-04	1.42E-04	4.33E-04	U
AP	ONS-5	402840009	6/29/2016	Fe-59	1.12E-03	9.95E-04	3.68E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-5	402840009	6/29/2016	I-131	-8.65E-01	4.20E-01	0.00E+00	U
AP	ONS-5	402840009	6/29/2016	K-40	1.40E-03	1.40E-03	4.38E-03	U
AP	ONS-5	402840009	6/29/2016	La-140	2.30E-02	2.05E-02	8.19E-02	U
AP	ONS-5	402840009	6/29/2016	Mn-54	2.46E-05	1.45E-04	4.89E-04	U
AP	ONS-5	402840009	6/29/2016	Nb-95	5.76E-04	3.67E-04	1.33E-03	U
AP	ONS-5	402840009	6/29/2016	Ru-103	-1.64E-03	7.11E-04	8.88E-04	U
AP	ONS-5	402840009	6/29/2016	Ru-106	-1.24E-03	1.38E-03	4.11E-03	U
AP	ONS-5	402840009	6/29/2016	Sb-124	-6.73E-04	8.99E-04	2.46E-03	U
AP	ONS-5	402840009	6/29/2016	Sb-125	2.82E-04	3.56E-04	1.21E-03	U
AP	ONS-5	402840009	6/29/2016	Se-75	-3.30E-05	2.28E-04	7.39E-04	U
AP	ONS-5	402840009	6/29/2016	Th-228	1.21E-04	2.26E-04	7.16E-04	U
AP	ONS-5	402840009	6/29/2016	Zn-65	4.89E-04	3.65E-04	1.36E-03	U
AP	ONS-5	402840009	6/29/2016	Zr-95	-3.37E-04	4.82E-04	1.41E-03	U
AP	ONS-6	402840010	6/29/2016	Ac-228	-9.22E-04	6.41E-04	1.84E-03	U
AP	ONS-6	402840010	6/29/2016	Ag-108m	-2.18E-05	9.27E-05	2.99E-04	U
AP	ONS-6	402840010	6/29/2016	Ag-110m	-1.23E-04	2.08E-04	6.37E-04	U
AP	ONS-6	402840010	6/29/2016	Ba-140	-3.58E-02	5.72E-02	1.71E-01	U
AP	ONS-6	402840010	6/29/2016	Be-7	1.81E-01	1.49E-02	1.04E-02	
AP	ONS-6	402840010	6/29/2016	Ce-141	-1.90E-04	1.08E-03	3.42E-03	U
AP	ONS-6	402840010	6/29/2016	Ce-144	4.16E-04	8.32E-04	2.73E-03	U
AP	ONS-6	402840010	6/29/2016	Co-57	2.76E-05	1.08E-04	3.51E-04	U
AP	ONS-6	402840010	6/29/2016	Co-58	-2.52E-04	3.54E-04	1.03E-03	U
AP	ONS-6	402840010	6/29/2016	Co-60	-1.77E-05	1.76E-04	5.73E-04	U
AP	ONS-6	402840010	6/29/2016	Cr-51	-1.33E-02	1.06E-02	3.11E-02	U
AP	ONS-6	402840010	6/29/2016	Cs-134	1.23E-04	1.30E-04	4.64E-04	U
AP	ONS-6	402840010	6/29/2016	Cs-137	-1.28E-04	1.55E-04	4.50E-04	U
AP	ONS-6	402840010	6/29/2016	Fe-59	-1.09E-03	9.34E-04	2.35E-03	U
AP	ONS-6	402840010	6/29/2016	I-131	1.42E-01	3.30E-01	0.00E+00	UI
AP	ONS-6	402840010	6/29/2016	K-40	4.49E-04	1.87E-03	6.57E-03	U
AP	ONS-6	402840010	6/29/2016	La-140	-2.95E-02	2.89E-02	7.37E-02	U
AP	ONS-6	402840010	6/29/2016	Mn-54	1.26E-04	1.38E-04	5.04E-04	U
AP	ONS-6	402840010	6/29/2016	Nb-95	-8.31E-04	4.34E-04	9.28E-04	U
AP	ONS-6	402840010	6/29/2016	Ru-103	6.25E-04	6.18E-04	2.14E-03	U
AP	ONS-6	402840010	6/29/2016	Ru-106	-4.96E-04	1.41E-03	4.11E-03	U
AP	ONS-6	402840010	6/29/2016	Sb-124	-4.19E-04	9.54E-04	2.81E-03	U
AP	ONS-6	402840010	6/29/2016	Sb-125	-2.19E-04	3.25E-04	9.97E-04	U
AP	ONS-6	402840010	6/29/2016	Se-75	-4.55E-04	2.75E-04	7.61E-04	U
AP	ONS-6	402840010	6/29/2016	Th-228	8.17E-05	2.11E-04	7.21E-04	U
AP	ONS-6	402840010	6/29/2016	Zn-65	-1.24E-06	4.15E-04	1.38E-03	U
AP	ONS-6	402840010	6/29/2016	Zr-95	-6.94E-04	7.10E-04	1.98E-03	U
AP	NBF	398279001	5/25/2016	BETA	2.31E-02	1.46E-03	1.16E-03	
AP	SBN	398279002	5/25/2016	BETA	2.45E-02	1.53E-03	1.20E-03	
AP	DOW	398279003	5/25/2016	BETA	2.41E-02	1.49E-03	1.15E-03	
AP	COL	398279004	5/25/2016	BETA	2.79E-02	1.61E-03	1.17E-03	
AP	ONS-1	398279005	5/25/2016	BETA	2.96E-02	1.63E-03	1.14E-03	
AP	ONS-2	398279006	5/25/2016	BETA	2.53E-02	1.54E-03	1.18E-03	
AP	ONS-3	398279007	5/25/2016	BETA	2.37E-02	1.50E-03	1.20E-03	
AP	ONS-4	398279008	5/25/2016	BETA	2.64E-02	1.55E-03	1.15E-03	
AP	ONS-5	398279009	5/25/2016	BETA	2.74E-02	1.61E-03	1.19E-03	
AP	ONS-6	398279010	5/25/2016	BETA	2.49E-02	1.52E-03	1.17E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	398620001	6/1/2016	BETA	2.19E-02	1.46E-03	1.20E-03	
AP	SBN	398620002	6/1/2016	BETA	2.24E-02	1.55E-03	1.32E-03	
AP	DOW	398620003	6/1/2016	BETA	2.13E-02	1.40E-03	1.15E-03	
AP	COL	398620004	6/1/2016	BETA	2.63E-02	1.56E-03	1.15E-03	
AP	ONS-1	398620005	6/1/2016	BETA	2.35E-02	1.52E-03	1.21E-03	
AP	ONS-2	398620006	6/1/2016	BETA	2.38E-02	1.46E-03	1.12E-03	
AP	ONS-3	398620007	6/1/2016	BETA	2.61E-02	1.55E-03	1.15E-03	
AP	ONS-4	398620008	6/1/2016	BETA	2.19E-02	1.42E-03	1.15E-03	
AP	ONS-5	398620009	6/1/2016	BETA	2.42E-02	1.46E-03	1.10E-03	
AP	ONS-6	398620010	6/1/2016	BETA	2.53E-02	1.54E-03	1.18E-03	
AP	NBF	399139001	6/8/2016	BETA	1.75E-02	1.29E-03	1.20E-03	
AP	SBN	399139002	6/8/2016	BETA	1.40E-02	1.32E-03	1.51E-03	
AP	DOW	399139003	6/8/2016	BETA	1.95E-02	1.34E-03	1.17E-03	
AP	COL	399139004	6/8/2016	BETA	1.65E-02	1.24E-03	1.17E-03	
AP	ONS-1	399139005	6/8/2016	BETA	1.61E-02	1.23E-03	1.18E-03	
AP	ONS-2	399139006	6/8/2016	BETA	1.87E-02	1.31E-03	1.16E-03	
AP	ONS-3	399139007	6/8/2016	BETA	1.58E-02	1.20E-03	1.14E-03	
AP	ONS-4	399139008	6/8/2016	BETA	1.80E-02	1.29E-03	1.17E-03	
AP	ONS-5	399139009	6/8/2016	BETA	1.45E-02	1.18E-03	1.20E-03	
AP	ONS-6	399139010	6/8/2016	BETA	1.71E-02	1.27E-03	1.18E-03	
AP	NBF	399591001	6/15/2016	BETA	2.62E-02	1.55E-03	1.18E-03	
AP	SBN	399591002	6/15/2016	BETA	2.62E-02	1.57E-03	1.21E-03	
AP	DOW	399591003	6/15/2016	BETA	2.56E-02	1.52E-03	1.16E-03	
AP	COL	399591004	6/15/2016	BETA	2.00E-02	1.34E-03	1.15E-03	
AP	ONS-1	399591005	6/15/2016	BETA	2.32E-02	1.46E-03	1.17E-03	
AP	ONS-2	399591006	6/15/2016	BETA	2.51E-02	1.50E-03	1.16E-03	
AP	ONS-3	399591007	6/15/2016	BETA	2.75E-02	1.59E-03	1.18E-03	
AP	ONS-4	399591008	6/15/2016	BETA	2.23E-02	1.42E-03	1.16E-03	
AP	ONS-5	399591009	6/15/2016	BETA	2.51E-02	1.51E-03	1.16E-03	
AP	ONS-6	399591010	6/15/2016	BETA	2.60E-02	1.55E-03	1.18E-03	
AP	NBF	400075001	6/22/2016	BETA	2.13E-02	1.40E-03	1.18E-03	
AP	SBN	400075002	6/22/2016	BETA	2.17E-02	1.44E-03	1.23E-03	
AP	DOW	400075003	6/22/2016	BETA	2.16E-02	1.40E-03	1.17E-03	
AP	COL	400075004	6/22/2016	BETA	2.11E-02	1.38E-03	1.16E-03	
AP	ONS-1	400075005	6/22/2016	BETA	2.32E-02	1.74E-03	1.66E-03	
AP	ONS-2	400075006	6/22/2016	BETA	2.10E-02	1.40E-03	1.21E-03	
AP	ONS-3	400075007	6/22/2016	BETA	2.41E-02	1.50E-03	1.20E-03	
AP	ONS-4	400075008	6/22/2016	BETA	2.16E-02	1.41E-03	1.18E-03	
AP	ONS-5	400075009	6/22/2016	BETA	2.62E-02	1.44E-03	1.02E-03	
AP	ONS-6	400075010	6/22/2016	BETA	2.67E-02	1.57E-03	1.20E-03	
AP	NBF	400502001	6/29/2016	BETA	1.91E-02	1.33E-03	1.25E-03	
AP	SBN	400502002	6/29/2016	BETA	1.76E-02	1.31E-03	1.31E-03	
AP	DOW	400502003	6/29/2016	BETA	1.59E-02	1.21E-03	1.23E-03	
AP	COL	400502004	6/29/2016	BETA	1.70E-02	1.25E-03	1.23E-03	
AP	ONS-1	400502005	6/29/2016	BETA	1.67E-02	1.64E-03	2.05E-03	
AP	ONS-2	400502006	6/29/2016	BETA	1.54E-02	1.21E-03	1.28E-03	
AP	ONS-3	400502007	6/29/2016	BETA	1.73E-02	1.28E-03	1.27E-03	
AP	ONS-4	400502008	6/29/2016	BETA	1.64E-02	1.24E-03	1.25E-03	
AP	ONS-5	400502009	6/29/2016	BETA	1.96E-02	1.36E-03	1.28E-03	
AP	ONS-6	400502010	6/29/2016	BETA	2.04E-02	1.39E-03	1.28E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	401150001	7/6/2016	BETA	2.38E-02	1.49E-03	1.22E-03	
AP	SBN	401150002	7/6/2016	BETA	2.24E-02	1.46E-03	1.24E-03	
AP	DOW	401150003	7/6/2016	BETA	2.21E-02	1.44E-03	1.22E-03	
AP	COL	401150004	7/6/2016	BETA	2.29E-02	1.44E-03	1.19E-03	
AP	ONS-1	401150005	7/6/2016	BETA	2.13E-02	1.38E-03	1.18E-03	
AP	ONS-2	401150006	7/6/2016	BETA	2.14E-02	1.40E-03	1.20E-03	
AP	ONS-3	401150007	7/6/2016	BETA	2.32E-02	1.45E-03	1.19E-03	
AP	ONS-4	401150008	7/6/2016	BETA	2.18E-02	1.41E-03	1.19E-03	
AP	ONS-5	401150009	7/6/2016	BETA	2.61E-02	1.57E-03	1.25E-03	
AP	ONS-6	401150010	7/6/2016	BETA	2.55E-02	1.54E-03	1.23E-03	
AP	NBF	401711001	7/13/2016	BETA	2.52E-02	1.56E-03	1.24E-03	
AP	SBN	401711002	7/13/2016	BETA	2.05E-02	1.40E-03	1.23E-03	
AP	DOW	401711003	7/13/2016	BETA	2.44E-02	1.54E-03	1.25E-03	
AP	COL	401711004	7/13/2016	BETA	2.20E-02	1.41E-03	1.16E-03	
AP	ONS-1	401711005	7/13/2016	BETA	2.50E-02	1.50E-03	1.16E-03	
AP	ONS-2	401711006	7/13/2016	BETA	2.55E-02	1.55E-03	1.22E-03	
AP	ONS-3	401711007	7/13/2016	BETA	1.97E-02	1.36E-03	1.21E-03	
AP	ONS-4	401711008	7/13/2016	BETA	2.21E-02	1.42E-03	1.17E-03	
AP	ONS-5	401711009	7/13/2016	BETA	2.40E-02	1.51E-03	1.22E-03	
AP	ONS-6	401711010	7/13/2016	BETA	2.43E-02	1.51E-03	1.22E-03	
AP	NBF	402227001	7/20/2016	BETA	1.69E-02	1.29E-03	1.27E-03	
AP	SBN	402227002	7/20/2016	BETA	2.41E-02	1.52E-03	1.25E-03	
AP	DOW	402227003	7/20/2016	BETA	2.10E-02	1.38E-03	1.19E-03	
AP	COL	402227004	7/20/2016	BETA	1.61E-02	1.20E-03	1.16E-03	
AP	ONS-1	402227005	7/20/2016	BETA	1.91E-02	1.29E-03	1.14E-03	
AP	ONS-2	402227006	7/20/2016	BETA	2.17E-02	1.43E-03	1.23E-03	
AP	ONS-3	402227007	7/20/2016	BETA	2.28E-02	1.45E-03	1.20E-03	
AP	ONS-4	402227008	7/20/2016	BETA	2.11E-02	1.37E-03	1.17E-03	
AP	ONS-5	402227009	7/20/2016	BETA	2.02E-02	1.28E-03	1.07E-03	
AP	ONS-6	402227010	7/20/2016	BETA	1.81E-02	1.32E-03	1.25E-03	
AP	NBF	402770001	7/27/2016	BETA	2.36E-02	1.51E-03	1.27E-03	
AP	SBN	402770002	7/27/2016	BETA	3.11E-02	1.72E-03	1.26E-03	
AP	DOW	402770003	7/27/2016	BETA	2.46E-02	1.50E-03	1.20E-03	
AP	COL	402770004	7/27/2016	BETA	2.78E-02	1.58E-03	1.19E-03	
AP	ONS-1	402770005	7/27/2016	BETA	2.81E-02	1.59E-03	1.20E-03	
AP	ONS-2	402770006	7/27/2016	BETA	2.98E-02	1.63E-03	1.18E-03	
AP	ONS-3	402770007	7/27/2016	BETA	3.31E-02	1.73E-03	1.20E-03	
AP	ONS-4	402770008	7/27/2016	BETA	2.57E-02	1.52E-03	1.19E-03	
AP	ONS-5	402770009	7/27/2016	BETA	3.01E-02	1.65E-03	1.20E-03	
AP	ONS-6	402770010	7/27/2016	BETA	2.44E-02	1.52E-03	1.25E-03	
AP	NBF	403299001	8/3/2016	BETA	2.33E-02	1.52E-03	1.29E-03	
AP	SBN	403299002	8/3/2016	BETA	2.80E-02	1.64E-03	1.26E-03	
AP	DOW	403299003	8/3/2016	BETA	2.17E-02	1.49E-03	1.33E-03	
AP	COL	403299004	8/3/2016	BETA	2.25E-02	1.42E-03	1.17E-03	
AP	ONS-1	403299005	8/3/2016	BETA	2.23E-02	1.43E-03	1.19E-03	
AP	ONS-2	403299006	8/3/2016	BETA	2.60E-02	1.55E-03	1.22E-03	
AP	ONS-3	403299007	8/3/2016	BETA	2.78E-02	1.58E-03	1.18E-03	
AP	ONS-4	403299008	8/3/2016	BETA	2.53E-02	1.55E-03	1.25E-03	
AP	ONS-5	403299009	8/3/2016	BETA	2.71E-02	1.58E-03	1.22E-03	
AP	ONS-6	403299010	8/3/2016	BETA	2.48E-02	1.52E-03	1.23E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	403718001	8/10/2016	BETA	2.53E-02	1.54E-03	1.23E-03	
AP	SBN	403718002	8/10/2016	BETA	3.08E-02	1.71E-03	1.25E-03	
AP	DOW	403718003	8/10/2016	BETA	2.91E-02	1.60E-03	1.16E-03	
AP	COL	403718004	8/10/2016	BETA	2.94E-02	1.63E-03	1.18E-03	
AP	ONS-1	403718005	8/10/2016	BETA	2.61E-02	1.53E-03	1.18E-03	
AP	ONS-2	403718006	8/10/2016	BETA	2.41E-02	1.50E-03	1.22E-03	
AP	ONS-3	403718007	8/10/2016	BETA	2.76E-02	1.58E-03	1.19E-03	
AP	ONS-4	403718008	8/10/2016	BETA	2.68E-02	1.56E-03	1.19E-03	
AP	ONS-5	403718009	8/10/2016	BETA	2.78E-02	1.60E-03	1.20E-03	
AP	ONS-6	403718010	8/10/2016	BETA	2.70E-02	1.58E-03	1.22E-03	
AP	NBF	404249001	8/17/2016	BETA	3.00E-02	1.64E-03	1.13E-03	
AP	SBN	404249002	8/17/2016	BETA	2.63E-02	1.59E-03	1.20E-03	
AP	DOW	404249003	8/17/2016	BETA	2.43E-02	1.47E-03	1.11E-03	
AP	COL	404249004	8/17/2016	BETA	2.89E-02	1.93E-03	1.60E-03	
AP	ONS-1	404249005	8/17/2016	BETA	2.50E-02	1.49E-03	1.11E-03	
AP	ONS-2	404249006	8/17/2016	BETA	2.68E-02	1.56E-03	1.14E-03	
AP	ONS-3	404249007	8/17/2016	BETA	2.70E-02	1.57E-03	1.14E-03	
AP	ONS-4	404249008	8/17/2016	BETA	2.81E-02	1.58E-03	1.12E-03	
AP	ONS-5	404249009	8/17/2016	BETA	2.56E-02	1.53E-03	1.15E-03	
AP	ONS-6	404249010	8/17/2016	BETA	2.41E-02	1.49E-03	1.16E-03	
AP	NBF	409456001	9/28/2016	Ac-228	-1.62E-04	5.24E-04	1.87E-03	U
AP	NBF	409456001	9/28/2016	Ag-108m	-2.50E-05	1.03E-04	3.26E-04	U
AP	NBF	409456001	9/28/2016	Ag-110m	-1.67E-04	2.14E-04	6.26E-04	U
AP	NBF	409456001	9/28/2016	Ba-140	6.09E-02	5.15E-02	1.79E-01	U
AP	NBF	409456001	9/28/2016	Be-7	1.44E-01	1.04E-02	8.81E-03	
AP	NBF	409456001	9/28/2016	Ce-141	-6.97E-05	8.86E-04	2.75E-03	U
AP	NBF	409456001	9/28/2016	Ce-144	-7.01E-05	6.80E-04	2.12E-03	U
AP	NBF	409456001	9/28/2016	Co-57	-1.31E-05	9.78E-05	3.05E-04	U
AP	NBF	409456001	9/28/2016	Co-58	-2.58E-04	3.73E-04	1.04E-03	U
AP	NBF	409456001	9/28/2016	Co-60	1.93E-04	1.06E-04	4.50E-04	U
AP	NBF	409456001	9/28/2016	Cr-51	6.15E-03	8.08E-03	2.78E-02	U
AP	NBF	409456001	9/28/2016	Cs-134	-1.33E-04	1.65E-04	4.69E-04	U
AP	NBF	409456001	9/28/2016	Cs-137	1.04E-05	1.48E-04	4.90E-04	U
AP	NBF	409456001	9/28/2016	Fe-59	1.82E-04	9.06E-04	3.05E-03	U
AP	NBF	409456001	9/28/2016	I-131	1.07E-01	2.28E-01	0.00E+00	UI
AP	NBF	409456001	9/28/2016	K-40	-7.22E-04	2.07E-03	8.06E-03	U
AP	NBF	409456001	9/28/2016	La-140	7.40E-03	2.00E-02	7.08E-02	U
AP	NBF	409456001	9/28/2016	Mn-54	3.34E-04	1.12E-04	4.25E-04	U
AP	NBF	409456001	9/28/2016	Nb-95	2.30E-04	3.75E-04	1.36E-03	U
AP	NBF	409456001	9/28/2016	Ru-103	-6.46E-05	4.62E-04	1.47E-03	U
AP	NBF	409456001	9/28/2016	Ru-106	-1.06E-03	1.50E-03	4.33E-03	U
AP	NBF	409456001	9/28/2016	Sb-124	1.87E-05	4.72E-04	1.60E-03	U
AP	NBF	409456001	9/28/2016	Sb-125	-1.03E-04	3.56E-04	1.13E-03	U
AP	NBF	409456001	9/28/2016	Se-75	9.79E-05	1.93E-04	6.66E-04	U
AP	NBF	409456001	9/28/2016	Th-228	-4.54E-05	2.06E-04	6.80E-04	U
AP	NBF	409456001	9/28/2016	Zn-65	-1.11E-04	4.24E-04	1.34E-03	U
AP	NBF	409456001	9/28/2016	Zr-95	-2.55E-04	4.99E-04	1.56E-03	U
AP	SBN	409456002	9/28/2016	Ac-228	-1.27E-04	4.56E-04	1.52E-03	U
AP	SBN	409456002	9/28/2016	Ag-108m	7.29E-05	9.11E-05	3.17E-04	U
AP	SBN	409456002	9/28/2016	Ag-110m	-3.09E-04	1.71E-04	3.33E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	SBN	409456002	9/28/2016	Ba-140	3.33E-03	3.53E-02	1.17E-01	U
AP	SBN	409456002	9/28/2016	Be-7	1.29E-01	1.05E-02	7.94E-03	
AP	SBN	409456002	9/28/2016	Ce-141	1.40E-04	6.79E-04	2.20E-03	U
AP	SBN	409456002	9/28/2016	Ce-144	6.06E-04	5.81E-04	1.94E-03	U
AP	SBN	409456002	9/28/2016	Co-57	1.54E-04	8.39E-05	2.76E-04	U
AP	SBN	409456002	9/28/2016	Co-58	-2.56E-04	1.80E-04	4.14E-04	U
AP	SBN	409456002	9/28/2016	Co-60	-3.75E-05	1.41E-04	4.40E-04	U
AP	SBN	409456002	9/28/2016	Cr-51	-7.15E-03	6.40E-03	1.90E-02	U
AP	SBN	409456002	9/28/2016	Cs-134	1.35E-04	1.16E-04	4.20E-04	U
AP	SBN	409456002	9/28/2016	Cs-137	7.31E-05	1.05E-04	3.63E-04	U
AP	SBN	409456002	9/28/2016	Fe-59	-7.89E-04	5.64E-04	1.00E-03	U
AP	SBN	409456002	9/28/2016	I-131	1.94E-02	2.20E-01	0.00E+00	UI
AP	SBN	409456002	9/28/2016	K-40	-1.97E-04	1.40E-03	5.41E-03	U
AP	SBN	409456002	9/28/2016	La-140	-1.85E-03	1.64E-02	5.14E-02	U
AP	SBN	409456002	9/28/2016	Mn-54	-1.05E-04	9.91E-05	2.66E-04	U
AP	SBN	409456002	9/28/2016	Nb-95	-1.44E-04	2.89E-04	8.52E-04	U
AP	SBN	409456002	9/28/2016	Ru-103	1.67E-04	3.63E-04	1.25E-03	U
AP	SBN	409456002	9/28/2016	Ru-106	-1.23E-03	1.03E-03	2.64E-03	U
AP	SBN	409456002	9/28/2016	Sb-124	4.34E-04	6.09E-04	2.29E-03	U
AP	SBN	409456002	9/28/2016	Sb-125	-9.78E-05	2.82E-04	9.04E-04	U
AP	SBN	409456002	9/28/2016	Se-75	1.25E-04	1.82E-04	6.42E-04	U
AP	SBN	409456002	9/28/2016	Th-228	-1.19E-04	1.65E-04	5.41E-04	U
AP	SBN	409456002	9/28/2016	Zn-65	2.31E-05	3.25E-04	9.63E-04	U
AP	SBN	409456002	9/28/2016	Zr-95	1.48E-04	4.30E-04	1.44E-03	U
AP	DOW	409456003	9/28/2016	Ac-228	3.42E-04	4.67E-04	1.78E-03	U
AP	DOW	409456003	9/28/2016	Ag-108m	-1.10E-04	8.86E-05	2.50E-04	U
AP	DOW	409456003	9/28/2016	Ag-110m	1.58E-04	1.47E-04	5.48E-04	U
AP	DOW	409456003	9/28/2016	Ba-140	3.11E-02	3.79E-02	1.31E-01	U
AP	DOW	409456003	9/28/2016	Be-7	1.55E-01	1.07E-02	6.09E-03	
AP	DOW	409456003	9/28/2016	Ce-141	4.56E-04	6.73E-04	2.21E-03	U
AP	DOW	409456003	9/28/2016	Ce-144	-7.81E-05	5.68E-04	1.80E-03	U
AP	DOW	409456003	9/28/2016	Co-57	-2.70E-05	6.93E-05	2.16E-04	U
AP	DOW	409456003	9/28/2016	Co-58	2.32E-04	2.11E-04	7.78E-04	U
AP	DOW	409456003	9/28/2016	Co-60	2.53E-04	1.41E-04	5.33E-04	U
AP	DOW	409456003	9/28/2016	Cr-51	-1.43E-02	6.89E-03	1.67E-02	U
AP	DOW	409456003	9/28/2016	Cs-134	-1.23E-04	1.56E-04	3.70E-04	U
AP	DOW	409456003	9/28/2016	Cs-137	-3.69E-05	9.62E-05	2.93E-04	U
AP	DOW	409456003	9/28/2016	Fe-59	-2.20E-03	1.05E-03	8.68E-04	U
AP	DOW	409456003	9/28/2016	I-131	2.77E-01	1.53E-01	0.00E+00	UI
AP	DOW	409456003	9/28/2016	K-40	-1.70E-03	1.67E-03	5.54E-03	U
AP	DOW	409456003	9/28/2016	La-140	6.89E-03	1.04E-02	3.90E-02	U
AP	DOW	409456003	9/28/2016	Mn-54	8.32E-05	1.25E-04	3.67E-04	U
AP	DOW	409456003	9/28/2016	Nb-95	-2.00E-04	2.45E-04	6.74E-04	U
AP	DOW	409456003	9/28/2016	Ru-103	-2.52E-04	3.27E-04	9.54E-04	U
AP	DOW	409456003	9/28/2016	Ru-106	-1.30E-03	1.29E-03	3.65E-03	U
AP	DOW	409456003	9/28/2016	Sb-124	-1.50E-03	8.42E-04	1.23E-03	U
AP	DOW	409456003	9/28/2016	Sb-125	1.44E-04	2.05E-04	7.19E-04	U
AP	DOW	409456003	9/28/2016	Se-75	-9.68E-05	1.80E-04	5.90E-04	U
AP	DOW	409456003	9/28/2016	Th-228	3.34E-04	2.99E-04	5.98E-04	U
AP	DOW	409456003	9/28/2016	Zn-65	1.83E-05	3.56E-04	1.19E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	DOW	409456003	9/28/2016	Zr-95	-6.05E-05	4.12E-04	1.28E-03	U
AP	COL	409456004	9/28/2016	Ac-228	6.58E-05	4.58E-04	1.59E-03	U
AP	COL	409456004	9/28/2016	Ag-108m	-1.66E-04	1.05E-04	2.51E-04	U
AP	COL	409456004	9/28/2016	Ag-110m	-2.78E-04	2.03E-04	4.75E-04	U
AP	COL	409456004	9/28/2016	Ba-140	-4.95E-02	3.75E-02	9.87E-02	U
AP	COL	409456004	9/28/2016	Be-7	1.43E-01	1.01E-02	8.12E-03	
AP	COL	409456004	9/28/2016	Ce-141	-7.79E-04	6.48E-04	1.96E-03	U
AP	COL	409456004	9/28/2016	Ce-144	-2.84E-04	5.35E-04	1.77E-03	U
AP	COL	409456004	9/28/2016	Co-57	1.50E-06	7.21E-05	2.26E-04	U
AP	COL	409456004	9/28/2016	Co-58	2.09E-04	1.92E-04	7.29E-04	U
AP	COL	409456004	9/28/2016	Co-60	-1.33E-04	1.28E-04	3.20E-04	U
AP	COL	409456004	9/28/2016	Cr-51	4.06E-03	6.43E-03	2.20E-02	U
AP	COL	409456004	9/28/2016	Cs-134	6.05E-05	1.46E-04	5.04E-04	U
AP	COL	409456004	9/28/2016	Cs-137	-5.63E-05	1.11E-04	3.46E-04	U
AP	COL	409456004	9/28/2016	Fe-59	-5.96E-05	5.73E-04	1.79E-03	U
AP	COL	409456004	9/28/2016	I-131	8.61E-03	1.71E-01	0.00E+00	UI
AP	COL	409456004	9/28/2016	K-40	5.77E-04	2.04E-03	7.50E-03	U
AP	COL	409456004	9/28/2016	La-140	2.71E-02	2.07E-02	7.94E-02	U
AP	COL	409456004	9/28/2016	Mn-54	1.61E-04	1.87E-04	6.54E-04	U
AP	COL	409456004	9/28/2016	Nb-95	4.07E-05	2.34E-04	7.93E-04	U
AP	COL	409456004	9/28/2016	Ru-103	5.09E-05	3.15E-04	1.03E-03	U
AP	COL	409456004	9/28/2016	Ru-106	3.60E-04	1.23E-03	4.21E-03	U
AP	COL	409456004	9/28/2016	Sb-124	-3.71E-04	6.24E-04	1.63E-03	U
AP	COL	409456004	9/28/2016	Sb-125	1.67E-04	3.17E-04	9.70E-04	U
AP	COL	409456004	9/28/2016	Se-75	4.14E-04	2.16E-04	7.36E-04	U
AP	COL	409456004	9/28/2016	Th-228	2.41E-04	3.24E-04	5.13E-04	U
AP	COL	409456004	9/28/2016	Zn-65	-2.70E-04	3.46E-04	9.36E-04	U
AP	COL	409456004	9/28/2016	Zr-95	2.77E-04	4.94E-04	1.74E-03	U
AP	ONS-1	409456005	9/28/2016	Ac-228	6.40E-05	4.51E-04	1.59E-03	U
AP	ONS-1	409456005	9/28/2016	Ag-108m	-7.26E-05	8.53E-05	2.49E-04	U
AP	ONS-1	409456005	9/28/2016	Ag-110m	7.36E-05	1.78E-04	4.94E-04	U
AP	ONS-1	409456005	9/28/2016	Ba-140	-4.80E-02	3.32E-02	8.93E-02	U
AP	ONS-1	409456005	9/28/2016	Be-7	1.17E-01	9.40E-03	6.59E-03	
AP	ONS-1	409456005	9/28/2016	Ce-141	-7.05E-04	6.79E-04	1.94E-03	U
AP	ONS-1	409456005	9/28/2016	Ce-144	3.00E-04	4.96E-04	1.64E-03	U
AP	ONS-1	409456005	9/28/2016	Co-57	7.29E-05	7.20E-05	2.40E-04	U
AP	ONS-1	409456005	9/28/2016	Co-58	4.02E-04	2.31E-04	8.10E-04	U
AP	ONS-1	409456005	9/28/2016	Co-60	-8.38E-06	1.23E-04	3.95E-04	U
AP	ONS-1	409456005	9/28/2016	Cr-51	-7.07E-03	6.25E-03	1.83E-02	U
AP	ONS-1	409456005	9/28/2016	Cs-134	1.25E-04	1.01E-04	3.36E-04	U
AP	ONS-1	409456005	9/28/2016	Cs-137	1.11E-04	8.84E-05	3.14E-04	U
AP	ONS-1	409456005	9/28/2016	Fe-59	-1.61E-03	8.29E-04	1.75E-03	U
AP	ONS-1	409456005	9/28/2016	I-131	1.30E-01	1.49E-01	0.00E+00	UI
AP	ONS-1	409456005	9/28/2016	K-40	1.27E-03	1.99E-03	4.03E-03	U
AP	ONS-1	409456005	9/28/2016	La-140	-2.52E-03	1.62E-02	5.31E-02	U
AP	ONS-1	409456005	9/28/2016	Mn-54	3.78E-05	1.59E-04	4.54E-04	U
AP	ONS-1	409456005	9/28/2016	Nb-95	4.82E-04	2.88E-04	9.86E-04	U
AP	ONS-1	409456005	9/28/2016	Ru-103	-2.80E-05	3.40E-04	7.23E-04	U
AP	ONS-1	409456005	9/28/2016	Ru-106	-1.06E-03	1.03E-03	3.02E-03	U
AP	ONS-1	409456005	9/28/2016	Sb-124	2.95E-04	8.24E-04	2.84E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-1	409456005	9/28/2016	Sb-125	-5.05E-04	2.81E-04	6.88E-04	U
AP	ONS-1	409456005	9/28/2016	Se-75	1.52E-04	1.53E-04	5.31E-04	U
AP	ONS-1	409456005	9/28/2016	Th-228	2.85E-04	1.93E-04	5.69E-04	U
AP	ONS-1	409456005	9/28/2016	Zn-65	-1.78E-05	2.82E-04	9.29E-04	U
AP	ONS-1	409456005	9/28/2016	Zr-95	5.49E-04	5.34E-04	1.38E-03	U
AP	ONS-2	409456006	9/28/2016	Ac-228	-4.66E-04	5.12E-04	1.82E-03	U
AP	ONS-2	409456006	9/28/2016	Ag-108m	-6.56E-05	1.11E-04	3.50E-04	U
AP	ONS-2	409456006	9/28/2016	Ag-110m	-4.07E-04	2.88E-04	5.95E-04	U
AP	ONS-2	409456006	9/28/2016	Ba-140	1.42E-02	4.35E-02	1.53E-01	U
AP	ONS-2	409456006	9/28/2016	Be-7	1.47E-01	1.37E-02	7.97E-03	
AP	ONS-2	409456006	9/28/2016	Ce-141	-1.64E-03	8.93E-04	2.21E-03	U
AP	ONS-2	409456006	9/28/2016	Ce-144	-4.65E-05	5.48E-04	1.81E-03	U
AP	ONS-2	409456006	9/28/2016	Co-57	1.18E-05	6.67E-05	2.26E-04	U
AP	ONS-2	409456006	9/28/2016	Co-58	2.30E-05	2.38E-04	7.93E-04	U
AP	ONS-2	409456006	9/28/2016	Co-60	-7.11E-05	1.36E-04	3.79E-04	U
AP	ONS-2	409456006	9/28/2016	Cr-51	-6.44E-03	6.88E-03	1.80E-02	U
AP	ONS-2	409456006	9/28/2016	Cs-134	1.19E-04	1.22E-04	4.76E-04	U
AP	ONS-2	409456006	9/28/2016	Cs-137	-1.30E-04	1.36E-04	3.59E-04	U
AP	ONS-2	409456006	9/28/2016	Fe-59	-5.25E-04	8.93E-04	2.57E-03	U
AP	ONS-2	409456006	9/28/2016	I-131	-1.93E-02	2.16E-01	0.00E+00	U
AP	ONS-2	409456006	9/28/2016	K-40	1.47E-03	2.06E-03	8.42E-03	U
AP	ONS-2	409456006	9/28/2016	La-140	-3.64E-02	2.27E-02	0.00E+00	U
AP	ONS-2	409456006	9/28/2016	Mn-54	5.58E-05	1.84E-04	6.24E-04	U
AP	ONS-2	409456006	9/28/2016	Nb-95	2.26E-04	2.38E-04	9.28E-04	U
AP	ONS-2	409456006	9/28/2016	Ru-103	2.54E-04	6.17E-04	1.99E-03	U
AP	ONS-2	409456006	9/28/2016	Ru-106	-4.32E-04	1.22E-03	3.80E-03	U
AP	ONS-2	409456006	9/28/2016	Sb-124	-1.23E-05	8.20E-04	2.67E-03	U
AP	ONS-2	409456006	9/28/2016	Sb-125	7.85E-05	2.31E-04	8.26E-04	U
AP	ONS-2	409456006	9/28/2016	Se-75	-1.45E-04	2.20E-04	6.42E-04	U
AP	ONS-2	409456006	9/28/2016	Th-228	3.71E-04	2.76E-04	8.15E-04	U
AP	ONS-2	409456006	9/28/2016	Zn-65	-8.70E-05	4.12E-04	1.35E-03	U
AP	ONS-2	409456006	9/28/2016	Zr-95	-1.64E-04	3.86E-04	1.10E-03	U
AP	ONS-3	409456007	9/28/2016	Ac-228	-4.51E-04	3.34E-04	8.13E-04	U
AP	ONS-3	409456007	9/28/2016	Ag-108m	1.52E-04	9.13E-05	3.22E-04	U
AP	ONS-3	409456007	9/28/2016	Ag-110m	-1.64E-04	1.32E-04	2.68E-04	U
AP	ONS-3	409456007	9/28/2016	Ba-140	7.07E-03	3.94E-02	1.36E-01	U
AP	ONS-3	409456007	9/28/2016	Be-7	1.29E-01	1.03E-02	5.94E-03	
AP	ONS-3	409456007	9/28/2016	Ce-141	-2.22E-04	6.15E-04	2.05E-03	U
AP	ONS-3	409456007	9/28/2016	Ce-144	2.53E-04	4.49E-04	1.59E-03	U
AP	ONS-3	409456007	9/28/2016	Co-57	-3.44E-05	7.52E-05	2.25E-04	U
AP	ONS-3	409456007	9/28/2016	Co-58	7.01E-05	1.83E-04	6.41E-04	U
AP	ONS-3	409456007	9/28/2016	Co-60	-1.76E-04	1.18E-04	2.20E-04	U
AP	ONS-3	409456007	9/28/2016	Cr-51	-7.63E-05	7.27E-03	2.38E-02	U
AP	ONS-3	409456007	9/28/2016	Cs-134	-7.14E-05	1.56E-04	4.07E-04	U
AP	ONS-3	409456007	9/28/2016	Cs-137	-9.96E-05	9.65E-05	2.62E-04	U
AP	ONS-3	409456007	9/28/2016	Fe-59	5.04E-04	5.61E-04	2.15E-03	U
AP	ONS-3	409456007	9/28/2016	I-131	-1.21E-01	1.90E-01	0.00E+00	U
AP	ONS-3	409456007	9/28/2016	K-40	-2.76E-03	1.21E-03	2.19E-03	U
AP	ONS-3	409456007	9/28/2016	La-140	-1.46E-02	2.05E-02	5.75E-02	U
AP	ONS-3	409456007	9/28/2016	Mn-54	1.67E-04	1.24E-04	4.63E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-3	409456007	9/28/2016	Nb-95	-1.81E-04	2.20E-04	6.08E-04	U
AP	ONS-3	409456007	9/28/2016	Ru-103	-2.36E-04	4.31E-04	1.26E-03	U
AP	ONS-3	409456007	9/28/2016	Ru-106	1.29E-05	1.12E-03	3.84E-03	U
AP	ONS-3	409456007	9/28/2016	Sb-124	3.42E-04	3.51E-04	1.59E-03	U
AP	ONS-3	409456007	9/28/2016	Sb-125	-1.28E-05	2.57E-04	8.20E-04	U
AP	ONS-3	409456007	9/28/2016	Se-75	-1.70E-04	1.87E-04	5.62E-04	U
AP	ONS-3	409456007	9/28/2016	Th-228	1.47E-04	2.11E-04	4.88E-04	U
AP	ONS-3	409456007	9/28/2016	Zn-65	-1.77E-04	3.77E-04	1.12E-03	U
AP	ONS-3	409456007	9/28/2016	Zr-95	-2.43E-04	4.08E-04	1.20E-03	U
AP	ONS-4	409456008	9/28/2016	Ac-228	-4.72E-04	5.01E-04	1.51E-03	U
AP	ONS-4	409456008	9/28/2016	Ag-108m	-1.50E-05	1.04E-04	3.40E-04	U
AP	ONS-4	409456008	9/28/2016	Ag-110m	-8.92E-05	1.88E-04	5.48E-04	U
AP	ONS-4	409456008	9/28/2016	Ba-140	4.96E-02	4.69E-02	1.69E-01	U
AP	ONS-4	409456008	9/28/2016	Be-7	1.64E-01	1.27E-02	9.28E-03	
AP	ONS-4	409456008	9/28/2016	Ce-141	1.08E-03	1.12E-03	2.53E-03	U
AP	ONS-4	409456008	9/28/2016	Ce-144	6.41E-05	5.66E-04	1.96E-03	U
AP	ONS-4	409456008	9/28/2016	Co-57	-7.85E-05	7.83E-05	2.47E-04	U
AP	ONS-4	409456008	9/28/2016	Co-58	-9.97E-05	2.08E-04	5.99E-04	U
AP	ONS-4	409456008	9/28/2016	Co-60	1.15E-04	1.23E-04	4.73E-04	U
AP	ONS-4	409456008	9/28/2016	Cr-51	3.81E-03	6.25E-03	2.19E-02	U
AP	ONS-4	409456008	9/28/2016	Cs-134	-2.88E-04	1.65E-04	3.59E-04	U
AP	ONS-4	409456008	9/28/2016	Cs-137	1.24E-04	1.11E-04	4.05E-04	U
AP	ONS-4	409456008	9/28/2016	Fe-59	8.74E-04	8.30E-04	2.94E-03	U
AP	ONS-4	409456008	9/28/2016	I-131	-4.01E-02	1.76E-01	0.00E+00	U
AP	ONS-4	409456008	9/28/2016	K-40	-3.45E-03	1.77E-03	4.63E-03	U
AP	ONS-4	409456008	9/28/2016	La-140	4.94E-03	1.63E-02	5.80E-02	U
AP	ONS-4	409456008	9/28/2016	Mn-54	6.68E-05	1.28E-04	4.44E-04	U
AP	ONS-4	409456008	9/28/2016	Nb-95	2.77E-05	2.35E-04	7.76E-04	U
AP	ONS-4	409456008	9/28/2016	Ru-103	3.90E-04	4.71E-04	1.66E-03	U
AP	ONS-4	409456008	9/28/2016	Ru-106	-1.21E-03	1.28E-03	3.59E-03	U
AP	ONS-4	409456008	9/28/2016	Sb-124	-1.36E-03	9.09E-04	1.69E-03	U
AP	ONS-4	409456008	9/28/2016	Sb-125	-2.21E-05	2.62E-04	8.61E-04	U
AP	ONS-4	409456008	9/28/2016	Se-75	3.94E-05	1.89E-04	6.46E-04	U
AP	ONS-4	409456008	9/28/2016	Th-228	-6.99E-05	1.69E-04	5.78E-04	U
AP	ONS-4	409456008	9/28/2016	Zn-65	-7.60E-04	4.13E-04	6.91E-04	U
AP	ONS-4	409456008	9/28/2016	Zr-95	1.26E-04	4.86E-04	1.63E-03	U
AP	ONS-5	409456009	9/28/2016	Ac-228	7.30E-04	5.71E-04	2.13E-03	U
AP	ONS-5	409456009	9/28/2016	Ag-108m	-1.40E-04	1.14E-04	3.15E-04	U
AP	ONS-5	409456009	9/28/2016	Ag-110m	-2.20E-04	2.31E-04	6.59E-04	U
AP	ONS-5	409456009	9/28/2016	Ba-140	-9.95E-03	5.25E-02	1.65E-01	U
AP	ONS-5	409456009	9/28/2016	Be-7	1.51E-01	1.09E-02	9.88E-03	
AP	ONS-5	409456009	9/28/2016	Ce-141	-2.79E-04	9.24E-04	2.82E-03	U
AP	ONS-5	409456009	9/28/2016	Ce-144	7.30E-04	6.41E-04	2.10E-03	U
AP	ONS-5	409456009	9/28/2016	Co-57	-7.23E-05	8.42E-05	2.43E-04	U
AP	ONS-5	409456009	9/28/2016	Co-58	-7.20E-05	2.73E-04	8.84E-04	U
AP	ONS-5	409456009	9/28/2016	Co-60	-3.88E-07	1.23E-04	3.96E-04	U
AP	ONS-5	409456009	9/28/2016	Cr-51	1.86E-03	8.80E-03	2.67E-02	U
AP	ONS-5	409456009	9/28/2016	Cs-134	-2.49E-04	1.63E-04	3.77E-04	U
AP	ONS-5	409456009	9/28/2016	Cs-137	2.54E-04	1.42E-04	4.32E-04	U
AP	ONS-5	409456009	9/28/2016	Fe-59	4.59E-04	9.50E-04	3.31E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-5	409456009	9/28/2016	I-131	1.53E-01	2.37E-01	0.00E+00	UI
AP	ONS-5	409456009	9/28/2016	K-40	4.57E-03	3.24E-03	5.84E-03	U
AP	ONS-5	409456009	9/28/2016	La-140	-6.93E-03	1.85E-02	5.72E-02	U
AP	ONS-5	409456009	9/28/2016	Mn-54	1.37E-04	1.59E-04	5.69E-04	U
AP	ONS-5	409456009	9/28/2016	Nb-95	-2.16E-05	2.08E-04	7.34E-04	U
AP	ONS-5	409456009	9/28/2016	Ru-103	-1.24E-04	6.38E-04	2.02E-03	U
AP	ONS-5	409456009	9/28/2016	Ru-106	1.70E-04	1.43E-03	4.61E-03	U
AP	ONS-5	409456009	9/28/2016	Sb-124	-9.64E-04	6.00E-04	0.00E+00	U
AP	ONS-5	409456009	9/28/2016	Sb-125	3.65E-04	3.64E-04	1.25E-03	U
AP	ONS-5	409456009	9/28/2016	Se-75	3.43E-04	2.28E-04	7.85E-04	U
AP	ONS-5	409456009	9/28/2016	Th-228	-1.38E-04	1.94E-04	6.15E-04	U
AP	ONS-5	409456009	9/28/2016	Zn-65	-1.20E-04	3.62E-04	1.12E-03	U
AP	ONS-5	409456009	9/28/2016	Zr-95	-7.74E-05	5.14E-04	1.70E-03	U
AP	ONS-6	409456010	9/28/2016	Ac-228	1.68E-03	7.52E-04	2.28E-03	U
AP	ONS-6	409456010	9/28/2016	Ag-108m	-9.47E-05	8.90E-05	2.55E-04	U
AP	ONS-6	409456010	9/28/2016	Ag-110m	-2.06E-04	1.86E-04	5.05E-04	U
AP	ONS-6	409456010	9/28/2016	Ba-140	-2.93E-02	3.37E-02	9.23E-02	U
AP	ONS-6	409456010	9/28/2016	Be-7	1.43E-01	1.14E-02	7.76E-03	
AP	ONS-6	409456010	9/28/2016	Ce-141	4.45E-04	7.84E-04	2.58E-03	U
AP	ONS-6	409456010	9/28/2016	Ce-144	-7.03E-04	5.82E-04	1.62E-03	U
AP	ONS-6	409456010	9/28/2016	Co-57	9.39E-06	6.28E-05	2.05E-04	U
AP	ONS-6	409456010	9/28/2016	Co-58	-7.10E-06	2.23E-04	7.55E-04	U
AP	ONS-6	409456010	9/28/2016	Co-60	8.63E-05	1.36E-04	4.88E-04	U
AP	ONS-6	409456010	9/28/2016	Cr-51	3.40E-04	6.59E-03	2.24E-02	U
AP	ONS-6	409456010	9/28/2016	Cs-134	1.35E-04	1.31E-04	4.66E-04	U
AP	ONS-6	409456010	9/28/2016	Cs-137	-4.06E-05	1.09E-04	3.30E-04	U
AP	ONS-6	409456010	9/28/2016	Fe-59	2.20E-04	9.41E-04	3.22E-03	U
AP	ONS-6	409456010	9/28/2016	I-131	3.09E-01	2.15E-01	0.00E+00	UI
AP	ONS-6	409456010	9/28/2016	K-40	6.63E-04	1.44E-03	5.95E-03	U
AP	ONS-6	409456010	9/28/2016	La-140	-1.73E-02	1.93E-02	4.77E-02	U
AP	ONS-6	409456010	9/28/2016	Mn-54	-6.74E-05	1.25E-04	3.93E-04	U
AP	ONS-6	409456010	9/28/2016	Nb-95	-2.79E-04	2.77E-04	7.15E-04	U
AP	ONS-6	409456010	9/28/2016	Ru-103	-9.17E-04	4.43E-04	8.43E-04	U
AP	ONS-6	409456010	9/28/2016	Ru-106	2.30E-04	8.69E-04	2.92E-03	U
AP	ONS-6	409456010	9/28/2016	Sb-124	1.49E-04	7.47E-04	2.50E-03	U
AP	ONS-6	409456010	9/28/2016	Sb-125	1.39E-04	2.49E-04	8.67E-04	U
AP	ONS-6	409456010	9/28/2016	Se-75	1.63E-04	1.98E-04	6.99E-04	U
AP	ONS-6	409456010	9/28/2016	Th-228	1.64E-04	2.13E-04	6.53E-04	U
AP	ONS-6	409456010	9/28/2016	Zn-65	-4.05E-06	3.01E-04	9.96E-04	U
AP	ONS-6	409456010	9/28/2016	Zr-95	-2.09E-04	3.55E-04	9.75E-04	U
AP	NBF	404740001	8/24/2016	BETA	2.23E-02	1.46E-03	1.19E-03	
AP	SBN	404740002	8/24/2016	BETA	2.28E-02	1.48E-03	1.19E-03	
AP	DOW	404740003	8/24/2016	BETA	2.40E-02	1.48E-03	1.14E-03	
AP	COL	404740004	8/24/2016	BETA	2.06E-02	1.42E-03	1.22E-03	
AP	ONS-1	404740005	8/24/2016	BETA	2.50E-02	1.53E-03	1.17E-03	
AP	ONS-2	404740006	8/24/2016	BETA	2.79E-02	1.60E-03	1.15E-03	
AP	ONS-3	404740007	8/24/2016	BETA	2.25E-02	1.40E-03	1.10E-03	
AP	ONS-4	404740008	8/24/2016	BETA	2.23E-02	1.46E-03	1.19E-03	
AP	ONS-5	404740009	8/24/2016	BETA	2.23E-02	1.45E-03	1.17E-03	
AP	ONS-6	404740010	8/24/2016	BETA	1.94E-02	1.40E-03	1.25E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	405181001	8/31/2016	BETA	2.52E-02	1.55E-03	1.29E-03	
AP	SBN	405181002	8/31/2016	BETA	2.47E-02	1.54E-03	1.31E-03	
AP	DOW	405181003	8/31/2016	BETA	2.44E-02	1.51E-03	1.26E-03	
AP	COL	405181004	8/31/2016	BETA	2.44E-02	1.52E-03	1.29E-03	
AP	ONS-1	405181005	8/31/2016	BETA	2.25E-02	1.46E-03	1.28E-03	
AP	ONS-2	405181006	8/31/2016	BETA	2.32E-02	1.46E-03	1.25E-03	
AP	ONS-3	405181007	8/31/2016	BETA	2.37E-02	1.46E-03	1.23E-03	
AP	ONS-4	405181008	8/31/2016	BETA	2.52E-02	1.55E-03	1.30E-03	
AP	ONS-5	405181009	8/31/2016	BETA	2.90E-02	1.67E-03	1.30E-03	
AP	ONS-6	405181010	8/31/2016	BETA	2.36E-02	1.51E-03	1.31E-03	
AP	NBF	405568001	9/7/2016	BETA	2.30E-02	1.45E-03	1.24E-03	
AP	SBN	405568002	9/7/2016	BETA	2.26E-02	1.47E-03	1.29E-03	
AP	DOW	405568003	9/7/2016	BETA	2.12E-02	1.40E-03	1.25E-03	
AP	COL	405568004	9/7/2016	BETA	2.03E-02	1.40E-03	1.29E-03	
AP	ONS-1	405568005	9/7/2016	BETA	2.20E-02	1.43E-03	1.27E-03	
AP	ONS-2	405568006	9/7/2016	BETA	2.37E-02	1.47E-03	1.24E-03	
AP	ONS-3	405568007	9/7/2016	BETA	2.13E-02	1.46E-03	1.34E-03	
AP	ONS-4	405568008	9/7/2016	BETA	2.15E-02	1.43E-03	1.29E-03	
AP	ONS-5	405568009	9/7/2016	BETA	2.45E-02	1.53E-03	1.29E-03	
AP	ONS-6	405568010	9/7/2016	BETA	2.10E-02	1.43E-03	1.30E-03	
AP	NBF	406075001	9/14/2016	BETA	2.07E-02	1.42E-03	1.32E-03	
AP	SBN	406075002	9/14/2016	BETA	2.02E-02	1.40E-03	1.33E-03	
AP	DOW	406075003	9/14/2016	BETA	2.09E-02	1.42E-03	1.32E-03	
AP	COL	406075004	9/14/2016	BETA	2.11E-02	1.43E-03	1.32E-03	
AP	ONS-1	406075005	9/14/2016	BETA	2.00E-02	1.36E-03	1.26E-03	
AP	ONS-2	406075006	9/14/2016	BETA	2.04E-02	1.40E-03	1.30E-03	
AP	ONS-3	406075007	9/14/2016	BETA	1.88E-02	1.33E-03	1.27E-03	
AP	ONS-4	406075008	9/14/2016	BETA	2.25E-02	1.45E-03	1.28E-03	
AP	ONS-5	406075009	9/14/2016	BETA	2.51E-02	1.53E-03	1.28E-03	
AP	ONS-6	406075010	9/14/2016	BETA	1.48E-02	1.86E-03	2.80E-03	
AP	NBF	406606001	9/21/2016	BETA	3.22E-02	1.70E-03	1.11E-03	
AP	SBN	406606002	9/21/2016	BETA	3.83E-02	1.89E-03	1.15E-03	
AP	DOW	406606003	9/21/2016	BETA	3.10E-02	1.72E-03	1.17E-03	
AP	COL	406606004	9/21/2016	BETA	3.04E-02	1.69E-03	1.15E-03	
AP	ONS-1	406606005	9/21/2016	BETA	3.10E-02	1.68E-03	1.12E-03	
AP	ONS-2	406606006	9/21/2016	BETA	3.31E-02	1.76E-03	1.15E-03	
AP	ONS-3	406606007	9/21/2016	BETA	3.00E-02	1.64E-03	1.10E-03	
AP	ONS-4	406606008	9/21/2016	BETA	3.10E-02	1.68E-03	1.13E-03	
AP	ONS-5	406606009	9/21/2016	BETA	3.69E-02	1.82E-03	1.10E-03	
AP	ONS-6	406606010	9/21/2016	BETA	3.39E-02	1.79E-03	1.16E-03	
AP	NBF	407112001	9/28/2016	BETA	3.85E-02	1.93E-03	1.24E-03	
AP	SBN	407112002	9/28/2016	BETA	4.57E-02	2.05E-03	1.18E-03	
AP	DOW	407112003	9/28/2016	BETA	3.91E-02	1.93E-03	1.22E-03	
AP	COL	407112004	9/28/2016	BETA	3.53E-02	1.78E-03	1.15E-03	
AP	ONS-1	407112005	9/28/2016	BETA	3.64E-02	1.82E-03	1.16E-03	
AP	ONS-2	407112006	9/28/2016	BETA	3.42E-02	1.86E-03	1.30E-03	
AP	ONS-3	407112007	9/28/2016	BETA	3.77E-02	1.83E-03	1.14E-03	
AP	ONS-4	407112008	9/28/2016	BETA	3.79E-02	1.84E-03	1.15E-03	
AP	ONS-5	407112009	9/28/2016	BETA	3.55E-02	1.80E-03	1.17E-03	
AP	ONS-6	407112010	9/28/2016	BETA	3.59E-02	1.84E-03	1.21E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	NBF	407541001	10/5/2016	BETA	1.77E-02	1.32E-03	1.18E-03	
AP	SBN	407541002	10/5/2016	BETA	1.95E-02	1.35E-03	1.15E-03	
AP	DOW	407541003	10/5/2016	BETA	1.84E-02	1.32E-03	1.15E-03	
AP	COL	407541004	10/5/2016	BETA	2.16E-02	1.40E-03	1.11E-03	
AP	ONS-1	407541005	10/5/2016	BETA	2.11E-02	1.38E-03	1.10E-03	
AP	ONS-2	407541006	10/5/2016	BETA	1.98E-02	1.34E-03	1.11E-03	
AP	ONS-3	407541007	10/5/2016	BETA	2.08E-02	1.42E-03	1.18E-03	
AP	ONS-4	407541008	10/5/2016	BETA	2.10E-02	1.37E-03	1.09E-03	
AP	ONS-5	407541009	10/5/2016	BETA	2.33E-02	1.46E-03	1.12E-03	
AP	ONS-6	407541010	10/5/2016	BETA	1.75E-02	1.30E-03	1.17E-03	
AP	NBF	408223001	10/12/2016	BETA	3.27E-02	1.76E-03	1.21E-03	
AP	SBN	408223002	10/12/2016	BETA	4.00E-02	1.98E-03	1.26E-03	
AP	DOW	408223003	10/12/2016	BETA	3.20E-02	1.75E-03	1.23E-03	
AP	COL	408223004	10/12/2016	BETA	3.21E-02	1.70E-03	1.15E-03	
AP	ONS-1	408223005	10/12/2016	BETA	3.45E-02	1.75E-03	1.14E-03	
AP	ONS-2	408223006	10/12/2016	BETA	3.62E-02	1.80E-03	1.15E-03	
AP	ONS-3	408223007	10/12/2016	BETA	3.54E-02	1.77E-03	1.14E-03	
AP	ONS-4	408223008	10/12/2016	BETA	3.16E-02	1.66E-03	1.12E-03	
AP	ONS-5	408223009	10/12/2016	BETA	3.81E-02	1.83E-03	1.13E-03	
AP	ONS-6	408223010	10/12/2016	BETA	3.22E-02	1.69E-03	1.14E-03	
AP	NBF	408923001	10/19/2016	BETA	2.84E-02	1.60E-03	1.11E-03	
AP	SBN	408923002	10/19/2016	BETA	2.79E-02	1.63E-03	1.17E-03	
AP	DOW	408923003	10/19/2016	BETA	2.01E-02	1.40E-03	1.18E-03	
AP	COL	408923004	10/19/2016	BETA	1.86E-02	1.33E-03	1.16E-03	
AP	ONS-1	408923005	10/19/2016	BETA	2.09E-02	1.35E-03	1.08E-03	
AP	ONS-2	408923006	10/19/2016	BETA	2.19E-02	1.43E-03	1.14E-03	
AP	ONS-4	408923008	10/19/2016	BETA	1.91E-02	1.30E-03	1.08E-03	
AP	ONS-5	408923009	10/19/2016	BETA	2.06E-02	1.34E-03	1.07E-03	
AP	ONS-6	408923010	10/19/2016	BETA	2.37E-02	1.49E-03	1.14E-03	
AP	NBF	409381001	10/26/2016	BETA	2.11E-02	1.39E-03	1.20E-03	
AP	SBN	409381002	10/26/2016	BETA	2.26E-02	1.47E-03	1.24E-03	
AP	DOW	409381003	10/26/2016	BETA	1.90E-02	1.36E-03	1.25E-03	
AP	COL	409381004	10/26/2016	BETA	1.79E-02	1.29E-03	1.21E-03	
AP	ONS-1	409381005	10/26/2016	BETA	2.01E-02	1.37E-03	1.21E-03	
AP	ONS-2	409381006	10/26/2016	BETA	2.50E-02	1.53E-03	1.22E-03	
AP	ONS-3	409381007	10/26/2016	BETA	1.70E-02	1.31E-03	1.30E-03	
AP	ONS-4	409381008	10/26/2016	BETA	1.80E-02	1.32E-03	1.24E-03	
AP	ONS-5	409381009	10/26/2016	BETA	2.17E-02	1.36E-03	1.11E-03	
AP	ONS-6	409381010	10/26/2016	BETA	1.93E-02	1.35E-03	1.22E-03	
AP	NBF	409934001	11/2/2016	BETA	3.11E-02	1.69E-03	1.17E-03	
AP	SBN	409934002	11/2/2016	BETA	3.08E-02	1.71E-03	1.22E-03	
AP	DOW	409934003	11/2/2016	BETA	2.74E-02	1.63E-03	1.24E-03	
AP	COL	409934004	11/2/2016	BETA	2.50E-02	1.59E-03	1.28E-03	
AP	ONS-1	409934005	11/2/2016	BETA	2.98E-02	1.64E-03	1.16E-03	
AP	ONS-2	409934006	11/2/2016	BETA	2.87E-02	1.70E-03	1.29E-03	
AP	ONS-3	409934007	11/2/2016	BETA	2.92E-02	1.71E-03	1.27E-03	
AP	ONS-4	409934008	11/2/2016	BETA	2.87E-02	1.65E-03	1.21E-03	
AP	ONS-5	409934009	11/2/2016	BETA	3.62E-02	1.90E-03	1.28E-03	
AP	ONS-6	409934010	11/2/2016	BETA	3.27E-02	1.78E-03	1.23E-03	
AP	NBF	410456001	11/9/2016	BETA	4.14E-02	1.94E-03	1.22E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	SBN	410456002	11/9/2016	BETA	4.30E-02	2.00E-03	1.24E-03	
AP	DOW	410456003	11/9/2016	BETA	3.69E-02	1.86E-03	1.26E-03	
AP	COL	410456004	11/9/2016	BETA	3.68E-02	1.85E-03	1.25E-03	
AP	ONS-1	410456005	11/9/2016	BETA	4.04E-02	1.90E-03	1.20E-03	
AP	ONS-2	410456006	11/9/2016	BETA	4.26E-02	2.02E-03	1.28E-03	
AP	ONS-3	410456007	11/9/2016	BETA	4.25E-02	1.95E-03	1.20E-03	
AP	ONS-4	410456008	11/9/2016	BETA	3.86E-02	1.91E-03	1.26E-03	
AP	ONS-5	410456009	11/9/2016	BETA	4.40E-02	1.98E-03	1.19E-03	
AP	ONS-6	410456010	11/9/2016	BETA	3.80E-02	1.89E-03	1.25E-03	
AP	NBF	411037001	11/16/2016	BETA	3.36E-02	1.79E-03	1.20E-03	
AP	SBN	411037002	11/16/2016	BETA	3.09E-02	1.72E-03	1.21E-03	
AP	DOW	411037003	11/16/2016	BETA	2.89E-02	1.67E-03	1.21E-03	
AP	COL	411037004	11/16/2016	BETA	3.07E-02	1.67E-03	1.15E-03	
AP	ONS-1	411037005	11/16/2016	BETA	4.00E-02	1.91E-03	1.15E-03	
AP	ONS-2	411037006	11/16/2016	BETA	3.55E-02	1.83E-03	1.19E-03	
AP	ONS-3	411037007	11/16/2016	BETA	3.58E-02	1.80E-03	1.14E-03	
AP	ONS-4	411037008	11/16/2016	BETA	3.58E-02	1.84E-03	1.19E-03	
AP	ONS-5	411037009	11/16/2016	BETA	3.86E-02	1.88E-03	1.15E-03	
AP	ONS-6	411037010	11/16/2016	BETA	3.43E-02	1.79E-03	1.17E-03	
AP	NBF	414244001	12/28/2016	Ac-228	-6.81E-05	4.05E-04	1.32E-03	U
AP	NBF	414244001	12/28/2016	Ag-108m	2.57E-05	5.70E-05	1.95E-04	U
AP	NBF	414244001	12/28/2016	Ag-110m	1.10E-04	1.11E-04	3.94E-04	U
AP	NBF	414244001	12/28/2016	Ba-140	7.10E-03	6.57E-03	2.31E-02	U
AP	NBF	414244001	12/28/2016	Be-7	1.01E-01	5.97E-03	4.51E-03	
AP	NBF	414244001	12/28/2016	Ce-141	4.49E-04	2.88E-04	9.83E-04	U
AP	NBF	414244001	12/28/2016	Ce-144	-1.37E-04	3.78E-04	1.28E-03	U
AP	NBF	414244001	12/28/2016	Co-57	1.04E-04	5.52E-05	1.85E-04	U
AP	NBF	414244001	12/28/2016	Co-58	6.71E-05	1.43E-04	4.82E-04	U
AP	NBF	414244001	12/28/2016	Co-60	-7.47E-05	8.97E-05	2.63E-04	U
AP	NBF	414244001	12/28/2016	Cr-51	-1.10E-03	2.31E-03	7.46E-03	U
AP	NBF	414244001	12/28/2016	Cs-134	3.22E-05	7.91E-05	2.68E-04	U
AP	NBF	414244001	12/28/2016	Cs-137	-3.15E-05	9.18E-05	2.89E-04	U
AP	NBF	414244001	12/28/2016	Fe-59	6.01E-04	5.78E-04	1.10E-03	U
AP	NBF	414244001	12/28/2016	I-131	-2.75E-02	1.41E-02	3.49E-02	U
AP	NBF	414244001	12/28/2016	K-40	-8.69E-04	1.29E-03	4.15E-03	U
AP	NBF	414244001	12/28/2016	La-140	-4.18E-03	3.76E-03	1.05E-02	U
AP	NBF	414244001	12/28/2016	Mn-54	-1.56E-05	9.79E-05	3.10E-04	U
AP	NBF	414244001	12/28/2016	Nb-95	1.66E-04	1.56E-04	5.05E-04	U
AP	NBF	414244001	12/28/2016	Ru-103	1.20E-04	2.19E-04	7.44E-04	U
AP	NBF	414244001	12/28/2016	Ru-106	9.75E-04	7.36E-04	2.59E-03	U
AP	NBF	414244001	12/28/2016	Sb-124	1.09E-04	4.59E-04	1.58E-03	U
AP	NBF	414244001	12/28/2016	Sb-125	1.81E-04	2.07E-04	7.14E-04	U
AP	NBF	414244001	12/28/2016	Se-75	2.27E-04	1.38E-04	4.62E-04	U
AP	NBF	414244001	12/28/2016	Th-228	-1.17E-04	1.58E-04	4.70E-04	U
AP	NBF	414244001	12/28/2016	Zn-65	-3.36E-04	1.76E-04	2.49E-04	U
AP	NBF	414244001	12/28/2016	Zr-95	-1.23E-04	2.47E-04	7.47E-04	U
AP	SBN	414244002	12/28/2016	Ac-228	4.82E-04	4.54E-04	1.54E-03	U
AP	SBN	414244002	12/28/2016	Ag-108m	2.59E-05	7.41E-05	2.46E-04	U
AP	SBN	414244002	12/28/2016	Ag-110m	2.19E-04	1.17E-04	4.11E-04	U
AP	SBN	414244002	12/28/2016	Ba-140	8.90E-03	8.66E-03	2.91E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	SBN	414244002	12/28/2016	Be-7	9.40E-02	5.49E-03	3.98E-03	
AP	SBN	414244002	12/28/2016	Ce-141	5.16E-04	7.05E-04	1.15E-03	U
AP	SBN	414244002	12/28/2016	Ce-144	5.11E-04	4.26E-04	1.36E-03	U
AP	SBN	414244002	12/28/2016	Co-57	-1.42E-04	7.15E-05	1.80E-04	U
AP	SBN	414244002	12/28/2016	Co-58	1.33E-04	1.79E-04	5.64E-04	U
AP	SBN	414244002	12/28/2016	Co-60	1.05E-05	1.09E-04	3.55E-04	U
AP	SBN	414244002	12/28/2016	Cr-51	-8.68E-04	2.61E-03	8.48E-03	U
AP	SBN	414244002	12/28/2016	Cs-134	-2.55E-04	1.27E-04	2.61E-04	U
AP	SBN	414244002	12/28/2016	Cs-137	4.17E-04	1.12E-04	2.78E-04	UI
AP	SBN	414244002	12/28/2016	Fe-59	2.72E-04	3.83E-04	1.34E-03	U
AP	SBN	414244002	12/28/2016	I-131	-1.39E-03	1.72E-02	5.63E-02	U
AP	SBN	414244002	12/28/2016	K-40	-2.82E-03	1.72E-03	5.30E-03	U
AP	SBN	414244002	12/28/2016	La-140	-3.25E-03	3.21E-03	9.04E-03	U
AP	SBN	414244002	12/28/2016	Mn-54	-2.69E-05	1.05E-04	2.98E-04	U
AP	SBN	414244002	12/28/2016	Nb-95	3.44E-04	2.37E-04	4.75E-04	U
AP	SBN	414244002	12/28/2016	Ru-103	-5.35E-05	2.33E-04	7.40E-04	U
AP	SBN	414244002	12/28/2016	Ru-106	3.40E-04	9.07E-04	2.96E-03	U
AP	SBN	414244002	12/28/2016	Sb-124	5.39E-04	4.79E-04	1.76E-03	U
AP	SBN	414244002	12/28/2016	Sb-125	4.09E-05	2.12E-04	7.00E-04	U
AP	SBN	414244002	12/28/2016	Se-75	3.24E-05	1.26E-04	4.28E-04	U
AP	SBN	414244002	12/28/2016	Th-228	2.91E-04	2.29E-04	4.26E-04	U
AP	SBN	414244002	12/28/2016	Zn-65	-1.20E-05	2.36E-04	6.71E-04	U
AP	SBN	414244002	12/28/2016	Zr-95	-1.20E-04	2.78E-04	8.99E-04	U
AP	DOW	414244003	12/28/2016	Ac-228	-2.79E-04	3.33E-04	9.85E-04	U
AP	DOW	414244003	12/28/2016	Ag-108m	-2.08E-05	5.31E-05	1.71E-04	U
AP	DOW	414244003	12/28/2016	Ag-110m	-1.02E-04	1.05E-04	3.09E-04	U
AP	DOW	414244003	12/28/2016	Ba-140	-1.59E-03	5.74E-03	1.83E-02	U
AP	DOW	414244003	12/28/2016	Be-7	9.46E-02	6.56E-03	4.37E-03	
AP	DOW	414244003	12/28/2016	Ce-141	-1.44E-04	2.86E-04	8.87E-04	U
AP	DOW	414244003	12/28/2016	Ce-144	1.65E-04	3.70E-04	1.21E-03	U
AP	DOW	414244003	12/28/2016	Co-57	-9.21E-06	4.52E-05	1.44E-04	U
AP	DOW	414244003	12/28/2016	Co-58	1.72E-04	1.23E-04	4.43E-04	U
AP	DOW	414244003	12/28/2016	Co-60	-8.60E-05	7.53E-05	1.88E-04	U
AP	DOW	414244003	12/28/2016	Cr-51	3.18E-04	2.11E-03	7.18E-03	U
AP	DOW	414244003	12/28/2016	Cs-134	5.03E-05	7.11E-05	2.34E-04	U
AP	DOW	414244003	12/28/2016	Cs-137	-1.26E-04	9.16E-05	2.31E-04	U
AP	DOW	414244003	12/28/2016	Fe-59	-4.64E-05	3.72E-04	1.22E-03	U
AP	DOW	414244003	12/28/2016	I-131	5.25E-03	1.12E-02	3.84E-02	U
AP	DOW	414244003	12/28/2016	K-40	2.62E-03	1.56E-03	3.28E-03	U
AP	DOW	414244003	12/28/2016	La-140	-1.90E-03	3.06E-03	8.85E-03	U
AP	DOW	414244003	12/28/2016	Mn-54	4.70E-05	7.94E-05	2.80E-04	U
AP	DOW	414244003	12/28/2016	Nb-95	1.59E-04	1.52E-04	4.79E-04	U
AP	DOW	414244003	12/28/2016	Ru-103	2.50E-05	2.00E-04	5.95E-04	U
AP	DOW	414244003	12/28/2016	Ru-106	1.21E-04	5.93E-04	1.95E-03	U
AP	DOW	414244003	12/28/2016	Sb-124	1.16E-04	3.22E-04	1.10E-03	U
AP	DOW	414244003	12/28/2016	Sb-125	-7.30E-05	1.43E-04	4.50E-04	U
AP	DOW	414244003	12/28/2016	Se-75	4.07E-05	1.04E-04	3.62E-04	U
AP	DOW	414244003	12/28/2016	Th-228	1.80E-04	1.95E-04	4.26E-04	U
AP	DOW	414244003	12/28/2016	Zn-65	-4.13E-05	1.80E-04	5.59E-04	U
AP	DOW	414244003	12/28/2016	Zr-95	6.02E-05	2.15E-04	6.36E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	COL	414244004	12/28/2016	Ac-228	2.54E-04	3.83E-04	1.20E-03	U
AP	COL	414244004	12/28/2016	Ag-108m	-8.19E-05	5.56E-05	1.54E-04	U
AP	COL	414244004	12/28/2016	Ag-110m	2.77E-04	1.62E-04	3.75E-04	U
AP	COL	414244004	12/28/2016	Ba-140	9.02E-03	6.70E-03	2.27E-02	U
AP	COL	414244004	12/28/2016	Be-7	9.69E-02	5.96E-03	2.93E-03	
AP	COL	414244004	12/28/2016	Ce-141	-4.18E-04	3.19E-04	8.34E-04	U
AP	COL	414244004	12/28/2016	Ce-144	-4.66E-04	3.57E-04	1.01E-03	U
AP	COL	414244004	12/28/2016	Co-57	-3.59E-05	4.60E-05	1.27E-04	U
AP	COL	414244004	12/28/2016	Co-58	9.20E-06	9.25E-05	3.17E-04	U
AP	COL	414244004	12/28/2016	Co-60	-5.60E-05	6.64E-05	1.83E-04	U
AP	COL	414244004	12/28/2016	Cr-51	1.45E-04	1.99E-03	6.74E-03	U
AP	COL	414244004	12/28/2016	Cs-134	-7.55E-05	8.20E-05	2.29E-04	U
AP	COL	414244004	12/28/2016	Cs-137	7.06E-05	6.51E-05	2.22E-04	U
AP	COL	414244004	12/28/2016	Fe-59	4.88E-04	3.40E-04	1.23E-03	U
AP	COL	414244004	12/28/2016	I-131	-7.52E-03	9.65E-03	3.00E-02	U
AP	COL	414244004	12/28/2016	K-40	1.81E-03	1.39E-03	2.03E-03	U
AP	COL	414244004	12/28/2016	La-140	2.72E-03	2.02E-03	7.62E-03	U
AP	COL	414244004	12/28/2016	Mn-54	-2.64E-05	5.65E-05	1.81E-04	U
AP	COL	414244004	12/28/2016	Nb-95	-1.82E-04	1.34E-04	3.46E-04	U
AP	COL	414244004	12/28/2016	Ru-103	2.49E-04	1.65E-04	5.63E-04	U
AP	COL	414244004	12/28/2016	Ru-106	-4.68E-04	7.25E-04	1.91E-03	U
AP	COL	414244004	12/28/2016	Sb-124	5.00E-04	4.12E-04	1.47E-03	U
AP	COL	414244004	12/28/2016	Sb-125	3.14E-04	1.70E-04	5.76E-04	U
AP	COL	414244004	12/28/2016	Se-75	5.88E-05	1.02E-04	3.51E-04	U
AP	COL	414244004	12/28/2016	Th-228	1.21E-04	1.59E-04	3.82E-04	U
AP	COL	414244004	12/28/2016	Zn-65	1.88E-04	2.00E-04	7.03E-04	U
AP	COL	414244004	12/28/2016	Zr-95	1.72E-04	2.06E-04	6.97E-04	U
AP	ONS-1	414244005	12/28/2016	Ac-228	8.08E-04	5.07E-04	1.19E-03	U
AP	ONS-1	414244005	12/28/2016	Ag-108m	-1.48E-05	5.10E-05	1.64E-04	U
AP	ONS-1	414244005	12/28/2016	Ag-110m	1.05E-04	1.13E-04	3.89E-04	U
AP	ONS-1	414244005	12/28/2016	Ba-140	2.29E-03	5.43E-03	1.84E-02	U
AP	ONS-1	414244005	12/28/2016	Be-7	9.75E-02	6.19E-03	3.64E-03	
AP	ONS-1	414244005	12/28/2016	Ce-141	-4.10E-04	3.25E-04	9.11E-04	U
AP	ONS-1	414244005	12/28/2016	Ce-144	-1.62E-04	3.92E-04	1.18E-03	U
AP	ONS-1	414244005	12/28/2016	Co-57	8.28E-06	4.78E-05	1.39E-04	U
AP	ONS-1	414244005	12/28/2016	Co-58	-2.18E-04	1.41E-04	3.40E-04	U
AP	ONS-1	414244005	12/28/2016	Co-60	9.76E-05	8.12E-05	3.01E-04	U
AP	ONS-1	414244005	12/28/2016	Cr-51	-1.18E-03	2.23E-03	7.18E-03	U
AP	ONS-1	414244005	12/28/2016	Cs-134	6.17E-05	6.98E-05	2.43E-04	U
AP	ONS-1	414244005	12/28/2016	Cs-137	-5.51E-05	6.72E-05	1.93E-04	U
AP	ONS-1	414244005	12/28/2016	Fe-59	-1.33E-04	2.28E-04	6.77E-04	U
AP	ONS-1	414244005	12/28/2016	I-131	-2.36E-02	1.40E-02	3.79E-02	U
AP	ONS-1	414244005	12/28/2016	K-40	3.47E-03	1.25E-03	1.47E-03	UI
AP	ONS-1	414244005	12/28/2016	La-140	9.46E-04	2.09E-03	7.40E-03	U
AP	ONS-1	414244005	12/28/2016	Mn-54	1.64E-05	8.23E-05	2.67E-04	U
AP	ONS-1	414244005	12/28/2016	Nb-95	2.14E-04	1.42E-04	4.90E-04	U
AP	ONS-1	414244005	12/28/2016	Ru-103	6.23E-05	1.60E-04	5.38E-04	U
AP	ONS-1	414244005	12/28/2016	Ru-106	3.85E-05	6.60E-04	2.15E-03	U
AP	ONS-1	414244005	12/28/2016	Sb-124	8.79E-05	3.03E-04	1.04E-03	U
AP	ONS-1	414244005	12/28/2016	Sb-125	2.02E-04	1.90E-04	6.52E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-1	414244005	12/28/2016	Se-75	1.35E-04	1.20E-04	4.09E-04	U
AP	ONS-1	414244005	12/28/2016	Th-228	2.33E-04	2.00E-04	4.54E-04	U
AP	ONS-1	414244005	12/28/2016	Zn-65	-5.11E-05	1.57E-04	5.04E-04	U
AP	ONS-1	414244005	12/28/2016	Zr-95	-1.14E-04	2.03E-04	5.98E-04	U
AP	ONS-2	414244006	12/28/2016	Ac-228	-7.01E-04	6.07E-04	1.65E-03	U
AP	ONS-2	414244006	12/28/2016	Ag-108m	-3.83E-05	1.02E-04	3.30E-04	U
AP	ONS-2	414244006	12/28/2016	Ag-110m	6.07E-05	1.91E-04	6.60E-04	U
AP	ONS-2	414244006	12/28/2016	Ba-140	-3.11E-03	9.94E-03	3.15E-02	U
AP	ONS-2	414244006	12/28/2016	Be-7	1.07E-01	9.91E-03	6.10E-03	
AP	ONS-2	414244006	12/28/2016	Ce-141	5.19E-05	4.75E-04	1.59E-03	U
AP	ONS-2	414244006	12/28/2016	Ce-144	-6.00E-05	5.33E-04	1.62E-03	U
AP	ONS-2	414244006	12/28/2016	Co-57	-1.12E-04	8.52E-05	2.44E-04	U
AP	ONS-2	414244006	12/28/2016	Co-58	1.25E-04	2.43E-04	8.55E-04	U
AP	ONS-2	414244006	12/28/2016	Co-60	-6.99E-05	1.34E-04	3.73E-04	U
AP	ONS-2	414244006	12/28/2016	Cr-51	1.27E-03	3.83E-03	1.25E-02	U
AP	ONS-2	414244006	12/28/2016	Cs-134	-2.68E-06	8.16E-05	2.63E-04	U
AP	ONS-2	414244006	12/28/2016	Cs-137	2.19E-04	1.66E-04	6.14E-04	U
AP	ONS-2	414244006	12/28/2016	Fe-59	6.67E-04	7.16E-04	2.77E-03	U
AP	ONS-2	414244006	12/28/2016	I-131	2.03E-02	1.82E-02	6.49E-02	U
AP	ONS-2	414244006	12/28/2016	K-40	-1.63E-03	1.85E-03	6.78E-03	U
AP	ONS-2	414244006	12/28/2016	La-140	2.77E-03	4.85E-03	1.83E-02	U
AP	ONS-2	414244006	12/28/2016	Mn-54	1.11E-04	1.63E-04	5.84E-04	U
AP	ONS-2	414244006	12/28/2016	Nb-95	1.59E-04	2.09E-04	7.95E-04	U
AP	ONS-2	414244006	12/28/2016	Ru-103	-1.11E-04	2.97E-04	9.47E-04	U
AP	ONS-2	414244006	12/28/2016	Ru-106	-7.02E-04	1.35E-03	4.12E-03	U
AP	ONS-2	414244006	12/28/2016	Sb-124	8.35E-04	6.22E-04	2.75E-03	U
AP	ONS-2	414244006	12/28/2016	Sb-125	-5.48E-04	3.38E-04	8.25E-04	U
AP	ONS-2	414244006	12/28/2016	Se-75	-1.68E-04	1.93E-04	5.42E-04	U
AP	ONS-2	414244006	12/28/2016	Th-228	1.43E-04	3.09E-04	5.68E-04	U
AP	ONS-2	414244006	12/28/2016	Zn-65	-1.17E-04	2.47E-04	7.15E-04	U
AP	ONS-2	414244006	12/28/2016	Zr-95	2.16E-04	3.69E-04	1.34E-03	U
AP	ONS-3	414244007	12/28/2016	Ac-228	2.71E-05	4.89E-04	1.11E-03	U
AP	ONS-3	414244007	12/28/2016	Ag-108m	2.20E-05	6.63E-05	2.24E-04	U
AP	ONS-3	414244007	12/28/2016	Ag-110m	5.11E-05	1.22E-04	4.05E-04	U
AP	ONS-3	414244007	12/28/2016	Ba-140	1.90E-03	6.59E-03	2.21E-02	U
AP	ONS-3	414244007	12/28/2016	Be-7	1.10E-01	7.27E-03	3.64E-03	
AP	ONS-3	414244007	12/28/2016	Ce-141	-2.33E-04	3.09E-04	8.71E-04	U
AP	ONS-3	414244007	12/28/2016	Ce-144	2.17E-04	3.98E-04	1.28E-03	U
AP	ONS-3	414244007	12/28/2016	Co-57	3.73E-06	4.90E-05	1.55E-04	U
AP	ONS-3	414244007	12/28/2016	Co-58	1.15E-05	1.36E-04	3.92E-04	U
AP	ONS-3	414244007	12/28/2016	Co-60	-6.33E-05	7.40E-05	2.03E-04	U
AP	ONS-3	414244007	12/28/2016	Cr-51	3.00E-03	2.45E-03	8.48E-03	U
AP	ONS-3	414244007	12/28/2016	Cs-134	-4.13E-05	8.74E-05	2.62E-04	U
AP	ONS-3	414244007	12/28/2016	Cs-137	-7.64E-05	7.72E-05	2.15E-04	U
AP	ONS-3	414244007	12/28/2016	Fe-59	-2.88E-04	3.60E-04	1.06E-03	U
AP	ONS-3	414244007	12/28/2016	I-131	-3.46E-03	1.29E-02	4.24E-02	U
AP	ONS-3	414244007	12/28/2016	K-40	-3.77E-04	1.05E-03	3.76E-03	U
AP	ONS-3	414244007	12/28/2016	La-140	1.98E-03	1.91E-03	7.52E-03	U
AP	ONS-3	414244007	12/28/2016	Mn-54	-6.16E-06	8.91E-05	2.82E-04	U
AP	ONS-3	414244007	12/28/2016	Nb-95	1.85E-04	1.49E-04	5.18E-04	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-3	414244007	12/28/2016	Ru-103	-1.68E-04	2.17E-04	5.72E-04	U
AP	ONS-3	414244007	12/28/2016	Ru-106	9.97E-04	7.30E-04	2.55E-03	U
AP	ONS-3	414244007	12/28/2016	Sb-124	2.15E-04	3.26E-04	1.20E-03	U
AP	ONS-3	414244007	12/28/2016	Sb-125	4.53E-05	1.97E-04	6.63E-04	U
AP	ONS-3	414244007	12/28/2016	Se-75	1.20E-04	1.19E-04	4.13E-04	U
AP	ONS-3	414244007	12/28/2016	Th-228	2.51E-04	2.05E-04	4.19E-04	U
AP	ONS-3	414244007	12/28/2016	Zn-65	-1.91E-04	2.04E-04	6.00E-04	U
AP	ONS-3	414244007	12/28/2016	Zr-95	-4.08E-05	1.87E-04	5.78E-04	U
AP	ONS-4	414244008	12/28/2016	Ac-228	3.78E-04	4.11E-04	1.33E-03	U
AP	ONS-4	414244008	12/28/2016	Ag-108m	8.75E-05	6.30E-05	1.99E-04	U
AP	ONS-4	414244008	12/28/2016	Ag-110m	2.36E-05	1.19E-04	3.95E-04	U
AP	ONS-4	414244008	12/28/2016	Ba-140	7.76E-03	8.83E-03	2.25E-02	U
AP	ONS-4	414244008	12/28/2016	Be-7	1.03E-01	5.24E-03	3.36E-03	
AP	ONS-4	414244008	12/28/2016	Ce-141	-2.05E-04	2.42E-04	7.81E-04	U
AP	ONS-4	414244008	12/28/2016	Ce-144	2.21E-04	2.98E-04	1.05E-03	U
AP	ONS-4	414244008	12/28/2016	Co-57	-3.74E-05	3.98E-05	1.13E-04	U
AP	ONS-4	414244008	12/28/2016	Co-58	1.58E-04	1.23E-04	4.42E-04	U
AP	ONS-4	414244008	12/28/2016	Co-60	-2.92E-06	8.93E-05	2.97E-04	U
AP	ONS-4	414244008	12/28/2016	Cr-51	-2.19E-03	2.45E-03	7.40E-03	U
AP	ONS-4	414244008	12/28/2016	Cs-134	-1.33E-04	8.06E-05	1.88E-04	U
AP	ONS-4	414244008	12/28/2016	Cs-137	1.36E-04	6.86E-05	2.48E-04	U
AP	ONS-4	414244008	12/28/2016	Fe-59	9.61E-06	3.55E-04	1.14E-03	U
AP	ONS-4	414244008	12/28/2016	I-131	-1.63E-02	1.52E-02	3.83E-02	U
AP	ONS-4	414244008	12/28/2016	K-40	-4.69E-04	1.30E-03	4.26E-03	U
AP	ONS-4	414244008	12/28/2016	La-140	2.15E-03	2.47E-03	9.09E-03	U
AP	ONS-4	414244008	12/28/2016	Mn-54	-7.20E-06	7.53E-05	2.45E-04	U
AP	ONS-4	414244008	12/28/2016	Nb-95	7.60E-05	1.47E-04	5.04E-04	U
AP	ONS-4	414244008	12/28/2016	Ru-103	-2.40E-04	1.88E-04	4.93E-04	U
AP	ONS-4	414244008	12/28/2016	Ru-106	-4.33E-04	5.97E-04	1.83E-03	U
AP	ONS-4	414244008	12/28/2016	Sb-124	-5.46E-05	4.73E-04	1.52E-03	U
AP	ONS-4	414244008	12/28/2016	Sb-125	-6.82E-05	1.80E-04	5.55E-04	U
AP	ONS-4	414244008	12/28/2016	Se-75	2.35E-05	1.15E-04	3.83E-04	U
AP	ONS-4	414244008	12/28/2016	Th-228	1.47E-04	1.53E-04	4.12E-04	U
AP	ONS-4	414244008	12/28/2016	Zn-65	-2.31E-04	1.89E-04	4.67E-04	U
AP	ONS-4	414244008	12/28/2016	Zr-95	-2.29E-04	2.25E-04	6.35E-04	U
AP	ONS-5	414244009	12/28/2016	Ac-228	-5.13E-04	4.03E-04	1.12E-03	U
AP	ONS-5	414244009	12/28/2016	Ag-108m	3.43E-05	6.38E-05	2.18E-04	U
AP	ONS-5	414244009	12/28/2016	Ag-110m	5.76E-05	1.08E-04	3.70E-04	U
AP	ONS-5	414244009	12/28/2016	Ba-140	3.12E-03	6.11E-03	2.10E-02	U
AP	ONS-5	414244009	12/28/2016	Be-7	1.05E-01	5.73E-03	3.79E-03	
AP	ONS-5	414244009	12/28/2016	Ce-141	5.38E-05	5.51E-04	9.16E-04	U
AP	ONS-5	414244009	12/28/2016	Ce-144	-6.30E-05	3.38E-04	1.15E-03	U
AP	ONS-5	414244009	12/28/2016	Co-57	1.47E-05	4.45E-05	1.55E-04	U
AP	ONS-5	414244009	12/28/2016	Co-58	5.81E-05	1.45E-04	4.87E-04	U
AP	ONS-5	414244009	12/28/2016	Co-60	-5.14E-05	7.78E-05	2.34E-04	U
AP	ONS-5	414244009	12/28/2016	Cr-51	-2.31E-03	2.61E-03	8.15E-03	U
AP	ONS-5	414244009	12/28/2016	Cs-134	7.55E-05	1.05E-04	2.80E-04	U
AP	ONS-5	414244009	12/28/2016	Cs-137	1.34E-04	8.21E-05	2.89E-04	U
AP	ONS-5	414244009	12/28/2016	Fe-59	-3.97E-04	4.04E-04	1.06E-03	U
AP	ONS-5	414244009	12/28/2016	I-131	-2.17E-02	1.42E-02	3.93E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	ONS-5	414244009	12/28/2016	K-40	-6.64E-04	1.36E-03	4.46E-03	U
AP	ONS-5	414244009	12/28/2016	La-140	-3.53E-03	2.65E-03	6.25E-03	U
AP	ONS-5	414244009	12/28/2016	Mn-54	-1.21E-04	9.39E-05	2.43E-04	U
AP	ONS-5	414244009	12/28/2016	Nb-95	2.17E-04	1.44E-04	4.72E-04	U
AP	ONS-5	414244009	12/28/2016	Ru-103	-1.68E-05	1.76E-04	5.75E-04	U
AP	ONS-5	414244009	12/28/2016	Ru-106	-2.81E-04	7.33E-04	2.30E-03	U
AP	ONS-5	414244009	12/28/2016	Sb-124	-1.04E-04	3.35E-04	1.05E-03	U
AP	ONS-5	414244009	12/28/2016	Sb-125	-3.26E-04	2.16E-04	5.92E-04	U
AP	ONS-5	414244009	12/28/2016	Se-75	4.89E-05	1.35E-04	4.16E-04	U
AP	ONS-5	414244009	12/28/2016	Th-228	3.43E-04	2.20E-04	4.99E-04	U
AP	ONS-5	414244009	12/28/2016	Zn-65	2.18E-05	2.02E-04	6.50E-04	U
AP	ONS-5	414244009	12/28/2016	Zr-95	2.00E-04	2.30E-04	8.04E-04	U
AP	ONS-6	414244010	12/28/2016	Ac-228	5.97E-04	6.61E-04	1.58E-03	U
AP	ONS-6	414244010	12/28/2016	Ag-108m	1.83E-04	8.27E-05	2.68E-04	U
AP	ONS-6	414244010	12/28/2016	Ag-110m	1.01E-04	1.24E-04	4.37E-04	U
AP	ONS-6	414244010	12/28/2016	Ba-140	2.38E-03	8.14E-03	2.67E-02	U
AP	ONS-6	414244010	12/28/2016	Be-7	1.02E-01	5.38E-03	5.02E-03	
AP	ONS-6	414244010	12/28/2016	Ce-141	-3.44E-04	3.53E-04	1.02E-03	U
AP	ONS-6	414244010	12/28/2016	Ce-144	1.29E-04	4.31E-04	1.37E-03	U
AP	ONS-6	414244010	12/28/2016	Co-57	-6.34E-06	5.66E-05	1.77E-04	U
AP	ONS-6	414244010	12/28/2016	Co-58	-1.60E-06	1.55E-04	5.20E-04	U
AP	ONS-6	414244010	12/28/2016	Co-60	6.30E-05	9.51E-05	3.29E-04	U
AP	ONS-6	414244010	12/28/2016	Cr-51	-5.14E-04	2.82E-03	9.26E-03	U
AP	ONS-6	414244010	12/28/2016	Cs-134	-1.40E-04	1.06E-04	2.51E-04	U
AP	ONS-6	414244010	12/28/2016	Cs-137	1.38E-04	1.01E-04	3.56E-04	U
AP	ONS-6	414244010	12/28/2016	Fe-59	-3.46E-04	4.48E-04	1.32E-03	U
AP	ONS-6	414244010	12/28/2016	I-131	1.70E-02	1.77E-02	5.96E-02	U
AP	ONS-6	414244010	12/28/2016	K-40	-3.87E-04	1.56E-03	5.69E-03	U
AP	ONS-6	414244010	12/28/2016	La-140	-5.05E-03	3.71E-03	9.86E-03	U
AP	ONS-6	414244010	12/28/2016	Mn-54	-5.44E-05	1.04E-04	3.31E-04	U
AP	ONS-6	414244010	12/28/2016	Nb-95	-2.90E-04	2.15E-04	5.10E-04	U
AP	ONS-6	414244010	12/28/2016	Ru-103	3.16E-04	2.50E-04	7.15E-04	U
AP	ONS-6	414244010	12/28/2016	Ru-106	-6.47E-04	1.02E-03	3.05E-03	U
AP	ONS-6	414244010	12/28/2016	Sb-124	2.61E-04	3.84E-04	1.39E-03	U
AP	ONS-6	414244010	12/28/2016	Sb-125	2.68E-04	2.37E-04	8.00E-04	U
AP	ONS-6	414244010	12/28/2016	Se-75	2.71E-04	1.44E-04	4.72E-04	U
AP	ONS-6	414244010	12/28/2016	Th-228	-4.49E-05	1.45E-04	4.34E-04	U
AP	ONS-6	414244010	12/28/2016	Zn-65	1.52E-04	2.49E-04	7.68E-04	U
AP	ONS-6	414244010	12/28/2016	Zr-95	-2.63E-04	2.94E-04	8.96E-04	U
AP	NBF	411429001	11/23/2016	BETA	4.34E-02	1.99E-03	1.14E-03	
AP	SBN	411429002	11/23/2016	BETA	4.57E-02	2.06E-03	1.17E-03	
AP	DOW	411429003	11/23/2016	BETA	4.06E-02	1.93E-03	1.16E-03	
AP	COL	411429004	11/23/2016	BETA	4.25E-02	1.96E-03	1.14E-03	
AP	ONS-1	411429005	11/23/2016	BETA	4.21E-02	1.98E-03	1.17E-03	
AP	ONS-2	411429006	11/23/2016	BETA	4.62E-02	2.05E-03	1.14E-03	
AP	ONS-3	411429007	11/23/2016	BETA	4.01E-02	1.91E-03	1.15E-03	
AP	ONS-4	411429008	11/23/2016	BETA	4.27E-02	1.99E-03	1.17E-03	
AP	ONS-5	411429009	11/23/2016	BETA	4.06E-02	1.92E-03	1.14E-03	
AP	ONS-6	411429010	11/23/2016	BETA	3.98E-02	1.91E-03	1.16E-03	
AP	NBF	411698001	11/30/2016	BETA	4.17E-02	1.97E-03	1.15E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
AP	SBN	411698002	11/30/2016	BETA	4.10E-02	1.97E-03	1.18E-03	
AP	DOW	411698003	11/30/2016	BETA	3.84E-02	1.89E-03	1.16E-03	
AP	COL	411698004	11/30/2016	BETA	4.10E-02	1.94E-03	1.14E-03	
AP	ONS-1	411698005	11/30/2016	BETA	4.12E-02	1.97E-03	1.17E-03	
AP	ONS-2	411698006	11/30/2016	BETA	4.23E-02	2.02E-03	1.20E-03	
AP	ONS-3	411698007	11/30/2016	BETA	3.79E-02	1.85E-03	1.12E-03	
AP	ONS-4	411698008	11/30/2016	BETA	3.51E-02	1.83E-03	1.18E-03	
AP	ONS-5	411698009	11/30/2016	BETA	4.06E-02	1.95E-03	1.17E-03	
AP	ONS-6	411698010	11/30/2016	BETA	4.42E-02	2.03E-03	1.15E-03	
AP	NBF	412404001	12/7/2016	BETA	2.24E-02	1.47E-03	1.26E-03	
AP	SBN	412404002	12/7/2016	BETA	2.14E-02	1.42E-03	1.23E-03	
AP	DOW	412404003	12/7/2016	BETA	2.09E-02	1.39E-03	1.20E-03	
AP	COL	412404004	12/7/2016	BETA	1.91E-02	1.32E-03	1.18E-03	
AP	ONS-1	412404005	12/7/2016	BETA	1.97E-02	1.34E-03	1.19E-03	
AP	ONS-2	412404006	12/7/2016	BETA	1.80E-02	1.32E-03	1.24E-03	
AP	ONS-3	412404007	12/7/2016	BETA	2.12E-02	1.39E-03	1.18E-03	
AP	ONS-4	412404008	12/7/2016	BETA	1.80E-02	1.31E-03	1.23E-03	
AP	ONS-5	412404009	12/7/2016	BETA	1.94E-02	1.33E-03	1.19E-03	
AP	ONS-6	412404010	12/7/2016	BETA	2.01E-02	1.37E-03	1.20E-03	
AP	NBF	412897001	12/14/2016	BETA	3.18E-02	1.69E-03	1.17E-03	
AP	SBN	412897002	12/14/2016	BETA	2.83E-02	1.60E-03	1.19E-03	
AP	DOW	412897003	12/14/2016	BETA	3.44E-02	1.76E-03	1.19E-03	
AP	COL	412897004	12/14/2016	BETA	3.12E-02	1.69E-03	1.20E-03	
AP	ONS-1	412897005	12/14/2016	BETA	2.82E-02	1.59E-03	1.18E-03	
AP	ONS-2	412897006	12/14/2016	BETA	2.95E-02	1.64E-03	1.20E-03	
AP	ONS-3	412897007	12/14/2016	BETA	3.10E-02	1.68E-03	1.20E-03	
AP	ONS-4	412897008	12/14/2016	BETA	2.78E-02	1.60E-03	1.20E-03	
AP	ONS-5	412897009	12/14/2016	BETA	2.66E-02	1.53E-03	1.16E-03	
AP	ONS-6	412897010	12/14/2016	BETA	2.64E-02	1.54E-03	1.17E-03	
AP	NBF	413336001	12/21/2016	BETA	2.73E-02	1.60E-03	1.22E-03	
AP	SBN	413336002	12/21/2016	BETA	3.24E-02	1.77E-03	1.27E-03	
AP	DOW	413336003	12/21/2016	BETA	3.04E-02	1.69E-03	1.22E-03	
AP	COL	413336004	12/21/2016	BETA	2.70E-02	1.57E-03	1.19E-03	
AP	ONS-1	413336005	12/21/2016	BETA	2.71E-02	1.55E-03	1.16E-03	
AP	ONS-2	413336006	12/21/2016	BETA	2.67E-02	1.54E-03	1.16E-03	
AP	ONS-3	413336007	12/21/2016	BETA	2.70E-02	1.56E-03	1.19E-03	
AP	ONS-4	413336008	12/21/2016	BETA	3.11E-02	1.68E-03	1.19E-03	
AP	ONS-5	413336009	12/21/2016	BETA	2.71E-02	1.60E-03	1.24E-03	
AP	ONS-6	413336010	12/21/2016	BETA	2.58E-02	1.53E-03	1.19E-03	
AP	NBF	413521001	12/28/2016	BETA	3.35E-02	1.82E-03	1.30E-03	
AP	SBN	413521002	12/28/2016	BETA	3.14E-02	1.74E-03	1.26E-03	
AP	DOW	413521003	12/28/2016	BETA	3.12E-02	1.74E-03	1.27E-03	
AP	COL	413521004	12/28/2016	BETA	2.64E-02	1.57E-03	1.22E-03	
AP	ONS-1	413521005	12/28/2016	BETA	2.73E-02	1.61E-03	1.25E-03	
AP	ONS-2	413521006	12/28/2016	BETA	2.61E-02	1.58E-03	1.26E-03	
AP	ONS-3	413521007	12/28/2016	BETA	2.44E-02	1.51E-03	1.23E-03	
AP	ONS-4	413521008	12/28/2016	BETA	2.72E-02	1.56E-03	1.17E-03	
AP	ONS-5	413521009	12/28/2016	BETA	2.70E-02	1.66E-03	1.34E-03	
AP	ONS-6	413521010	12/28/2016	BETA	2.69E-02	1.57E-03	1.20E-03	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	388922012	1/6/2016	I-131	5.04E-03	6.25E-03	2.22E-02	U
CF	SBN	388922013	1/6/2016	I-131	4.85E-03	7.69E-03	2.65E-02	U
CF	DOW	388922014	1/6/2016	I-131	2.50E-03	2.58E-03	1.15E-02	U
CF	COL	388922015	1/6/2016	I-131	2.57E-03	4.58E-03	1.64E-02	U
CF	ONS-1	388922016	1/6/2016	I-131	5.67E-03	6.81E-03	2.46E-02	U
CF	ONS-2	388922017	1/6/2016	I-131	6.82E-03	7.85E-03	2.76E-02	U
CF	ONS-3	388922018	1/6/2016	I-131	1.48E-03	4.73E-03	1.63E-02	U
CF	ONS-4	388922019	1/6/2016	I-131	-8.00E-03	4.62E-03	7.40E-03	U
CF	ONS-5	388922020	1/6/2016	I-131	2.38E-03	4.83E-03	1.71E-02	U
CF	ONS-6	388922021	1/6/2016	I-131	-5.63E-03	4.05E-03	8.94E-03	U
CF	NBF	389483012	1/13/2016	I-131	-5.00E-03	4.51E-03	1.08E-02	U
CF	SBN	389483013	1/13/2016	I-131	1.72E-03	5.64E-03	1.93E-02	U
CF	DOW	389483014	1/13/2016	I-131	-1.40E-04	5.45E-03	1.91E-02	U
CF	COL	389483015	1/13/2016	I-131	-4.46E-03	6.50E-03	1.85E-02	U
CF	ONS-1	389483016	1/13/2016	I-131	-2.43E-03	5.76E-03	1.71E-02	U
CF	ONS-2	389483017	1/13/2016	I-131	-1.09E-02	5.99E-03	1.16E-02	U
CF	ONS-3	389483018	1/13/2016	I-131	2.13E-03	6.32E-03	2.19E-02	U
CF	ONS-4	389483019	1/13/2016	I-131	-9.28E-04	5.25E-03	1.71E-02	U
CF	ONS-5	389483020	1/13/2016	I-131	4.68E-03	6.36E-03	2.25E-02	U
CF	ONS-6	389483021	1/13/2016	I-131	-2.46E-03	6.21E-03	1.88E-02	U
CF	NBF	389873012	1/20/2016	I-131	-8.27E-03	7.03E-03	1.72E-02	U
CF	SBN	389873013	1/20/2016	I-131	-2.07E-03	6.54E-03	2.03E-02	U
CF	DOW	389873014	1/20/2016	I-131	-1.72E-03	5.54E-03	1.73E-02	U
CF	COL	389873015	1/20/2016	I-131	-6.88E-03	5.22E-03	1.29E-02	U
CF	ONS-1	389873016	1/20/2016	I-131	-1.86E-03	4.92E-03	1.50E-02	U
CF	ONS-2	389873017	1/20/2016	I-131	-8.96E-03	7.74E-03	1.97E-02	U
CF	ONS-3	389873018	1/20/2016	I-131	2.44E-03	9.47E-03	3.21E-02	U
CF	ONS-4	389873019	1/20/2016	I-131	-3.28E-03	7.62E-03	2.34E-02	U
CF	ONS-5	389873020	1/20/2016	I-131	-2.12E-03	5.17E-03	1.53E-02	U
CF	ONS-6	389873021	1/20/2016	I-131	5.12E-03	5.61E-03	2.01E-02	U
CF	NBF	390288012	1/27/2016	I-131	-6.41E-03	5.84E-03	1.49E-02	U
CF	SBN	390288013	1/27/2016	I-131	-3.07E-03	4.36E-03	1.28E-02	U
CF	DOW	390288014	1/27/2016	I-131	4.85E-03	4.79E-03	1.77E-02	U
CF	COL	390288015	1/27/2016	I-131	-2.69E-03	5.30E-03	1.49E-02	U
CF	ONS-1	390288016	1/27/2016	I-131	4.10E-03	6.12E-03	2.19E-02	U
CF	ONS-2	390288017	1/27/2016	I-131	7.64E-03	7.07E-03	2.64E-02	U
CF	ONS-3	390288018	1/27/2016	I-131	-1.80E-03	5.09E-03	1.62E-02	U
CF	ONS-4	390288019	1/27/2016	I-131	1.28E-03	5.22E-03	1.80E-02	U
CF	ONS-5	390288020	1/27/2016	I-131	-7.12E-03	5.84E-03	1.42E-02	U
CF	ONS-6	390288021	1/27/2016	I-131	-5.72E-03	9.38E-03	2.67E-02	U
CF	NBF	390825012	2/3/2016	I-131	1.59E-03	5.91E-03	2.04E-02	U
CF	SBN	390825013	2/3/2016	I-131	-4.34E-03	6.86E-03	2.14E-02	U
CF	DOW	390825014	2/3/2016	I-131	-3.43E-03	6.96E-03	2.20E-02	U
CF	COL	390825015	2/3/2016	I-131	1.23E-02	7.69E-03	2.80E-02	U
CF	ONS-1	390825016	2/3/2016	I-131	4.92E-03	5.32E-03	1.98E-02	U
CF	ONS-2	390825017	2/3/2016	I-131	2.90E-04	1.18E-02	3.84E-02	U
CF	ONS-3	390825018	2/3/2016	I-131	-1.71E-03	5.56E-03	1.69E-02	U
CF	ONS-4	390825019	2/3/2016	I-131	3.97E-03	3.72E-03	1.47E-02	U
CF	ONS-5	390825020	2/3/2016	I-131	-2.26E-03	7.33E-03	2.29E-02	U
CF	ONS-6	390825021	2/3/2016	I-131	-3.44E-03	4.39E-03	1.17E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	391285012	2/10/2016	I-131	-1.10E-02	6.24E-03	1.50E-02	U
CF	SBN	391285013	2/10/2016	I-131	-5.75E-03	5.36E-03	1.39E-02	U
CF	DOW	391285014	2/10/2016	I-131	-1.04E-03	4.41E-03	1.35E-02	U
CF	COL	391285015	2/10/2016	I-131	4.48E-03	7.27E-03	2.65E-02	U
CF	ONS-1	391285016	2/10/2016	I-131	-5.20E-03	4.56E-03	9.92E-03	U
CF	ONS-2	391285017	2/10/2016	I-131	1.95E-03	4.22E-03	1.51E-02	U
CF	ONS-3	391285018	2/10/2016	I-131	-4.68E-03	5.80E-03	1.53E-02	U
CF	ONS-4	391285019	2/10/2016	I-131	4.00E-03	6.91E-03	2.44E-02	U
CF	ONS-5	391285020	2/10/2016	I-131	2.86E-03	5.10E-03	1.81E-02	U
CF	ONS-6	391285021	2/10/2016	I-131	-1.08E-02	6.47E-03	1.38E-02	U
CF	NBF	391696012	2/17/2016	I-131	3.44E-03	6.57E-03	2.28E-02	U
CF	SBN	391696013	2/17/2016	I-131	-4.82E-04	4.94E-03	1.56E-02	U
CF	DOW	391696014	2/17/2016	I-131	9.07E-04	5.31E-03	1.77E-02	U
CF	COL	391696015	2/17/2016	I-131	6.09E-03	4.80E-03	1.91E-02	U
CF	ONS-1	391696016	2/17/2016	I-131	5.09E-03	7.87E-03	2.78E-02	U
CF	ONS-2	391696017	2/17/2016	I-131	3.54E-04	6.35E-03	2.07E-02	U
CF	ONS-3	391696018	2/17/2016	I-131	1.16E-02	7.79E-03	2.83E-02	U
CF	ONS-4	391696019	2/17/2016	I-131	2.54E-03	5.06E-03	1.70E-02	U
CF	ONS-5	391696020	2/17/2016	I-131	9.28E-03	1.02E-02	3.67E-02	U
CF	ONS-6	391696021	2/17/2016	I-131	9.13E-05	6.57E-03	2.17E-02	U
CF	NBF	392125012	2/24/2016	I-131	1.26E-03	4.81E-03	1.63E-02	U
CF	SBN	392125013	2/24/2016	I-131	-1.16E-03	5.31E-03	1.71E-02	U
CF	DOW	392125014	2/24/2016	I-131	-7.49E-04	6.85E-03	2.27E-02	U
CF	COL	392125015	2/24/2016	I-131	2.10E-03	8.03E-03	2.70E-02	U
CF	ONS-1	392125016	2/24/2016	I-131	1.96E-03	4.62E-03	1.62E-02	U
CF	ONS-2	392125017	2/24/2016	I-131	9.01E-03	8.73E-03	2.85E-02	U
CF	ONS-3	392125018	2/24/2016	I-131	5.73E-04	6.82E-03	2.24E-02	U
CF	ONS-4	392125019	2/24/2016	I-131	8.87E-03	6.87E-03	2.48E-02	U
CF	ONS-5	392125020	2/24/2016	I-131	-9.25E-03	7.12E-03	1.86E-02	U
CF	ONS-6	392125021	2/24/2016	I-131	-4.40E-03	6.54E-03	1.88E-02	U
CF	NBF	392609012	3/2/2016	I-131	-1.04E-03	1.15E-02	3.69E-02	U
CF	SBN	392609013	3/2/2016	I-131	8.92E-03	6.58E-03	2.40E-02	U
CF	DOW	392609014	3/2/2016	I-131	-4.74E-04	4.56E-03	1.45E-02	U
CF	COL	392609015	3/2/2016	I-131	-5.65E-03	4.98E-03	1.32E-02	U
CF	ONS-1	392609016	3/2/2016	I-131	-8.29E-03	7.39E-03	1.63E-02	U
CF	ONS-2	392609017	3/2/2016	I-131	2.63E-03	4.19E-03	1.53E-02	U
CF	ONS-3	392609018	3/2/2016	I-131	1.72E-02	1.11E-02	4.12E-02	U
CF	ONS-4	392609019	3/2/2016	I-131	-8.23E-03	6.35E-03	1.65E-02	U
CF	ONS-5	392609020	3/2/2016	I-131	-1.67E-03	6.11E-03	1.99E-02	U
CF	ONS-6	392609021	3/2/2016	I-131	9.24E-03	1.01E-02	3.70E-02	U
CF	NBF	393036012	3/9/2016	I-131	7.84E-04	7.46E-03	2.46E-02	U
CF	SBN	393036013	3/9/2016	I-131	3.29E-03	6.67E-03	2.31E-02	U
CF	DOW	393036014	3/9/2016	I-131	1.57E-03	5.77E-03	2.00E-02	U
CF	COL	393036015	3/9/2016	I-131	8.13E-03	6.58E-03	2.47E-02	U
CF	ONS-1	393036016	3/9/2016	I-131	-2.03E-03	5.68E-03	1.76E-02	U
CF	ONS-2	393036017	3/9/2016	I-131	2.89E-05	4.64E-03	1.53E-02	U
CF	ONS-3	393036018	3/9/2016	I-131	8.03E-04	5.15E-03	1.76E-02	U
CF	ONS-4	393036019	3/9/2016	I-131	-9.84E-03	5.43E-03	1.11E-02	U
CF	ONS-5	393036020	3/9/2016	I-131	-6.88E-03	6.15E-03	1.55E-02	U
CF	ONS-6	393036021	3/9/2016	I-131	-2.21E-03	5.07E-03	1.57E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	393504012	3/16/2016	I-131	5.32E-04	4.69E-03	1.62E-02	U
CF	SBN	393504013	3/16/2016	I-131	-6.01E-04	4.37E-03	1.39E-02	U
CF	DOW	393504014	3/16/2016	I-131	1.77E-03	5.57E-03	1.92E-02	U
CF	COL	393504015	3/16/2016	I-131	5.12E-04	8.31E-03	2.81E-02	U
CF	ONS-1	393504016	3/16/2016	I-131	3.51E-03	5.16E-03	1.84E-02	U
CF	ONS-2	393504017	3/16/2016	I-131	-4.68E-04	6.25E-03	2.00E-02	U
CF	ONS-3	393504018	3/16/2016	I-131	-1.15E-02	5.54E-03	7.22E-03	U
CF	ONS-4	393504019	3/16/2016	I-131	-1.08E-02	1.21E-02	3.30E-02	U
CF	ONS-5	393504020	3/16/2016	I-131	-1.48E-03	6.39E-03	1.98E-02	U
CF	ONS-6	393504021	3/16/2016	I-131	4.18E-03	4.30E-03	1.69E-02	U
CF	NBF	393880012	3/23/2016	I-131	-2.16E-03	4.84E-03	1.40E-02	U
CF	SBN	393880013	3/23/2016	I-131	-5.46E-03	7.02E-03	2.14E-02	U
CF	DOW	393880014	3/23/2016	I-131	7.96E-03	4.73E-03	1.87E-02	U
CF	COL	393880015	3/23/2016	I-131	-9.34E-04	4.25E-03	1.16E-02	U
CF	ONS-1	393880016	3/23/2016	I-131	2.54E-03	5.81E-03	1.99E-02	U
CF	ONS-2	393880017	3/23/2016	I-131	4.21E-03	8.05E-03	2.79E-02	U
CF	ONS-3	393880018	3/23/2016	I-131	8.06E-03	6.15E-03	2.34E-02	U
CF	ONS-4	393880019	3/23/2016	I-131	2.34E-03	5.43E-03	1.90E-02	U
CF	ONS-5	393880020	3/23/2016	I-131	-5.18E-03	4.91E-03	1.20E-02	U
CF	ONS-6	393880021	3/23/2016	I-131	7.38E-03	6.15E-03	2.28E-02	U
CF	NBF	394190012	3/30/2016	I-131	4.68E-04	4.99E-03	1.66E-02	U
CF	SBN	394190013	3/30/2016	I-131	-6.11E-03	6.02E-03	1.60E-02	U
CF	DOW	394190014	3/30/2016	I-131	8.96E-03	5.08E-03	1.91E-02	U
CF	COL	394190015	3/30/2016	I-131	4.80E-04	4.65E-03	1.53E-02	U
CF	ONS-1	394190016	3/30/2016	I-131	8.61E-03	7.55E-03	2.78E-02	U
CF	ONS-2	394190017	3/30/2016	I-131	6.91E-03	5.98E-03	2.14E-02	U
CF	ONS-3	394190018	3/30/2016	I-131	-3.82E-03	9.40E-03	2.82E-02	U
CF	ONS-4	394190019	3/30/2016	I-131	5.30E-03	6.74E-03	2.39E-02	U
CF	ONS-5	394190020	3/30/2016	I-131	-2.86E-03	5.68E-03	1.72E-02	U
CF	ONS-6	394190021	3/30/2016	I-131	4.57E-04	4.46E-03	1.51E-02	U
CF	NBF	394892012	4/6/2016	I-131	1.63E-03	7.35E-03	2.53E-02	U
CF	SBN	394892013	4/6/2016	I-131	5.61E-03	5.77E-03	2.18E-02	U
CF	DOW	394892014	4/6/2016	I-131	-8.50E-04	6.61E-03	2.09E-02	U
CF	COL	394892015	4/6/2016	I-131	-7.09E-03	6.55E-03	1.79E-02	U
CF	ONS-1	394892016	4/6/2016	I-131	-5.26E-03	5.34E-03	1.39E-02	U
CF	ONS-2	394892017	4/6/2016	I-131	5.25E-03	5.94E-03	2.18E-02	U
CF	ONS-3	394892018	4/6/2016	I-131	1.22E-02	6.94E-03	2.52E-02	U
CF	ONS-4	394892019	4/6/2016	I-131	9.99E-03	9.19E-03	3.22E-02	U
CF	ONS-5	394892020	4/6/2016	I-131	8.00E-03	9.39E-03	1.89E-02	U
CF	ONS-6	394892021	4/6/2016	I-131	5.28E-03	6.03E-03	2.19E-02	U
CF	NBF	395460012	4/13/2016	I-131	4.91E-03	7.16E-03	2.53E-02	U
CF	SBN	395460013	4/13/2016	I-131	3.84E-03	5.08E-03	1.79E-02	U
CF	DOW	395460014	4/13/2016	I-131	6.80E-03	4.83E-03	1.77E-02	U
CF	COL	395460015	4/13/2016	I-131	6.41E-03	4.77E-03	1.82E-02	U
CF	ONS-1	395460016	4/13/2016	I-131	7.64E-04	5.84E-03	1.92E-02	U
CF	ONS-2	395460017	4/13/2016	I-131	-5.90E-04	4.58E-03	1.43E-02	U
CF	ONS-3	395460018	4/13/2016	I-131	2.11E-03	3.85E-03	1.36E-02	U
CF	ONS-4	395460019	4/13/2016	I-131	8.51E-04	4.68E-03	1.65E-02	U
CF	ONS-5	395460020	4/13/2016	I-131	2.99E-03	6.17E-03	2.10E-02	U
CF	ONS-6	395460021	4/13/2016	I-131	-6.28E-04	5.00E-03	1.58E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	395901012	4/20/2016	I-131	-3.76E-03	8.65E-03	2.55E-02	U
CF	SBN	395901013	4/20/2016	I-131	3.85E-03	6.30E-03	2.23E-02	U
CF	DOW	395901014	4/20/2016	I-131	-1.72E-03	6.71E-03	2.07E-02	U
CF	COL	395901015	4/20/2016	I-131	2.16E-03	9.69E-03	3.26E-02	U
CF	ONS-1	395901016	4/20/2016	I-131	1.81E-03	5.04E-03	1.75E-02	U
CF	ONS-2	395901017	4/20/2016	I-131	2.26E-03	5.26E-03	1.84E-02	U
CF	ONS-3	395901018	4/20/2016	I-131	-4.71E-03	4.74E-03	1.34E-02	U
CF	ONS-4	395901019	4/20/2016	I-131	1.98E-03	6.19E-03	2.10E-02	U
CF	ONS-5	395901020	4/20/2016	I-131	8.77E-03	5.53E-03	2.08E-02	U
CF	ONS-6	395901021	4/20/2016	I-131	6.81E-03	6.10E-03	2.24E-02	U
CF	NBF	396336012	4/27/2016	I-131	-2.81E-03	9.12E-03	2.85E-02	U
CF	SBN	396336013	4/27/2016	I-131	-1.32E-02	8.42E-03	1.73E-02	U
CF	DOW	396336014	4/27/2016	I-131	1.75E-03	6.48E-03	2.25E-02	U
CF	COL	396336015	4/27/2016	I-131	1.43E-04	3.97E-03	1.33E-02	U
CF	ONS-1	396336016	4/27/2016	I-131	2.41E-03	7.63E-03	2.34E-02	U
CF	ONS-2	396336017	4/27/2016	I-131	-3.47E-03	5.43E-03	1.57E-02	U
CF	ONS-3	396336018	4/27/2016	I-131	2.82E-03	5.62E-03	1.97E-02	U
CF	ONS-4	396336019	4/27/2016	I-131	7.24E-04	5.40E-03	1.84E-02	U
CF	ONS-5	396336020	4/27/2016	I-131	2.64E-03	4.86E-03	1.71E-02	U
CF	ONS-6	396336021	4/27/2016	I-131	-1.45E-03	5.90E-03	1.93E-02	U
CF	NBF	396892012	5/4/2016	I-131	4.38E-03	7.04E-03	2.21E-02	U
CF	SBN	396892013	5/4/2016	I-131	1.25E-03	4.48E-03	1.56E-02	U
CF	DOW	396892014	5/4/2016	I-131	-3.84E-04	6.16E-03	1.97E-02	U
CF	COL	396892015	5/4/2016	I-131	-1.33E-04	3.79E-03	1.23E-02	U
CF	ONS-1	396892016	5/4/2016	I-131	2.53E-03	6.11E-03	2.14E-02	U
CF	ONS-2	396892017	5/4/2016	I-131	1.40E-02	6.97E-03	2.67E-02	U
CF	ONS-3	396892018	5/4/2016	I-131	1.85E-03	3.58E-03	1.33E-02	U
CF	ONS-4	396892019	5/4/2016	I-131	1.09E-02	6.22E-03	2.38E-02	U
CF	ONS-5	396892020	5/4/2016	I-131	3.99E-03	5.25E-03	1.89E-02	U
CF	ONS-6	396892021	5/4/2016	I-131	1.57E-03	5.49E-03	1.92E-02	U
CF	NBF	397370012	5/11/2016	I-131	-4.54E-03	6.53E-03	1.85E-02	U
CF	SBN	397370013	5/11/2016	I-131	-6.38E-03	7.85E-03	2.23E-02	U
CF	DOW	397370014	5/11/2016	I-131	-4.37E-04	5.86E-03	1.94E-02	U
CF	COL	397370015	5/11/2016	I-131	-4.28E-03	4.99E-03	1.31E-02	U
CF	ONS-1	397370016	5/11/2016	I-131	1.55E-04	4.72E-03	1.58E-02	U
CF	ONS-2	397370017	5/11/2016	I-131	1.22E-02	5.88E-03	2.21E-02	U
CF	ONS-3	397370018	5/11/2016	I-131	1.57E-02	8.89E-03	3.23E-02	U
CF	ONS-4	397370019	5/11/2016	I-131	8.81E-05	6.34E-03	2.09E-02	U
CF	ONS-5	397370020	5/11/2016	I-131	-2.99E-03	4.54E-03	1.35E-02	U
CF	ONS-6	397370021	5/11/2016	I-131	5.71E-04	4.94E-03	1.63E-02	U
CF	NBF	397851012	5/18/2016	I-131	-3.91E-03	5.34E-03	1.48E-02	U
CF	SBN	397851013	5/18/2016	I-131	-7.10E-03	6.13E-03	1.64E-02	U
CF	DOW	397851014	5/18/2016	I-131	-6.12E-03	5.93E-03	1.50E-02	U
CF	COL	397851015	5/18/2016	I-131	-3.10E-03	4.06E-03	1.07E-02	U
CF	ONS-1	397851016	5/18/2016	I-131	7.13E-03	5.77E-03	2.12E-02	U
CF	ONS-2	397851017	5/18/2016	I-131	-1.54E-03	3.57E-03	1.00E-02	U
CF	ONS-3	397851018	5/18/2016	I-131	2.64E-04	5.67E-03	1.89E-02	U
CF	ONS-4	397851019	5/18/2016	I-131	-5.46E-03	5.90E-03	1.37E-02	U
CF	ONS-5	397851020	5/18/2016	I-131	2.12E-03	3.48E-03	1.26E-02	U
CF	ONS-6	397851021	5/18/2016	I-131	1.26E-03	4.73E-03	1.64E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	398279012	5/25/2016	I-131	5.08E-03	5.35E-03	1.99E-02	U
CF	SBN	398279013	5/25/2016	I-131	1.16E-02	8.80E-03	3.24E-02	U
CF	DOW	398279014	5/25/2016	I-131	-1.10E-03	4.83E-03	1.57E-02	U
CF	COL	398279015	5/25/2016	I-131	4.28E-03	5.29E-03	1.96E-02	U
CF	ONS-1	398279016	5/25/2016	I-131	1.20E-02	7.68E-03	2.83E-02	U
CF	ONS-2	398279017	5/25/2016	I-131	-2.45E-03	5.57E-03	1.65E-02	U
CF	ONS-3	398279018	5/25/2016	I-131	-7.36E-04	6.86E-03	2.18E-02	U
CF	ONS-4	398279019	5/25/2016	I-131	-3.19E-03	4.84E-03	1.39E-02	U
CF	ONS-5	398279020	5/25/2016	I-131	1.35E-02	7.84E-03	2.99E-02	U
CF	ONS-6	398279021	5/25/2016	I-131	4.01E-03	5.77E-03	2.09E-02	U
CF	NBF	398620012	6/1/2016	I-131	-1.26E-03	5.73E-03	1.78E-02	U
CF	SBN	398620013	6/1/2016	I-131	8.30E-03	6.34E-03	2.36E-02	U
CF	DOW	398620014	6/1/2016	I-131	-4.55E-03	4.67E-03	1.29E-02	U
CF	COL	398620015	6/1/2016	I-131	1.04E-03	4.95E-03	1.66E-02	U
CF	ONS-1	398620016	6/1/2016	I-131	-2.55E-03	6.75E-03	2.11E-02	U
CF	ONS-2	398620017	6/1/2016	I-131	4.43E-03	4.90E-03	1.83E-02	U
CF	ONS-3	398620018	6/1/2016	I-131	5.73E-04	8.84E-03	2.91E-02	U
CF	ONS-4	398620019	6/1/2016	I-131	3.32E-03	4.75E-03	1.73E-02	U
CF	ONS-5	398620020	6/1/2016	I-131	1.31E-02	5.69E-03	2.24E-02	U
CF	ONS-6	398620021	6/1/2016	I-131	-2.20E-03	4.64E-03	1.44E-02	U
CF	NBF	399139012	6/8/2016	I-131	-3.46E-03	6.47E-03	1.96E-02	U
CF	SBN	399139013	6/8/2016	I-131	9.32E-03	5.92E-03	2.24E-02	U
CF	DOW	399139014	6/8/2016	I-131	3.42E-03	5.70E-03	2.03E-02	U
CF	COL	399139015	6/8/2016	I-131	5.24E-03	6.99E-03	2.49E-02	U
CF	ONS-1	399139016	6/8/2016	I-131	4.17E-03	5.44E-03	1.93E-02	U
CF	ONS-2	399139017	6/8/2016	I-131	3.67E-03	8.24E-03	2.88E-02	U
CF	ONS-3	399139018	6/8/2016	I-131	1.16E-02	3.89E-03	1.30E-02	U
CF	ONS-4	399139019	6/8/2016	I-131	-4.16E-03	5.24E-03	1.47E-02	U
CF	ONS-5	399139020	6/8/2016	I-131	-1.59E-06	5.92E-03	1.98E-02	U
CF	ONS-6	399139021	6/8/2016	I-131	5.57E-03	4.97E-03	1.89E-02	U
CF	NBF	399591012	6/15/2016	I-131	3.57E-03	5.61E-03	2.01E-02	U
CF	SBN	399591013	6/15/2016	I-131	4.64E-03	6.38E-03	2.27E-02	U
CF	DOW	399591014	6/15/2016	I-131	-1.41E-03	5.51E-03	1.79E-02	U
CF	COL	399591015	6/15/2016	I-131	5.15E-03	6.86E-03	2.45E-02	U
CF	ONS-1	399591016	6/15/2016	I-131	-1.19E-02	5.75E-03	7.31E-03	U
CF	ONS-2	399591017	6/15/2016	I-131	-5.49E-03	6.59E-03	1.82E-02	U
CF	ONS-3	399591018	6/15/2016	I-131	-3.53E-03	5.76E-03	1.75E-02	U
CF	ONS-4	399591019	6/15/2016	I-131	-7.56E-05	5.32E-03	1.78E-02	U
CF	ONS-5	399591020	6/15/2016	I-131	4.25E-03	4.86E-03	1.81E-02	U
CF	ONS-6	399591021	6/15/2016	I-131	2.14E-03	4.53E-03	1.61E-02	U
CF	NBF	400075012	6/22/2016	I-131	-3.58E-03	5.70E-03	1.67E-02	U
CF	SBN	400075013	6/22/2016	I-131	-9.00E-03	5.78E-03	8.36E-03	U
CF	DOW	400075014	6/22/2016	I-131	-9.25E-04	3.56E-03	1.08E-02	U
CF	COL	400075015	6/22/2016	I-131	-7.91E-03	5.10E-03	8.69E-03	U
CF	ONS-1	400075016	6/22/2016	I-131	-3.85E-03	6.36E-03	1.91E-02	U
CF	ONS-2	400075017	6/22/2016	I-131	4.30E-03	6.18E-03	2.17E-02	U
CF	ONS-3	400075018	6/22/2016	I-131	-5.06E-04	4.83E-03	1.56E-02	U
CF	ONS-4	400075019	6/22/2016	I-131	2.94E-03	5.99E-03	2.05E-02	U
CF	ONS-5	400075020	6/22/2016	I-131	5.31E-03	6.32E-03	2.36E-02	U
CF	ONS-6	400075021	6/22/2016	I-131	4.47E-03	4.01E-03	1.60E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	400502012	6/29/2016	I-131	1.44E-02	4.71E-03	7.02E-03	UI
CF	SBN	400502013	6/29/2016	I-131	-2.91E-03	4.68E-03	1.42E-02	U
CF	DOW	400502014	6/29/2016	I-131	6.87E-05	3.48E-03	1.13E-02	U
CF	COL	400502015	6/29/2016	I-131	-2.40E-03	3.90E-03	1.17E-02	U
CF	ONS-1	400502016	6/29/2016	I-131	2.44E-03	5.22E-03	1.84E-02	U
CF	ONS-2	400502017	6/29/2016	I-131	1.70E-03	4.61E-03	1.54E-02	U
CF	ONS-3	400502018	6/29/2016	I-131	-3.58E-03	3.69E-03	1.02E-02	U
CF	ONS-4	400502019	6/29/2016	I-131	4.88E-03	6.40E-03	2.27E-02	U
CF	ONS-5	400502020	6/29/2016	I-131	6.13E-05	4.36E-03	1.41E-02	U
CF	ONS-6	400502021	6/29/2016	I-131	7.45E-03	4.19E-03	1.55E-02	U
CF	NBF	401150012	7/6/2016	I-131	-7.35E-03	4.67E-03	1.04E-02	U
CF	SBN	401150013	7/6/2016	I-131	-1.50E-04	6.91E-03	2.29E-02	U
CF	DOW	401150014	7/6/2016	I-131	-9.12E-04	5.14E-03	1.68E-02	U
CF	COL	401150015	7/6/2016	I-131	-4.99E-03	4.68E-03	1.19E-02	U
CF	ONS-1	401150016	7/6/2016	I-131	-7.92E-03	4.57E-03	7.30E-03	U
CF	ONS-2	401150017	7/6/2016	I-131	-1.33E-02	7.00E-03	1.44E-02	U
CF	ONS-3	401150018	7/6/2016	I-131	3.12E-04	3.66E-03	1.21E-02	U
CF	ONS-4	401150019	7/6/2016	I-131	7.26E-04	6.93E-03	2.37E-02	U
CF	ONS-5	401150020	7/6/2016	I-131	3.68E-03	7.35E-03	2.54E-02	U
CF	ONS-6	401150021	7/6/2016	I-131	-2.42E-04	7.38E-03	2.15E-02	U
CF	NBF	401711012	7/13/2016	I-131	8.78E-03	6.95E-03	2.56E-02	U
CF	SBN	401711013	7/13/2016	I-131	-3.25E-03	3.56E-03	8.61E-03	U
CF	DOW	401711014	7/13/2016	I-131	-4.92E-03	6.12E-03	1.76E-02	U
CF	COL	401711015	7/13/2016	I-131	-2.80E-03	5.18E-03	1.54E-02	U
CF	ONS-1	401711016	7/13/2016	I-131	6.56E-03	5.86E-03	2.15E-02	U
CF	ONS-2	401711017	7/13/2016	I-131	4.49E-03	4.30E-03	1.58E-02	U
CF	ONS-3	401711018	7/13/2016	I-131	-5.47E-03	5.31E-03	1.38E-02	U
CF	ONS-4	401711019	7/13/2016	I-131	-6.10E-04	5.26E-03	1.74E-02	U
CF	ONS-5	401711020	7/13/2016	I-131	3.15E-03	5.86E-03	2.02E-02	U
CF	ONS-6	401711021	7/13/2016	I-131	3.11E-03	6.64E-03	2.27E-02	U
CF	NBF	402227012	7/20/2016	I-131	-1.64E-02	7.26E-03	1.29E-02	U
CF	SBN	402227013	7/20/2016	I-131	1.36E-03	4.53E-03	1.54E-02	U
CF	DOW	402227014	7/20/2016	I-131	5.03E-04	4.22E-03	1.43E-02	U
CF	COL	402227015	7/20/2016	I-131	7.31E-03	4.17E-03	1.06E-02	U
CF	ONS-1	402227016	7/20/2016	I-131	1.40E-03	4.50E-03	1.52E-02	U
CF	ONS-2	402227017	7/20/2016	I-131	6.01E-03	4.54E-03	1.74E-02	U
CF	ONS-3	402227018	7/20/2016	I-131	-2.76E-03	4.34E-03	1.26E-02	U
CF	ONS-4	402227019	7/20/2016	I-131	1.13E-03	3.65E-03	1.24E-02	U
CF	ONS-5	402227020	7/20/2016	I-131	-2.82E-03	4.77E-03	1.47E-02	U
CF	ONS-6	402227021	7/20/2016	I-131	2.80E-03	5.31E-03	1.84E-02	U
CF	NBF	402770012	7/27/2016	I-131	1.38E-02	4.88E-03	2.03E-02	U
CF	SBN	402770013	7/27/2016	I-131	2.25E-03	3.54E-03	1.32E-02	U
CF	DOW	402770014	7/27/2016	I-131	-5.75E-03	4.88E-03	1.34E-02	U
CF	COL	402770015	7/27/2016	I-131	-2.61E-03	6.17E-03	1.96E-02	U
CF	ONS-1	402770016	7/27/2016	I-131	9.26E-04	3.49E-03	1.19E-02	U
CF	ONS-2	402770017	7/27/2016	I-131	-2.83E-03	3.90E-03	1.12E-02	U
CF	ONS-3	402770018	7/27/2016	I-131	5.89E-03	4.94E-03	1.85E-02	U
CF	ONS-4	402770019	7/27/2016	I-131	4.67E-03	4.99E-03	1.82E-02	U
CF	ONS-5	402770020	7/27/2016	I-131	6.66E-03	5.92E-03	2.14E-02	U
CF	ONS-6	402770021	7/27/2016	I-131	-4.10E-03	3.34E-03	7.14E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	403299012	8/3/2016	I-131	6.15E-03	7.84E-03	2.86E-02	U
CF	SBN	403299013	8/3/2016	I-131	2.45E-03	6.40E-03	2.23E-02	U
CF	DOW	403299014	8/3/2016	I-131	-3.60E-03	5.27E-03	1.53E-02	U
CF	COL	403299015	8/3/2016	I-131	1.06E-03	4.78E-03	1.62E-02	U
CF	ONS-1	403299016	8/3/2016	I-131	7.72E-03	6.07E-03	2.15E-02	U
CF	ONS-2	403299017	8/3/2016	I-131	4.54E-03	3.01E-03	1.14E-02	U
CF	ONS-3	403299018	8/3/2016	I-131	-2.50E-03	3.56E-03	1.04E-02	U
CF	ONS-4	403299019	8/3/2016	I-131	3.25E-03	4.33E-03	1.53E-02	U
CF	ONS-5	403299020	8/3/2016	I-131	-1.31E-03	3.23E-03	1.01E-02	U
CF	ONS-6	403299021	8/3/2016	I-131	-8.94E-04	3.57E-03	1.13E-02	U
CF	NBF	403718012	8/10/2016	I-131	-3.21E-03	5.80E-03	1.59E-02	U
CF	SBN	403718013	8/10/2016	I-131	6.53E-03	6.07E-03	2.30E-02	U
CF	DOW	403718014	8/10/2016	I-131	9.30E-03	7.31E-03	2.70E-02	U
CF	COL	403718015	8/10/2016	I-131	3.69E-03	6.27E-03	2.33E-02	U
CF	ONS-1	403718016	8/10/2016	I-131	-7.29E-03	7.67E-03	1.97E-02	U
CF	ONS-2	403718017	8/10/2016	I-131	-6.30E-03	5.46E-03	1.36E-02	U
CF	ONS-3	403718018	8/10/2016	I-131	4.72E-03	5.28E-03	1.88E-02	U
CF	ONS-4	403718019	8/10/2016	I-131	6.02E-04	6.65E-03	2.27E-02	U
CF	ONS-5	403718020	8/10/2016	I-131	5.20E-03	7.63E-03	2.66E-02	U
CF	ONS-6	403718021	8/10/2016	I-131	1.54E-02	8.61E-03	3.23E-02	U
CF	NBF	404249012	8/17/2016	I-131	-6.85E-03	6.01E-03	1.29E-02	U
CF	SBN	404249013	8/17/2016	I-131	6.05E-05	5.95E-03	2.01E-02	U
CF	DOW	404249014	8/17/2016	I-131	1.10E-02	7.94E-03	2.87E-02	U
CF	COL	404249015	8/17/2016	I-131	-2.87E-03	7.41E-03	2.28E-02	U
CF	ONS-1	404249016	8/17/2016	I-131	-7.95E-04	4.01E-03	1.26E-02	U
CF	ONS-2	404249017	8/17/2016	I-131	-1.99E-03	1.02E-02	2.89E-02	U
CF	ONS-3	404249018	8/17/2016	I-131	6.22E-03	5.47E-03	2.02E-02	U
CF	ONS-4	404249019	8/17/2016	I-131	2.88E-03	4.51E-03	1.50E-02	U
CF	ONS-5	404249020	8/17/2016	I-131	4.14E-03	7.43E-03	2.71E-02	U
CF	ONS-6	404249021	8/17/2016	I-131	1.67E-03	6.85E-03	2.31E-02	U
CF	NBF	404740012	8/24/2016	I-131	4.60E-03	4.27E-03	1.66E-02	U
CF	SBN	404740013	8/24/2016	I-131	7.33E-03	4.53E-03	1.80E-02	U
CF	DOW	404740014	8/24/2016	I-131	2.83E-04	4.53E-03	1.53E-02	U
CF	COL	404740015	8/24/2016	I-131	-3.58E-03	4.96E-03	1.43E-02	U
CF	ONS-1	404740016	8/24/2016	I-131	-6.13E-03	4.62E-03	8.59E-03	U
CF	ONS-2	404740017	8/24/2016	I-131	4.32E-03	4.65E-03	1.74E-02	U
CF	ONS-3	404740018	8/24/2016	I-131	-3.91E-03	5.00E-03	1.51E-02	U
CF	ONS-4	404740019	8/24/2016	I-131	4.06E-03	4.76E-03	1.80E-02	U
CF	ONS-5	404740020	8/24/2016	I-131	-5.20E-03	4.47E-03	1.10E-02	U
CF	ONS-6	404740021	8/24/2016	I-131	-6.51E-03	5.29E-03	1.29E-02	U
CF	NBF	405181012	8/31/2016	I-131	-1.06E-03	3.80E-03	1.22E-02	U
CF	SBN	405181013	8/31/2016	I-131	-9.21E-04	5.74E-03	1.83E-02	U
CF	DOW	405181014	8/31/2016	I-131	1.68E-03	1.59E-03	7.17E-03	U
CF	COL	405181015	8/31/2016	I-131	-7.60E-03	4.06E-03	6.35E-03	U
CF	ONS-1	405181016	8/31/2016	I-131	1.63E-03	4.06E-03	1.44E-02	U
CF	ONS-2	405181017	8/31/2016	I-131	1.61E-03	2.93E-03	1.10E-02	U
CF	ONS-3	405181018	8/31/2016	I-131	2.05E-03	7.30E-03	2.58E-02	U
CF	ONS-4	405181019	8/31/2016	I-131	1.13E-03	4.06E-03	1.44E-02	U
CF	ONS-5	405181020	8/31/2016	I-131	-5.54E-03	8.02E-03	2.37E-02	U
CF	ONS-6	405181021	8/31/2016	I-131	-2.26E-05	4.87E-03	1.61E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	405568012	9/7/2016	I-131	-1.93E-03	3.14E-03	9.39E-03	U
CF	SBN	405568013	9/7/2016	I-131	-1.37E-03	3.76E-03	1.17E-02	U
CF	DOW	405568014	9/7/2016	I-131	-3.09E-04	2.94E-03	9.68E-03	U
CF	COL	405568015	9/7/2016	I-131	-3.35E-03	2.81E-03	7.00E-03	U
CF	ONS-1	405568016	9/7/2016	I-131	-1.12E-04	3.25E-03	1.11E-02	U
CF	ONS-2	405568017	9/7/2016	I-131	1.16E-03	3.95E-03	1.35E-02	U
CF	ONS-3	405568018	9/7/2016	I-131	8.57E-04	2.95E-03	1.04E-02	U
CF	ONS-4	405568019	9/7/2016	I-131	0.00E+00	0.00E+00	1.40E-02	U
CF	ONS-5	405568020	9/7/2016	I-131	-7.71E-03	5.00E-03	1.10E-02	U
CF	ONS-6	405568021	9/7/2016	I-131	-2.08E-03	3.24E-03	9.17E-03	U
CF	NBF	406075012	9/14/2016	I-131	-4.35E-03	4.51E-03	1.03E-02	U
CF	SBN	406075013	9/14/2016	I-131	1.10E-03	5.69E-03	1.98E-02	U
CF	DOW	406075014	9/14/2016	I-131	3.30E-03	3.54E-03	1.32E-02	U
CF	COL	406075015	9/14/2016	I-131	-2.49E-04	3.65E-03	1.20E-02	U
CF	ONS-1	406075016	9/14/2016	I-131	1.08E-02	6.03E-03	1.12E-02	U
CF	ONS-2	406075017	9/14/2016	I-131	2.64E-03	2.71E-03	1.23E-02	U
CF	ONS-3	406075018	9/14/2016	I-131	-3.12E-04	2.75E-03	8.20E-03	U
CF	ONS-4	406075019	9/14/2016	I-131	-3.23E-03	4.86E-03	1.48E-02	U
CF	ONS-5	406075020	9/14/2016	I-131	-4.44E-04	4.62E-03	1.46E-02	U
CF	ONS-6	406075021	9/14/2016	I-131	-1.15E-02	8.82E-03	1.87E-02	U
CF	NBF	406606012	9/21/2016	I-131	2.81E-04	4.51E-03	1.52E-02	U
CF	SBN	406606013	9/21/2016	I-131	3.70E-03	4.55E-03	1.63E-02	U
CF	DOW	406606014	9/21/2016	I-131	9.22E-04	4.21E-03	1.49E-02	U
CF	COL	406606015	9/21/2016	I-131	-2.59E-03	3.15E-03	7.96E-03	U
CF	ONS-1	406606016	9/21/2016	I-131	1.79E-03	1.84E-03	8.33E-03	U
CF	ONS-2	406606017	9/21/2016	I-131	4.09E-03	5.46E-03	2.01E-02	U
CF	ONS-3	406606018	9/21/2016	I-131	-3.07E-04	5.47E-03	1.77E-02	U
CF	ONS-4	406606019	9/21/2016	I-131	-2.84E-03	4.27E-03	1.29E-02	U
CF	ONS-5	406606020	9/21/2016	I-131	-3.15E-03	3.51E-03	9.03E-03	U
CF	ONS-6	406606021	9/21/2016	I-131	-2.91E-04	4.54E-03	1.49E-02	U
CF	NBF	407112012	9/28/2016	I-131	2.39E-03	4.69E-03	1.69E-02	U
CF	SBN	407112013	9/28/2016	I-131	7.02E-03	6.41E-03	2.45E-02	U
CF	DOW	407112014	9/28/2016	I-131	4.73E-03	6.08E-03	2.25E-02	U
CF	COL	407112015	9/28/2016	I-131	4.99E-03	6.11E-03	2.14E-02	U
CF	ONS-1	407112016	9/28/2016	I-131	-1.49E-03	9.23E-03	3.04E-02	U
CF	ONS-2	407112017	9/28/2016	I-131	-3.41E-03	6.77E-03	1.98E-02	U
CF	ONS-3	407112018	9/28/2016	I-131	-3.60E-03	4.31E-03	1.13E-02	U
CF	ONS-4	407112019	9/28/2016	I-131	-3.76E-03	5.68E-03	1.49E-02	U
CF	ONS-5	407112020	9/28/2016	I-131	1.66E-03	5.00E-03	1.79E-02	U
CF	ONS-6	407112021	9/28/2016	I-131	5.21E-03	6.41E-03	2.39E-02	U
CF	NBF	407541012	10/5/2016	I-131	1.95E-03	5.55E-03	1.96E-02	U
CF	SBN	407541013	10/5/2016	I-131	3.44E-03	4.19E-03	1.56E-02	U
CF	DOW	407541014	10/5/2016	I-131	1.85E-03	4.84E-03	1.71E-02	U
CF	COL	407541015	10/5/2016	I-131	-4.80E-04	3.47E-03	1.15E-02	U
CF	ONS-1	407541016	10/5/2016	I-131	-5.74E-03	4.75E-03	9.83E-03	U
CF	ONS-2	407541017	10/5/2016	I-131	1.99E-03	2.04E-03	9.28E-03	U
CF	ONS-3	407541018	10/5/2016	I-131	-1.14E-02	7.28E-03	1.55E-02	U
CF	ONS-4	407541019	10/5/2016	I-131	-7.54E-03	6.62E-03	1.22E-02	U
CF	ONS-5	407541020	10/5/2016	I-131	6.46E-04	2.73E-03	9.78E-03	U
CF	ONS-6	407541021	10/5/2016	I-131	-3.20E-03	3.55E-03	8.66E-03	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	NBF	408223012	10/12/2016	I-131	-1.31E-03	5.13E-03	1.70E-02	U
CF	SBN	408223013	10/12/2016	I-131	-2.63E-04	3.96E-03	1.29E-02	U
CF	DOW	408223014	10/12/2016	I-131	5.33E-03	6.50E-03	2.42E-02	U
CF	COL	408223015	10/12/2016	I-131	7.24E-03	4.10E-03	1.75E-02	U
CF	ONS-1	408223016	10/12/2016	I-131	-9.66E-03	4.94E-03	9.91E-03	U
CF	ONS-2	408223017	10/12/2016	I-131	-1.83E-03	7.88E-03	2.55E-02	U
CF	ONS-3	408223018	10/12/2016	I-131	2.97E-03	6.65E-03	2.32E-02	U
CF	ONS-4	408223019	10/12/2016	I-131	-4.87E-03	3.88E-03	8.95E-03	U
CF	ONS-5	408223020	10/12/2016	I-131	-2.12E-03	4.05E-03	1.27E-02	U
CF	ONS-6	408223021	10/12/2016	I-131	-1.26E-03	7.49E-03	2.44E-02	U
CF	NBF	408923012	10/19/2016	I-131	-5.99E-03	5.45E-03	1.31E-02	U
CF	SBN	408923013	10/19/2016	I-131	-3.72E-04	4.48E-03	1.47E-02	U
CF	DOW	408923014	10/19/2016	I-131	8.43E-03	5.31E-03	2.12E-02	U
CF	COL	408923015	10/19/2016	I-131	5.90E-04	5.57E-03	1.91E-02	U
CF	ONS-1	408923016	10/19/2016	I-131	-6.50E-04	4.05E-03	1.21E-02	U
CF	ONS-2	408923017	10/19/2016	I-131	2.07E-03	4.82E-03	1.74E-02	U
CF	ONS-4	408923019	10/19/2016	I-131	-4.60E-03	2.91E-03	1.40E-03	U
CF	ONS-5	408923020	10/19/2016	I-131	5.27E-03	5.86E-03	2.14E-02	U
CF	ONS-6	408923021	10/19/2016	I-131	1.40E-02	7.06E-03	2.93E-02	U
CF	NBF	409381012	10/26/2016	I-131	2.80E-03	2.08E-03	9.23E-03	U
CF	SBN	409381013	10/26/2016	I-131	1.93E-03	3.24E-03	1.22E-02	U
CF	DOW	409381014	10/26/2016	I-131	1.08E-03	3.23E-03	1.16E-02	U
CF	COL	409381015	10/26/2016	I-131	-7.02E-03	5.29E-03	1.22E-02	U
CF	ONS-1	409381016	10/26/2016	I-131	1.63E-03	3.65E-03	1.31E-02	U
CF	ONS-2	409381017	10/26/2016	I-131	6.66E-03	4.70E-03	1.79E-02	U
CF	ONS-3	409381018	10/26/2016	I-131	-2.00E-03	6.14E-03	1.92E-02	U
CF	ONS-4	409381019	10/26/2016	I-131	7.17E-03	7.03E-03	2.72E-02	U
CF	ONS-5	409381020	10/26/2016	I-131	6.61E-04	1.94E-03	7.26E-03	U
CF	ONS-6	409381021	10/26/2016	I-131	1.90E-03	3.35E-03	1.24E-02	U
CF	NBF	409934012	11/2/2016	I-131	-8.79E-04	1.74E-03	4.37E-03	U
CF	SBN	409934013	11/2/2016	I-131	-6.47E-03	6.74E-03	1.78E-02	U
CF	DOW	409934014	11/2/2016	I-131	-5.95E-03	5.30E-03	1.43E-02	U
CF	COL	409934015	11/2/2016	I-131	3.75E-03	5.19E-03	1.83E-02	U
CF	ONS-1	409934016	11/2/2016	I-131	4.52E-03	3.99E-03	1.57E-02	U
CF	ONS-2	409934017	11/2/2016	I-131	6.54E-03	6.60E-03	2.40E-02	U
CF	ONS-3	409934018	11/2/2016	I-131	3.03E-03	4.74E-03	1.75E-02	U
CF	ONS-4	409934019	11/2/2016	I-131	-1.50E-03	5.59E-03	1.82E-02	U
CF	ONS-5	409934020	11/2/2016	I-131	-5.65E-03	5.89E-03	1.32E-02	U
CF	ONS-6	409934021	11/2/2016	I-131	-1.09E-04	5.34E-03	1.78E-02	U
CF	NBF	410456012	11/9/2016	I-131	-5.35E-03	5.60E-03	1.53E-02	U
CF	SBN	410456013	11/9/2016	I-131	-1.06E-03	4.36E-03	1.36E-02	U
CF	DOW	410456014	11/9/2016	I-131	4.62E-03	3.36E-03	1.28E-02	U
CF	COL	410456015	11/9/2016	I-131	-7.05E-03	5.51E-03	1.05E-02	U
CF	ONS-1	410456016	11/9/2016	I-131	-4.67E-03	3.47E-03	7.80E-03	U
CF	ONS-2	410456017	11/9/2016	I-131	-3.41E-03	3.74E-03	1.03E-02	U
CF	ONS-3	410456018	11/9/2016	I-131	-3.74E-03	5.54E-03	1.58E-02	U
CF	ONS-4	410456019	11/9/2016	I-131	8.49E-04	5.55E-03	1.87E-02	U
CF	ONS-5	410456020	11/9/2016	I-131	2.58E-03	5.23E-03	1.82E-02	U
CF	ONS-6	410456021	11/9/2016	I-131	2.75E-03	2.89E-03	1.08E-02	U
CF	NBF	411037012	11/16/2016	I-131	1.55E-03	4.66E-03	1.65E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	SBN	411037013	11/16/2016	I-131	4.38E-04	4.15E-03	1.42E-02	U
CF	DOW	411037014	11/16/2016	I-131	-1.40E-03	5.16E-03	1.61E-02	U
CF	COL	411037015	11/16/2016	I-131	-1.40E-05	4.36E-03	1.49E-02	U
CF	ONS-1	411037016	11/16/2016	I-131	1.94E-03	4.65E-03	1.65E-02	U
CF	ONS-2	411037017	11/16/2016	I-131	7.58E-04	3.81E-03	1.29E-02	U
CF	ONS-3	411037018	11/16/2016	I-131	1.49E-03	4.93E-03	1.69E-02	U
CF	ONS-4	411037019	11/16/2016	I-131	-3.61E-04	4.32E-03	1.44E-02	U
CF	ONS-5	411037020	11/16/2016	I-131	-1.05E-03	6.93E-03	2.22E-02	U
CF	ONS-6	411037021	11/16/2016	I-131	-4.03E-03	6.03E-03	1.67E-02	U
CF	NBF	411429012	11/23/2016	I-131	1.03E-03	3.95E-03	1.35E-02	U
CF	SBN	411429013	11/23/2016	I-131	6.80E-03	4.08E-03	1.57E-02	U
CF	DOW	411429014	11/23/2016	I-131	5.47E-03	4.73E-03	1.71E-02	U
CF	COL	411429015	11/23/2016	I-131	-6.06E-04	2.26E-03	6.50E-03	U
CF	ONS-1	411429016	11/23/2016	I-131	-2.44E-04	4.38E-03	1.46E-02	U
CF	ONS-2	411429017	11/23/2016	I-131	3.28E-03	3.96E-03	1.44E-02	U
CF	ONS-3	411429018	11/23/2016	I-131	2.05E-03	4.62E-03	1.58E-02	U
CF	ONS-4	411429019	11/23/2016	I-131	6.10E-03	3.70E-03	1.37E-02	U
CF	ONS-5	411429020	11/23/2016	I-131	-3.74E-03	3.87E-03	1.12E-02	U
CF	ONS-6	411429021	11/23/2016	I-131	1.45E-03	4.19E-03	1.27E-02	U
CF	NBF	411698012	11/30/2016	I-131	-2.80E-03	3.23E-03	8.20E-03	U
CF	SBN	411698013	11/30/2016	I-131	-2.38E-03	2.54E-03	5.26E-03	U
CF	DOW	411698014	11/30/2016	I-131	1.21E-04	2.61E-03	8.88E-03	U
CF	COL	411698015	11/30/2016	I-131	-1.61E-03	5.51E-03	1.76E-02	U
CF	ONS-1	411698016	11/30/2016	I-131	3.67E-03	6.42E-03	2.30E-02	U
CF	ONS-2	411698017	11/30/2016	I-131	1.73E-03	2.93E-03	1.14E-02	U
CF	ONS-3	411698018	11/30/2016	I-131	5.63E-03	3.89E-03	1.57E-02	U
CF	ONS-4	411698019	11/30/2016	I-131	-7.04E-03	8.52E-03	2.37E-02	U
CF	ONS-5	411698020	11/30/2016	I-131	-1.06E-02	5.21E-03	7.55E-03	U
CF	ONS-6	411698021	11/30/2016	I-131	5.23E-03	4.76E-03	1.89E-02	U
CF	NBF	412404012	12/7/2016	I-131	-4.64E-03	4.14E-03	1.09E-02	U
CF	SBN	412404013	12/7/2016	I-131	8.78E-04	6.22E-03	2.15E-02	U
CF	DOW	412404014	12/7/2016	I-131	-2.16E-03	5.52E-03	1.69E-02	U
CF	COL	412404015	12/7/2016	I-131	1.36E-04	5.00E-03	1.65E-02	U
CF	ONS-1	412404016	12/7/2016	I-131	-2.90E-04	4.23E-03	1.42E-02	U
CF	ONS-2	412404017	12/7/2016	I-131	5.07E-03	3.34E-03	1.46E-02	U
CF	ONS-3	412404018	12/7/2016	I-131	-3.05E-03	5.84E-03	1.88E-02	U
CF	ONS-4	412404019	12/7/2016	I-131	-3.16E-03	3.48E-03	8.41E-03	U
CF	ONS-5	412404020	12/7/2016	I-131	-3.77E-03	6.51E-03	1.93E-02	U
CF	ONS-6	412404021	12/7/2016	I-131	4.23E-03	4.14E-03	1.60E-02	U
CF	NBF	412897012	12/14/2016	I-131	-4.57E-03	4.39E-03	1.11E-02	U
CF	SBN	412897013	12/14/2016	I-131	-5.56E-03	6.07E-03	1.46E-02	U
CF	DOW	412897014	12/14/2016	I-131	-9.69E-04	6.38E-03	2.09E-02	U
CF	COL	412897015	12/14/2016	I-131	-1.33E-03	4.70E-03	1.37E-02	U
CF	ONS-1	412897016	12/14/2016	I-131	-1.75E-03	4.06E-03	1.28E-02	U
CF	ONS-2	412897017	12/14/2016	I-131	6.04E-04	5.40E-03	1.80E-02	U
CF	ONS-3	412897018	12/14/2016	I-131	-1.59E-03	4.96E-03	1.58E-02	U
CF	ONS-4	412897019	12/14/2016	I-131	1.65E-03	3.29E-03	1.20E-02	U
CF	ONS-5	412897020	12/14/2016	I-131	8.40E-03	5.31E-03	2.05E-02	U
CF	ONS-6	412897021	12/14/2016	I-131	-4.49E-05	2.31E-03	7.67E-03	U
CF	NBF	413336012	12/21/2016	I-131	7.41E-03	4.70E-03	1.79E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/m3)	STD.DEV. (pCi/m3)	MDC (pCi/m3)	FLAGS
CF	SBN	413336013	12/21/2016	I-131	6.60E-03	5.82E-03	2.24E-02	U
CF	DOW	413336014	12/21/2016	I-131	-4.36E-03	3.80E-03	8.51E-03	U
CF	COL	413336015	12/21/2016	I-131	-1.25E-02	5.98E-03	8.92E-03	U
CF	ONS-1	413336016	12/21/2016	I-131	-1.04E-02	8.44E-03	2.05E-02	U
CF	ONS-2	413336017	12/21/2016	I-131	-7.20E-03	4.33E-03	6.66E-03	U
CF	ONS-3	413336018	12/21/2016	I-131	9.46E-03	9.18E-03	3.49E-02	U
CF	ONS-4	413336019	12/21/2016	I-131	-3.31E-03	3.57E-03	8.52E-03	U
CF	ONS-5	413336020	12/21/2016	I-131	-1.69E-02	1.03E-02	2.16E-02	U
CF	ONS-6	413336021	12/21/2016	I-131	-1.84E-03	3.91E-03	1.20E-02	U
CF	NBF	413521012	12/28/2016	I-131	-3.67E-03	8.44E-03	2.59E-02	U
CF	SBN	413521013	12/28/2016	I-131	5.13E-03	6.48E-03	2.43E-02	U
CF	DOW	413521014	12/28/2016	I-131	3.06E-04	4.13E-03	1.43E-02	U
CF	COL	413521015	12/28/2016	I-131	-9.40E-04	5.22E-03	1.73E-02	U
CF	ONS-1	413521016	12/28/2016	I-131	-2.84E-03	6.83E-03	2.04E-02	U
CF	ONS-2	413521017	12/28/2016	I-131	5.70E-03	5.85E-03	2.23E-02	U
CF	ONS-3	413521018	12/28/2016	I-131	-1.52E-02	6.62E-03	7.43E-03	U
CF	ONS-4	413521019	12/28/2016	I-131	-4.69E-03	3.91E-03	9.66E-03	U
CF	ONS-5	413521020	12/28/2016	I-131	-2.77E-03	5.08E-03	1.44E-02	U
CF	ONS-6	413521021	12/28/2016	I-131	-1.69E-03	4.35E-03	1.37E-02	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	TRT-FOREBAY	393360001	3/14/2016	Ac-228	5.61E-01	1.14E+01	3.83E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Ag-108m	5.26E+00	2.51E+00	7.98E+00	U
FH	TRT-FOREBAY	393360001	3/14/2016	Ag-110m	1.85E+00	3.40E+00	1.15E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Ba-140	-2.89E+00	1.37E+01	3.90E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Be-7	-3.30E+00	1.96E+01	6.56E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Ce-141	3.82E+00	4.51E+00	1.36E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Ce-144	-6.26E+00	1.57E+01	4.55E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Co-57	4.40E-01	1.83E+00	5.51E+00	U
FH	TRT-FOREBAY	393360001	3/14/2016	Co-58	3.86E+00	3.02E+00	9.33E+00	U
FH	TRT-FOREBAY	393360001	3/14/2016	Co-60	-2.85E+00	3.19E+00	9.54E+00	U
FH	TRT-FOREBAY	393360001	3/14/2016	Cr-51	-2.50E+01	2.57E+01	7.76E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Cs-134	6.26E-01	3.60E+00	1.13E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Cs-137	1.79E+01	4.72E+00	8.89E+00	M
FH	TRT-FOREBAY	393360001	3/14/2016	Fe-59	4.46E+00	7.00E+00	2.41E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	I-131	4.61E+00	4.66E+00	1.55E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	K-40	2.55E+03	1.69E+02	7.48E+01	
FH	TRT-FOREBAY	393360001	3/14/2016	La-140	-1.45E+00	2.70E+00	7.79E+00	U
FH	TRT-FOREBAY	393360001	3/14/2016	Mn-54	1.08E+00	2.54E+00	8.52E+00	U
FH	TRT-FOREBAY	393360001	3/14/2016	Nb-95	7.93E-01	3.20E+00	1.05E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Ru-103	1.69E+00	2.64E+00	9.10E+00	U
FH	TRT-FOREBAY	393360001	3/14/2016	Ru-106	-1.12E+01	2.32E+01	7.45E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Sb-124	-3.86E-01	5.78E+00	1.87E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Sb-125	3.71E+00	6.19E+00	1.82E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Se-75	-4.06E+00	3.43E+00	1.02E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Th-228	2.36E+00	4.53E+00	1.52E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Zn-65	1.49E-01	6.40E+00	2.15E+01	U
FH	TRT-FOREBAY	393360001	3/14/2016	Zr-95	-1.93E+00	4.65E+00	1.48E+01	U
FH	OFS-N	398213001	5/24/2016	Ac-228	-1.29E+01	9.18E+00	2.29E+01	U
FH	OFS-N	398213001	5/24/2016	Ag-108m	-1.27E+00	1.42E+00	4.45E+00	U
FH	OFS-N	398213001	5/24/2016	Ag-110m	-2.99E+00	2.32E+00	6.83E+00	U
FH	OFS-N	398213001	5/24/2016	Ba-140	-5.62E+00	7.95E+00	2.48E+01	U
FH	OFS-N	398213001	5/24/2016	Be-7	-1.78E+01	1.34E+01	3.98E+01	U
FH	OFS-N	398213001	5/24/2016	Ce-141	-1.45E+00	2.26E+00	7.36E+00	U
FH	OFS-N	398213001	5/24/2016	Ce-144	-1.71E+01	1.03E+01	2.67E+01	U
FH	OFS-N	398213001	5/24/2016	Co-57	8.55E-02	1.07E+00	3.60E+00	U
FH	OFS-N	398213001	5/24/2016	Co-58	-5.91E-01	1.91E+00	5.29E+00	U
FH	OFS-N	398213001	5/24/2016	Co-60	2.97E+00	2.14E+00	7.03E+00	U
FH	OFS-N	398213001	5/24/2016	Cr-51	-1.96E+01	1.44E+01	4.45E+01	U
FH	OFS-N	398213001	5/24/2016	Cs-134	-1.40E+00	1.98E+00	5.56E+00	U
FH	OFS-N	398213001	5/24/2016	Cs-137	1.14E+01	2.34E+00	5.57E+00	M
FH	OFS-N	398213001	5/24/2016	Fe-59	-2.31E+00	4.25E+00	1.38E+01	U
FH	OFS-N	398213001	5/24/2016	I-131	2.20E+00	2.86E+00	9.57E+00	U
FH	OFS-N	398213001	5/24/2016	K-40	3.14E+03	1.57E+02	3.42E+01	
FH	OFS-N	398213001	5/24/2016	La-140	2.22E+00	2.77E+00	9.50E+00	U
FH	OFS-N	398213001	5/24/2016	Mn-54	-8.52E-01	1.71E+00	5.49E+00	U
FH	OFS-N	398213001	5/24/2016	Nb-95	2.29E+00	1.75E+00	5.75E+00	U
FH	OFS-N	398213001	5/24/2016	Ru-103	1.96E+00	1.81E+00	5.18E+00	U
FH	OFS-N	398213001	5/24/2016	Ru-106	-1.73E+01	1.42E+01	4.38E+01	U
FH	OFS-N	398213001	5/24/2016	Sb-124	5.00E-01	4.00E+00	1.14E+01	U
FH	OFS-N	398213001	5/24/2016	Sb-125	-2.96E+00	4.08E+00	1.30E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	OFS-N	398213001	5/24/2016	Se-75	7.55E-02	1.90E+00	6.13E+00	U
FH	OFS-N	398213001	5/24/2016	Th-228	7.99E+00	4.90E+00	9.40E+00	U
FH	OFS-N	398213001	5/24/2016	Zn-65	-6.74E+00	4.70E+00	1.39E+01	U
FH	OFS-N	398213001	5/24/2016	Zr-95	1.11E-01	2.88E+00	9.53E+00	U
FH	ONS-N	398213002	5/24/2016	Ac-228	-6.08E+00	6.22E+00	1.39E+01	U
FH	ONS-N	398213002	5/24/2016	Ag-108m	-7.29E-01	9.22E-01	2.85E+00	U
FH	ONS-N	398213002	5/24/2016	Ag-110m	-2.08E+00	1.62E+00	4.09E+00	U
FH	ONS-N	398213002	5/24/2016	Ba-140	6.05E+00	5.68E+00	1.89E+01	U
FH	ONS-N	398213002	5/24/2016	Be-7	-2.85E-01	8.32E+00	2.80E+01	U
FH	ONS-N	398213002	5/24/2016	Ce-141	4.69E+00	2.13E+00	5.91E+00	U
FH	ONS-N	398213002	5/24/2016	Ce-144	1.31E+00	6.05E+00	2.03E+01	U
FH	ONS-N	398213002	5/24/2016	Co-57	-4.02E-01	8.04E-01	2.67E+00	U
FH	ONS-N	398213002	5/24/2016	Co-58	1.93E+00	1.13E+00	3.48E+00	U
FH	ONS-N	398213002	5/24/2016	Co-60	-6.95E-01	1.10E+00	3.54E+00	U
FH	ONS-N	398213002	5/24/2016	Cr-51	-9.95E+00	1.01E+01	3.12E+01	U
FH	ONS-N	398213002	5/24/2016	Cs-134	2.54E+00	1.24E+00	3.59E+00	U
FH	ONS-N	398213002	5/24/2016	Cs-137	-7.20E-01	1.01E+00	3.23E+00	U
FH	ONS-N	398213002	5/24/2016	Fe-59	-8.76E-01	2.42E+00	8.05E+00	U
FH	ONS-N	398213002	5/24/2016	I-131	-2.89E+00	2.44E+00	7.40E+00	U
FH	ONS-N	398213002	5/24/2016	K-40	2.14E+03	1.04E+02	2.84E+01	
FH	ONS-N	398213002	5/24/2016	La-140	-2.82E+00	2.15E+00	5.19E+00	U
FH	ONS-N	398213002	5/24/2016	Mn-54	1.73E+00	1.09E+00	3.43E+00	U
FH	ONS-N	398213002	5/24/2016	Nb-95	1.20E+00	1.08E+00	3.52E+00	U
FH	ONS-N	398213002	5/24/2016	Ru-103	7.48E-01	1.04E+00	3.48E+00	U
FH	ONS-N	398213002	5/24/2016	Ru-106	-4.04E+00	8.81E+00	2.88E+01	U
FH	ONS-N	398213002	5/24/2016	Sb-124	-8.80E-04	2.34E+00	7.66E+00	U
FH	ONS-N	398213002	5/24/2016	Sb-125	-1.08E+00	2.63E+00	8.31E+00	U
FH	ONS-N	398213002	5/24/2016	Se-75	-1.94E+00	1.59E+00	4.24E+00	U
FH	ONS-N	398213002	5/24/2016	Th-228	-4.40E+00	2.93E+00	6.20E+00	U
FH	ONS-N	398213002	5/24/2016	Zn-65	1.09E-01	2.68E+00	7.80E+00	U
FH	ONS-N	398213002	5/24/2016	Zr-95	-1.49E+00	1.75E+00	5.50E+00	U
FH	ONS-S	398213003	5/24/2016	Ac-228	-4.66E+00	7.21E+00	1.84E+01	U
FH	ONS-S	398213003	5/24/2016	Ag-108m	-6.51E-01	1.14E+00	3.58E+00	U
FH	ONS-S	398213003	5/24/2016	Ag-110m	-1.28E+00	1.96E+00	5.79E+00	U
FH	ONS-S	398213003	5/24/2016	Ba-140	9.04E-01	6.82E+00	2.29E+01	U
FH	ONS-S	398213003	5/24/2016	Be-7	-5.01E+00	1.07E+01	3.55E+01	U
FH	ONS-S	398213003	5/24/2016	Ce-141	-5.69E-01	2.23E+00	7.18E+00	U
FH	ONS-S	398213003	5/24/2016	Ce-144	8.70E+00	7.94E+00	2.62E+01	U
FH	ONS-S	398213003	5/24/2016	Co-57	-9.25E-01	1.02E+00	3.33E+00	U
FH	ONS-S	398213003	5/24/2016	Co-58	1.84E+00	1.35E+00	4.37E+00	U
FH	ONS-S	398213003	5/24/2016	Co-60	9.92E-01	1.53E+00	5.14E+00	U
FH	ONS-S	398213003	5/24/2016	Cr-51	7.47E+00	1.26E+01	4.10E+01	U
FH	ONS-S	398213003	5/24/2016	Cs-134	-5.67E-01	1.37E+00	4.42E+00	U
FH	ONS-S	398213003	5/24/2016	Cs-137	6.63E+00	2.07E+00	4.11E+00	M
FH	ONS-S	398213003	5/24/2016	Fe-59	-8.62E-01	3.15E+00	1.05E+01	U
FH	ONS-S	398213003	5/24/2016	I-131	-2.75E-01	2.72E+00	8.76E+00	U
FH	ONS-S	398213003	5/24/2016	K-40	3.16E+03	1.52E+02	3.82E+01	
FH	ONS-S	398213003	5/24/2016	La-140	6.59E-01	2.10E+00	6.99E+00	U
FH	ONS-S	398213003	5/24/2016	Mn-54	-9.47E-01	1.24E+00	3.90E+00	U
FH	ONS-S	398213003	5/24/2016	Nb-95	1.08E+00	1.35E+00	4.46E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	ONS-S	398213003	5/24/2016	Ru-103	-1.51E+00	1.45E+00	3.96E+00	U
FH	ONS-S	398213003	5/24/2016	Ru-106	-8.60E+00	1.12E+01	3.59E+01	U
FH	ONS-S	398213003	5/24/2016	Sb-124	-7.46E-01	2.72E+00	8.73E+00	U
FH	ONS-S	398213003	5/24/2016	Sb-125	1.27E+00	3.51E+00	1.13E+01	U
FH	ONS-S	398213003	5/24/2016	Se-75	-3.31E+00	1.84E+00	5.25E+00	U
FH	ONS-S	398213003	5/24/2016	Th-228	5.41E+00	4.22E+00	8.26E+00	U
FH	ONS-S	398213003	5/24/2016	Zn-65	-1.82E-01	3.21E+00	1.08E+01	U
FH	ONS-S	398213003	5/24/2016	Zr-95	-1.27E-02	2.32E+00	7.65E+00	U
FH	OFS-S	398213004	5/24/2016	Ac-228	9.07E-01	6.03E+00	1.43E+01	U
FH	OFS-S	398213004	5/24/2016	Ag-108m	1.29E-02	7.97E-01	2.62E+00	U
FH	OFS-S	398213004	5/24/2016	Ag-110m	5.69E-01	1.23E+00	4.14E+00	U
FH	OFS-S	398213004	5/24/2016	Ba-140	2.71E+00	6.41E+00	1.67E+01	U
FH	OFS-S	398213004	5/24/2016	Be-7	-6.43E+00	8.12E+00	2.55E+01	U
FH	OFS-S	398213004	5/24/2016	Ce-141	8.53E-01	2.12E+00	4.79E+00	U
FH	OFS-S	398213004	5/24/2016	Ce-144	-2.40E+00	5.33E+00	1.70E+01	U
FH	OFS-S	398213004	5/24/2016	Co-57	4.03E-01	6.80E-01	2.21E+00	U
FH	OFS-S	398213004	5/24/2016	Co-58	1.57E+00	1.05E+00	3.43E+00	U
FH	OFS-S	398213004	5/24/2016	Co-60	-3.18E-01	1.10E+00	3.49E+00	U
FH	OFS-S	398213004	5/24/2016	Cr-51	7.39E-01	8.40E+00	2.81E+01	U
FH	OFS-S	398213004	5/24/2016	Cs-134	-4.35E-01	9.89E-01	3.25E+00	U
FH	OFS-S	398213004	5/24/2016	Cs-137	1.81E+01	1.78E+00	3.36E+00	M
FH	OFS-S	398213004	5/24/2016	Fe-59	5.62E-02	2.37E+00	7.76E+00	U
FH	OFS-S	398213004	5/24/2016	I-131	2.11E+00	2.18E+00	6.39E+00	U
FH	OFS-S	398213004	5/24/2016	K-40	2.81E+03	1.42E+02	2.76E+01	
FH	OFS-S	398213004	5/24/2016	La-140	-1.35E+00	1.52E+00	4.73E+00	U
FH	OFS-S	398213004	5/24/2016	Mn-54	3.66E-01	8.95E-01	3.01E+00	U
FH	OFS-S	398213004	5/24/2016	Nb-95	3.14E+00	1.78E+00	3.06E+00	UI
FH	OFS-S	398213004	5/24/2016	Ru-103	-1.30E+00	1.00E+00	3.00E+00	U
FH	OFS-S	398213004	5/24/2016	Ru-106	5.41E+00	8.52E+00	2.76E+01	U
FH	OFS-S	398213004	5/24/2016	Sb-124	-2.15E+00	2.20E+00	5.52E+00	U
FH	OFS-S	398213004	5/24/2016	Sb-125	-2.49E+00	2.44E+00	7.61E+00	U
FH	OFS-S	398213004	5/24/2016	Se-75	2.82E+00	1.60E+00	3.97E+00	U
FH	OFS-S	398213004	5/24/2016	Th-228	1.66E+00	2.89E+00	5.77E+00	U
FH	OFS-S	398213004	5/24/2016	Zn-65	5.55E+00	3.12E+00	8.59E+00	U
FH	OFS-S	398213004	5/24/2016	Zr-95	-4.02E-01	1.67E+00	5.56E+00	U
FH	PCH- CNP	405197001	9/1/2016	Ac-228	-2.12E+01	9.50E+00	2.18E+01	U
FH	PCH- CNP	405197001	9/1/2016	Ag-108m	-1.54E+00	1.28E+00	3.84E+00	U
FH	PCH- CNP	405197001	9/1/2016	Ag-110m	2.00E+00	2.14E+00	7.20E+00	U
FH	PCH- CNP	405197001	9/1/2016	Ba-140	-9.58E+00	7.55E+00	2.20E+01	U
FH	PCH- CNP	405197001	9/1/2016	Be-7	-3.26E+00	1.41E+01	4.01E+01	U
FH	PCH- CNP	405197001	9/1/2016	Ce-141	-2.15E+00	2.39E+00	7.14E+00	U
FH	PCH- CNP	405197001	9/1/2016	Ce-144	-1.28E+01	9.01E+00	2.58E+01	U
FH	PCH- CNP	405197001	9/1/2016	Co-57	-3.95E-01	1.10E+00	3.43E+00	U
FH	PCH- CNP	405197001	9/1/2016	Co-58	1.77E+00	1.56E+00	5.25E+00	U
FH	PCH- CNP	405197001	9/1/2016	Co-60	9.68E-01	1.70E+00	5.59E+00	U
FH	PCH- CNP	405197001	9/1/2016	Cr-51	5.88E+00	1.27E+01	4.22E+01	U
FH	PCH- CNP	405197001	9/1/2016	Cs-134	-9.42E-01	1.65E+00	5.36E+00	U
FH	PCH- CNP	405197001	9/1/2016	Cs-137	2.07E+01	3.53E+00	5.32E+00	M
FH	PCH- CNP	405197001	9/1/2016	Fe-59	-3.35E+00	4.13E+00	1.11E+01	U
FH	PCH- CNP	405197001	9/1/2016	I-131	-3.08E+00	2.52E+00	7.67E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	PCH- CNP	405197001	9/1/2016	K-40	3.37E+03	1.23E+02	3.92E+01	
FH	PCH- CNP	405197001	9/1/2016	La-140	-1.29E+00	2.43E+00	7.83E+00	U
FH	PCH- CNP	405197001	9/1/2016	Mn-54	-1.34E+00	1.51E+00	4.76E+00	U
FH	PCH- CNP	405197001	9/1/2016	Nb-95	1.21E+00	1.57E+00	5.34E+00	U
FH	PCH- CNP	405197001	9/1/2016	Ru-103	3.42E-02	1.55E+00	5.01E+00	U
FH	PCH- CNP	405197001	9/1/2016	Ru-106	6.68E+00	1.39E+01	4.46E+01	U
FH	PCH- CNP	405197001	9/1/2016	Sb-124	7.49E-01	2.86E+00	9.73E+00	U
FH	PCH- CNP	405197001	9/1/2016	Sb-125	3.08E+00	3.85E+00	1.26E+01	U
FH	PCH- CNP	405197001	9/1/2016	Se-75	5.13E+00	2.67E+00	5.78E+00	U
FH	PCH- CNP	405197001	9/1/2016	Th-228	-3.21E+00	3.46E+00	8.51E+00	U
FH	PCH- CNP	405197001	9/1/2016	Zn-65	1.22E+00	3.76E+00	1.24E+01	U
FH	PCH- CNP	405197001	9/1/2016	Zr-95	-1.00E-01	2.59E+00	8.71E+00	U
FH	OFS-N	406683001	9/22/2016	Ac-228	-2.37E+01	1.25E+01	2.76E+01	U
FH	OFS-N	406683001	9/22/2016	Ag-108m	2.99E-01	2.09E+00	6.37E+00	U
FH	OFS-N	406683001	9/22/2016	Ag-110m	1.59E+01	1.10E+01	1.26E+01	UI
FH	OFS-N	406683001	9/22/2016	Ba-140	-1.41E+00	1.19E+01	3.91E+01	U
FH	OFS-N	406683001	9/22/2016	Be-7	-3.14E+01	2.01E+01	5.48E+01	U
FH	OFS-N	406683001	9/22/2016	Ce-141	-5.91E+00	3.55E+00	9.63E+00	U
FH	OFS-N	406683001	9/22/2016	Ce-144	1.19E+01	1.24E+01	4.12E+01	U
FH	OFS-N	406683001	9/22/2016	Co-57	-4.80E-01	1.66E+00	5.37E+00	U
FH	OFS-N	406683001	9/22/2016	Co-58	3.01E+00	2.21E+00	5.79E+00	U
FH	OFS-N	406683001	9/22/2016	Co-60	-3.14E+00	2.61E+00	6.91E+00	U
FH	OFS-N	406683001	9/22/2016	Cr-51	-3.25E-02	1.67E+01	5.73E+01	U
FH	OFS-N	406683001	9/22/2016	Cs-134	5.94E-02	2.63E+00	8.46E+00	U
FH	OFS-N	406683001	9/22/2016	Cs-137	2.97E+01	6.58E+00	8.58E+00	M
FH	OFS-N	406683001	9/22/2016	Fe-59	4.06E-02	5.70E+00	1.92E+01	U
FH	OFS-N	406683001	9/22/2016	I-131	2.56E+00	4.33E+00	1.50E+01	U
FH	OFS-N	406683001	9/22/2016	K-40	3.91E+03	2.37E+02	8.33E+01	
FH	OFS-N	406683001	9/22/2016	La-140	-2.27E-01	3.36E+00	1.08E+01	U
FH	OFS-N	406683001	9/22/2016	Mn-54	-2.22E+00	2.51E+00	7.13E+00	U
FH	OFS-N	406683001	9/22/2016	Nb-95	1.72E+00	2.66E+00	8.94E+00	U
FH	OFS-N	406683001	9/22/2016	Ru-103	6.79E-01	2.04E+00	6.94E+00	U
FH	OFS-N	406683001	9/22/2016	Ru-106	2.25E-02	1.88E+01	6.14E+01	U
FH	OFS-N	406683001	9/22/2016	Sb-124	4.90E-01	5.24E+00	1.72E+01	U
FH	OFS-N	406683001	9/22/2016	Sb-125	-1.34E+00	5.60E+00	1.85E+01	U
FH	OFS-N	406683001	9/22/2016	Se-75	-2.00E+00	3.12E+00	9.28E+00	U
FH	OFS-N	406683001	9/22/2016	Th-228	5.46E+00	5.93E+00	1.43E+01	U
FH	OFS-N	406683001	9/22/2016	Zn-65	-1.91E+00	7.10E+00	2.34E+01	U
FH	OFS-N	406683001	9/22/2016	Zr-95	6.27E+00	4.57E+00	1.57E+01	U
FH	ONS-N	406683002	9/22/2016	Ac-228	-4.57E+00	7.52E+00	2.28E+01	U
FH	ONS-N	406683002	9/22/2016	Ag-108m	-1.64E-01	1.76E+00	5.78E+00	U
FH	ONS-N	406683002	9/22/2016	Ag-110m	-7.71E+00	3.77E+00	8.08E+00	U
FH	ONS-N	406683002	9/22/2016	Ba-140	-7.74E+00	1.26E+01	3.92E+01	U
FH	ONS-N	406683002	9/22/2016	Be-7	4.39E+00	1.83E+01	6.10E+01	U
FH	ONS-N	406683002	9/22/2016	Ce-141	-3.31E+00	3.23E+00	9.28E+00	U
FH	ONS-N	406683002	9/22/2016	Ce-144	1.73E+01	1.15E+01	3.65E+01	U
FH	ONS-N	406683002	9/22/2016	Co-57	1.39E+00	1.53E+00	4.93E+00	U
FH	ONS-N	406683002	9/22/2016	Co-58	-2.23E+00	2.17E+00	6.01E+00	U
FH	ONS-N	406683002	9/22/2016	Co-60	1.10E+00	2.66E+00	8.88E+00	U
FH	ONS-N	406683002	9/22/2016	Cr-51	1.05E+01	1.70E+01	5.86E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	ONS-N	406683002	9/22/2016	Cs-134	1.09E+00	2.47E+00	8.18E+00	U
FH	ONS-N	406683002	9/22/2016	Cs-137	2.99E+01	5.92E+00	6.66E+00	M
FH	ONS-N	406683002	9/22/2016	Fe-59	8.82E-01	4.93E+00	1.68E+01	U
FH	ONS-N	406683002	9/22/2016	I-131	-4.55E+00	3.95E+00	1.18E+01	U
FH	ONS-N	406683002	9/22/2016	K-40	3.30E+03	1.59E+02	4.09E+01	
FH	ONS-N	406683002	9/22/2016	La-140	-4.84E+00	3.09E+00	6.29E+00	U
FH	ONS-N	406683002	9/22/2016	Mn-54	-8.07E-01	2.42E+00	7.49E+00	U
FH	ONS-N	406683002	9/22/2016	Nb-95	-2.37E+00	2.34E+00	6.59E+00	U
FH	ONS-N	406683002	9/22/2016	Ru-103	-7.55E-01	2.25E+00	7.21E+00	U
FH	ONS-N	406683002	9/22/2016	Ru-106	-2.96E-01	1.98E+01	6.43E+01	U
FH	ONS-N	406683002	9/22/2016	Sb-124	3.18E+00	4.70E+00	1.68E+01	U
FH	ONS-N	406683002	9/22/2016	Sb-125	-8.53E+00	5.12E+00	1.34E+01	U
FH	ONS-N	406683002	9/22/2016	Se-75	9.56E-01	2.29E+00	7.87E+00	U
FH	ONS-N	406683002	9/22/2016	Th-228	8.94E-01	3.54E+00	1.14E+01	U
FH	ONS-N	406683002	9/22/2016	Zn-65	-2.08E+00	5.77E+00	1.82E+01	U
FH	ONS-N	406683002	9/22/2016	Zr-95	-4.49E+00	4.12E+00	1.14E+01	U
FH	ONS-S	406683003	9/21/2016	Ac-228	-7.24E+00	1.08E+01	3.35E+01	U
FH	ONS-S	406683003	9/21/2016	Ag-108m	-1.65E+00	1.90E+00	5.86E+00	U
FH	ONS-S	406683003	9/21/2016	Ag-110m	3.50E+00	3.70E+00	9.70E+00	U
FH	ONS-S	406683003	9/21/2016	Ba-140	-1.16E+01	1.28E+01	3.80E+01	U
FH	ONS-S	406683003	9/21/2016	Be-7	-3.53E+01	2.01E+01	5.21E+01	U
FH	ONS-S	406683003	9/21/2016	Ce-141	1.66E+00	2.76E+00	9.27E+00	U
FH	ONS-S	406683003	9/21/2016	Ce-144	2.34E+01	1.07E+01	3.42E+01	U
FH	ONS-S	406683003	9/21/2016	Co-57	-3.16E-02	1.10E+00	3.67E+00	U
FH	ONS-S	406683003	9/21/2016	Co-58	-2.13E+00	2.70E+00	8.49E+00	U
FH	ONS-S	406683003	9/21/2016	Co-60	1.13E+00	3.07E+00	1.02E+01	U
FH	ONS-S	406683003	9/21/2016	Cr-51	-1.79E+00	1.78E+01	6.08E+01	U
FH	ONS-S	406683003	9/21/2016	Cs-134	7.67E-01	2.18E+00	7.60E+00	U
FH	ONS-S	406683003	9/21/2016	Cs-137	1.23E+01	3.78E+00	8.89E+00	M
FH	ONS-S	406683003	9/21/2016	Fe-59	6.81E+00	5.67E+00	1.99E+01	U
FH	ONS-S	406683003	9/21/2016	I-131	-1.97E-01	4.06E+00	1.38E+01	U
FH	ONS-S	406683003	9/21/2016	K-40	3.10E+03	1.64E+02	7.21E+01	
FH	ONS-S	406683003	9/21/2016	La-140	5.05E-01	4.66E+00	1.71E+01	U
FH	ONS-S	406683003	9/21/2016	Mn-54	-3.05E+00	2.99E+00	7.73E+00	U
FH	ONS-S	406683003	9/21/2016	Nb-95	-1.22E+00	2.99E+00	9.10E+00	U
FH	ONS-S	406683003	9/21/2016	Ru-103	-2.02E+00	1.90E+00	5.50E+00	U
FH	ONS-S	406683003	9/21/2016	Ru-106	-5.19E+00	1.91E+01	6.02E+01	U
FH	ONS-S	406683003	9/21/2016	Sb-124	-2.73E+00	6.04E+00	1.88E+01	U
FH	ONS-S	406683003	9/21/2016	Sb-125	-5.61E+00	5.51E+00	1.67E+01	U
FH	ONS-S	406683003	9/21/2016	Se-75	1.14E+00	2.83E+00	9.05E+00	U
FH	ONS-S	406683003	9/21/2016	Th-228	-9.26E+00	4.26E+00	1.04E+01	U
FH	ONS-S	406683003	9/21/2016	Zn-65	-3.58E+00	6.36E+00	1.98E+01	U
FH	ONS-S	406683003	9/21/2016	Zr-95	2.49E+00	4.61E+00	1.52E+01	U
FH	OFS-S	406683004	9/21/2016	Ac-228	1.36E+01	9.89E+00	3.51E+01	U
FH	OFS-S	406683004	9/21/2016	Ag-108m	-2.48E-01	1.88E+00	6.12E+00	U
FH	OFS-S	406683004	9/21/2016	Ag-110m	-1.21E+00	3.72E+00	1.00E+01	U
FH	OFS-S	406683004	9/21/2016	Ba-140	-5.15E+00	1.24E+01	3.89E+01	U
FH	OFS-S	406683004	9/21/2016	Be-7	-3.11E+01	1.87E+01	4.80E+01	U
FH	OFS-S	406683004	9/21/2016	Ce-141	1.58E+00	3.26E+00	1.13E+01	U
FH	OFS-S	406683004	9/21/2016	Ce-144	-1.97E+01	1.59E+01	4.44E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
FH	OFS-S	406683004	9/21/2016	Co-57	3.30E+00	1.97E+00	6.15E+00	U
FH	OFS-S	406683004	9/21/2016	Co-58	-2.74E+00	2.18E+00	5.63E+00	U
FH	OFS-S	406683004	9/21/2016	Co-60	2.17E+00	2.45E+00	8.03E+00	U
FH	OFS-S	406683004	9/21/2016	Cr-51	-1.92E+00	1.86E+01	6.18E+01	U
FH	OFS-S	406683004	9/21/2016	Cs-134	4.46E+00	2.54E+00	8.75E+00	U
FH	OFS-S	406683004	9/21/2016	Cs-137	1.51E+01	5.19E+00	7.36E+00	M
FH	OFS-S	406683004	9/21/2016	Fe-59	-8.22E+00	5.62E+00	1.54E+01	U
FH	OFS-S	406683004	9/21/2016	I-131	-6.39E+00	4.93E+00	1.45E+01	U
FH	OFS-S	406683004	9/21/2016	K-40	3.10E+03	1.60E+02	6.67E+01	
FH	OFS-S	406683004	9/21/2016	La-140	-4.08E+00	3.58E+00	9.02E+00	U
FH	OFS-S	406683004	9/21/2016	Mn-54	7.12E-01	2.14E+00	7.01E+00	U
FH	OFS-S	406683004	9/21/2016	Nb-95	-1.63E+00	2.43E+00	7.19E+00	U
FH	OFS-S	406683004	9/21/2016	Ru-103	1.65E+00	1.87E+00	6.45E+00	U
FH	OFS-S	406683004	9/21/2016	Ru-106	-3.72E+01	2.24E+01	5.63E+01	U
FH	OFS-S	406683004	9/21/2016	Sb-124	-1.46E-01	4.41E+00	1.44E+01	U
FH	OFS-S	406683004	9/21/2016	Sb-125	-1.48E+00	5.81E+00	1.88E+01	U
FH	OFS-S	406683004	9/21/2016	Se-75	-4.00E+00	2.88E+00	8.53E+00	U
FH	OFS-S	406683004	9/21/2016	Th-228	9.17E+00	7.12E+00	1.42E+01	U
FH	OFS-S	406683004	9/21/2016	Zn-65	4.05E+00	5.76E+00	2.01E+01	U
FH	OFS-S	406683004	9/21/2016	Zr-95	-3.13E+00	4.13E+00	1.20E+01	U
FH	PCH- CNP	412364001	12/7/2016	Ac-228	6.66E+00	1.93E+01	3.91E+01	U
FH	PCH- CNP	412364001	12/7/2016	Ag-108m	-2.24E-01	1.84E+00	6.04E+00	U
FH	PCH- CNP	412364001	12/7/2016	Ag-110m	-3.97E-01	3.31E+00	1.05E+01	U
FH	PCH- CNP	412364001	12/7/2016	Ba-140	-5.38E+00	7.42E+01	2.43E+02	U
FH	PCH- CNP	412364001	12/7/2016	Be-7	4.04E+01	3.41E+01	1.16E+02	U
FH	PCH- CNP	412364001	12/7/2016	Ce-141	-1.14E+01	8.01E+00	2.45E+01	U
FH	PCH- CNP	412364001	12/7/2016	Ce-144	-1.87E+01	1.57E+01	4.95E+01	U
FH	PCH- CNP	412364001	12/7/2016	Co-57	1.33E+00	2.10E+00	7.28E+00	U
FH	PCH- CNP	412364001	12/7/2016	Co-58	-2.42E+00	3.88E+00	1.02E+01	U
FH	PCH- CNP	412364001	12/7/2016	Co-60	3.84E+00	4.23E+00	1.14E+01	U
FH	PCH- CNP	412364001	12/7/2016	Cr-51	1.94E+01	4.85E+01	1.65E+02	U
FH	PCH- CNP	412364001	12/7/2016	Cs-134	-1.50E+00	3.08E+00	8.29E+00	U
FH	PCH- CNP	412364001	12/7/2016	Cs-137	5.80E+00	3.07E+00	1.03E+01	U
FH	PCH- CNP	412364001	12/7/2016	Fe-59	-1.16E+01	1.06E+01	2.89E+01	U
FH	PCH- CNP	412364001	12/7/2016	I-131	2.29E+02	9.44E+01	3.01E+02	DL
FH	PCH- CNP	412364001	12/7/2016	K-40	2.65E+03	1.45E+02	7.20E+01	
FH	PCH- CNP	412364001	12/7/2016	La-140	4.34E+00	1.56E+01	5.49E+01	U
FH	PCH- CNP	412364001	12/7/2016	Mn-54	3.16E+00	3.44E+00	6.99E+00	U
FH	PCH- CNP	412364001	12/7/2016	Nb-95	-5.11E+00	3.91E+00	1.03E+01	U
FH	PCH- CNP	412364001	12/7/2016	Ru-103	-1.38E+00	3.88E+00	1.09E+01	U
FH	PCH- CNP	412364001	12/7/2016	Ru-106	4.18E+01	2.59E+01	8.78E+01	U
FH	PCH- CNP	412364001	12/7/2016	Sb-124	-1.79E+01	8.92E+00	1.45E+01	U
FH	PCH- CNP	412364001	12/7/2016	Sb-125	-5.23E+00	5.58E+00	1.68E+01	U
FH	PCH- CNP	412364001	12/7/2016	Se-75	3.09E+00	3.62E+00	1.24E+01	U
FH	PCH- CNP	412364001	12/7/2016	Th-228	-8.84E+00	4.70E+00	1.26E+01	U
FH	PCH- CNP	412364001	12/7/2016	Zn-65	-5.83E+00	5.29E+00	1.39E+01	U
FH	PCH- CNP	412364001	12/7/2016	Zr-95	9.16E+00	8.26E+00	1.93E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	SL-2	395504001	4/15/2016	Ac-228	1.73E+02	1.12E+02	1.99E+02	U
SE	SL-2	395504001	4/15/2016	Ag-108m	-3.07E+00	8.05E+00	2.77E+01	U
SE	SL-2	395504001	4/15/2016	Ag-110m	5.91E+01	2.54E+01	5.91E+01	U
SE	SL-2	395504001	4/15/2016	Ba-140	-8.63E+01	7.99E+01	2.50E+02	U
SE	SL-2	395504001	4/15/2016	Be-7	3.39E+01	9.40E+01	3.33E+02	U
SE	SL-2	395504001	4/15/2016	Ce-141	3.58E+01	1.71E+01	5.78E+01	U
SE	SL-2	395504001	4/15/2016	Ce-144	-7.73E+01	4.92E+01	1.56E+02	U
SE	SL-2	395504001	4/15/2016	Co-57	-1.09E+00	5.58E+00	2.03E+01	U
SE	SL-2	395504001	4/15/2016	Co-58	-7.26E+00	9.17E+00	2.92E+01	U
SE	SL-2	395504001	4/15/2016	Co-60	4.55E+00	1.16E+01	3.48E+01	U
SE	SL-2	395504001	4/15/2016	Cr-51	-1.39E+02	9.47E+01	2.98E+02	U
SE	SL-2	395504001	4/15/2016	Cs-134	1.73E+01	1.20E+01	4.32E+01	U
SE	SL-2	395504001	4/15/2016	Cs-137	-2.83E+00	1.19E+01	3.40E+01	U
SE	SL-2	395504001	4/15/2016	Fe-59	2.27E+01	2.86E+01	1.00E+02	U
SE	SL-2	395504001	4/15/2016	I-131	-6.10E+01	3.17E+01	9.06E+01	U
SE	SL-2	395504001	4/15/2016	K-40	6.04E+03	4.62E+02	2.87E+02	
SE	SL-2	395504001	4/15/2016	La-140	9.88E+00	2.06E+01	7.33E+01	U
SE	SL-2	395504001	4/15/2016	Mn-54	9.19E+00	1.08E+01	3.89E+01	U
SE	SL-2	395504001	4/15/2016	Nb-95	5.56E+00	1.28E+01	3.98E+01	U
SE	SL-2	395504001	4/15/2016	Ru-103	3.78E+00	1.44E+01	3.54E+01	U
SE	SL-2	395504001	4/15/2016	Ru-106	-1.76E+01	8.17E+01	2.74E+02	U
SE	SL-2	395504001	4/15/2016	Sb-124	1.61E+01	2.32E+01	8.39E+01	U
SE	SL-2	395504001	4/15/2016	Sb-125	-4.47E+00	2.25E+01	7.85E+01	U
SE	SL-2	395504001	4/15/2016	Se-75	1.82E+00	9.92E+00	3.47E+01	U
SE	SL-2	395504001	4/15/2016	Th-228	1.57E+02	2.73E+01	5.10E+01	
SE	SL-2	395504001	4/15/2016	Zn-65	-4.58E+00	2.70E+01	7.45E+01	U
SE	SL-2	395504001	4/15/2016	Zr-95	-1.68E+00	1.94E+01	6.43E+01	U
SE	SL-3	395504002	4/15/2016	Ac-228	3.26E+02	7.09E+01	1.28E+02	
SE	SL-3	395504002	4/15/2016	Ag-108m	5.12E+00	7.31E+00	2.62E+01	U
SE	SL-3	395504002	4/15/2016	Ag-110m	-3.68E+00	1.13E+01	3.70E+01	U
SE	SL-3	395504002	4/15/2016	Ba-140	-8.81E+01	7.33E+01	2.23E+02	U
SE	SL-3	395504002	4/15/2016	Be-7	-3.10E+01	8.34E+01	2.82E+02	U
SE	SL-3	395504002	4/15/2016	Ce-141	-1.40E+01	1.45E+01	4.79E+01	U
SE	SL-3	395504002	4/15/2016	Ce-144	8.45E+00	4.60E+01	1.71E+02	U
SE	SL-3	395504002	4/15/2016	Co-57	-3.33E+00	5.94E+00	2.16E+01	U
SE	SL-3	395504002	4/15/2016	Co-58	-3.89E-02	1.05E+01	3.60E+01	U
SE	SL-3	395504002	4/15/2016	Co-60	-3.46E+00	9.52E+00	3.06E+01	U
SE	SL-3	395504002	4/15/2016	Cr-51	-1.39E+02	1.03E+02	3.33E+02	U
SE	SL-3	395504002	4/15/2016	Cs-134	2.26E+01	1.55E+01	4.30E+01	U
SE	SL-3	395504002	4/15/2016	Cs-137	1.09E+01	1.06E+01	3.80E+01	U
SE	SL-3	395504002	4/15/2016	Fe-59	3.48E+00	2.48E+01	8.56E+01	U
SE	SL-3	395504002	4/15/2016	I-131	-9.43E+00	2.75E+01	9.61E+01	U
SE	SL-3	395504002	4/15/2016	K-40	6.46E+03	4.78E+02	3.63E+02	
SE	SL-3	395504002	4/15/2016	La-140	2.60E+01	1.97E+01	7.36E+01	U
SE	SL-3	395504002	4/15/2016	Mn-54	-2.60E+00	9.62E+00	3.21E+01	U
SE	SL-3	395504002	4/15/2016	Nb-95	-4.83E+00	1.04E+01	3.45E+01	U
SE	SL-3	395504002	4/15/2016	Ru-103	-1.19E+01	1.00E+01	3.06E+01	U
SE	SL-3	395504002	4/15/2016	Ru-106	2.53E+01	7.92E+01	2.83E+02	U
SE	SL-3	395504002	4/15/2016	Sb-124	1.26E+01	1.97E+01	7.10E+01	U
SE	SL-3	395504002	4/15/2016	Sb-125	-1.09E+01	2.38E+01	8.11E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	SL-3	395504002	4/15/2016	Se-75	5.90E+00	1.08E+01	3.82E+01	U
SE	SL-3	395504002	4/15/2016	Th-228	2.64E+02	2.91E+01	4.60E+01	
SE	SL-3	395504002	4/15/2016	Zn-65	1.69E+00	2.70E+01	7.95E+01	U
SE	SL-3	395504002	4/15/2016	Zr-95	-4.56E+00	1.81E+01	6.13E+01	U
SE	SL-2	408215001	10/12/2016	Ac-228	2.25E+02	7.26E+01	1.74E+02	UI
SE	SL-2	408215001	10/12/2016	Ag-108m	-1.06E+01	5.83E+00	1.59E+01	U
SE	SL-2	408215001	10/12/2016	Ag-110m	-1.19E+01	1.14E+01	2.65E+01	U
SE	SL-2	408215001	10/12/2016	Ba-140	-1.94E+01	9.84E+01	3.38E+02	U
SE	SL-2	408215001	10/12/2016	Be-7	-4.49E+01	7.42E+01	2.48E+02	U
SE	SL-2	408215001	10/12/2016	Ce-141	-1.22E+01	1.45E+01	4.33E+01	U
SE	SL-2	408215001	10/12/2016	Ce-144	-3.24E+01	3.48E+01	1.16E+02	U
SE	SL-2	408215001	10/12/2016	Co-57	2.31E+00	4.09E+00	1.52E+01	U
SE	SL-2	408215001	10/12/2016	Co-58	-1.15E+01	8.23E+00	2.10E+01	U
SE	SL-2	408215001	10/12/2016	Co-60	7.13E+00	8.65E+00	3.12E+01	U
SE	SL-2	408215001	10/12/2016	Cr-51	6.84E+02	2.02E+02	2.60E+02	UI
SE	SL-2	408215001	10/12/2016	Cs-134	1.94E+01	8.90E+00	3.15E+01	U
SE	SL-2	408215001	10/12/2016	Cs-137	1.65E+01	8.97E+00	3.17E+01	U
SE	SL-2	408215001	10/12/2016	Fe-59	2.76E+01	2.44E+01	8.85E+01	U
SE	SL-2	408215001	10/12/2016	I-131	1.31E+02	6.37E+01	2.29E+02	U
SE	SL-2	408215001	10/12/2016	K-40	5.45E+03	4.28E+02	2.39E+02	
SE	SL-2	408215001	10/12/2016	La-140	-4.60E+01	3.24E+01	7.15E+01	U
SE	SL-2	408215001	10/12/2016	Mn-54	-1.45E-01	8.81E+00	2.32E+01	U
SE	SL-2	408215001	10/12/2016	Nb-95	0.00E+00	0.00E+00	2.75E+01	U
SE	SL-2	408215001	10/12/2016	Ru-103	-3.37E-01	9.71E+00	3.41E+01	U
SE	SL-2	408215001	10/12/2016	Ru-106	2.90E+01	6.34E+01	2.25E+02	U
SE	SL-2	408215001	10/12/2016	Sb-124	3.65E+01	2.29E+01	8.74E+01	U
SE	SL-2	408215001	10/12/2016	Sb-125	-7.97E+00	1.67E+01	5.72E+01	U
SE	SL-2	408215001	10/12/2016	Se-75	-2.65E+00	9.76E+00	3.24E+01	U
SE	SL-2	408215001	10/12/2016	Th-228	7.84E+01	2.83E+01	4.45E+01	
SE	SL-2	408215001	10/12/2016	Zn-65	-1.21E+01	2.07E+01	6.71E+01	U
SE	SL-2	408215001	10/12/2016	Zr-95	-1.35E+01	1.79E+01	5.51E+01	U
SE	SL-3	408215002	10/12/2016	Ac-228	1.46E+02	4.38E+01	9.13E+01	
SE	SL-3	408215002	10/12/2016	Ag-108m	4.88E+00	4.76E+00	1.67E+01	U
SE	SL-3	408215002	10/12/2016	Ag-110m	-2.06E+01	1.32E+01	2.71E+01	U
SE	SL-3	408215002	10/12/2016	Ba-140	-1.94E+01	7.30E+01	2.55E+02	U
SE	SL-3	408215002	10/12/2016	Be-7	-6.67E+01	6.71E+01	2.06E+02	U
SE	SL-3	408215002	10/12/2016	Ce-141	-7.26E-01	1.29E+01	4.50E+01	U
SE	SL-3	408215002	10/12/2016	Ce-144	2.73E+01	3.15E+01	1.14E+02	U
SE	SL-3	408215002	10/12/2016	Co-57	-7.99E-01	4.50E+00	1.60E+01	U
SE	SL-3	408215002	10/12/2016	Co-58	2.03E-01	7.47E+00	2.52E+01	U
SE	SL-3	408215002	10/12/2016	Co-60	-7.73E+00	6.25E+00	1.74E+01	U
SE	SL-3	408215002	10/12/2016	Cr-51	-7.50E+01	7.91E+01	2.60E+02	U
SE	SL-3	408215002	10/12/2016	Cs-134	-3.98E+00	6.82E+00	2.18E+01	U
SE	SL-3	408215002	10/12/2016	Cs-137	-1.41E+00	6.44E+00	2.19E+01	U
SE	SL-3	408215002	10/12/2016	Fe-59	-3.92E+01	2.26E+01	4.91E+01	U
SE	SL-3	408215002	10/12/2016	I-131	2.16E+01	4.78E+01	1.69E+02	U
SE	SL-3	408215002	10/12/2016	K-40	5.41E+03	3.12E+02	1.98E+02	
SE	SL-3	408215002	10/12/2016	La-140	3.35E+01	2.84E+01	1.02E+02	U
SE	SL-3	408215002	10/12/2016	Mn-54	-1.95E+00	8.10E+00	2.36E+01	U
SE	SL-3	408215002	10/12/2016	Nb-95	9.92E+00	9.85E+00	3.07E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
SE	SL-3	408215002	10/12/2016	Ru-103	-2.62E+00	7.22E+00	2.53E+01	U
SE	SL-3	408215002	10/12/2016	Ru-106	-6.09E+00	5.53E+01	1.92E+02	U
SE	SL-3	408215002	10/12/2016	Sb-124	8.38E+00	1.71E+01	5.98E+01	U
SE	SL-3	408215002	10/12/2016	Sb-125	-1.77E+00	1.60E+01	5.38E+01	U
SE	SL-3	408215002	10/12/2016	Se-75	6.16E+00	7.64E+00	2.81E+01	U
SE	SL-3	408215002	10/12/2016	Th-228	9.81E+01	3.33E+01	5.78E+01	UI
SE	SL-3	408215002	10/12/2016	Zn-65	1.32E+01	1.59E+01	4.97E+01	U
SE	SL-3	408215002	10/12/2016	Zr-95	1.84E+01	1.54E+01	5.39E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	ONS-G	405413008	9/6/2016	Ac-228	-4.66E+01	1.88E+01	3.17E+01	U
TF	ONS-G	405413008	9/6/2016	Ag-108m	6.00E-01	1.97E+00	6.41E+00	U
TF	ONS-G	405413008	9/6/2016	Ag-110m	6.87E+00	4.49E+00	1.10E+01	U
TF	ONS-G	405413008	9/6/2016	Ba-140	1.01E+01	1.52E+01	3.65E+01	U
TF	ONS-G	405413008	9/6/2016	Be-7	1.93E+02	3.66E+01	5.82E+01	
TF	ONS-G	405413008	9/6/2016	Ce-141	-6.47E-01	2.89E+00	9.74E+00	U
TF	ONS-G	405413008	9/6/2016	Ce-144	-2.40E+00	1.07E+01	3.62E+01	U
TF	ONS-G	405413008	9/6/2016	Co-57	1.50E+00	1.43E+00	4.81E+00	U
TF	ONS-G	405413008	9/6/2016	Co-58	-2.27E+00	2.53E+00	7.94E+00	U
TF	ONS-G	405413008	9/6/2016	Co-60	1.46E+00	2.82E+00	9.42E+00	U
TF	ONS-G	405413008	9/6/2016	Cr-51	-7.71E+00	1.91E+01	6.15E+01	U
TF	ONS-G	405413008	9/6/2016	Cs-134	-3.48E+00	2.81E+00	8.48E+00	U
TF	ONS-G	405413008	9/6/2016	Cs-137	6.02E+01	6.59E+00	8.10E+00	
TF	ONS-G	405413008	9/6/2016	Fe-59	-7.01E+00	5.70E+00	1.66E+01	U
TF	ONS-G	405413008	9/6/2016	I-131	3.37E+00	4.32E+00	1.28E+01	U
TF	ONS-G	405413008	9/6/2016	K-40	2.15E+03	1.36E+02	7.37E+01	
TF	ONS-G	405413008	9/6/2016	La-140	-5.67E+00	4.48E+00	1.21E+01	U
TF	ONS-G	405413008	9/6/2016	Mn-54	-3.09E+00	2.47E+00	7.41E+00	U
TF	ONS-G	405413008	9/6/2016	Nb-95	1.27E+00	2.59E+00	8.84E+00	U
TF	ONS-G	405413008	9/6/2016	Ru-103	6.08E-01	2.35E+00	7.61E+00	U
TF	ONS-G	405413008	9/6/2016	Ru-106	3.21E+01	2.40E+01	7.68E+01	U
TF	ONS-G	405413008	9/6/2016	Sb-124	-3.46E+00	4.72E+00	1.45E+01	U
TF	ONS-G	405413008	9/6/2016	Sb-125	-1.32E+01	6.64E+00	1.72E+01	U
TF	ONS-G	405413008	9/6/2016	Se-75	4.08E+00	2.64E+00	8.57E+00	U
TF	ONS-G	405413008	9/6/2016	Th-228	-6.70E+00	5.66E+00	1.39E+01	U
TF	ONS-G	405413008	9/6/2016	Zn-65	-2.60E+00	5.97E+00	1.91E+01	U
TF	ONS-G	405413008	9/6/2016	Zr-95	-3.03E+00	4.10E+00	1.31E+01	U
TF	ONS-G	405413009	9/6/2016	Ac-228	-2.13E+01	1.12E+01	2.30E+01	U
TF	ONS-G	405413009	9/6/2016	Ag-108m	-6.85E-01	1.25E+00	4.06E+00	U
TF	ONS-G	405413009	9/6/2016	Ag-110m	-1.35E+00	2.21E+00	7.18E+00	U
TF	ONS-G	405413009	9/6/2016	Ba-140	-1.30E+01	7.80E+00	2.20E+01	U
TF	ONS-G	405413009	9/6/2016	Be-7	1.78E+02	2.56E+01	3.93E+01	
TF	ONS-G	405413009	9/6/2016	Ce-141	4.46E-01	1.70E+00	5.65E+00	U
TF	ONS-G	405413009	9/6/2016	Ce-144	-9.03E+00	6.46E+00	1.97E+01	U
TF	ONS-G	405413009	9/6/2016	Co-57	2.56E+00	1.03E+00	2.46E+00	UI
TF	ONS-G	405413009	9/6/2016	Co-58	6.58E-01	1.56E+00	5.36E+00	U
TF	ONS-G	405413009	9/6/2016	Co-60	-1.78E+00	2.03E+00	6.12E+00	U
TF	ONS-G	405413009	9/6/2016	Cr-51	-1.83E+01	1.60E+01	3.90E+01	U
TF	ONS-G	405413009	9/6/2016	Cs-134	-1.74E-01	1.81E+00	5.93E+00	U
TF	ONS-G	405413009	9/6/2016	Cs-137	1.64E+00	1.88E+00	6.10E+00	U
TF	ONS-G	405413009	9/6/2016	Fe-59	1.44E+00	4.06E+00	1.35E+01	U
TF	ONS-G	405413009	9/6/2016	I-131	-1.54E-01	2.28E+00	7.72E+00	U
TF	ONS-G	405413009	9/6/2016	K-40	4.51E+03	1.56E+02	4.17E+01	
TF	ONS-G	405413009	9/6/2016	La-140	1.45E+00	1.87E+00	6.56E+00	U
TF	ONS-G	405413009	9/6/2016	Mn-54	-1.80E+00	1.60E+00	4.97E+00	U
TF	ONS-G	405413009	9/6/2016	Nb-95	3.38E-01	2.30E+00	5.37E+00	U
TF	ONS-G	405413009	9/6/2016	Ru-103	2.12E+00	1.50E+00	4.93E+00	U
TF	ONS-G	405413009	9/6/2016	Ru-106	-1.42E+01	1.42E+01	4.28E+01	U
TF	ONS-G	405413009	9/6/2016	Sb-124	7.45E-01	3.28E+00	9.76E+00	U
TF	ONS-G	405413009	9/6/2016	Sb-125	-2.87E-01	3.55E+00	1.19E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TF	ONS-G	405413009	9/6/2016	Se-75	-2.73E+00	1.79E+00	5.00E+00	U
TF	ONS-G	405413009	9/6/2016	Th-228	1.31E+00	4.35E+00	7.95E+00	U
TF	ONS-G	405413009	9/6/2016	Zn-65	5.52E+00	4.43E+00	1.46E+01	U
TF	ONS-G	405413009	9/6/2016	Zr-95	-1.28E+00	2.70E+00	8.31E+00	U
TF	OFS-G	405413010	9/6/2016	Ac-228	-2.35E+00	7.42E+00	1.91E+01	U
TF	OFS-G	405413010	9/6/2016	Ag-108m	-2.74E-01	9.00E-01	3.01E+00	U
TF	OFS-G	405413010	9/6/2016	Ag-110m	-6.94E-01	1.83E+00	5.51E+00	U
TF	OFS-G	405413010	9/6/2016	Ba-140	-2.66E+00	7.76E+00	1.72E+01	U
TF	OFS-G	405413010	9/6/2016	Be-7	7.52E+01	2.00E+01	3.25E+01	
TF	OFS-G	405413010	9/6/2016	Ce-141	-2.88E+00	2.37E+00	5.31E+00	U
TF	OFS-G	405413010	9/6/2016	Ce-144	2.80E-02	6.42E+00	2.08E+01	U
TF	OFS-G	405413010	9/6/2016	Co-57	1.06E+00	8.62E-01	2.77E+00	U
TF	OFS-G	405413010	9/6/2016	Co-58	1.78E+00	1.33E+00	4.37E+00	U
TF	OFS-G	405413010	9/6/2016	Co-60	4.39E-01	1.61E+00	4.86E+00	U
TF	OFS-G	405413010	9/6/2016	Cr-51	-2.17E+01	1.05E+01	2.94E+01	U
TF	OFS-G	405413010	9/6/2016	Cs-134	7.08E-01	1.49E+00	4.44E+00	U
TF	OFS-G	405413010	9/6/2016	Cs-137	-3.92E-01	1.25E+00	4.05E+00	U
TF	OFS-G	405413010	9/6/2016	Fe-59	-2.48E+00	3.10E+00	9.31E+00	U
TF	OFS-G	405413010	9/6/2016	I-131	1.55E+00	3.03E+00	6.25E+00	U
TF	OFS-G	405413010	9/6/2016	K-40	4.54E+03	2.30E+02	3.26E+01	
TF	OFS-G	405413010	9/6/2016	La-140	1.37E+00	1.91E+00	6.58E+00	U
TF	OFS-G	405413010	9/6/2016	Mn-54	8.47E-01	1.24E+00	4.09E+00	U
TF	OFS-G	405413010	9/6/2016	Nb-95	1.35E-01	1.25E+00	4.11E+00	U
TF	OFS-G	405413010	9/6/2016	Ru-103	-1.42E+00	1.14E+00	3.49E+00	U
TF	OFS-G	405413010	9/6/2016	Ru-106	-9.96E+00	1.04E+01	3.22E+01	U
TF	OFS-G	405413010	9/6/2016	Sb-124	-6.69E-01	2.19E+00	7.04E+00	U
TF	OFS-G	405413010	9/6/2016	Sb-125	7.25E-01	2.71E+00	9.23E+00	U
TF	OFS-G	405413010	9/6/2016	Se-75	5.10E+00	2.05E+00	4.76E+00	UI
TF	OFS-G	405413010	9/6/2016	Th-228	-2.15E+00	2.94E+00	7.48E+00	U
TF	OFS-G	405413010	9/6/2016	Zn-65	2.38E+00	3.42E+00	1.10E+01	U
TF	OFS-G	405413010	9/6/2016	Zr-95	-4.12E-01	2.07E+00	6.70E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS3-V	399230001	6/10/2016	Ac-228	-1.36E+01	2.25E+01	4.66E+01	U
TV	ONS3-V	399230001	6/10/2016	Ag-108m	6.27E-02	2.74E+00	8.79E+00	U
TV	ONS3-V	399230001	6/10/2016	Ag-110m	-2.73E+00	4.39E+00	1.38E+01	U
TV	ONS3-V	399230001	6/10/2016	Ba-140	1.24E+01	1.38E+01	4.65E+01	U
TV	ONS3-V	399230001	6/10/2016	Be-7	7.43E+02	5.57E+01	7.94E+01	
TV	ONS3-V	399230001	6/10/2016	Ce-141	5.10E+00	4.49E+00	1.49E+01	U
TV	ONS3-V	399230001	6/10/2016	Ce-144	-3.18E+01	1.81E+01	5.35E+01	U
TV	ONS3-V	399230001	6/10/2016	Co-57	-1.17E-01	2.17E+00	7.31E+00	U
TV	ONS3-V	399230001	6/10/2016	Co-58	6.59E+00	4.72E+00	9.96E+00	U
TV	ONS3-V	399230001	6/10/2016	Co-60	-1.34E+00	3.83E+00	1.25E+01	U
TV	ONS3-V	399230001	6/10/2016	Cr-51	9.64E-01	2.77E+01	9.02E+01	U
TV	ONS3-V	399230001	6/10/2016	Cs-134	3.79E+00	3.80E+00	1.23E+01	U
TV	ONS3-V	399230001	6/10/2016	Cs-137	7.30E+00	3.73E+00	1.18E+01	U
TV	ONS3-V	399230001	6/10/2016	Fe-59	-6.45E+00	6.78E+00	2.13E+01	U
TV	ONS3-V	399230001	6/10/2016	I-131	-6.53E+00	4.68E+00	1.37E+01	U
TV	ONS3-V	399230001	6/10/2016	K-40	3.32E+03	1.94E+02	1.04E+02	
TV	ONS3-V	399230001	6/10/2016	La-140	-4.94E+00	4.95E+00	1.48E+01	U
TV	ONS3-V	399230001	6/10/2016	Mn-54	4.21E+00	3.31E+00	1.09E+01	U
TV	ONS3-V	399230001	6/10/2016	Nb-95	3.17E+00	3.36E+00	1.11E+01	U
TV	ONS3-V	399230001	6/10/2016	Ru-103	-2.45E+00	2.96E+00	9.53E+00	U
TV	ONS3-V	399230001	6/10/2016	Ru-106	4.71E+00	2.86E+01	9.55E+01	U
TV	ONS3-V	399230001	6/10/2016	Sb-124	-5.88E+00	7.14E+00	2.15E+01	U
TV	ONS3-V	399230001	6/10/2016	Sb-125	3.20E-01	8.45E+00	2.71E+01	U
TV	ONS3-V	399230001	6/10/2016	Se-75	2.51E+00	3.95E+00	1.30E+01	U
TV	ONS3-V	399230001	6/10/2016	Th-228	8.09E+00	9.50E+00	2.03E+01	U
TV	ONS3-V	399230001	6/10/2016	Zn-65	-4.57E+00	8.90E+00	2.65E+01	U
TV	ONS3-V	399230001	6/10/2016	Zr-95	2.44E-02	5.71E+00	1.88E+01	U
TV	ONS3-V	399230002	6/10/2016	Ac-228	1.18E+01	2.97E+01	8.00E+01	U
TV	ONS3-V	399230002	6/10/2016	Ag-108m	1.16E+00	4.62E+00	1.56E+01	U
TV	ONS3-V	399230002	6/10/2016	Ag-110m	2.36E-01	6.85E+00	2.31E+01	U
TV	ONS3-V	399230002	6/10/2016	Ba-140	4.65E+01	2.57E+01	8.18E+01	U
TV	ONS3-V	399230002	6/10/2016	Be-7	8.91E+02	9.64E+01	1.48E+02	
TV	ONS3-V	399230002	6/10/2016	Ce-141	1.03E+01	1.22E+01	2.57E+01	U
TV	ONS3-V	399230002	6/10/2016	Ce-144	-4.96E+01	3.71E+01	1.01E+02	U
TV	ONS3-V	399230002	6/10/2016	Co-57	3.26E-01	4.03E+00	1.37E+01	U
TV	ONS3-V	399230002	6/10/2016	Co-58	-9.48E+00	5.56E+00	1.51E+01	U
TV	ONS3-V	399230002	6/10/2016	Co-60	-2.84E+00	5.90E+00	1.87E+01	U
TV	ONS3-V	399230002	6/10/2016	Cr-51	-6.78E+01	5.20E+01	1.55E+02	U
TV	ONS3-V	399230002	6/10/2016	Cs-134	-2.54E+00	6.13E+00	1.89E+01	U
TV	ONS3-V	399230002	6/10/2016	Cs-137	2.05E+01	1.12E+01	1.84E+01	UI
TV	ONS3-V	399230002	6/10/2016	Fe-59	7.52E-01	1.09E+01	3.64E+01	U
TV	ONS3-V	399230002	6/10/2016	I-131	-1.34E+01	8.39E+00	2.38E+01	U
TV	ONS3-V	399230002	6/10/2016	K-40	2.25E+03	1.77E+02	1.71E+02	
TV	ONS3-V	399230002	6/10/2016	La-140	-4.61E+00	7.33E+00	2.34E+01	U
TV	ONS3-V	399230002	6/10/2016	Mn-54	2.63E+00	5.39E+00	1.76E+01	U
TV	ONS3-V	399230002	6/10/2016	Nb-95	-4.72E+00	7.84E+00	1.79E+01	U
TV	ONS3-V	399230002	6/10/2016	Ru-103	-2.13E+00	5.07E+00	1.66E+01	U
TV	ONS3-V	399230002	6/10/2016	Ru-106	-3.37E+01	5.09E+01	1.62E+02	U
TV	ONS3-V	399230002	6/10/2016	Sb-124	-1.55E+01	1.26E+01	3.69E+01	U
TV	ONS3-V	399230002	6/10/2016	Sb-125	2.02E+00	1.37E+01	4.63E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS3-V	399230002	6/10/2016	Se-75	-3.42E+00	6.97E+00	2.24E+01	U
TV	ONS3-V	399230002	6/10/2016	Th-228	-2.68E+01	1.36E+01	3.35E+01	U
TV	ONS3-V	399230002	6/10/2016	Zn-65	-7.80E+00	1.57E+01	3.84E+01	U
TV	ONS3-V	399230002	6/10/2016	Zr-95	1.06E+01	9.94E+00	3.26E+01	U
TV	ONS3-V	399230003	6/10/2016	Ac-228	3.15E+01	4.31E+01	8.16E+01	U
TV	ONS3-V	399230003	6/10/2016	Ag-108m	-4.17E+00	4.79E+00	1.51E+01	U
TV	ONS3-V	399230003	6/10/2016	Ag-110m	-3.06E+00	6.94E+00	2.27E+01	U
TV	ONS3-V	399230003	6/10/2016	Ba-140	2.97E+01	2.64E+01	7.65E+01	U
TV	ONS3-V	399230003	6/10/2016	Be-7	5.05E+02	8.39E+01	1.41E+02	
TV	ONS3-V	399230003	6/10/2016	Ce-141	-1.49E+01	1.16E+01	2.65E+01	U
TV	ONS3-V	399230003	6/10/2016	Ce-144	-3.93E+01	3.30E+01	1.01E+02	U
TV	ONS3-V	399230003	6/10/2016	Co-57	2.97E+00	4.10E+00	1.34E+01	U
TV	ONS3-V	399230003	6/10/2016	Co-58	9.64E+00	6.00E+00	1.97E+01	U
TV	ONS3-V	399230003	6/10/2016	Co-60	1.11E+01	1.05E+01	2.41E+01	U
TV	ONS3-V	399230003	6/10/2016	Cr-51	3.70E+01	4.66E+01	1.57E+02	U
TV	ONS3-V	399230003	6/10/2016	Cs-134	-9.79E+00	7.34E+00	1.95E+01	U
TV	ONS3-V	399230003	6/10/2016	Cs-137	-6.25E+00	6.15E+00	1.85E+01	U
TV	ONS3-V	399230003	6/10/2016	Fe-59	-1.70E-01	1.12E+01	3.69E+01	U
TV	ONS3-V	399230003	6/10/2016	I-131	1.11E+00	7.41E+00	2.48E+01	U
TV	ONS3-V	399230003	6/10/2016	K-40	4.00E+03	2.66E+02	1.72E+02	
TV	ONS3-V	399230003	6/10/2016	La-140	9.44E-01	6.82E+00	2.31E+01	U
TV	ONS3-V	399230003	6/10/2016	Mn-54	2.30E-01	5.26E+00	1.77E+01	U
TV	ONS3-V	399230003	6/10/2016	Nb-95	-1.39E+01	8.57E+00	1.82E+01	U
TV	ONS3-V	399230003	6/10/2016	Ru-103	-4.70E+00	5.19E+00	1.62E+01	U
TV	ONS3-V	399230003	6/10/2016	Ru-106	-4.03E+01	4.86E+01	1.50E+02	U
TV	ONS3-V	399230003	6/10/2016	Sb-124	-2.37E+00	1.06E+01	3.49E+01	U
TV	ONS3-V	399230003	6/10/2016	Sb-125	-3.64E+00	1.62E+01	4.66E+01	U
TV	ONS3-V	399230003	6/10/2016	Se-75	-6.15E-01	6.88E+00	2.33E+01	U
TV	ONS3-V	399230003	6/10/2016	Th-228	6.81E-01	1.41E+01	3.37E+01	U
TV	ONS3-V	399230003	6/10/2016	Zn-65	-1.07E+01	1.24E+01	3.84E+01	U
TV	ONS3-V	399230003	6/10/2016	Zr-95	-1.33E+01	9.82E+00	2.99E+01	U
TV	ONS1-V	399230004	6/10/2016	Ac-228	1.59E+01	2.58E+01	5.05E+01	U
TV	ONS1-V	399230004	6/10/2016	Ag-108m	7.79E-01	2.85E+00	9.19E+00	U
TV	ONS1-V	399230004	6/10/2016	Ag-110m	4.04E+00	4.23E+00	1.40E+01	U
TV	ONS1-V	399230004	6/10/2016	Ba-140	-9.12E+00	1.36E+01	4.41E+01	U
TV	ONS1-V	399230004	6/10/2016	Be-7	1.02E+03	7.30E+01	9.00E+01	
TV	ONS1-V	399230004	6/10/2016	Ce-141	4.01E+00	8.78E+00	1.78E+01	U
TV	ONS1-V	399230004	6/10/2016	Ce-144	6.57E+00	2.27E+01	6.76E+01	U
TV	ONS1-V	399230004	6/10/2016	Co-57	-1.18E+00	2.74E+00	9.10E+00	U
TV	ONS1-V	399230004	6/10/2016	Co-58	3.17E+00	3.72E+00	1.09E+01	U
TV	ONS1-V	399230004	6/10/2016	Co-60	6.96E-01	3.63E+00	1.22E+01	U
TV	ONS1-V	399230004	6/10/2016	Cr-51	-4.55E+01	3.13E+01	9.16E+01	U
TV	ONS1-V	399230004	6/10/2016	Cs-134	3.29E+00	3.42E+00	1.14E+01	U
TV	ONS1-V	399230004	6/10/2016	Cs-137	9.89E-01	3.61E+00	1.20E+01	U
TV	ONS1-V	399230004	6/10/2016	Fe-59	-3.86E+00	6.68E+00	2.17E+01	U
TV	ONS1-V	399230004	6/10/2016	I-131	3.15E+00	4.87E+00	1.58E+01	U
TV	ONS1-V	399230004	6/10/2016	K-40	2.38E+03	1.60E+02	9.79E+01	
TV	ONS1-V	399230004	6/10/2016	La-140	1.45E+00	4.17E+00	1.40E+01	U
TV	ONS1-V	399230004	6/10/2016	Mn-54	3.43E+00	3.36E+00	1.11E+01	U
TV	ONS1-V	399230004	6/10/2016	Nb-95	5.52E+00	3.46E+00	1.12E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS1-V	399230004	6/10/2016	Ru-103	-1.03E+00	3.19E+00	1.06E+01	U
TV	ONS1-V	399230004	6/10/2016	Ru-106	1.97E+01	2.96E+01	9.95E+01	U
TV	ONS1-V	399230004	6/10/2016	Sb-124	-4.06E+00	7.13E+00	2.21E+01	U
TV	ONS1-V	399230004	6/10/2016	Sb-125	-1.61E+00	8.60E+00	2.74E+01	U
TV	ONS1-V	399230004	6/10/2016	Se-75	-3.96E+00	6.07E+00	1.41E+01	U
TV	ONS1-V	399230004	6/10/2016	Th-228	-1.27E+01	9.38E+00	2.18E+01	U
TV	ONS1-V	399230004	6/10/2016	Zn-65	9.96E-01	7.66E+00	2.59E+01	U
TV	ONS1-V	399230004	6/10/2016	Zr-95	8.56E+00	5.96E+00	1.96E+01	U
TV	ONS1-V	399230005	6/10/2016	Ac-228	-1.39E+01	2.76E+01	7.61E+01	U
TV	ONS1-V	399230005	6/10/2016	Ag-108m	-2.18E+00	4.19E+00	1.33E+01	U
TV	ONS1-V	399230005	6/10/2016	Ag-110m	-6.01E+00	7.01E+00	2.18E+01	U
TV	ONS1-V	399230005	6/10/2016	Ba-140	1.88E+01	2.15E+01	6.99E+01	U
TV	ONS1-V	399230005	6/10/2016	Be-7	1.62E+03	9.84E+01	1.20E+02	
TV	ONS1-V	399230005	6/10/2016	Ce-141	1.24E+01	7.63E+00	2.35E+01	U
TV	ONS1-V	399230005	6/10/2016	Ce-144	-1.86E+01	2.61E+01	8.16E+01	U
TV	ONS1-V	399230005	6/10/2016	Co-57	4.51E+00	3.69E+00	1.18E+01	U
TV	ONS1-V	399230005	6/10/2016	Co-58	-1.03E+00	4.71E+00	1.55E+01	U
TV	ONS1-V	399230005	6/10/2016	Co-60	6.84E+00	6.29E+00	1.89E+01	U
TV	ONS1-V	399230005	6/10/2016	Cr-51	1.11E+02	5.55E+01	1.31E+02	U
TV	ONS1-V	399230005	6/10/2016	Cs-134	4.03E+00	5.88E+00	1.81E+01	U
TV	ONS1-V	399230005	6/10/2016	Cs-137	4.70E+00	5.10E+00	1.73E+01	U
TV	ONS1-V	399230005	6/10/2016	Fe-59	-8.91E+00	9.78E+00	2.95E+01	U
TV	ONS1-V	399230005	6/10/2016	I-131	7.48E+00	6.75E+00	2.22E+01	U
TV	ONS1-V	399230005	6/10/2016	K-40	2.68E+03	1.73E+02	1.57E+02	
TV	ONS1-V	399230005	6/10/2016	La-140	1.88E+00	7.53E+00	2.51E+01	U
TV	ONS1-V	399230005	6/10/2016	Mn-54	1.88E+00	4.85E+00	1.62E+01	U
TV	ONS1-V	399230005	6/10/2016	Nb-95	-3.92E+00	6.13E+00	1.58E+01	U
TV	ONS1-V	399230005	6/10/2016	Ru-103	2.76E-01	4.61E+00	1.49E+01	U
TV	ONS1-V	399230005	6/10/2016	Ru-106	6.20E+00	4.46E+01	1.51E+02	U
TV	ONS1-V	399230005	6/10/2016	Sb-124	4.82E+00	1.14E+01	3.84E+01	U
TV	ONS1-V	399230005	6/10/2016	Sb-125	-1.17E+01	1.30E+01	4.03E+01	U
TV	ONS1-V	399230005	6/10/2016	Se-75	1.07E+01	6.03E+00	1.93E+01	U
TV	ONS1-V	399230005	6/10/2016	Th-228	7.68E+00	1.41E+01	3.11E+01	U
TV	ONS1-V	399230005	6/10/2016	Zn-65	-1.59E+01	1.10E+01	3.11E+01	U
TV	ONS1-V	399230005	6/10/2016	Zr-95	-1.43E+01	9.13E+00	2.65E+01	U
TV	ONS1-V	399230006	6/10/2016	Ac-228	1.79E+01	2.82E+01	5.80E+01	U
TV	ONS1-V	399230006	6/10/2016	Ag-108m	-4.23E+00	4.52E+00	1.11E+01	U
TV	ONS1-V	399230006	6/10/2016	Ag-110m	9.12E-01	6.16E+00	1.79E+01	U
TV	ONS1-V	399230006	6/10/2016	Ba-140	3.18E+01	1.74E+01	5.31E+01	U
TV	ONS1-V	399230006	6/10/2016	Be-7	4.08E+02	5.76E+01	9.40E+01	
TV	ONS1-V	399230006	6/10/2016	Ce-141	-1.07E+01	8.84E+00	1.81E+01	U
TV	ONS1-V	399230006	6/10/2016	Ce-144	-2.07E+01	2.14E+01	6.95E+01	U
TV	ONS1-V	399230006	6/10/2016	Co-57	2.55E+00	3.18E+00	9.56E+00	U
TV	ONS1-V	399230006	6/10/2016	Co-58	-7.32E+00	4.09E+00	1.08E+01	U
TV	ONS1-V	399230006	6/10/2016	Co-60	-1.37E+01	6.53E+00	1.36E+01	U
TV	ONS1-V	399230006	6/10/2016	Cr-51	3.39E+01	3.29E+01	1.06E+02	U
TV	ONS1-V	399230006	6/10/2016	Cs-134	8.01E-01	4.50E+00	1.32E+01	U
TV	ONS1-V	399230006	6/10/2016	Cs-137	1.16E+00	3.62E+00	1.19E+01	U
TV	ONS1-V	399230006	6/10/2016	Fe-59	9.45E+00	8.52E+00	2.82E+01	U
TV	ONS1-V	399230006	6/10/2016	I-131	-5.75E+00	5.26E+00	1.57E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS1-V	399230006	6/10/2016	K-40	3.87E+03	2.19E+02	1.23E+02	
TV	ONS1-V	399230006	6/10/2016	La-140	-1.50E+00	4.74E+00	1.53E+01	U
TV	ONS1-V	399230006	6/10/2016	Mn-54	8.38E-02	3.71E+00	1.25E+01	U
TV	ONS1-V	399230006	6/10/2016	Nb-95	-2.77E+00	3.96E+00	1.22E+01	U
TV	ONS1-V	399230006	6/10/2016	Ru-103	-2.86E+00	3.70E+00	1.18E+01	U
TV	ONS1-V	399230006	6/10/2016	Ru-106	-2.71E+01	3.58E+01	1.12E+02	U
TV	ONS1-V	399230006	6/10/2016	Sb-124	7.29E+00	8.34E+00	2.85E+01	U
TV	ONS1-V	399230006	6/10/2016	Sb-125	-1.08E+01	9.63E+00	3.02E+01	U
TV	ONS1-V	399230006	6/10/2016	Se-75	-6.78E+00	5.10E+00	1.54E+01	U
TV	ONS1-V	399230006	6/10/2016	Th-228	6.35E+00	1.14E+01	2.65E+01	U
TV	ONS1-V	399230006	6/10/2016	Zn-65	-7.02E+00	9.52E+00	2.97E+01	U
TV	ONS1-V	399230006	6/10/2016	Zr-95	5.79E+00	6.64E+00	2.17E+01	U
TV	OFS2-V	399230007	6/10/2016	Ac-228	8.10E+00	3.00E+01	5.01E+01	U
TV	OFS2-V	399230007	6/10/2016	Ag-108m	-7.83E-01	2.90E+00	9.53E+00	U
TV	OFS2-V	399230007	6/10/2016	Ag-110m	3.12E+00	4.77E+00	1.61E+01	U
TV	OFS2-V	399230007	6/10/2016	Ba-140	-1.89E+01	1.53E+01	4.57E+01	U
TV	OFS2-V	399230007	6/10/2016	Be-7	4.38E+02	5.99E+01	9.12E+01	
TV	OFS2-V	399230007	6/10/2016	Ce-141	1.66E+01	9.18E+00	1.34E+01	UI
TV	OFS2-V	399230007	6/10/2016	Ce-144	2.59E+01	1.85E+01	6.02E+01	U
TV	OFS2-V	399230007	6/10/2016	Co-57	-4.99E+00	2.47E+00	6.90E+00	U
TV	OFS2-V	399230007	6/10/2016	Co-58	5.07E+00	3.42E+00	1.15E+01	U
TV	OFS2-V	399230007	6/10/2016	Co-60	1.92E+00	3.95E+00	1.18E+01	U
TV	OFS2-V	399230007	6/10/2016	Cr-51	-2.56E+01	2.81E+01	9.11E+01	U
TV	OFS2-V	399230007	6/10/2016	Cs-134	1.65E+00	3.88E+00	1.32E+01	U
TV	OFS2-V	399230007	6/10/2016	Cs-137	-8.09E-02	3.87E+00	1.25E+01	U
TV	OFS2-V	399230007	6/10/2016	Fe-59	1.35E+01	8.16E+00	2.66E+01	U
TV	OFS2-V	399230007	6/10/2016	I-131	-5.11E-01	4.35E+00	1.46E+01	U
TV	OFS2-V	399230007	6/10/2016	K-40	3.26E+03	1.67E+02	1.15E+02	
TV	OFS2-V	399230007	6/10/2016	La-140	2.58E+00	5.37E+00	1.81E+01	U
TV	OFS2-V	399230007	6/10/2016	Mn-54	-7.77E+00	3.98E+00	1.08E+01	U
TV	OFS2-V	399230007	6/10/2016	Nb-95	-2.42E+00	4.75E+00	1.26E+01	U
TV	OFS2-V	399230007	6/10/2016	Ru-103	-4.91E+00	3.44E+00	1.01E+01	U
TV	OFS2-V	399230007	6/10/2016	Ru-106	3.65E+01	3.48E+01	1.14E+02	U
TV	OFS2-V	399230007	6/10/2016	Sb-124	1.43E+01	8.48E+00	2.89E+01	U
TV	OFS2-V	399230007	6/10/2016	Sb-125	-3.41E+00	8.98E+00	2.94E+01	U
TV	OFS2-V	399230007	6/10/2016	Se-75	3.19E-01	4.04E+00	1.29E+01	U
TV	OFS2-V	399230007	6/10/2016	Th-228	-1.76E+00	8.67E+00	2.05E+01	U
TV	OFS2-V	399230007	6/10/2016	Zn-65	-2.09E+00	7.97E+00	2.56E+01	U
TV	OFS2-V	399230007	6/10/2016	Zr-95	3.39E+00	6.84E+00	2.05E+01	U
TV	ONS3-V	401692001	7/14/2016	Ac-228	1.92E+01	2.08E+01	4.28E+01	U
TV	ONS3-V	401692001	7/14/2016	Ag-108m	-1.32E+00	2.37E+00	7.52E+00	U
TV	ONS3-V	401692001	7/14/2016	Ag-110m	-6.10E+00	3.99E+00	1.14E+01	U
TV	ONS3-V	401692001	7/14/2016	Ba-140	-1.45E+01	1.33E+01	3.98E+01	U
TV	ONS3-V	401692001	7/14/2016	Be-7	1.41E+03	8.14E+01	7.54E+01	
TV	ONS3-V	401692001	7/14/2016	Ce-141	5.67E-01	6.80E+00	1.39E+01	U
TV	ONS3-V	401692001	7/14/2016	Ce-144	-3.22E+00	1.56E+01	5.00E+01	U
TV	ONS3-V	401692001	7/14/2016	Co-57	-3.48E+00	2.99E+00	6.59E+00	U
TV	ONS3-V	401692001	7/14/2016	Co-58	7.44E-01	2.56E+00	8.52E+00	U
TV	ONS3-V	401692001	7/14/2016	Co-60	-4.10E+00	2.91E+00	8.44E+00	U
TV	ONS3-V	401692001	7/14/2016	Cr-51	-4.89E+01	2.62E+01	7.46E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS3-V	401692001	7/14/2016	Cs-134	-2.63E+00	2.77E+00	8.56E+00	U
TV	ONS3-V	401692001	7/14/2016	Cs-137	-3.50E+00	2.80E+00	8.56E+00	U
TV	ONS3-V	401692001	7/14/2016	Fe-59	-3.95E-02	5.50E+00	1.77E+01	U
TV	ONS3-V	401692001	7/14/2016	I-131	9.16E-01	4.05E+00	1.34E+01	U
TV	ONS3-V	401692001	7/14/2016	K-40	1.23E+03	1.08E+02	8.58E+01	
TV	ONS3-V	401692001	7/14/2016	La-140	-3.13E+00	3.75E+00	1.14E+01	U
TV	ONS3-V	401692001	7/14/2016	Mn-54	4.30E-01	2.64E+00	8.72E+00	U
TV	ONS3-V	401692001	7/14/2016	Nb-95	2.04E+00	2.74E+00	9.15E+00	U
TV	ONS3-V	401692001	7/14/2016	Ru-103	1.71E+00	2.81E+00	9.14E+00	U
TV	ONS3-V	401692001	7/14/2016	Ru-106	2.93E+01	2.45E+01	8.17E+01	U
TV	ONS3-V	401692001	7/14/2016	Sb-124	1.36E+00	6.14E+00	2.03E+01	U
TV	ONS3-V	401692001	7/14/2016	Sb-125	1.17E+01	7.56E+00	2.40E+01	U
TV	ONS3-V	401692001	7/14/2016	Se-75	-2.14E+00	3.47E+00	1.14E+01	U
TV	ONS3-V	401692001	7/14/2016	Th-228	7.97E+00	8.46E+00	1.79E+01	U
TV	ONS3-V	401692001	7/14/2016	Zn-65	2.00E+00	5.84E+00	1.90E+01	U
TV	ONS3-V	401692001	7/14/2016	Zr-95	1.25E+00	4.60E+00	1.54E+01	U
TV	ONS3-V	401692002	7/14/2016	Ac-228	2.28E+01	1.80E+01	3.58E+01	U
TV	ONS3-V	401692002	7/14/2016	Ag-108m	-1.75E+00	2.20E+00	6.88E+00	U
TV	ONS3-V	401692002	7/14/2016	Ag-110m	-5.50E-01	3.52E+00	1.14E+01	U
TV	ONS3-V	401692002	7/14/2016	Ba-140	1.10E+01	1.14E+01	3.64E+01	U
TV	ONS3-V	401692002	7/14/2016	Be-7	1.14E+03	7.22E+01	6.71E+01	
TV	ONS3-V	401692002	7/14/2016	Ce-141	3.12E+00	6.20E+00	1.17E+01	U
TV	ONS3-V	401692002	7/14/2016	Ce-144	-7.07E+00	1.46E+01	4.69E+01	U
TV	ONS3-V	401692002	7/14/2016	Co-57	7.99E-01	1.81E+00	5.93E+00	U
TV	ONS3-V	401692002	7/14/2016	Co-58	2.73E-01	2.45E+00	8.06E+00	U
TV	ONS3-V	401692002	7/14/2016	Co-60	-2.44E+00	2.74E+00	8.48E+00	U
TV	ONS3-V	401692002	7/14/2016	Cr-51	-2.65E+01	2.17E+01	6.72E+01	U
TV	ONS3-V	401692002	7/14/2016	Cs-134	-3.98E+00	2.77E+00	8.10E+00	U
TV	ONS3-V	401692002	7/14/2016	Cs-137	2.33E+00	4.84E+00	8.09E+00	U
TV	ONS3-V	401692002	7/14/2016	Fe-59	-2.54E+00	5.15E+00	1.68E+01	U
TV	ONS3-V	401692002	7/14/2016	I-131	-1.16E+00	3.80E+00	1.24E+01	U
TV	ONS3-V	401692002	7/14/2016	K-40	3.31E+03	1.79E+02	8.25E+01	
TV	ONS3-V	401692002	7/14/2016	La-140	5.06E+00	3.75E+00	1.24E+01	U
TV	ONS3-V	401692002	7/14/2016	Mn-54	-2.86E+00	2.61E+00	7.94E+00	U
TV	ONS3-V	401692002	7/14/2016	Nb-95	1.67E+00	2.84E+00	8.23E+00	U
TV	ONS3-V	401692002	7/14/2016	Ru-103	-2.64E+00	2.59E+00	7.87E+00	U
TV	ONS3-V	401692002	7/14/2016	Ru-106	-4.71E+01	2.42E+01	6.78E+01	U
TV	ONS3-V	401692002	7/14/2016	Sb-124	-4.23E+00	1.04E+01	1.93E+01	U
TV	ONS3-V	401692002	7/14/2016	Sb-125	4.42E+00	6.72E+00	2.19E+01	U
TV	ONS3-V	401692002	7/14/2016	Se-75	9.02E-01	3.23E+00	1.09E+01	U
TV	ONS3-V	401692002	7/14/2016	Th-228	-4.64E+00	6.45E+00	1.59E+01	U
TV	ONS3-V	401692002	7/14/2016	Zn-65	-7.61E+00	6.12E+00	1.86E+01	U
TV	ONS3-V	401692002	7/14/2016	Zr-95	1.27E+01	1.01E+01	1.50E+01	U
TV	ONS3-V	401692003	7/14/2016	Ac-228	3.12E+01	3.41E+01	7.44E+01	U
TV	ONS3-V	401692003	7/14/2016	Ag-108m	-2.49E+00	4.11E+00	1.31E+01	U
TV	ONS3-V	401692003	7/14/2016	Ag-110m	3.18E+00	8.10E+00	2.33E+01	U
TV	ONS3-V	401692003	7/14/2016	Ba-140	4.13E+01	2.39E+01	7.44E+01	U
TV	ONS3-V	401692003	7/14/2016	Be-7	1.55E+03	7.76E+01	1.35E+02	
TV	ONS3-V	401692003	7/14/2016	Ce-141	-8.20E+00	7.23E+00	1.71E+01	U
TV	ONS3-V	401692003	7/14/2016	Ce-144	-4.19E+00	2.01E+01	6.50E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS3-V	401692003	7/14/2016	Co-57	-1.98E-01	2.40E+00	7.78E+00	U
TV	ONS3-V	401692003	7/14/2016	Co-58	-8.39E+00	5.27E+00	1.54E+01	U
TV	ONS3-V	401692003	7/14/2016	Co-60	-9.59E-01	5.04E+00	1.67E+01	U
TV	ONS3-V	401692003	7/14/2016	Cr-51	5.57E+01	4.00E+01	1.29E+02	U
TV	ONS3-V	401692003	7/14/2016	Cs-134	5.85E+00	5.68E+00	1.89E+01	U
TV	ONS3-V	401692003	7/14/2016	Cs-137	1.01E+01	7.17E+00	1.67E+01	U
TV	ONS3-V	401692003	7/14/2016	Fe-59	2.28E+00	1.05E+01	3.44E+01	U
TV	ONS3-V	401692003	7/14/2016	I-131	-3.61E+00	7.50E+00	2.10E+01	U
TV	ONS3-V	401692003	7/14/2016	K-40	2.58E+03	1.68E+02	1.50E+02	
TV	ONS3-V	401692003	7/14/2016	La-140	3.07E+01	8.55E+00	2.23E+01	UI
TV	ONS3-V	401692003	7/14/2016	Mn-54	-2.22E+00	4.82E+00	1.56E+01	U
TV	ONS3-V	401692003	7/14/2016	Nb-95	5.01E+00	5.14E+00	1.71E+01	U
TV	ONS3-V	401692003	7/14/2016	Ru-103	-4.84E+00	4.87E+00	1.50E+01	U
TV	ONS3-V	401692003	7/14/2016	Ru-106	2.57E+01	4.28E+01	1.45E+02	U
TV	ONS3-V	401692003	7/14/2016	Sb-124	6.44E+00	1.03E+01	3.47E+01	U
TV	ONS3-V	401692003	7/14/2016	Sb-125	1.77E+01	1.32E+01	4.24E+01	U
TV	ONS3-V	401692003	7/14/2016	Se-75	6.35E-01	5.14E+00	1.72E+01	U
TV	ONS3-V	401692003	7/14/2016	Th-228	1.47E+01	1.10E+01	2.66E+01	U
TV	ONS3-V	401692003	7/14/2016	Zn-65	-4.07E+01	1.53E+01	3.47E+01	U
TV	ONS3-V	401692003	7/14/2016	Zr-95	-1.33E+01	1.02E+01	2.84E+01	U
TV	ONS1-V	401692004	7/14/2016	Ac-228	2.24E+01	2.64E+01	4.96E+01	U
TV	ONS1-V	401692004	7/14/2016	Ag-108m	-3.05E+00	2.84E+00	8.65E+00	U
TV	ONS1-V	401692004	7/14/2016	Ag-110m	-1.05E+00	5.01E+00	1.40E+01	U
TV	ONS1-V	401692004	7/14/2016	Ba-140	5.06E-01	1.37E+01	4.63E+01	U
TV	ONS1-V	401692004	7/14/2016	Be-7	2.56E+03	9.25E+01	9.72E+01	
TV	ONS1-V	401692004	7/14/2016	Ce-141	4.82E-01	6.19E+00	1.49E+01	U
TV	ONS1-V	401692004	7/14/2016	Ce-144	3.06E+00	1.74E+01	5.57E+01	U
TV	ONS1-V	401692004	7/14/2016	Co-57	-1.02E+01	3.98E+00	7.07E+00	U
TV	ONS1-V	401692004	7/14/2016	Co-58	-2.90E+00	3.18E+00	9.92E+00	U
TV	ONS1-V	401692004	7/14/2016	Co-60	-1.64E+01	1.07E+01	1.20E+01	U
TV	ONS1-V	401692004	7/14/2016	Cr-51	4.26E+01	3.02E+01	9.66E+01	U
TV	ONS1-V	401692004	7/14/2016	Cs-134	4.18E+00	3.76E+00	1.24E+01	U
TV	ONS1-V	401692004	7/14/2016	Cs-137	9.50E+00	4.96E+00	1.13E+01	U
TV	ONS1-V	401692004	7/14/2016	Fe-59	-8.38E-01	7.19E+00	2.30E+01	U
TV	ONS1-V	401692004	7/14/2016	I-131	-3.12E+00	4.85E+00	1.55E+01	U
TV	ONS1-V	401692004	7/14/2016	K-40	3.84E+03	1.64E+02	9.38E+01	
TV	ONS1-V	401692004	7/14/2016	La-140	-6.36E+00	4.89E+00	1.42E+01	U
TV	ONS1-V	401692004	7/14/2016	Mn-54	-4.64E+00	3.50E+00	1.05E+01	U
TV	ONS1-V	401692004	7/14/2016	Nb-95	1.94E+00	3.17E+00	1.06E+01	U
TV	ONS1-V	401692004	7/14/2016	Ru-103	-6.45E+00	3.78E+00	1.06E+01	U
TV	ONS1-V	401692004	7/14/2016	Ru-106	-2.75E+01	3.00E+01	9.58E+01	U
TV	ONS1-V	401692004	7/14/2016	Sb-124	-8.12E+00	8.04E+00	1.97E+01	U
TV	ONS1-V	401692004	7/14/2016	Sb-125	8.79E-01	8.81E+00	2.86E+01	U
TV	ONS1-V	401692004	7/14/2016	Se-75	5.44E+00	4.37E+00	1.42E+01	U
TV	ONS1-V	401692004	7/14/2016	Th-228	1.93E+00	7.57E+00	1.96E+01	U
TV	ONS1-V	401692004	7/14/2016	Zn-65	1.03E+01	7.96E+00	2.69E+01	U
TV	ONS1-V	401692004	7/14/2016	Zr-95	7.08E+00	6.04E+00	1.99E+01	U
TV	ONS1-V	401692005	7/14/2016	Ac-228	6.16E+00	2.37E+01	4.94E+01	U
TV	ONS1-V	401692005	7/14/2016	Ag-108m	2.63E+00	2.69E+00	8.92E+00	U
TV	ONS1-V	401692005	7/14/2016	Ag-110m	7.76E+00	4.79E+00	1.54E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS1-V	401692005	7/14/2016	Ba-140	1.56E+01	1.46E+01	4.75E+01	U
TV	ONS1-V	401692005	7/14/2016	Be-7	9.77E+02	6.97E+01	8.27E+01	
TV	ONS1-V	401692005	7/14/2016	Ce-141	2.94E+00	7.63E+00	1.23E+01	U
TV	ONS1-V	401692005	7/14/2016	Ce-144	1.03E+01	1.44E+01	4.85E+01	U
TV	ONS1-V	401692005	7/14/2016	Co-57	-2.07E-01	1.90E+00	6.00E+00	U
TV	ONS1-V	401692005	7/14/2016	Co-58	-4.56E-01	3.69E+00	1.01E+01	U
TV	ONS1-V	401692005	7/14/2016	Co-60	4.44E-01	3.20E+00	1.06E+01	U
TV	ONS1-V	401692005	7/14/2016	Cr-51	-2.49E+01	2.81E+01	8.66E+01	U
TV	ONS1-V	401692005	7/14/2016	Cs-134	3.03E+00	3.51E+00	1.17E+01	U
TV	ONS1-V	401692005	7/14/2016	Cs-137	2.14E+00	3.43E+00	1.11E+01	U
TV	ONS1-V	401692005	7/14/2016	Fe-59	-7.65E+00	6.40E+00	1.87E+01	U
TV	ONS1-V	401692005	7/14/2016	I-131	-1.00E+00	4.37E+00	1.46E+01	U
TV	ONS1-V	401692005	7/14/2016	K-40	1.44E+03	1.18E+02	9.97E+01	
TV	ONS1-V	401692005	7/14/2016	La-140	-8.09E+00	5.40E+00	1.51E+01	U
TV	ONS1-V	401692005	7/14/2016	Mn-54	-6.89E+00	3.92E+00	9.20E+00	U
TV	ONS1-V	401692005	7/14/2016	Nb-95	5.41E+00	3.39E+00	1.10E+01	U
TV	ONS1-V	401692005	7/14/2016	Ru-103	-2.57E+00	3.08E+00	9.72E+00	U
TV	ONS1-V	401692005	7/14/2016	Ru-106	-1.43E+01	2.96E+01	9.40E+01	U
TV	ONS1-V	401692005	7/14/2016	Sb-124	-3.54E+00	7.30E+00	2.36E+01	U
TV	ONS1-V	401692005	7/14/2016	Sb-125	-1.23E+01	8.41E+00	2.54E+01	U
TV	ONS1-V	401692005	7/14/2016	Se-75	-5.09E+00	3.86E+00	1.17E+01	U
TV	ONS1-V	401692005	7/14/2016	Th-228	-7.53E+00	6.85E+00	1.77E+01	U
TV	ONS1-V	401692005	7/14/2016	Zn-65	4.75E+00	8.00E+00	2.26E+01	U
TV	ONS1-V	401692005	7/14/2016	Zr-95	1.17E+01	5.90E+00	1.86E+01	U
TV	ONS1-V	401692006	7/14/2016	Ac-228	2.02E+01	1.73E+01	3.52E+01	U
TV	ONS1-V	401692006	7/14/2016	Ag-108m	6.24E-02	2.00E+00	6.41E+00	U
TV	ONS1-V	401692006	7/14/2016	Ag-110m	7.91E-01	3.18E+00	1.03E+01	U
TV	ONS1-V	401692006	7/14/2016	Ba-140	2.86E+00	9.84E+00	3.31E+01	U
TV	ONS1-V	401692006	7/14/2016	Be-7	4.71E+02	3.84E+01	6.27E+01	
TV	ONS1-V	401692006	7/14/2016	Ce-141	2.99E+00	5.19E+00	1.01E+01	U
TV	ONS1-V	401692006	7/14/2016	Ce-144	1.74E+01	1.27E+01	3.92E+01	U
TV	ONS1-V	401692006	7/14/2016	Co-57	6.94E-01	1.60E+00	5.12E+00	U
TV	ONS1-V	401692006	7/14/2016	Co-58	-3.49E+00	2.49E+00	7.33E+00	U
TV	ONS1-V	401692006	7/14/2016	Co-60	-2.35E+00	2.57E+00	7.93E+00	U
TV	ONS1-V	401692006	7/14/2016	Cr-51	-6.75E+00	1.87E+01	6.05E+01	U
TV	ONS1-V	401692006	7/14/2016	Cs-134	1.17E+00	3.00E+00	8.53E+00	U
TV	ONS1-V	401692006	7/14/2016	Cs-137	1.16E+00	2.45E+00	8.14E+00	U
TV	ONS1-V	401692006	7/14/2016	Fe-59	5.06E+00	5.20E+00	1.72E+01	U
TV	ONS1-V	401692006	7/14/2016	I-131	-3.16E+00	3.34E+00	1.04E+01	U
TV	ONS1-V	401692006	7/14/2016	K-40	3.32E+03	1.83E+02	6.24E+01	
TV	ONS1-V	401692006	7/14/2016	La-140	-3.09E+00	3.34E+00	1.05E+01	U
TV	ONS1-V	401692006	7/14/2016	Mn-54	-1.44E+00	2.27E+00	7.15E+00	U
TV	ONS1-V	401692006	7/14/2016	Nb-95	2.96E+00	2.21E+00	7.53E+00	U
TV	ONS1-V	401692006	7/14/2016	Ru-103	-2.52E-01	3.45E+00	6.78E+00	U
TV	ONS1-V	401692006	7/14/2016	Ru-106	-7.67E+00	2.00E+01	6.55E+01	U
TV	ONS1-V	401692006	7/14/2016	Sb-124	9.27E-01	5.13E+00	1.72E+01	U
TV	ONS1-V	401692006	7/14/2016	Sb-125	4.21E+00	5.99E+00	1.93E+01	U
TV	ONS1-V	401692006	7/14/2016	Se-75	-4.02E+00	2.87E+00	8.75E+00	U
TV	ONS1-V	401692006	7/14/2016	Th-228	1.20E+00	6.93E+00	1.32E+01	U
TV	ONS1-V	401692006	7/14/2016	Zn-65	-1.29E+01	6.16E+00	1.61E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS1-V	401692006	7/14/2016	Zr-95	4.88E-01	4.01E+00	1.32E+01	U
TV	OFS2-V	401692007	7/14/2016	Ac-228	7.17E-01	1.53E+01	3.41E+01	U
TV	OFS2-V	401692007	7/14/2016	Ag-108m	-1.88E+00	2.01E+00	6.46E+00	U
TV	OFS2-V	401692007	7/14/2016	Ag-110m	-4.52E+00	3.60E+00	9.37E+00	U
TV	OFS2-V	401692007	7/14/2016	Ba-140	4.71E+00	9.31E+00	3.11E+01	U
TV	OFS2-V	401692007	7/14/2016	Be-7	7.00E+02	4.90E+01	6.27E+01	
TV	OFS2-V	401692007	7/14/2016	Ce-141	8.19E+00	5.75E+00	1.06E+01	U
TV	OFS2-V	401692007	7/14/2016	Ce-144	1.39E+01	1.34E+01	4.44E+01	U
TV	OFS2-V	401692007	7/14/2016	Co-57	3.68E-01	1.65E+00	5.61E+00	U
TV	OFS2-V	401692007	7/14/2016	Co-58	-3.45E-01	2.51E+00	6.95E+00	U
TV	OFS2-V	401692007	7/14/2016	Co-60	2.65E+00	2.60E+00	8.59E+00	U
TV	OFS2-V	401692007	7/14/2016	Cr-51	2.80E+00	2.01E+01	6.52E+01	U
TV	OFS2-V	401692007	7/14/2016	Cs-134	-1.84E+00	2.86E+00	7.65E+00	U
TV	OFS2-V	401692007	7/14/2016	Cs-137	-3.31E+00	3.84E+00	9.66E+00	U
TV	OFS2-V	401692007	7/14/2016	Fe-59	4.88E-01	5.05E+00	1.45E+01	U
TV	OFS2-V	401692007	7/14/2016	I-131	8.67E-01	3.48E+00	1.12E+01	U
TV	OFS2-V	401692007	7/14/2016	K-40	2.48E+03	1.38E+02	7.22E+01	
TV	OFS2-V	401692007	7/14/2016	La-140	-2.23E+00	3.03E+00	9.62E+00	U
TV	OFS2-V	401692007	7/14/2016	Mn-54	-4.39E+00	2.52E+00	6.96E+00	U
TV	OFS2-V	401692007	7/14/2016	Nb-95	4.68E+00	2.50E+00	7.75E+00	U
TV	OFS2-V	401692007	7/14/2016	Ru-103	-1.40E-01	2.18E+00	7.27E+00	U
TV	OFS2-V	401692007	7/14/2016	Ru-106	-2.28E+01	2.00E+01	6.14E+01	U
TV	OFS2-V	401692007	7/14/2016	Sb-124	2.42E+00	5.03E+00	1.49E+01	U
TV	OFS2-V	401692007	7/14/2016	Sb-125	-7.10E+00	6.06E+00	1.91E+01	U
TV	OFS2-V	401692007	7/14/2016	Se-75	2.65E+00	2.98E+00	9.68E+00	U
TV	OFS2-V	401692007	7/14/2016	Th-228	-4.15E+00	5.94E+00	1.37E+01	U
TV	OFS2-V	401692007	7/14/2016	Zn-65	-8.49E+00	6.46E+00	1.62E+01	U
TV	OFS2-V	401692007	7/14/2016	Zr-95	-2.02E+00	6.14E+00	1.30E+01	U
TV	ONS2-V	404202001	8/18/2016	Ac-228	-2.72E+01	1.89E+01	3.94E+01	U
TV	ONS2-V	404202001	8/18/2016	Ag-108m	1.56E+00	2.14E+00	7.27E+00	U
TV	ONS2-V	404202001	8/18/2016	Ag-110m	-1.53E+00	3.47E+00	1.08E+01	U
TV	ONS2-V	404202001	8/18/2016	Ba-140	-1.34E+00	1.21E+01	4.02E+01	U
TV	ONS2-V	404202001	8/18/2016	Be-7	2.20E+03	8.45E+01	7.16E+01	
TV	ONS2-V	404202001	8/18/2016	Ce-141	-3.23E+00	3.82E+00	1.20E+01	U
TV	ONS2-V	404202001	8/18/2016	Ce-144	2.79E+00	1.31E+01	4.30E+01	U
TV	ONS2-V	404202001	8/18/2016	Co-57	-8.29E-01	1.77E+00	5.74E+00	U
TV	ONS2-V	404202001	8/18/2016	Co-58	4.90E-01	2.54E+00	8.25E+00	U
TV	ONS2-V	404202001	8/18/2016	Co-60	-3.41E-01	2.66E+00	8.79E+00	U
TV	ONS2-V	404202001	8/18/2016	Cr-51	-1.23E+01	2.07E+01	6.94E+01	U
TV	ONS2-V	404202001	8/18/2016	Cs-134	-1.02E+00	2.84E+00	8.99E+00	U
TV	ONS2-V	404202001	8/18/2016	Cs-137	4.25E+00	5.26E+00	8.29E+00	U
TV	ONS2-V	404202001	8/18/2016	Fe-59	2.49E+01	1.04E+01	1.65E+01	UI
TV	ONS2-V	404202001	8/18/2016	I-131	-6.82E-01	4.11E+00	1.40E+01	U
TV	ONS2-V	404202001	8/18/2016	K-40	1.97E+03	1.14E+02	6.06E+01	
TV	ONS2-V	404202001	8/18/2016	La-140	-8.83E+00	4.08E+00	9.20E+00	U
TV	ONS2-V	404202001	8/18/2016	Mn-54	4.98E-01	2.35E+00	7.62E+00	U
TV	ONS2-V	404202001	8/18/2016	Nb-95	-3.19E-01	2.34E+00	7.54E+00	U
TV	ONS2-V	404202001	8/18/2016	Ru-103	-3.71E+00	2.57E+00	7.71E+00	U
TV	ONS2-V	404202001	8/18/2016	Ru-106	-1.03E+01	2.23E+01	7.17E+01	U
TV	ONS2-V	404202001	8/18/2016	Sb-124	-4.60E+00	6.75E+00	1.77E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS2-V	404202001	8/18/2016	Sb-125	-4.57E+00	9.13E+00	2.15E+01	U
TV	ONS2-V	404202001	8/18/2016	Se-75	2.18E-01	3.18E+00	1.00E+01	U
TV	ONS2-V	404202001	8/18/2016	Th-228	-6.29E+00	6.91E+00	1.68E+01	U
TV	ONS2-V	404202001	8/18/2016	Zn-65	1.90E+01	1.05E+01	1.71E+01	UI
TV	ONS2-V	404202001	8/18/2016	Zr-95	2.80E+00	4.28E+00	1.41E+01	U
TV	ONS2-V	404202002	8/18/2016	Ac-228	9.53E+01	3.22E+01	4.19E+01	UI
TV	ONS2-V	404202002	8/18/2016	Ag-108m	5.61E-02	2.24E+00	7.18E+00	U
TV	ONS2-V	404202002	8/18/2016	Ag-110m	-1.35E-01	3.15E+00	1.06E+01	U
TV	ONS2-V	404202002	8/18/2016	Ba-140	8.25E+00	1.29E+01	4.16E+01	U
TV	ONS2-V	404202002	8/18/2016	Be-7	6.98E+02	6.17E+01	7.33E+01	
TV	ONS2-V	404202002	8/18/2016	Ce-141	3.09E+00	4.15E+00	1.24E+01	U
TV	ONS2-V	404202002	8/18/2016	Ce-144	-9.85E+00	1.46E+01	4.51E+01	U
TV	ONS2-V	404202002	8/18/2016	Co-57	1.61E+00	1.90E+00	6.29E+00	U
TV	ONS2-V	404202002	8/18/2016	Co-58	8.38E-01	2.45E+00	8.33E+00	U
TV	ONS2-V	404202002	8/18/2016	Co-60	2.43E+00	2.78E+00	9.33E+00	U
TV	ONS2-V	404202002	8/18/2016	Cr-51	1.04E+01	2.29E+01	7.47E+01	U
TV	ONS2-V	404202002	8/18/2016	Cs-134	7.81E+00	3.19E+00	9.65E+00	U
TV	ONS2-V	404202002	8/18/2016	Cs-137	3.72E+01	5.57E+00	8.13E+00	M
TV	ONS2-V	404202002	8/18/2016	Fe-59	4.14E+00	5.08E+00	1.71E+01	U
TV	ONS2-V	404202002	8/18/2016	I-131	-3.45E+00	4.17E+00	1.29E+01	U
TV	ONS2-V	404202002	8/18/2016	K-40	2.72E+03	1.86E+02	9.23E+01	
TV	ONS2-V	404202002	8/18/2016	La-140	-2.97E+00	3.97E+00	1.22E+01	U
TV	ONS2-V	404202002	8/18/2016	Mn-54	6.14E-01	2.39E+00	8.10E+00	U
TV	ONS2-V	404202002	8/18/2016	Nb-95	4.43E+00	2.64E+00	8.68E+00	U
TV	ONS2-V	404202002	8/18/2016	Ru-103	4.21E-02	2.56E+00	8.19E+00	U
TV	ONS2-V	404202002	8/18/2016	Ru-106	-1.09E+01	2.32E+01	7.18E+01	U
TV	ONS2-V	404202002	8/18/2016	Sb-124	9.30E-01	5.23E+00	1.72E+01	U
TV	ONS2-V	404202002	8/18/2016	Sb-125	-3.44E-01	6.53E+00	2.09E+01	U
TV	ONS2-V	404202002	8/18/2016	Se-75	-6.19E-01	2.87E+00	9.29E+00	U
TV	ONS2-V	404202002	8/18/2016	Th-228	3.41E+00	7.60E+00	1.59E+01	U
TV	ONS2-V	404202002	8/18/2016	Zn-65	-1.38E+01	7.08E+00	1.57E+01	U
TV	ONS2-V	404202002	8/18/2016	Zr-95	-6.12E-01	4.16E+00	1.40E+01	U
TV	ONS2-V	404202003	8/18/2016	Ac-228	2.91E+01	2.53E+01	4.37E+01	U
TV	ONS2-V	404202003	8/18/2016	Ag-108m	2.31E-02	2.10E+00	7.03E+00	U
TV	ONS2-V	404202003	8/18/2016	Ag-110m	-1.69E+00	3.35E+00	1.03E+01	U
TV	ONS2-V	404202003	8/18/2016	Ba-140	9.78E+00	1.18E+01	3.91E+01	U
TV	ONS2-V	404202003	8/18/2016	Be-7	2.28E+03	1.19E+02	6.45E+01	
TV	ONS2-V	404202003	8/18/2016	Ce-141	8.97E-01	7.93E+00	1.16E+01	U
TV	ONS2-V	404202003	8/18/2016	Ce-144	-1.97E+01	1.93E+01	4.64E+01	U
TV	ONS2-V	404202003	8/18/2016	Co-57	1.10E-01	1.95E+00	5.89E+00	U
TV	ONS2-V	404202003	8/18/2016	Co-58	2.23E+00	2.65E+00	7.77E+00	U
TV	ONS2-V	404202003	8/18/2016	Co-60	1.32E+00	2.74E+00	9.18E+00	U
TV	ONS2-V	404202003	8/18/2016	Cr-51	1.21E+01	2.19E+01	7.49E+01	U
TV	ONS2-V	404202003	8/18/2016	Cs-134	-9.04E-01	2.67E+00	8.38E+00	U
TV	ONS2-V	404202003	8/18/2016	Cs-137	4.82E+00	2.71E+00	8.59E+00	U
TV	ONS2-V	404202003	8/18/2016	Fe-59	4.66E+00	4.84E+00	1.64E+01	U
TV	ONS2-V	404202003	8/18/2016	I-131	-2.13E+00	4.32E+00	1.43E+01	U
TV	ONS2-V	404202003	8/18/2016	K-40	1.13E+03	9.38E+01	7.09E+01	
TV	ONS2-V	404202003	8/18/2016	La-140	0.00E+00	0.00E+00	1.39E+01	U
TV	ONS2-V	404202003	8/18/2016	Mn-54	2.40E+00	2.21E+00	7.16E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS2-V	404202003	8/18/2016	Nb-95	6.03E-01	2.50E+00	8.08E+00	U
TV	ONS2-V	404202003	8/18/2016	Ru-103	3.20E+00	2.69E+00	8.08E+00	U
TV	ONS2-V	404202003	8/18/2016	Ru-106	1.71E+01	2.19E+01	6.54E+01	U
TV	ONS2-V	404202003	8/18/2016	Sb-124	2.87E-01	4.25E+00	1.38E+01	U
TV	ONS2-V	404202003	8/18/2016	Sb-125	7.79E+00	6.74E+00	2.24E+01	U
TV	ONS2-V	404202003	8/18/2016	Se-75	-5.04E+00	4.68E+00	1.09E+01	U
TV	ONS2-V	404202003	8/18/2016	Th-228	7.74E-02	7.92E+00	1.63E+01	U
TV	ONS2-V	404202003	8/18/2016	Zn-65	-3.55E-02	5.37E+00	1.58E+01	U
TV	ONS2-V	404202003	8/18/2016	Zr-95	-7.16E+00	4.70E+00	1.31E+01	U
TV	ONS3-V	404202004	8/18/2016	Ac-228	-2.48E+00	1.21E+01	4.02E+01	U
TV	ONS3-V	404202004	8/18/2016	Ag-108m	8.56E-01	2.30E+00	7.74E+00	U
TV	ONS3-V	404202004	8/18/2016	Ag-110m	1.09E+00	4.36E+00	1.31E+01	U
TV	ONS3-V	404202004	8/18/2016	Ba-140	-1.36E+01	1.58E+01	4.69E+01	U
TV	ONS3-V	404202004	8/18/2016	Be-7	2.09E+03	8.96E+01	8.01E+01	
TV	ONS3-V	404202004	8/18/2016	Ce-141	-1.12E+01	4.28E+00	1.05E+01	U
TV	ONS3-V	404202004	8/18/2016	Ce-144	5.38E+00	1.21E+01	4.03E+01	U
TV	ONS3-V	404202004	8/18/2016	Co-57	-1.45E+00	1.55E+00	4.97E+00	U
TV	ONS3-V	404202004	8/18/2016	Co-58	2.36E+00	2.79E+00	9.59E+00	U
TV	ONS3-V	404202004	8/18/2016	Co-60	-3.04E+00	3.15E+00	9.33E+00	U
TV	ONS3-V	404202004	8/18/2016	Cr-51	-3.77E+01	3.84E+01	8.39E+01	U
TV	ONS3-V	404202004	8/18/2016	Cs-134	-1.79E+00	3.09E+00	1.02E+01	U
TV	ONS3-V	404202004	8/18/2016	Cs-137	2.03E+00	3.13E+00	1.02E+01	U
TV	ONS3-V	404202004	8/18/2016	Fe-59	-7.64E+00	6.77E+00	2.04E+01	U
TV	ONS3-V	404202004	8/18/2016	I-131	2.25E+00	4.79E+00	1.64E+01	U
TV	ONS3-V	404202004	8/18/2016	K-40	2.20E+03	1.31E+02	9.78E+01	
TV	ONS3-V	404202004	8/18/2016	La-140	-1.38E+01	1.10E+01	1.67E+01	U
TV	ONS3-V	404202004	8/18/2016	Mn-54	-2.63E+00	2.86E+00	9.11E+00	U
TV	ONS3-V	404202004	8/18/2016	Nb-95	-8.05E+00	4.59E+00	9.56E+00	U
TV	ONS3-V	404202004	8/18/2016	Ru-103	2.48E+00	2.89E+00	9.61E+00	U
TV	ONS3-V	404202004	8/18/2016	Ru-106	-2.62E+01	2.82E+01	8.60E+01	U
TV	ONS3-V	404202004	8/18/2016	Sb-124	4.29E+01	1.53E+01	2.49E+01	UI
TV	ONS3-V	404202004	8/18/2016	Sb-125	-5.51E+00	8.18E+00	2.37E+01	U
TV	ONS3-V	404202004	8/18/2016	Se-75	5.93E+00	3.69E+00	1.13E+01	U
TV	ONS3-V	404202004	8/18/2016	Th-228	5.06E-01	8.89E+00	1.59E+01	U
TV	ONS3-V	404202004	8/18/2016	Zn-65	-3.37E+00	7.27E+00	2.02E+01	U
TV	ONS3-V	404202004	8/18/2016	Zr-95	-1.31E+00	6.11E+00	1.70E+01	U
TV	ONS3-V	404202005	8/18/2016	Ac-228	-1.28E+01	1.81E+01	4.23E+01	U
TV	ONS3-V	404202005	8/18/2016	Ag-108m	1.24E+00	2.23E+00	7.37E+00	U
TV	ONS3-V	404202005	8/18/2016	Ag-110m	-1.11E+00	3.71E+00	1.23E+01	U
TV	ONS3-V	404202005	8/18/2016	Ba-140	1.86E+01	1.45E+01	4.69E+01	U
TV	ONS3-V	404202005	8/18/2016	Be-7	1.19E+03	5.99E+01	7.81E+01	
TV	ONS3-V	404202005	8/18/2016	Ce-141	-2.38E+01	9.70E+00	1.36E+01	U
TV	ONS3-V	404202005	8/18/2016	Ce-144	6.19E+00	1.56E+01	4.92E+01	U
TV	ONS3-V	404202005	8/18/2016	Co-57	-1.63E+00	2.16E+00	6.58E+00	U
TV	ONS3-V	404202005	8/18/2016	Co-58	-4.64E+00	2.85E+00	8.37E+00	U
TV	ONS3-V	404202005	8/18/2016	Co-60	3.18E-01	2.88E+00	9.47E+00	U
TV	ONS3-V	404202005	8/18/2016	Cr-51	2.54E+01	2.49E+01	8.27E+01	U
TV	ONS3-V	404202005	8/18/2016	Cs-134	1.35E+00	2.86E+00	8.73E+00	U
TV	ONS3-V	404202005	8/18/2016	Cs-137	-1.06E+01	5.91E+00	1.24E+01	U
TV	ONS3-V	404202005	8/18/2016	Fe-59	-3.72E+00	5.31E+00	1.68E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS3-V	404202005	8/18/2016	I-131	6.74E+00	4.81E+00	1.57E+01	U
TV	ONS3-V	404202005	8/18/2016	K-40	1.97E+03	1.19E+02	9.08E+01	
TV	ONS3-V	404202005	8/18/2016	La-140	-2.86E+00	4.34E+00	1.32E+01	U
TV	ONS3-V	404202005	8/18/2016	Mn-54	-1.39E+00	2.53E+00	8.32E+00	U
TV	ONS3-V	404202005	8/18/2016	Nb-95	7.95E+00	4.20E+00	8.68E+00	U
TV	ONS3-V	404202005	8/18/2016	Ru-103	1.19E+00	2.79E+00	9.14E+00	U
TV	ONS3-V	404202005	8/18/2016	Ru-106	7.84E+00	2.61E+01	8.42E+01	U
TV	ONS3-V	404202005	8/18/2016	Sb-124	3.23E+00	6.65E+00	1.94E+01	U
TV	ONS3-V	404202005	8/18/2016	Sb-125	-4.77E-01	7.15E+00	2.34E+01	U
TV	ONS3-V	404202005	8/18/2016	Se-75	4.06E+00	3.40E+00	1.13E+01	U
TV	ONS3-V	404202005	8/18/2016	Th-228	6.91E-01	7.46E+00	1.75E+01	U
TV	ONS3-V	404202005	8/18/2016	Zn-65	9.30E-02	5.99E+00	1.98E+01	U
TV	ONS3-V	404202005	8/18/2016	Zr-95	-4.02E+00	4.95E+00	1.61E+01	U
TV	ONS3-V	404202006	8/18/2016	Ac-228	1.07E+01	3.06E+01	5.29E+01	U
TV	ONS3-V	404202006	8/18/2016	Ag-108m	4.02E+00	2.91E+00	9.67E+00	U
TV	ONS3-V	404202006	8/18/2016	Ag-110m	-7.90E+00	4.71E+00	1.31E+01	U
TV	ONS3-V	404202006	8/18/2016	Ba-140	-1.16E+01	1.51E+01	4.85E+01	U
TV	ONS3-V	404202006	8/18/2016	Be-7	1.20E+03	7.30E+01	8.83E+01	
TV	ONS3-V	404202006	8/18/2016	Ce-141	-1.00E+01	5.53E+00	1.55E+01	U
TV	ONS3-V	404202006	8/18/2016	Ce-144	1.11E+01	1.83E+01	5.90E+01	U
TV	ONS3-V	404202006	8/18/2016	Co-57	-1.24E+00	2.46E+00	7.83E+00	U
TV	ONS3-V	404202006	8/18/2016	Co-58	1.15E+00	3.06E+00	1.02E+01	U
TV	ONS3-V	404202006	8/18/2016	Co-60	7.63E-01	6.53E+00	1.31E+01	U
TV	ONS3-V	404202006	8/18/2016	Cr-51	-6.86E+01	3.31E+01	8.38E+01	U
TV	ONS3-V	404202006	8/18/2016	Cs-134	3.05E+00	3.57E+00	1.18E+01	U
TV	ONS3-V	404202006	8/18/2016	Cs-137	1.98E+01	6.74E+00	1.10E+01	UI
TV	ONS3-V	404202006	8/18/2016	Fe-59	2.19E+00	6.30E+00	1.84E+01	U
TV	ONS3-V	404202006	8/18/2016	I-131	5.83E+00	5.45E+00	1.85E+01	U
TV	ONS3-V	404202006	8/18/2016	K-40	1.03E+03	1.09E+02	1.02E+02	
TV	ONS3-V	404202006	8/18/2016	La-140	-3.13E+00	5.46E+00	1.53E+01	U
TV	ONS3-V	404202006	8/18/2016	Mn-54	-1.60E+00	2.81E+00	8.87E+00	U
TV	ONS3-V	404202006	8/18/2016	Nb-95	5.11E-01	3.59E+00	1.06E+01	U
TV	ONS3-V	404202006	8/18/2016	Ru-103	2.64E-01	3.17E+00	1.07E+01	U
TV	ONS3-V	404202006	8/18/2016	Ru-106	-2.96E+01	3.04E+01	9.56E+01	U
TV	ONS3-V	404202006	8/18/2016	Sb-124	-5.80E+00	6.60E+00	2.03E+01	U
TV	ONS3-V	404202006	8/18/2016	Sb-125	5.47E+00	7.77E+00	2.65E+01	U
TV	ONS3-V	404202006	8/18/2016	Se-75	-8.78E-01	4.17E+00	1.30E+01	U
TV	ONS3-V	404202006	8/18/2016	Th-228	1.61E+01	1.14E+01	2.00E+01	U
TV	ONS3-V	404202006	8/18/2016	Zn-65	5.16E+00	6.75E+00	2.21E+01	U
TV	ONS3-V	404202006	8/18/2016	Zr-95	-8.77E+00	5.82E+00	1.68E+01	U
TV	OFS1-V	404202007	8/18/2016	Ac-228	4.91E+01	2.09E+01	3.73E+01	UI
TV	OFS1-V	404202007	8/18/2016	Ag-108m	1.18E+00	1.72E+00	5.83E+00	U
TV	OFS1-V	404202007	8/18/2016	Ag-110m	3.22E+00	3.09E+00	1.01E+01	U
TV	OFS1-V	404202007	8/18/2016	Ba-140	-9.98E+00	1.14E+01	3.59E+01	U
TV	OFS1-V	404202007	8/18/2016	Be-7	2.05E+03	7.62E+01	5.90E+01	
TV	OFS1-V	404202007	8/18/2016	Ce-141	-1.12E+01	4.42E+00	1.08E+01	U
TV	OFS1-V	404202007	8/18/2016	Ce-144	-1.19E+01	1.26E+01	3.87E+01	U
TV	OFS1-V	404202007	8/18/2016	Co-57	3.93E+00	2.28E+00	4.94E+00	U
TV	OFS1-V	404202007	8/18/2016	Co-58	7.94E-02	2.18E+00	7.03E+00	U
TV	OFS1-V	404202007	8/18/2016	Co-60	-1.93E+00	2.16E+00	6.74E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	OFS1-V	404202007	8/18/2016	Cr-51	-4.22E+01	2.06E+01	5.85E+01	U
TV	OFS1-V	404202007	8/18/2016	Cs-134	1.33E+00	2.18E+00	7.16E+00	U
TV	OFS1-V	404202007	8/18/2016	Cs-137	3.08E+00	2.29E+00	7.51E+00	U
TV	OFS1-V	404202007	8/18/2016	Fe-59	-6.20E+00	4.59E+00	1.39E+01	U
TV	OFS1-V	404202007	8/18/2016	I-131	3.45E+00	3.76E+00	1.27E+01	U
TV	OFS1-V	404202007	8/18/2016	K-40	3.28E+03	1.36E+02	7.04E+01	
TV	OFS1-V	404202007	8/18/2016	La-140	-7.65E+00	3.89E+00	9.75E+00	U
TV	OFS1-V	404202007	8/18/2016	Mn-54	-2.85E-01	2.21E+00	7.07E+00	U
TV	OFS1-V	404202007	8/18/2016	Nb-95	-1.75E+00	2.43E+00	7.55E+00	U
TV	OFS1-V	404202007	8/18/2016	Ru-103	-1.80E+00	2.17E+00	6.91E+00	U
TV	OFS1-V	404202007	8/18/2016	Ru-106	1.81E+01	1.96E+01	6.50E+01	U
TV	OFS1-V	404202007	8/18/2016	Sb-124	-5.41E+00	5.23E+00	1.29E+01	U
TV	OFS1-V	404202007	8/18/2016	Sb-125	9.24E-02	5.50E+00	1.85E+01	U
TV	OFS1-V	404202007	8/18/2016	Se-75	-6.39E-01	2.87E+00	8.87E+00	U
TV	OFS1-V	404202007	8/18/2016	Th-228	7.51E+00	8.73E+00	1.15E+01	U
TV	OFS1-V	404202007	8/18/2016	Zn-65	-2.02E+00	4.88E+00	1.62E+01	U
TV	OFS1-V	404202007	8/18/2016	Zr-95	-2.17E+00	4.43E+00	1.24E+01	U
TV	ONS2-V	405413001	9/6/2016	Ac-228	2.38E+01	1.72E+01	3.71E+01	U
TV	ONS2-V	405413001	9/6/2016	Ag-108m	-2.49E+00	2.01E+00	6.12E+00	U
TV	ONS2-V	405413001	9/6/2016	Ag-110m	-3.66E+00	2.87E+00	8.73E+00	U
TV	ONS2-V	405413001	9/6/2016	Ba-140	7.02E+00	1.00E+01	3.31E+01	U
TV	ONS2-V	405413001	9/6/2016	Be-7	3.30E+03	1.55E+02	5.77E+01	
TV	ONS2-V	405413001	9/6/2016	Ce-141	-4.00E+00	4.33E+00	1.02E+01	U
TV	ONS2-V	405413001	9/6/2016	Ce-144	-1.80E+01	1.30E+01	3.79E+01	U
TV	ONS2-V	405413001	9/6/2016	Co-57	-1.99E+00	1.63E+00	4.86E+00	U
TV	ONS2-V	405413001	9/6/2016	Co-58	-2.11E+00	2.10E+00	6.65E+00	U
TV	ONS2-V	405413001	9/6/2016	Co-60	1.02E+00	2.24E+00	7.46E+00	U
TV	ONS2-V	405413001	9/6/2016	Cr-51	-1.41E+01	1.94E+01	6.32E+01	U
TV	ONS2-V	405413001	9/6/2016	Cs-134	1.63E+00	2.12E+00	6.86E+00	U
TV	ONS2-V	405413001	9/6/2016	Cs-137	-6.67E-01	2.20E+00	6.95E+00	U
TV	ONS2-V	405413001	9/6/2016	Fe-59	-3.36E+00	4.60E+00	1.45E+01	U
TV	ONS2-V	405413001	9/6/2016	I-131	5.09E+00	3.51E+00	1.15E+01	U
TV	ONS2-V	405413001	9/6/2016	K-40	2.35E+03	1.44E+02	6.05E+01	
TV	ONS2-V	405413001	9/6/2016	La-140	-7.06E+00	3.61E+00	8.58E+00	U
TV	ONS2-V	405413001	9/6/2016	Mn-54	-1.52E-01	2.12E+00	7.18E+00	U
TV	ONS2-V	405413001	9/6/2016	Nb-95	1.47E+00	2.22E+00	7.16E+00	U
TV	ONS2-V	405413001	9/6/2016	Ru-103	-1.08E+00	2.16E+00	6.92E+00	U
TV	ONS2-V	405413001	9/6/2016	Ru-106	-1.26E+01	1.98E+01	6.18E+01	U
TV	ONS2-V	405413001	9/6/2016	Sb-124	-4.34E+00	5.46E+00	1.62E+01	U
TV	ONS2-V	405413001	9/6/2016	Sb-125	3.14E-01	5.45E+00	1.81E+01	U
TV	ONS2-V	405413001	9/6/2016	Se-75	9.57E-01	2.61E+00	8.92E+00	U
TV	ONS2-V	405413001	9/6/2016	Th-228	-3.36E+00	5.56E+00	1.35E+01	U
TV	ONS2-V	405413001	9/6/2016	Zn-65	-1.67E+00	4.70E+00	1.33E+01	U
TV	ONS2-V	405413001	9/6/2016	Zr-95	3.01E+00	4.64E+00	1.23E+01	U
TV	ONS2-V	405413002	9/6/2016	Ac-228	2.57E+01	2.48E+01	3.26E+01	U
TV	ONS2-V	405413002	9/6/2016	Ag-108m	-6.21E+00	3.77E+00	7.76E+00	U
TV	ONS2-V	405413002	9/6/2016	Ag-110m	-3.76E+00	3.89E+00	1.18E+01	U
TV	ONS2-V	405413002	9/6/2016	Ba-140	1.22E+01	1.16E+01	3.92E+01	U
TV	ONS2-V	405413002	9/6/2016	Be-7	1.13E+03	7.23E+01	8.13E+01	
TV	ONS2-V	405413002	9/6/2016	Ce-141	2.83E+00	4.45E+00	1.33E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS2-V	405413002	9/6/2016	Ce-144	2.31E+01	1.71E+01	5.03E+01	U
TV	ONS2-V	405413002	9/6/2016	Co-57	4.19E-01	2.04E+00	6.63E+00	U
TV	ONS2-V	405413002	9/6/2016	Co-58	-1.46E-02	2.80E+00	9.17E+00	U
TV	ONS2-V	405413002	9/6/2016	Co-60	9.18E+00	3.99E+00	1.15E+01	U
TV	ONS2-V	405413002	9/6/2016	Cr-51	1.33E+01	2.28E+01	7.88E+01	U
TV	ONS2-V	405413002	9/6/2016	Cs-134	5.88E+00	3.03E+00	9.76E+00	U
TV	ONS2-V	405413002	9/6/2016	Cs-137	6.21E+01	7.40E+00	8.68E+00	
TV	ONS2-V	405413002	9/6/2016	Fe-59	-2.88E+00	5.90E+00	1.84E+01	U
TV	ONS2-V	405413002	9/6/2016	I-131	-8.78E-01	4.24E+00	1.44E+01	U
TV	ONS2-V	405413002	9/6/2016	K-40	3.92E+03	1.69E+02	6.74E+01	
TV	ONS2-V	405413002	9/6/2016	La-140	-8.66E+00	4.58E+00	1.19E+01	U
TV	ONS2-V	405413002	9/6/2016	Mn-54	-2.28E+00	2.68E+00	8.27E+00	U
TV	ONS2-V	405413002	9/6/2016	Nb-95	-4.63E+00	4.23E+00	9.37E+00	U
TV	ONS2-V	405413002	9/6/2016	Ru-103	7.93E-02	2.56E+00	8.63E+00	U
TV	ONS2-V	405413002	9/6/2016	Ru-106	-9.24E+00	3.06E+01	9.00E+01	U
TV	ONS2-V	405413002	9/6/2016	Sb-124	-3.25E+00	5.81E+00	1.85E+01	U
TV	ONS2-V	405413002	9/6/2016	Sb-125	4.59E-01	7.11E+00	2.42E+01	U
TV	ONS2-V	405413002	9/6/2016	Se-75	1.29E+00	3.30E+00	1.04E+01	U
TV	ONS2-V	405413002	9/6/2016	Th-228	2.55E-01	9.82E+00	1.58E+01	U
TV	ONS2-V	405413002	9/6/2016	Zn-65	1.14E+00	6.26E+00	2.02E+01	U
TV	ONS2-V	405413002	9/6/2016	Zr-95	-4.36E+00	4.99E+00	1.55E+01	U
TV	ONS2-V	405413003	9/6/2016	Ac-228	2.43E+01	2.68E+01	5.04E+01	U
TV	ONS2-V	405413003	9/6/2016	Ag-108m	8.49E-01	2.48E+00	8.47E+00	U
TV	ONS2-V	405413003	9/6/2016	Ag-110m	-6.87E-01	4.07E+00	1.30E+01	U
TV	ONS2-V	405413003	9/6/2016	Ba-140	-8.52E+00	2.01E+01	4.40E+01	U
TV	ONS2-V	405413003	9/6/2016	Be-7	2.40E+03	1.30E+02	8.27E+01	
TV	ONS2-V	405413003	9/6/2016	Ce-141	-3.88E+00	6.25E+00	1.39E+01	U
TV	ONS2-V	405413003	9/6/2016	Ce-144	-1.02E+01	1.60E+01	5.03E+01	U
TV	ONS2-V	405413003	9/6/2016	Co-57	-4.62E-01	2.01E+00	6.48E+00	U
TV	ONS2-V	405413003	9/6/2016	Co-58	4.37E-01	2.74E+00	9.00E+00	U
TV	ONS2-V	405413003	9/6/2016	Co-60	-1.72E+00	2.90E+00	9.32E+00	U
TV	ONS2-V	405413003	9/6/2016	Cr-51	9.61E+00	2.59E+01	8.95E+01	U
TV	ONS2-V	405413003	9/6/2016	Cs-134	4.20E+00	3.17E+00	1.05E+01	U
TV	ONS2-V	405413003	9/6/2016	Cs-137	4.35E+01	6.28E+00	9.28E+00	M
TV	ONS2-V	405413003	9/6/2016	Fe-59	-1.81E+00	6.48E+00	2.03E+01	U
TV	ONS2-V	405413003	9/6/2016	I-131	9.70E+00	7.20E+00	1.50E+01	U
TV	ONS2-V	405413003	9/6/2016	K-40	2.37E+03	1.62E+02	8.81E+01	
TV	ONS2-V	405413003	9/6/2016	La-140	-7.24E+00	4.70E+00	1.27E+01	U
TV	ONS2-V	405413003	9/6/2016	Mn-54	3.40E+00	3.14E+00	1.04E+01	U
TV	ONS2-V	405413003	9/6/2016	Nb-95	2.15E+00	3.05E+00	9.23E+00	U
TV	ONS2-V	405413003	9/6/2016	Ru-103	9.64E-01	2.73E+00	9.27E+00	U
TV	ONS2-V	405413003	9/6/2016	Ru-106	-9.39E+00	2.16E+01	6.97E+01	U
TV	ONS2-V	405413003	9/6/2016	Sb-124	-9.55E+00	6.31E+00	1.65E+01	U
TV	ONS2-V	405413003	9/6/2016	Sb-125	-5.89E+00	7.27E+00	2.35E+01	U
TV	ONS2-V	405413003	9/6/2016	Se-75	1.93E+00	4.02E+00	1.18E+01	U
TV	ONS2-V	405413003	9/6/2016	Th-228	1.88E+00	7.74E+00	2.04E+01	U
TV	ONS2-V	405413003	9/6/2016	Zn-65	2.31E+00	6.03E+00	1.96E+01	U
TV	ONS2-V	405413003	9/6/2016	Zr-95	3.40E+00	4.81E+00	1.61E+01	U
TV	ONS3-V	405413004	9/6/2016	Ac-228	4.94E+01	2.47E+01	3.99E+01	UI
TV	ONS3-V	405413004	9/6/2016	Ag-108m	-2.18E-01	2.82E+00	9.02E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS3-V	405413004	9/6/2016	Ag-110m	-6.63E-01	4.30E+00	1.43E+01	U
TV	ONS3-V	405413004	9/6/2016	Ba-140	5.46E+01	3.16E+01	5.67E+01	U
TV	ONS3-V	405413004	9/6/2016	Be-7	2.98E+03	1.63E+02	8.40E+01	
TV	ONS3-V	405413004	9/6/2016	Ce-141	9.73E+00	5.37E+00	1.68E+01	U
TV	ONS3-V	405413004	9/6/2016	Ce-144	-8.37E+00	1.91E+01	6.23E+01	U
TV	ONS3-V	405413004	9/6/2016	Co-57	8.96E-01	2.83E+00	8.47E+00	U
TV	ONS3-V	405413004	9/6/2016	Co-58	3.42E+00	2.96E+00	1.01E+01	U
TV	ONS3-V	405413004	9/6/2016	Co-60	-2.63E+00	3.37E+00	1.04E+01	U
TV	ONS3-V	405413004	9/6/2016	Cr-51	-3.69E+01	3.00E+01	8.95E+01	U
TV	ONS3-V	405413004	9/6/2016	Cs-134	-2.94E+00	3.93E+00	1.10E+01	U
TV	ONS3-V	405413004	9/6/2016	Cs-137	7.61E-01	3.70E+00	1.12E+01	U
TV	ONS3-V	405413004	9/6/2016	Fe-59	4.47E+01	2.65E+01	2.34E+01	UI
TV	ONS3-V	405413004	9/6/2016	I-131	-6.37E+00	5.79E+00	1.74E+01	U
TV	ONS3-V	405413004	9/6/2016	K-40	3.74E+03	2.48E+02	8.00E+01	
TV	ONS3-V	405413004	9/6/2016	La-140	-8.11E+00	5.51E+00	1.48E+01	U
TV	ONS3-V	405413004	9/6/2016	Mn-54	2.13E+00	3.12E+00	9.54E+00	U
TV	ONS3-V	405413004	9/6/2016	Nb-95	2.27E+00	3.75E+00	1.14E+01	U
TV	ONS3-V	405413004	9/6/2016	Ru-103	5.77E-01	3.27E+00	1.05E+01	U
TV	ONS3-V	405413004	9/6/2016	Ru-106	3.78E+01	3.08E+01	9.86E+01	U
TV	ONS3-V	405413004	9/6/2016	Sb-124	-4.84E+00	7.91E+00	2.43E+01	U
TV	ONS3-V	405413004	9/6/2016	Sb-125	7.75E+00	8.58E+00	2.78E+01	U
TV	ONS3-V	405413004	9/6/2016	Se-75	-8.59E-01	4.35E+00	1.26E+01	U
TV	ONS3-V	405413004	9/6/2016	Th-228	-9.69E+00	9.40E+00	2.09E+01	U
TV	ONS3-V	405413004	9/6/2016	Zn-65	-1.75E+00	8.31E+00	2.39E+01	U
TV	ONS3-V	405413004	9/6/2016	Zr-95	3.45E-02	5.40E+00	1.82E+01	U
TV	ONS3-V	405413005	9/6/2016	Ac-228	4.12E+01	2.72E+01	4.97E+01	U
TV	ONS3-V	405413005	9/6/2016	Ag-108m	-5.22E+00	2.83E+00	7.88E+00	U
TV	ONS3-V	405413005	9/6/2016	Ag-110m	-1.27E+00	4.60E+00	1.44E+01	U
TV	ONS3-V	405413005	9/6/2016	Ba-140	1.98E+01	1.46E+01	4.89E+01	U
TV	ONS3-V	405413005	9/6/2016	Be-7	1.43E+03	9.54E+01	8.05E+01	
TV	ONS3-V	405413005	9/6/2016	Ce-141	-9.31E+00	6.81E+00	1.54E+01	U
TV	ONS3-V	405413005	9/6/2016	Ce-144	-1.01E+01	2.74E+01	5.85E+01	U
TV	ONS3-V	405413005	9/6/2016	Co-57	1.87E+00	2.27E+00	7.38E+00	U
TV	ONS3-V	405413005	9/6/2016	Co-58	-2.23E+00	3.39E+00	1.04E+01	U
TV	ONS3-V	405413005	9/6/2016	Co-60	-3.43E+00	2.95E+00	8.48E+00	U
TV	ONS3-V	405413005	9/6/2016	Cr-51	-8.84E+00	2.76E+01	9.30E+01	U
TV	ONS3-V	405413005	9/6/2016	Cs-134	6.86E+00	4.02E+00	1.29E+01	U
TV	ONS3-V	405413005	9/6/2016	Cs-137	-2.27E+00	5.03E+00	9.87E+00	U
TV	ONS3-V	405413005	9/6/2016	Fe-59	1.34E-01	7.14E+00	2.13E+01	U
TV	ONS3-V	405413005	9/6/2016	I-131	-5.21E+00	5.22E+00	1.66E+01	U
TV	ONS3-V	405413005	9/6/2016	K-40	2.68E+03	1.82E+02	9.16E+01	
TV	ONS3-V	405413005	9/6/2016	La-140	-7.35E+00	4.88E+00	1.25E+01	U
TV	ONS3-V	405413005	9/6/2016	Mn-54	4.52E-01	3.16E+00	1.02E+01	U
TV	ONS3-V	405413005	9/6/2016	Nb-95	2.22E-01	3.29E+00	1.06E+01	U
TV	ONS3-V	405413005	9/6/2016	Ru-103	1.44E+00	3.10E+00	1.04E+01	U
TV	ONS3-V	405413005	9/6/2016	Ru-106	-1.25E+01	3.14E+01	8.92E+01	U
TV	ONS3-V	405413005	9/6/2016	Sb-124	-7.39E+00	8.18E+00	2.40E+01	U
TV	ONS3-V	405413005	9/6/2016	Sb-125	-2.65E+00	8.02E+00	2.65E+01	U
TV	ONS3-V	405413005	9/6/2016	Se-75	-4.92E+00	4.00E+00	1.27E+01	U
TV	ONS3-V	405413005	9/6/2016	Th-228	4.96E+00	1.04E+01	2.14E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	ONS3-V	405413005	9/6/2016	Zn-65	7.73E+00	7.11E+00	2.44E+01	U
TV	ONS3-V	405413005	9/6/2016	Zr-95	-2.49E+00	6.03E+00	1.90E+01	U
TV	ONS3-V	405413006	9/6/2016	Ac-228	3.68E+01	2.92E+01	4.96E+01	U
TV	ONS3-V	405413006	9/6/2016	Ag-108m	-2.67E+00	3.86E+00	9.01E+00	U
TV	ONS3-V	405413006	9/6/2016	Ag-110m	-1.91E+00	4.56E+00	1.41E+01	U
TV	ONS3-V	405413006	9/6/2016	Ba-140	-2.25E+01	1.93E+01	4.73E+01	U
TV	ONS3-V	405413006	9/6/2016	Be-7	3.13E+03	1.58E+02	8.89E+01	
TV	ONS3-V	405413006	9/6/2016	Ce-141	1.20E+01	1.09E+01	1.49E+01	U
TV	ONS3-V	405413006	9/6/2016	Ce-144	4.94E+00	1.81E+01	5.90E+01	U
TV	ONS3-V	405413006	9/6/2016	Co-57	-8.46E-01	2.37E+00	7.64E+00	U
TV	ONS3-V	405413006	9/6/2016	Co-58	3.05E-01	3.21E+00	1.03E+01	U
TV	ONS3-V	405413006	9/6/2016	Co-60	8.18E-01	3.41E+00	1.14E+01	U
TV	ONS3-V	405413006	9/6/2016	Cr-51	-7.65E+00	2.78E+01	9.39E+01	U
TV	ONS3-V	405413006	9/6/2016	Cs-134	5.28E-01	3.38E+00	1.09E+01	U
TV	ONS3-V	405413006	9/6/2016	Cs-137	3.93E+00	3.53E+00	1.06E+01	U
TV	ONS3-V	405413006	9/6/2016	Fe-59	-9.14E+00	9.07E+00	2.25E+01	U
TV	ONS3-V	405413006	9/6/2016	I-131	-1.11E+01	6.85E+00	1.81E+01	U
TV	ONS3-V	405413006	9/6/2016	K-40	6.08E+03	3.18E+02	1.03E+02	
TV	ONS3-V	405413006	9/6/2016	La-140	1.32E-01	4.68E+00	1.52E+01	U
TV	ONS3-V	405413006	9/6/2016	Mn-54	4.08E+00	3.17E+00	1.03E+01	U
TV	ONS3-V	405413006	9/6/2016	Nb-95	5.25E+00	4.00E+00	1.19E+01	U
TV	ONS3-V	405413006	9/6/2016	Ru-103	3.15E-01	3.10E+00	1.03E+01	U
TV	ONS3-V	405413006	9/6/2016	Ru-106	-8.62E-01	2.79E+01	9.08E+01	U
TV	ONS3-V	405413006	9/6/2016	Sb-124	3.41E+01	1.44E+01	2.88E+01	UI
TV	ONS3-V	405413006	9/6/2016	Sb-125	-1.21E+00	7.60E+00	2.53E+01	U
TV	ONS3-V	405413006	9/6/2016	Se-75	1.31E+00	4.18E+00	1.31E+01	U
TV	ONS3-V	405413006	9/6/2016	Th-228	7.55E+00	1.12E+01	2.07E+01	U
TV	ONS3-V	405413006	9/6/2016	Zn-65	-6.11E+00	8.19E+00	2.61E+01	U
TV	ONS3-V	405413006	9/6/2016	Zr-95	2.26E+00	5.23E+00	1.71E+01	U
TV	OFS1-V	405413007	9/6/2016	Ac-228	7.59E+01	3.60E+01	5.96E+01	UI
TV	OFS1-V	405413007	9/6/2016	Ag-108m	1.27E+00	2.81E+00	9.42E+00	U
TV	OFS1-V	405413007	9/6/2016	Ag-110m	-4.32E+00	5.16E+00	1.53E+01	U
TV	OFS1-V	405413007	9/6/2016	Ba-140	1.83E+01	1.67E+01	5.54E+01	U
TV	OFS1-V	405413007	9/6/2016	Be-7	1.34E+03	8.49E+01	9.79E+01	
TV	OFS1-V	405413007	9/6/2016	Ce-141	-4.88E+00	5.38E+00	1.60E+01	U
TV	OFS1-V	405413007	9/6/2016	Ce-144	-8.09E+00	1.82E+01	5.60E+01	U
TV	OFS1-V	405413007	9/6/2016	Co-57	-2.90E+00	2.43E+00	7.07E+00	U
TV	OFS1-V	405413007	9/6/2016	Co-58	3.49E+00	3.48E+00	1.14E+01	U
TV	OFS1-V	405413007	9/6/2016	Co-60	6.29E+00	3.98E+00	1.35E+01	U
TV	OFS1-V	405413007	9/6/2016	Cr-51	1.14E+01	2.84E+01	9.63E+01	U
TV	OFS1-V	405413007	9/6/2016	Cs-134	5.74E+00	4.04E+00	1.27E+01	U
TV	OFS1-V	405413007	9/6/2016	Cs-137	3.18E+00	3.99E+00	1.31E+01	U
TV	OFS1-V	405413007	9/6/2016	Fe-59	1.72E+01	1.02E+01	2.40E+01	U
TV	OFS1-V	405413007	9/6/2016	I-131	-3.75E+00	5.49E+00	1.77E+01	U
TV	OFS1-V	405413007	9/6/2016	K-40	2.26E+03	1.48E+02	7.47E+01	
TV	OFS1-V	405413007	9/6/2016	La-140	-1.16E+01	6.17E+00	1.51E+01	U
TV	OFS1-V	405413007	9/6/2016	Mn-54	3.65E+00	3.58E+00	1.17E+01	U
TV	OFS1-V	405413007	9/6/2016	Nb-95	-6.88E+00	5.15E+00	1.09E+01	U
TV	OFS1-V	405413007	9/6/2016	Ru-103	-4.16E+00	3.40E+00	1.01E+01	U
TV	OFS1-V	405413007	9/6/2016	Ru-106	-3.21E+01	3.25E+01	9.82E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/kg)	STD.DEV. (pCi/kg)	MDC (pCi/kg)	FLAGS
TV	OFS1-V	405413007	9/6/2016	Sb-124	1.46E+01	8.88E+00	3.05E+01	U
TV	OFS1-V	405413007	9/6/2016	Sb-125	1.94E+01	9.56E+00	3.03E+01	U
TV	OFS1-V	405413007	9/6/2016	Se-75	-1.17E-01	4.01E+00	1.36E+01	U
TV	OFS1-V	405413007	9/6/2016	Th-228	-1.59E+01	8.64E+00	2.06E+01	U
TV	OFS1-V	405413007	9/6/2016	Zn-65	8.84E+00	7.52E+00	2.58E+01	U
TV	OFS1-V	405413007	9/6/2016	Zr-95	1.18E+00	6.03E+00	1.96E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	388922023	1/6/2016	Ac-228	-8.62E+00	5.12E+00	1.16E+01	U
WD	STJ	388922023	1/6/2016	Ag-108m	-4.49E-01	6.93E-01	2.22E+00	U
WD	STJ	388922023	1/6/2016	Ag-110m	-6.00E-01	8.37E-01	2.19E+00	U
WD	STJ	388922023	1/6/2016	Ba-140	2.05E+00	4.12E+00	1.35E+01	U
WD	STJ	388922023	1/6/2016	Be-7	4.90E+00	6.93E+00	2.29E+01	U
WD	STJ	388922023	1/6/2016	BETA	-9.83E-01	7.76E-01	2.81E+00	U
WD	STJ	388922023	1/6/2016	Ce-141	-4.79E+00	2.40E+00	4.39E+00	U
WD	STJ	388922023	1/6/2016	Ce-144	2.58E+00	4.93E+00	1.63E+01	U
WD	STJ	388922023	1/6/2016	Co-57	5.66E-02	9.10E-01	2.21E+00	U
WD	STJ	388922023	1/6/2016	Co-58	-1.91E+00	1.10E+00	2.59E+00	U
WD	STJ	388922023	1/6/2016	Co-60	-7.91E-01	1.05E+00	2.81E+00	U
WD	STJ	388922023	1/6/2016	Cr-51	-7.39E-01	7.15E+00	2.40E+01	U
WD	STJ	388922023	1/6/2016	Cs-134	7.68E-01	9.78E-01	3.03E+00	U
WD	STJ	388922023	1/6/2016	Cs-137	5.18E-01	8.63E-01	2.80E+00	U
WD	STJ	388922023	1/6/2016	Fe-59	2.05E+00	1.69E+00	5.59E+00	U
WD	STJ	388922023	1/6/2016	I-131	-1.28E+00	1.39E+00	4.40E+00	U
WD	STJ	388922023	1/6/2016	K-40	-1.69E+01	1.70E+01	3.89E+01	U
WD	STJ	388922023	1/6/2016	La-140	-8.90E-01	1.30E+00	4.03E+00	U
WD	STJ	388922023	1/6/2016	Mn-54	-1.00E+00	8.43E-01	2.38E+00	U
WD	STJ	388922023	1/6/2016	Nb-95	-1.53E-01	7.88E-01	2.61E+00	U
WD	STJ	388922023	1/6/2016	Ru-103	-9.15E-01	9.14E-01	2.81E+00	U
WD	STJ	388922023	1/6/2016	Ru-106	-8.09E+00	7.41E+00	2.20E+01	U
WD	STJ	388922023	1/6/2016	Sb-124	-5.17E-01	2.08E+00	6.69E+00	U
WD	STJ	388922023	1/6/2016	Sb-125	9.40E-01	2.11E+00	7.03E+00	U
WD	STJ	388922023	1/6/2016	Se-75	-2.66E-01	9.88E-01	3.34E+00	U
WD	STJ	388922023	1/6/2016	Th-228	1.47E-01	2.32E+00	5.57E+00	U
WD	STJ	388922023	1/6/2016	Zn-65	-3.31E+00	1.90E+00	5.01E+00	U
WD	STJ	388922023	1/6/2016	Zr-95	-1.18E-01	1.41E+00	4.72E+00	U
WD	STJ	388922024	1/6/2016	I-131	2.42E-01	2.65E-01	8.18E-01	U
WD	LTW	388922025	1/6/2016	Ac-228	1.82E+00	3.57E+00	7.92E+00	U
WD	LTW	388922025	1/6/2016	Ag-108m	-6.92E-01	5.15E-01	1.53E+00	U
WD	LTW	388922025	1/6/2016	Ag-110m	1.65E-01	5.28E-01	1.79E+00	U
WD	LTW	388922025	1/6/2016	Ba-140	-8.62E-01	2.87E+00	9.11E+00	U
WD	LTW	388922025	1/6/2016	Be-7	-3.45E+00	4.74E+00	1.48E+01	U
WD	LTW	388922025	1/6/2016	BETA	1.32E+00	1.15E+00	3.54E+00	U
WD	LTW	388922025	1/6/2016	Ce-141	-8.19E-01	1.13E+00	3.53E+00	U
WD	LTW	388922025	1/6/2016	Ce-144	-4.66E+00	4.09E+00	1.24E+01	U
WD	LTW	388922025	1/6/2016	Co-57	-6.51E-01	5.47E-01	1.66E+00	U
WD	LTW	388922025	1/6/2016	Co-58	8.90E-01	5.98E-01	1.96E+00	U
WD	LTW	388922025	1/6/2016	Co-60	1.88E-01	6.07E-01	2.05E+00	U
WD	LTW	388922025	1/6/2016	Cr-51	-4.07E+00	5.53E+00	1.78E+01	U
WD	LTW	388922025	1/6/2016	Cs-134	-7.50E-01	8.01E-01	1.83E+00	U
WD	LTW	388922025	1/6/2016	Cs-137	2.10E-01	5.67E-01	1.92E+00	U
WD	LTW	388922025	1/6/2016	Fe-59	-3.26E-01	1.11E+00	3.52E+00	U
WD	LTW	388922025	1/6/2016	I-131	-1.04E+00	1.23E+00	3.39E+00	U
WD	LTW	388922025	1/6/2016	K-40	7.44E+00	1.05E+01	1.90E+01	U
WD	LTW	388922025	1/6/2016	La-140	-1.08E-01	1.01E+00	2.84E+00	U
WD	LTW	388922025	1/6/2016	Mn-54	5.42E-01	5.37E-01	1.79E+00	U
WD	LTW	388922025	1/6/2016	Nb-95	4.42E-01	6.07E-01	2.03E+00	U
WD	LTW	388922025	1/6/2016	Ru-103	3.58E-01	8.37E-01	1.75E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	388922025	1/6/2016	Ru-106	-3.60E+00	4.80E+00	1.55E+01	U
WD	LTW	388922025	1/6/2016	Sb-124	9.39E+00	3.53E+00	4.74E+00	UI
WD	LTW	388922025	1/6/2016	Sb-125	7.68E-01	1.58E+00	5.20E+00	U
WD	LTW	388922025	1/6/2016	Se-75	-5.36E-01	7.70E-01	2.51E+00	U
WD	LTW	388922025	1/6/2016	Th-228	1.75E+00	2.44E+00	3.98E+00	U
WD	LTW	388922025	1/6/2016	Zn-65	-1.29E+00	1.16E+00	3.40E+00	U
WD	LTW	388922025	1/6/2016	Zr-95	8.91E-01	1.00E+00	3.36E+00	U
WD	LTW	388922026	1/6/2016	I-131	-1.57E-01	2.51E-01	8.49E-01	U
WD	STJ	389873023	1/20/2016	Ac-228	-8.73E+00	6.92E+00	2.06E+01	U
WD	STJ	389873023	1/20/2016	Ag-108m	-3.83E-01	1.30E+00	4.15E+00	U
WD	STJ	389873023	1/20/2016	Ag-110m	-2.73E+00	1.35E+00	3.13E+00	U
WD	STJ	389873023	1/20/2016	Ba-140	-7.12E+00	5.79E+00	1.58E+01	U
WD	STJ	389873023	1/20/2016	Be-7	2.26E+01	1.38E+01	4.61E+01	U
WD	STJ	389873023	1/20/2016	BETA	3.63E+00	1.29E+00	3.73E+00	U
WD	STJ	389873023	1/20/2016	Ce-141	9.87E-01	2.56E+00	8.33E+00	U
WD	STJ	389873023	1/20/2016	Ce-144	-9.46E+00	9.85E+00	2.96E+01	U
WD	STJ	389873023	1/20/2016	Co-57	-4.49E-01	1.25E+00	3.96E+00	U
WD	STJ	389873023	1/20/2016	Co-58	-2.24E-01	1.31E+00	4.26E+00	U
WD	STJ	389873023	1/20/2016	Co-60	2.12E+00	1.32E+00	4.97E+00	U
WD	STJ	389873023	1/20/2016	Cr-51	-5.39E+00	1.10E+01	3.54E+01	U
WD	STJ	389873023	1/20/2016	Cs-134	6.76E-01	1.45E+00	4.98E+00	U
WD	STJ	389873023	1/20/2016	Cs-137	2.74E+00	1.61E+00	5.61E+00	U
WD	STJ	389873023	1/20/2016	Fe-59	4.80E-01	2.86E+00	9.40E+00	U
WD	STJ	389873023	1/20/2016	I-131	-2.49E+00	1.99E+00	5.79E+00	U
WD	STJ	389873023	1/20/2016	K-40	-8.95E+00	1.89E+01	6.30E+01	U
WD	STJ	389873023	1/20/2016	La-140	2.79E+00	1.70E+00	6.50E+00	U
WD	STJ	389873023	1/20/2016	Mn-54	-1.87E+00	1.70E+00	3.98E+00	U
WD	STJ	389873023	1/20/2016	Nb-95	2.93E+00	1.60E+00	5.15E+00	U
WD	STJ	389873023	1/20/2016	Ru-103	-1.67E+00	1.55E+00	4.47E+00	U
WD	STJ	389873023	1/20/2016	Ru-106	6.26E+01	2.76E+01	3.92E+01	UI
WD	STJ	389873023	1/20/2016	Sb-124	-3.92E+00	3.16E+00	7.57E+00	U
WD	STJ	389873023	1/20/2016	Sb-125	4.21E+00	3.52E+00	1.21E+01	U
WD	STJ	389873023	1/20/2016	Se-75	-5.26E-01	2.04E+00	5.92E+00	U
WD	STJ	389873023	1/20/2016	Th-228	2.45E+00	3.17E+00	1.11E+01	U
WD	STJ	389873023	1/20/2016	Zn-65	-4.34E+00	3.23E+00	8.18E+00	U
WD	STJ	389873023	1/20/2016	Zr-95	2.86E+00	2.41E+00	8.50E+00	U
WD	STJ	389873024	1/20/2016	I-131	-4.21E-02	2.51E-01	8.34E-01	U
WD	LTW	389873025	1/20/2016	Ac-228	8.29E+00	6.75E+00	2.44E+01	U
WD	LTW	389873025	1/20/2016	Ag-108m	2.07E-01	1.31E+00	4.41E+00	U
WD	LTW	389873025	1/20/2016	Ag-110m	-8.58E-03	1.41E+00	4.58E+00	U
WD	LTW	389873025	1/20/2016	Ba-140	-8.90E+00	6.98E+00	2.02E+01	U
WD	LTW	389873025	1/20/2016	Be-7	1.12E+00	1.25E+01	4.17E+01	U
WD	LTW	389873025	1/20/2016	BETA	-1.34E-01	1.01E+00	3.32E+00	U
WD	LTW	389873025	1/20/2016	Ce-141	1.82E+00	2.48E+00	9.11E+00	U
WD	LTW	389873025	1/20/2016	Ce-144	-9.56E+00	1.06E+01	3.28E+01	U
WD	LTW	389873025	1/20/2016	Co-57	2.60E-01	1.36E+00	4.64E+00	U
WD	LTW	389873025	1/20/2016	Co-58	1.97E-02	1.23E+00	4.15E+00	U
WD	LTW	389873025	1/20/2016	Co-60	-2.64E+00	2.43E+00	6.06E+00	U
WD	LTW	389873025	1/20/2016	Cr-51	5.85E+00	1.43E+01	4.15E+01	U
WD	LTW	389873025	1/20/2016	Cs-134	-7.34E-01	1.40E+00	4.45E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	389873025	1/20/2016	Cs-137	1.23E-01	1.37E+00	4.50E+00	U
WD	LTW	389873025	1/20/2016	Fe-59	-2.20E+00	3.85E+00	9.92E+00	U
WD	LTW	389873025	1/20/2016	I-131	-1.13E+00	2.24E+00	6.91E+00	U
WD	LTW	389873025	1/20/2016	K-40	1.39E+01	1.80E+01	6.79E+01	U
WD	LTW	389873025	1/20/2016	La-140	8.90E-01	1.93E+00	6.71E+00	U
WD	LTW	389873025	1/20/2016	Mn-54	3.06E-01	1.83E+00	5.38E+00	U
WD	LTW	389873025	1/20/2016	Nb-95	1.02E-01	1.63E+00	5.16E+00	U
WD	LTW	389873025	1/20/2016	Ru-103	1.22E+00	1.57E+00	5.36E+00	U
WD	LTW	389873025	1/20/2016	Ru-106	-2.01E+00	1.19E+01	3.83E+01	U
WD	LTW	389873025	1/20/2016	Sb-124	-2.25E-01	3.33E+00	1.09E+01	U
WD	LTW	389873025	1/20/2016	Sb-125	2.79E+00	4.23E+00	1.42E+01	U
WD	LTW	389873025	1/20/2016	Se-75	2.46E+00	2.36E+00	7.02E+00	U
WD	LTW	389873025	1/20/2016	Th-228	1.99E+00	4.25E+00	1.24E+01	U
WD	LTW	389873025	1/20/2016	Zn-65	-3.90E+00	3.96E+00	9.20E+00	U
WD	LTW	389873025	1/20/2016	Zr-95	4.21E+00	2.65E+00	9.07E+00	U
WD	LTW	389873026	1/20/2016	I-131	-1.96E-01	2.42E-01	8.38E-01	U
WD	STJ	390825023	2/3/2016	Ac-228	6.79E+00	4.64E+00	1.59E+01	U
WD	STJ	390825023	2/3/2016	Ag-108m	1.88E+00	1.15E+00	3.77E+00	U
WD	STJ	390825023	2/3/2016	Ag-110m	-2.08E+00	1.49E+00	3.88E+00	U
WD	STJ	390825023	2/3/2016	Ba-140	-5.52E+00	6.37E+00	1.98E+01	U
WD	STJ	390825023	2/3/2016	Be-7	-2.24E+01	1.45E+01	3.22E+01	U
WD	STJ	390825023	2/3/2016	BETA	5.65E-01	1.16E+00	3.72E+00	U
WD	STJ	390825023	2/3/2016	Ce-141	2.70E-01	2.30E+00	7.33E+00	U
WD	STJ	390825023	2/3/2016	Ce-144	-6.72E+00	8.44E+00	2.57E+01	U
WD	STJ	390825023	2/3/2016	Co-57	3.69E-01	1.10E+00	3.57E+00	U
WD	STJ	390825023	2/3/2016	Co-58	1.06E+00	1.25E+00	4.26E+00	U
WD	STJ	390825023	2/3/2016	Co-60	2.60E+00	1.20E+00	4.25E+00	U
WD	STJ	390825023	2/3/2016	Cr-51	-6.41E+00	1.25E+01	3.43E+01	U
WD	STJ	390825023	2/3/2016	Cs-134	1.22E+00	1.26E+00	4.32E+00	U
WD	STJ	390825023	2/3/2016	Cs-137	6.88E-01	1.43E+00	4.25E+00	U
WD	STJ	390825023	2/3/2016	Fe-59	-7.69E-01	2.46E+00	6.75E+00	U
WD	STJ	390825023	2/3/2016	I-131	-8.58E-01	2.45E+00	7.80E+00	U
WD	STJ	390825023	2/3/2016	K-40	4.27E+00	1.38E+01	3.27E+01	U
WD	STJ	390825023	2/3/2016	La-140	4.06E+00	2.55E+00	8.21E+00	U
WD	STJ	390825023	2/3/2016	Mn-54	3.79E-01	1.03E+00	3.44E+00	U
WD	STJ	390825023	2/3/2016	Nb-95	5.78E-01	1.20E+00	4.04E+00	U
WD	STJ	390825023	2/3/2016	Ru-103	1.62E+00	1.38E+00	4.74E+00	U
WD	STJ	390825023	2/3/2016	Ru-106	2.55E+01	1.27E+01	4.20E+01	U
WD	STJ	390825023	2/3/2016	Sb-124	3.65E+00	2.88E+00	1.05E+01	U
WD	STJ	390825023	2/3/2016	Sb-125	3.31E+00	3.35E+00	1.11E+01	U
WD	STJ	390825023	2/3/2016	Se-75	3.88E-01	1.64E+00	5.47E+00	U
WD	STJ	390825023	2/3/2016	Th-228	4.71E+00	5.15E+00	8.28E+00	U
WD	STJ	390825023	2/3/2016	Zn-65	-8.16E-02	2.39E+00	7.95E+00	U
WD	STJ	390825023	2/3/2016	Zr-95	7.10E-01	2.10E+00	7.03E+00	U
WD	STJ	390825024	2/3/2016	I-131	-2.26E-01	1.97E-01	7.17E-01	U
WD	LTW	390825025	2/3/2016	Ac-228	-1.41E+00	5.75E+00	1.84E+01	U
WD	LTW	390825025	2/3/2016	Ag-108m	-7.75E-01	1.10E+00	3.35E+00	U
WD	LTW	390825025	2/3/2016	Ag-110m	-2.19E+00	1.75E+00	4.76E+00	U
WD	LTW	390825025	2/3/2016	Ba-140	9.48E-01	5.66E+00	1.84E+01	U
WD	LTW	390825025	2/3/2016	Be-7	-1.09E+01	1.10E+01	3.20E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	390825025	2/3/2016	BETA	1.32E-01	1.04E+00	3.36E+00	U
WD	LTW	390825025	2/3/2016	Ce-141	4.49E+00	3.10E+00	9.05E+00	U
WD	LTW	390825025	2/3/2016	Ce-144	1.14E+01	9.87E+00	3.22E+01	U
WD	LTW	390825025	2/3/2016	Co-57	4.86E+00	1.85E+00	3.72E+00	UI
WD	LTW	390825025	2/3/2016	Co-58	-7.68E-01	1.30E+00	4.00E+00	U
WD	LTW	390825025	2/3/2016	Co-60	4.90E-01	1.07E+00	3.71E+00	U
WD	LTW	390825025	2/3/2016	Cr-51	7.10E+00	1.42E+01	4.64E+01	U
WD	LTW	390825025	2/3/2016	Cs-134	1.68E+00	1.41E+00	4.87E+00	U
WD	LTW	390825025	2/3/2016	Cs-137	-1.07E+00	1.20E+00	3.60E+00	U
WD	LTW	390825025	2/3/2016	Fe-59	-1.62E+00	2.77E+00	8.71E+00	U
WD	LTW	390825025	2/3/2016	I-131	2.75E-01	2.40E+00	7.96E+00	U
WD	LTW	390825025	2/3/2016	K-40	1.77E+01	1.69E+01	3.57E+01	U
WD	LTW	390825025	2/3/2016	La-140	1.36E+00	2.51E+00	8.55E+00	U
WD	LTW	390825025	2/3/2016	Mn-54	-6.90E-01	1.18E+00	3.01E+00	U
WD	LTW	390825025	2/3/2016	Nb-95	-2.40E+00	1.56E+00	4.06E+00	U
WD	LTW	390825025	2/3/2016	Ru-103	-1.53E+00	1.57E+00	4.60E+00	U
WD	LTW	390825025	2/3/2016	Ru-106	-9.26E-01	1.13E+01	3.77E+01	U
WD	LTW	390825025	2/3/2016	Sb-124	1.05E+00	2.31E+00	8.22E+00	U
WD	LTW	390825025	2/3/2016	Sb-125	-4.24E+00	3.67E+00	1.06E+01	U
WD	LTW	390825025	2/3/2016	Se-75	1.34E+00	1.98E+00	6.01E+00	U
WD	LTW	390825025	2/3/2016	Th-228	1.94E+00	2.84E+00	9.34E+00	U
WD	LTW	390825025	2/3/2016	Zn-65	1.38E+00	2.61E+00	9.05E+00	U
WD	LTW	390825025	2/3/2016	Zr-95	-2.56E+00	2.48E+00	7.26E+00	U
WD	LTW	390825026	2/3/2016	I-131	7.93E-02	2.35E-01	7.51E-01	U
WD	STJ	391696023	2/17/2016	Ac-228	-6.15E+00	7.14E+00	1.94E+01	U
WD	STJ	391696023	2/17/2016	Ag-108m	6.20E-01	1.34E+00	4.39E+00	U
WD	STJ	391696023	2/17/2016	Ag-110m	9.47E-01	1.46E+00	5.01E+00	U
WD	STJ	391696023	2/17/2016	Ba-140	3.88E+00	5.72E+00	1.98E+01	U
WD	STJ	391696023	2/17/2016	Be-7	-6.73E+00	1.19E+01	3.84E+01	U
WD	STJ	391696023	2/17/2016	BETA	2.35E-01	1.06E+00	3.41E+00	U
WD	STJ	391696023	2/17/2016	Ce-141	-1.45E+00	2.89E+00	8.14E+00	U
WD	STJ	391696023	2/17/2016	Ce-144	7.35E+00	9.69E+00	3.29E+01	U
WD	STJ	391696023	2/17/2016	Co-57	4.41E-01	1.33E+00	4.52E+00	U
WD	STJ	391696023	2/17/2016	Co-58	2.50E+00	1.44E+00	4.93E+00	U
WD	STJ	391696023	2/17/2016	Co-60	-2.55E+00	1.66E+00	4.27E+00	U
WD	STJ	391696023	2/17/2016	Cr-51	1.01E-01	1.39E+01	3.95E+01	U
WD	STJ	391696023	2/17/2016	Cs-134	-1.60E+00	1.47E+00	4.19E+00	U
WD	STJ	391696023	2/17/2016	Cs-137	-1.05E+00	1.31E+00	3.99E+00	U
WD	STJ	391696023	2/17/2016	Fe-59	1.62E+00	2.78E+00	9.43E+00	U
WD	STJ	391696023	2/17/2016	I-131	-5.27E-01	2.21E+00	7.02E+00	U
WD	STJ	391696023	2/17/2016	K-40	-1.01E+01	1.51E+01	4.52E+01	U
WD	STJ	391696023	2/17/2016	La-140	1.22E+00	1.68E+00	6.01E+00	U
WD	STJ	391696023	2/17/2016	Mn-54	-2.29E+00	1.60E+00	3.95E+00	U
WD	STJ	391696023	2/17/2016	Nb-95	1.46E+00	1.35E+00	4.66E+00	U
WD	STJ	391696023	2/17/2016	Ru-103	-1.05E+00	1.48E+00	4.71E+00	U
WD	STJ	391696023	2/17/2016	Ru-106	1.00E+01	1.27E+01	4.35E+01	U
WD	STJ	391696023	2/17/2016	Sb-124	4.55E+00	2.76E+00	1.05E+01	U
WD	STJ	391696023	2/17/2016	Sb-125	-3.60E+00	3.80E+00	1.11E+01	U
WD	STJ	391696023	2/17/2016	Se-75	2.33E-01	2.05E+00	6.76E+00	U
WD	STJ	391696023	2/17/2016	Th-228	-5.01E+00	3.18E+00	8.88E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	391696023	2/17/2016	Zn-65	-9.49E-01	2.35E+00	7.50E+00	U
WD	STJ	391696023	2/17/2016	Zr-95	-1.95E+00	2.29E+00	6.83E+00	U
WD	STJ	391696024	2/17/2016	I-131	-1.27E-01	2.38E-01	8.13E-01	U
WD	LTW	391696025	2/17/2016	Ac-228	-1.15E+00	5.77E+00	1.88E+01	U
WD	LTW	391696025	2/17/2016	Ag-108m	-9.42E-01	1.39E+00	4.18E+00	U
WD	LTW	391696025	2/17/2016	Ag-110m	-8.13E-01	1.96E+00	6.27E+00	U
WD	LTW	391696025	2/17/2016	Ba-140	8.89E+00	7.58E+00	2.62E+01	U
WD	LTW	391696025	2/17/2016	Be-7	-1.91E-01	1.26E+01	4.24E+01	U
WD	LTW	391696025	2/17/2016	BETA	1.67E+00	1.18E+00	3.46E+00	U
WD	LTW	391696025	2/17/2016	Ce-141	3.77E+00	2.95E+00	8.70E+00	U
WD	LTW	391696025	2/17/2016	Ce-144	-1.15E+01	9.90E+00	2.91E+01	U
WD	LTW	391696025	2/17/2016	Co-57	-8.66E-01	1.27E+00	3.95E+00	U
WD	LTW	391696025	2/17/2016	Co-58	-9.16E-02	1.69E+00	4.87E+00	U
WD	LTW	391696025	2/17/2016	Co-60	-1.20E+00	1.79E+00	5.50E+00	U
WD	LTW	391696025	2/17/2016	Cr-51	6.03E+00	1.46E+01	4.86E+01	U
WD	LTW	391696025	2/17/2016	Cs-134	1.44E+00	1.85E+00	6.23E+00	U
WD	LTW	391696025	2/17/2016	Cs-137	-2.06E+00	1.62E+00	4.45E+00	U
WD	LTW	391696025	2/17/2016	Fe-59	3.57E+00	3.18E+00	1.12E+01	U
WD	LTW	391696025	2/17/2016	I-131	1.52E+00	2.38E+00	7.96E+00	U
WD	LTW	391696025	2/17/2016	K-40	1.69E+01	2.37E+01	7.63E+01	U
WD	LTW	391696025	2/17/2016	La-140	2.47E+00	2.25E+00	8.24E+00	U
WD	LTW	391696025	2/17/2016	Mn-54	2.20E+00	1.53E+00	5.01E+00	U
WD	LTW	391696025	2/17/2016	Nb-95	3.79E-01	1.25E+00	4.17E+00	U
WD	LTW	391696025	2/17/2016	Ru-103	-5.73E-01	1.67E+00	5.46E+00	U
WD	LTW	391696025	2/17/2016	Ru-106	-1.47E+01	1.18E+01	3.23E+01	U
WD	LTW	391696025	2/17/2016	Sb-124	4.56E+00	4.99E+00	1.75E+01	U
WD	LTW	391696025	2/17/2016	Sb-125	-3.08E+00	4.11E+00	1.22E+01	U
WD	LTW	391696025	2/17/2016	Se-75	1.70E-01	2.09E+00	6.97E+00	U
WD	LTW	391696025	2/17/2016	Th-228	-2.19E+00	3.29E+00	1.02E+01	U
WD	LTW	391696025	2/17/2016	Zn-65	2.46E+00	3.84E+00	1.23E+01	U
WD	LTW	391696025	2/17/2016	Zr-95	9.46E-01	2.60E+00	8.66E+00	U
WD	LTW	391696026	2/17/2016	I-131	4.20E-02	2.51E-01	8.18E-01	U
WD	STJ	396411001	3/30/2016	H-3	5.91E+02	4.41E+02	1.35E+03	U
WD	LTW	396411002	3/30/2016	H-3	1.84E+02	4.16E+02	1.34E+03	U
WD	STJ	392609023	3/2/2016	Ac-228	3.55E+00	4.18E+00	1.35E+01	U
WD	STJ	392609023	3/2/2016	Ag-108m	7.89E-01	7.98E-01	2.64E+00	U
WD	STJ	392609023	3/2/2016	Ag-110m	-1.94E+00	1.22E+00	3.23E+00	U
WD	STJ	392609023	3/2/2016	Ba-140	-8.17E+00	8.65E+00	1.45E+01	U
WD	STJ	392609023	3/2/2016	Be-7	-4.49E+00	7.59E+00	2.45E+01	U
WD	STJ	392609023	3/2/2016	BETA	2.59E+00	1.25E+00	3.42E+00	U
WD	STJ	392609023	3/2/2016	Ce-141	1.50E+00	1.83E+00	4.92E+00	U
WD	STJ	392609023	3/2/2016	Ce-144	1.24E+01	7.69E+00	2.18E+01	U
WD	STJ	392609023	3/2/2016	Co-57	2.88E-01	8.57E-01	2.66E+00	U
WD	STJ	392609023	3/2/2016	Co-58	-1.58E+00	9.89E-01	2.69E+00	U
WD	STJ	392609023	3/2/2016	Co-60	-3.56E-01	1.10E+00	3.12E+00	U
WD	STJ	392609023	3/2/2016	Cr-51	1.12E+01	9.15E+00	2.93E+01	U
WD	STJ	392609023	3/2/2016	Cs-134	-3.77E-01	1.27E+00	3.40E+00	U
WD	STJ	392609023	3/2/2016	Cs-137	3.64E+00	2.28E+00	3.04E+00	UI
WD	STJ	392609023	3/2/2016	Fe-59	1.97E+00	1.75E+00	5.96E+00	U
WD	STJ	392609023	3/2/2016	I-131	1.45E+00	1.52E+00	5.14E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	392609023	3/2/2016	K-40	5.85E+00	1.24E+01	4.32E+01	U
WD	STJ	392609023	3/2/2016	La-140	7.67E-01	1.46E+00	4.88E+00	U
WD	STJ	392609023	3/2/2016	Mn-54	1.74E+00	9.58E-01	3.09E+00	U
WD	STJ	392609023	3/2/2016	Nb-95	9.82E-01	9.22E-01	3.06E+00	U
WD	STJ	392609023	3/2/2016	Ru-103	-8.23E-01	9.93E-01	3.14E+00	U
WD	STJ	392609023	3/2/2016	Ru-106	4.13E+00	8.27E+00	2.76E+01	U
WD	STJ	392609023	3/2/2016	Sb-124	-2.33E+00	2.34E+00	6.74E+00	U
WD	STJ	392609023	3/2/2016	Sb-125	4.39E+00	3.01E+00	8.27E+00	U
WD	STJ	392609023	3/2/2016	Se-75	-3.19E-01	1.33E+00	4.26E+00	U
WD	STJ	392609023	3/2/2016	Th-228	5.68E+00	2.99E+00	5.28E+00	UI
WD	STJ	392609023	3/2/2016	Zn-65	-2.11E+00	2.22E+00	5.66E+00	U
WD	STJ	392609023	3/2/2016	Zr-95	3.20E+00	1.79E+00	5.78E+00	U
WD	STJ	392609024	3/2/2016	I-131	-7.70E-02	2.38E-01	8.03E-01	U
WD	LTW	392609025	3/2/2016	Ac-228	2.43E+00	5.33E+00	1.33E+01	U
WD	LTW	392609025	3/2/2016	Ag-108m	4.66E-01	8.07E-01	2.63E+00	U
WD	LTW	392609025	3/2/2016	Ag-110m	-3.73E-01	1.19E+00	3.78E+00	U
WD	LTW	392609025	3/2/2016	Ba-140	5.04E+00	4.35E+00	1.47E+01	U
WD	LTW	392609025	3/2/2016	Be-7	-6.46E+00	7.71E+00	2.33E+01	U
WD	LTW	392609025	3/2/2016	BETA	2.83E+00	1.22E+00	3.28E+00	U
WD	LTW	392609025	3/2/2016	Ce-141	1.97E+00	2.10E+00	4.76E+00	U
WD	LTW	392609025	3/2/2016	Ce-144	-3.34E-01	6.07E+00	1.93E+01	U
WD	LTW	392609025	3/2/2016	Co-57	-5.15E-01	7.72E-01	2.40E+00	U
WD	LTW	392609025	3/2/2016	Co-58	8.43E-02	9.06E-01	2.97E+00	U
WD	LTW	392609025	3/2/2016	Co-60	-2.07E+00	1.13E+00	2.53E+00	U
WD	LTW	392609025	3/2/2016	Cr-51	-9.70E+00	8.47E+00	2.58E+01	U
WD	LTW	392609025	3/2/2016	Cs-134	-7.13E-01	8.65E-01	2.64E+00	U
WD	LTW	392609025	3/2/2016	Cs-137	1.40E-01	8.49E-01	2.83E+00	U
WD	LTW	392609025	3/2/2016	Fe-59	1.29E+00	1.67E+00	5.72E+00	U
WD	LTW	392609025	3/2/2016	I-131	1.03E+00	1.55E+00	4.75E+00	U
WD	LTW	392609025	3/2/2016	K-40	9.75E+00	1.29E+01	2.31E+01	U
WD	LTW	392609025	3/2/2016	La-140	2.31E+00	1.68E+00	5.62E+00	U
WD	LTW	392609025	3/2/2016	Mn-54	-1.27E-01	8.58E-01	2.77E+00	U
WD	LTW	392609025	3/2/2016	Nb-95	8.42E-01	9.80E-01	3.26E+00	U
WD	LTW	392609025	3/2/2016	Ru-103	-1.16E+00	9.07E-01	2.77E+00	U
WD	LTW	392609025	3/2/2016	Ru-106	-8.44E+00	7.74E+00	2.36E+01	U
WD	LTW	392609025	3/2/2016	Sb-124	8.72E-01	2.23E+00	7.63E+00	U
WD	LTW	392609025	3/2/2016	Sb-125	-2.71E-02	2.30E+00	7.39E+00	U
WD	LTW	392609025	3/2/2016	Se-75	-1.47E+00	1.18E+00	3.60E+00	U
WD	LTW	392609025	3/2/2016	Th-228	7.07E+00	3.47E+00	6.45E+00	UI
WD	LTW	392609025	3/2/2016	Zn-65	1.39E+00	2.15E+00	6.39E+00	U
WD	LTW	392609025	3/2/2016	Zr-95	4.53E+00	2.33E+00	5.42E+00	U
WD	LTW	392609026	3/2/2016	I-131	9.72E-02	2.63E-01	8.51E-01	U
WD	STJ	393504023	3/16/2016	Ac-228	1.15E+00	6.59E+00	2.23E+01	U
WD	STJ	393504023	3/16/2016	Ag-108m	1.31E+00	1.37E+00	4.71E+00	U
WD	STJ	393504023	3/16/2016	Ag-110m	6.66E-01	2.33E+00	7.95E+00	U
WD	STJ	393504023	3/16/2016	Ba-140	-3.77E+00	7.43E+00	2.33E+01	U
WD	STJ	393504023	3/16/2016	Be-7	1.55E+01	1.38E+01	4.73E+01	U
WD	STJ	393504023	3/16/2016	BETA	1.65E+00	1.16E+00	3.45E+00	U
WD	STJ	393504023	3/16/2016	Ce-141	-3.39E+00	3.40E+00	9.18E+00	U
WD	STJ	393504023	3/16/2016	Ce-144	1.26E+01	1.05E+01	3.35E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	393504023	3/16/2016	Co-57	1.01E+00	1.25E+00	4.18E+00	U
WD	STJ	393504023	3/16/2016	Co-58	-8.79E-01	1.71E+00	5.44E+00	U
WD	STJ	393504023	3/16/2016	Co-60	3.21E+00	1.75E+00	5.90E+00	U
WD	STJ	393504023	3/16/2016	Cr-51	9.47E+00	1.34E+01	4.60E+01	U
WD	STJ	393504023	3/16/2016	Cs-134	-5.09E-01	1.81E+00	5.94E+00	U
WD	STJ	393504023	3/16/2016	Cs-137	1.49E+00	1.85E+00	6.25E+00	U
WD	STJ	393504023	3/16/2016	Fe-59	7.97E-01	3.01E+00	1.02E+01	U
WD	STJ	393504023	3/16/2016	I-131	4.07E-01	2.55E+00	8.60E+00	U
WD	STJ	393504023	3/16/2016	K-40	-2.30E+01	2.23E+01	7.39E+01	U
WD	STJ	393504023	3/16/2016	La-140	-7.05E+00	3.14E+00	5.17E+00	U
WD	STJ	393504023	3/16/2016	Mn-54	4.97E-01	1.84E+00	5.49E+00	U
WD	STJ	393504023	3/16/2016	Nb-95	1.74E+00	1.62E+00	5.74E+00	U
WD	STJ	393504023	3/16/2016	Ru-103	2.01E+00	1.69E+00	5.77E+00	U
WD	STJ	393504023	3/16/2016	Ru-106	-8.97E+00	1.51E+01	4.64E+01	U
WD	STJ	393504023	3/16/2016	Sb-124	1.35E+00	4.24E+00	1.46E+01	U
WD	STJ	393504023	3/16/2016	Sb-125	8.58E-01	4.52E+00	1.52E+01	U
WD	STJ	393504023	3/16/2016	Se-75	2.24E+00	2.12E+00	6.96E+00	U
WD	STJ	393504023	3/16/2016	Th-228	3.98E+00	3.66E+00	8.39E+00	U
WD	STJ	393504023	3/16/2016	Zn-65	5.58E+00	4.19E+00	1.34E+01	U
WD	STJ	393504023	3/16/2016	Zr-95	4.17E+00	3.50E+00	1.18E+01	U
WD	STJ	393504024	3/16/2016	I-131	-4.94E-01	2.26E-01	8.37E-01	U
WD	LTW	393504025	3/16/2016	Ac-228	-2.43E+00	6.71E+00	1.94E+01	U
WD	LTW	393504025	3/16/2016	Ag-108m	-1.16E+00	1.15E+00	3.34E+00	U
WD	LTW	393504025	3/16/2016	Ag-110m	-1.56E-01	1.96E+00	6.36E+00	U
WD	LTW	393504025	3/16/2016	Ba-140	3.78E+00	6.04E+00	2.03E+01	U
WD	LTW	393504025	3/16/2016	Be-7	-2.98E+00	1.38E+01	4.42E+01	U
WD	LTW	393504025	3/16/2016	BETA	-7.20E-01	1.01E+00	3.45E+00	U
WD	LTW	393504025	3/16/2016	Ce-141	-2.18E+00	2.40E+00	7.30E+00	U
WD	LTW	393504025	3/16/2016	Ce-144	1.84E+01	1.22E+01	3.11E+01	U
WD	LTW	393504025	3/16/2016	Co-57	8.80E-01	1.16E+00	3.88E+00	U
WD	LTW	393504025	3/16/2016	Co-58	-1.79E+00	1.54E+00	3.72E+00	U
WD	LTW	393504025	3/16/2016	Co-60	2.85E+00	1.78E+00	6.37E+00	U
WD	LTW	393504025	3/16/2016	Cr-51	1.93E+01	1.23E+01	4.39E+01	U
WD	LTW	393504025	3/16/2016	Cs-134	3.86E+00	1.69E+00	4.97E+00	U
WD	LTW	393504025	3/16/2016	Cs-137	-2.93E-01	1.60E+00	5.29E+00	U
WD	LTW	393504025	3/16/2016	Fe-59	2.69E-02	3.79E+00	1.10E+01	U
WD	LTW	393504025	3/16/2016	I-131	3.12E+00	2.67E+00	9.05E+00	U
WD	LTW	393504025	3/16/2016	K-40	5.58E+00	1.78E+01	6.37E+01	U
WD	LTW	393504025	3/16/2016	La-140	-2.74E+00	2.47E+00	6.43E+00	U
WD	LTW	393504025	3/16/2016	Mn-54	1.69E+00	1.33E+00	4.68E+00	U
WD	LTW	393504025	3/16/2016	Nb-95	1.15E+00	1.47E+00	5.10E+00	U
WD	LTW	393504025	3/16/2016	Ru-103	-2.65E+00	1.73E+00	4.60E+00	U
WD	LTW	393504025	3/16/2016	Ru-106	-1.72E+01	1.23E+01	3.44E+01	U
WD	LTW	393504025	3/16/2016	Sb-124	-2.12E+00	4.46E+00	1.34E+01	U
WD	LTW	393504025	3/16/2016	Sb-125	6.86E+00	4.05E+00	1.36E+01	U
WD	LTW	393504025	3/16/2016	Se-75	1.45E+00	1.81E+00	6.23E+00	U
WD	LTW	393504025	3/16/2016	Th-228	6.65E+00	3.84E+00	7.82E+00	U
WD	LTW	393504025	3/16/2016	Zn-65	5.02E+00	3.51E+00	1.15E+01	U
WD	LTW	393504025	3/16/2016	Zr-95	6.47E+00	2.65E+00	9.07E+00	U
WD	LTW	393504026	3/16/2016	I-131	-4.19E-01	1.99E-01	7.81E-01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	394190023	3/30/2016	Ac-228	4.10E+00	5.83E+00	1.97E+01	U
WD	STJ	394190023	3/30/2016	Ag-108m	2.69E+00	1.33E+00	4.24E+00	U
WD	STJ	394190023	3/30/2016	Ag-110m	-8.90E-01	1.37E+00	4.16E+00	U
WD	STJ	394190023	3/30/2016	Ba-140	7.38E-01	5.71E+00	1.89E+01	U
WD	STJ	394190023	3/30/2016	Be-7	-1.03E+01	1.01E+01	2.99E+01	U
WD	STJ	394190023	3/30/2016	BETA	1.55E+00	9.17E-01	2.53E+00	U
WD	STJ	394190023	3/30/2016	Ce-141	1.24E+00	2.69E+00	6.92E+00	U
WD	STJ	394190023	3/30/2016	Ce-144	9.22E+00	7.54E+00	2.56E+01	U
WD	STJ	394190023	3/30/2016	Co-57	1.06E-01	1.02E+00	3.44E+00	U
WD	STJ	394190023	3/30/2016	Co-58	-2.19E-01	1.18E+00	3.89E+00	U
WD	STJ	394190023	3/30/2016	Co-60	-3.05E+00	1.63E+00	3.94E+00	U
WD	STJ	394190023	3/30/2016	Cr-51	1.70E+01	1.16E+01	3.99E+01	U
WD	STJ	394190023	3/30/2016	Cs-134	-1.57E-01	1.12E+00	3.71E+00	U
WD	STJ	394190023	3/30/2016	Cs-137	-3.37E-01	1.30E+00	4.07E+00	U
WD	STJ	394190023	3/30/2016	Fe-59	4.57E-01	2.48E+00	8.22E+00	U
WD	STJ	394190023	3/30/2016	I-131	3.85E+00	2.14E+00	7.24E+00	U
WD	STJ	394190023	3/30/2016	K-40	-6.60E+00	1.53E+01	5.33E+01	U
WD	STJ	394190023	3/30/2016	La-140	-5.03E-01	1.65E+00	5.17E+00	U
WD	STJ	394190023	3/30/2016	Mn-54	3.15E+00	1.77E+00	3.57E+00	U
WD	STJ	394190023	3/30/2016	Nb-95	2.72E+00	1.44E+00	4.83E+00	U
WD	STJ	394190023	3/30/2016	Ru-103	-1.44E+00	1.35E+00	3.99E+00	U
WD	STJ	394190023	3/30/2016	Ru-106	-1.81E+01	1.30E+01	3.50E+01	U
WD	STJ	394190023	3/30/2016	Sb-124	3.46E+00	4.10E+00	1.43E+01	U
WD	STJ	394190023	3/30/2016	Sb-125	2.94E+00	3.60E+00	1.24E+01	U
WD	STJ	394190023	3/30/2016	Se-75	-9.98E-01	1.70E+00	5.23E+00	U
WD	STJ	394190023	3/30/2016	Th-228	2.76E+00	3.76E+00	9.75E+00	U
WD	STJ	394190023	3/30/2016	Zn-65	2.15E+00	3.27E+00	9.89E+00	U
WD	STJ	394190023	3/30/2016	Zr-95	-3.94E-01	2.03E+00	6.71E+00	U
WD	STJ	394190024	3/30/2016	I-131	-3.24E-01	2.32E-01	8.30E-01	U
WD	LTW	394190025	3/30/2016	Ac-228	3.54E+00	5.77E+00	1.88E+01	U
WD	LTW	394190025	3/30/2016	Ag-108m	-5.13E-02	1.08E+00	3.59E+00	U
WD	LTW	394190025	3/30/2016	Ag-110m	2.15E+00	1.68E+00	5.72E+00	U
WD	LTW	394190025	3/30/2016	Ba-140	-4.17E+00	5.64E+00	1.75E+01	U
WD	LTW	394190025	3/30/2016	Be-7	3.20E+01	1.36E+01	4.01E+01	U
WD	LTW	394190025	3/30/2016	BETA	2.81E+00	1.09E+00	3.22E+00	U
WD	LTW	394190025	3/30/2016	Ce-141	2.48E+00	2.74E+00	7.90E+00	U
WD	LTW	394190025	3/30/2016	Ce-144	-5.40E+00	8.61E+00	2.77E+01	U
WD	LTW	394190025	3/30/2016	Co-57	5.13E-01	1.12E+00	3.75E+00	U
WD	LTW	394190025	3/30/2016	Co-58	-1.99E-02	1.25E+00	4.05E+00	U
WD	LTW	394190025	3/30/2016	Co-60	2.48E-01	1.25E+00	4.19E+00	U
WD	LTW	394190025	3/30/2016	Cr-51	-1.88E+01	1.24E+01	3.38E+01	U
WD	LTW	394190025	3/30/2016	Cs-134	2.71E+00	1.37E+00	4.61E+00	U
WD	LTW	394190025	3/30/2016	Cs-137	6.41E-02	1.35E+00	4.36E+00	U
WD	LTW	394190025	3/30/2016	Fe-59	5.44E+00	2.65E+00	8.55E+00	U
WD	LTW	394190025	3/30/2016	I-131	7.94E-01	1.92E+00	6.59E+00	U
WD	LTW	394190025	3/30/2016	K-40	1.25E+01	1.62E+01	3.13E+01	U
WD	LTW	394190025	3/30/2016	La-140	4.59E-01	1.97E+00	6.56E+00	U
WD	LTW	394190025	3/30/2016	Mn-54	1.16E+00	1.28E+00	4.32E+00	U
WD	LTW	394190025	3/30/2016	Nb-95	6.45E-01	1.11E+00	3.74E+00	U
WD	LTW	394190025	3/30/2016	Ru-103	-1.64E+00	1.59E+00	4.07E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	394190025	3/30/2016	Ru-106	-2.73E+00	1.17E+01	3.77E+01	U
WD	LTW	394190025	3/30/2016	Sb-124	-3.80E+00	2.68E+00	6.21E+00	U
WD	LTW	394190025	3/30/2016	Sb-125	1.11E+00	4.23E+00	1.25E+01	U
WD	LTW	394190025	3/30/2016	Se-75	1.71E+00	1.82E+00	5.99E+00	U
WD	LTW	394190025	3/30/2016	Th-228	1.10E-02	2.74E+00	8.88E+00	U
WD	LTW	394190025	3/30/2016	Zn-65	2.68E+00	2.49E+00	8.72E+00	U
WD	LTW	394190025	3/30/2016	Zr-95	2.47E+00	1.97E+00	6.79E+00	U
WD	LTW	394190026	3/30/2016	I-131	-2.61E-01	2.44E-01	8.49E-01	U
WD	STJ	395460023	4/13/2016	Ac-228	1.38E+01	6.26E+00	1.84E+01	U
WD	STJ	395460023	4/13/2016	Ag-108m	-1.65E-02	1.11E+00	3.61E+00	U
WD	STJ	395460023	4/13/2016	Ag-110m	-5.13E-01	1.76E+00	5.58E+00	U
WD	STJ	395460023	4/13/2016	Ba-140	-1.37E+01	7.40E+00	1.79E+01	U
WD	STJ	395460023	4/13/2016	Be-7	9.94E+00	1.25E+01	3.90E+01	U
WD	STJ	395460023	4/13/2016	BETA	-1.83E+00	1.06E+00	3.69E+00	U
WD	STJ	395460023	4/13/2016	Ce-141	-7.65E-01	2.73E+00	7.66E+00	U
WD	STJ	395460023	4/13/2016	Ce-144	-2.88E+00	9.10E+00	2.92E+01	U
WD	STJ	395460023	4/13/2016	Co-57	3.27E-02	1.16E+00	3.81E+00	U
WD	STJ	395460023	4/13/2016	Co-58	-1.67E+00	1.30E+00	3.55E+00	U
WD	STJ	395460023	4/13/2016	Co-60	-1.76E+00	1.46E+00	3.98E+00	U
WD	STJ	395460023	4/13/2016	Cr-51	-2.54E+01	1.34E+01	3.52E+01	U
WD	STJ	395460023	4/13/2016	Cs-134	-8.78E-03	1.16E+00	3.79E+00	U
WD	STJ	395460023	4/13/2016	Cs-137	-2.16E-01	1.09E+00	3.55E+00	U
WD	STJ	395460023	4/13/2016	Fe-59	2.23E-01	2.19E+00	7.40E+00	U
WD	STJ	395460023	4/13/2016	I-131	2.97E+00	2.28E+00	7.68E+00	U
WD	STJ	395460023	4/13/2016	K-40	6.36E+01	1.85E+01	3.05E+01	UI
WD	STJ	395460023	4/13/2016	La-140	1.09E+00	1.94E+00	6.58E+00	U
WD	STJ	395460023	4/13/2016	Mn-54	-9.33E-01	1.24E+00	3.73E+00	U
WD	STJ	395460023	4/13/2016	Nb-95	7.98E-01	1.37E+00	4.66E+00	U
WD	STJ	395460023	4/13/2016	Ru-103	-1.36E+00	1.67E+00	4.24E+00	U
WD	STJ	395460023	4/13/2016	Ru-106	-2.53E+00	1.14E+01	3.76E+01	U
WD	STJ	395460023	4/13/2016	Sb-124	-1.14E+00	2.80E+00	8.84E+00	U
WD	STJ	395460023	4/13/2016	Sb-125	2.25E+00	3.69E+00	1.23E+01	U
WD	STJ	395460023	4/13/2016	Se-75	-1.42E+00	1.89E+00	6.04E+00	U
WD	STJ	395460023	4/13/2016	Th-228	8.75E-01	3.00E+00	1.01E+01	U
WD	STJ	395460023	4/13/2016	Zn-65	-1.83E+00	2.83E+00	8.80E+00	U
WD	STJ	395460023	4/13/2016	Zr-95	3.12E+00	2.37E+00	8.22E+00	U
WD	STJ	395460024	4/13/2016	I-131	3.76E-01	2.82E-01	8.25E-01	U
WD	LTW	395460025	4/13/2016	Ac-228	7.18E+00	8.25E+00	2.46E+01	U
WD	LTW	395460025	4/13/2016	Ag-108m	3.59E-01	1.39E+00	4.67E+00	U
WD	LTW	395460025	4/13/2016	Ag-110m	-2.75E-02	2.20E+00	7.33E+00	U
WD	LTW	395460025	4/13/2016	Ba-140	3.19E+00	8.16E+00	2.36E+01	U
WD	LTW	395460025	4/13/2016	Be-7	1.10E+01	1.28E+01	4.40E+01	U
WD	LTW	395460025	4/13/2016	BETA	1.46E+00	9.48E-01	2.69E+00	U
WD	LTW	395460025	4/13/2016	Ce-141	9.46E-01	4.75E+00	7.71E+00	U
WD	LTW	395460025	4/13/2016	Ce-144	-1.63E+01	1.01E+01	2.88E+01	U
WD	LTW	395460025	4/13/2016	Co-57	-9.48E-01	1.32E+00	3.62E+00	U
WD	LTW	395460025	4/13/2016	Co-58	2.50E+00	1.77E+00	6.25E+00	U
WD	LTW	395460025	4/13/2016	Co-60	-4.46E-01	1.65E+00	5.15E+00	U
WD	LTW	395460025	4/13/2016	Cr-51	2.23E+01	1.55E+01	5.25E+01	U
WD	LTW	395460025	4/13/2016	Cs-134	9.31E+00	2.77E+00	6.34E+00	UI

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	395460025	4/13/2016	Cs-137	-6.28E-01	1.96E+00	6.18E+00	U
WD	LTW	395460025	4/13/2016	Fe-59	-3.39E-02	3.63E+00	1.19E+01	U
WD	LTW	395460025	4/13/2016	I-131	-6.50E-01	2.85E+00	9.41E+00	U
WD	LTW	395460025	4/13/2016	K-40	2.44E+01	2.51E+01	8.74E+01	U
WD	LTW	395460025	4/13/2016	La-140	-3.62E+00	3.07E+00	8.34E+00	U
WD	LTW	395460025	4/13/2016	Mn-54	-1.88E+00	1.62E+00	4.67E+00	U
WD	LTW	395460025	4/13/2016	Nb-95	-1.43E+00	1.76E+00	5.02E+00	U
WD	LTW	395460025	4/13/2016	Ru-103	1.10E+00	1.93E+00	6.52E+00	U
WD	LTW	395460025	4/13/2016	Ru-106	-1.66E+01	1.52E+01	4.36E+01	U
WD	LTW	395460025	4/13/2016	Sb-124	1.39E+00	4.51E+00	1.55E+01	U
WD	LTW	395460025	4/13/2016	Sb-125	-5.20E+00	4.26E+00	1.24E+01	U
WD	LTW	395460025	4/13/2016	Se-75	1.26E+00	1.87E+00	6.17E+00	U
WD	LTW	395460025	4/13/2016	Th-228	4.50E+00	3.73E+00	9.99E+00	U
WD	LTW	395460025	4/13/2016	Zn-65	-3.22E+00	4.65E+00	1.42E+01	U
WD	LTW	395460025	4/13/2016	Zr-95	2.28E+00	3.03E+00	9.18E+00	U
WD	LTW	395460026	4/13/2016	I-131	1.47E-01	2.48E-01	7.79E-01	U
WD	STJ	396336023	4/27/2016	Ac-228	-5.84E+00	3.02E+00	5.85E+00	U
WD	STJ	396336023	4/27/2016	Ag-108m	1.54E-01	4.42E-01	1.25E+00	U
WD	STJ	396336023	4/27/2016	Ag-110m	-1.13E+00	6.35E-01	1.76E+00	U
WD	STJ	396336023	4/27/2016	Ba-140	2.22E+00	2.30E+00	6.72E+00	U
WD	STJ	396336023	4/27/2016	Be-7	-5.92E+00	3.99E+00	1.16E+01	U
WD	STJ	396336023	4/27/2016	BETA	4.15E-01	1.05E+00	3.34E+00	U
WD	STJ	396336023	4/27/2016	Ce-141	5.68E-01	7.99E-01	2.53E+00	U
WD	STJ	396336023	4/27/2016	Ce-144	-4.50E-02	2.92E+00	9.32E+00	U
WD	STJ	396336023	4/27/2016	Co-57	1.42E-01	3.77E-01	1.21E+00	U
WD	STJ	396336023	4/27/2016	Co-58	-2.94E-01	4.40E-01	1.39E+00	U
WD	STJ	396336023	4/27/2016	Co-60	6.06E-01	4.45E-01	1.45E+00	U
WD	STJ	396336023	4/27/2016	Cr-51	-3.12E+00	4.16E+00	1.28E+01	U
WD	STJ	396336023	4/27/2016	Cs-134	-1.25E+00	7.46E-01	1.41E+00	U
WD	STJ	396336023	4/27/2016	Cs-137	1.45E-01	4.31E-01	1.43E+00	U
WD	STJ	396336023	4/27/2016	Fe-59	-1.40E+00	8.73E-01	2.54E+00	U
WD	STJ	396336023	4/27/2016	I-131	7.35E-01	7.56E-01	2.44E+00	U
WD	STJ	396336023	4/27/2016	K-40	-9.46E+00	8.53E+00	1.98E+01	U
WD	STJ	396336023	4/27/2016	La-140	1.49E+00	8.42E-01	2.35E+00	U
WD	STJ	396336023	4/27/2016	Mn-54	-2.93E-01	4.26E-01	1.35E+00	U
WD	STJ	396336023	4/27/2016	Nb-95	8.54E-01	4.70E-01	1.46E+00	U
WD	STJ	396336023	4/27/2016	Ru-103	1.48E-01	4.99E-01	1.47E+00	U
WD	STJ	396336023	4/27/2016	Ru-106	-2.31E+00	3.91E+00	1.27E+01	U
WD	STJ	396336023	4/27/2016	Sb-124	-7.26E-01	9.89E-01	3.18E+00	U
WD	STJ	396336023	4/27/2016	Sb-125	1.30E+00	1.24E+00	3.95E+00	U
WD	STJ	396336023	4/27/2016	Se-75	-3.86E-01	5.74E-01	1.86E+00	U
WD	STJ	396336023	4/27/2016	Th-228	-1.24E-01	1.34E+00	2.86E+00	U
WD	STJ	396336023	4/27/2016	Zn-65	3.45E-01	9.38E-01	2.73E+00	U
WD	STJ	396336023	4/27/2016	Zr-95	-5.47E-01	7.52E-01	2.31E+00	U
WD	STJ	396336024	4/27/2016	I-131	6.05E-02	6.42E-02	2.08E-01	U
WD	LTW	396336025	4/27/2016	Ac-228	-2.79E+00	2.70E+00	6.01E+00	U
WD	LTW	396336025	4/27/2016	Ag-108m	-2.06E-01	4.05E-01	1.32E+00	U
WD	LTW	396336025	4/27/2016	Ag-110m	-9.98E-01	5.66E-01	1.62E+00	U
WD	LTW	396336025	4/27/2016	Ba-140	-1.05E+00	2.09E+00	6.71E+00	U
WD	LTW	396336025	4/27/2016	Be-7	1.92E+00	4.17E+00	1.21E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	396336025	4/27/2016	BETA	2.36E+00	1.16E+00	3.14E+00	U
WD	LTW	396336025	4/27/2016	Ce-141	9.00E-01	8.45E-01	2.69E+00	U
WD	LTW	396336025	4/27/2016	Ce-144	-4.50E+00	3.30E+00	9.98E+00	U
WD	LTW	396336025	4/27/2016	Co-57	1.03E-01	4.09E-01	1.34E+00	U
WD	LTW	396336025	4/27/2016	Co-58	-7.34E-02	4.07E-01	1.36E+00	U
WD	LTW	396336025	4/27/2016	Co-60	-3.26E-01	7.80E-01	1.64E+00	U
WD	LTW	396336025	4/27/2016	Cr-51	1.09E+00	4.15E+00	1.40E+01	U
WD	LTW	396336025	4/27/2016	Cs-134	-3.48E-02	5.00E-01	1.46E+00	U
WD	LTW	396336025	4/27/2016	Cs-137	4.40E-01	4.32E-01	1.39E+00	U
WD	LTW	396336025	4/27/2016	Fe-59	-6.90E-01	8.22E-01	2.58E+00	U
WD	LTW	396336025	4/27/2016	I-131	4.48E-01	7.37E-01	2.46E+00	U
WD	LTW	396336025	4/27/2016	K-40	-3.08E+00	1.02E+01	1.99E+01	U
WD	LTW	396336025	4/27/2016	La-140	-3.82E-01	6.39E-01	2.08E+00	U
WD	LTW	396336025	4/27/2016	Mn-54	-5.65E-01	4.09E-01	1.25E+00	U
WD	LTW	396336025	4/27/2016	Nb-95	1.34E-03	7.33E-01	1.45E+00	U
WD	LTW	396336025	4/27/2016	Ru-103	-1.79E-01	4.54E-01	1.47E+00	U
WD	LTW	396336025	4/27/2016	Ru-106	-3.09E+00	3.83E+00	1.19E+01	U
WD	LTW	396336025	4/27/2016	Sb-124	-1.67E+00	1.04E+00	3.01E+00	U
WD	LTW	396336025	4/27/2016	Sb-125	-1.81E+00	1.23E+00	3.71E+00	U
WD	LTW	396336025	4/27/2016	Se-75	-5.29E-01	5.99E-01	1.96E+00	U
WD	LTW	396336025	4/27/2016	Th-228	-1.40E+00	1.54E+00	3.07E+00	U
WD	LTW	396336025	4/27/2016	Zn-65	-1.41E+00	9.55E-01	2.79E+00	U
WD	LTW	396336025	4/27/2016	Zr-95	-1.60E+00	8.03E-01	2.26E+00	U
WD	LTW	396336026	4/27/2016	I-131	-8.56E-02	5.20E-02	1.78E-01	U
WD	STJ	397370023	5/11/2016	Ac-228	1.96E+00	4.84E+00	9.03E+00	U
WD	STJ	397370023	5/11/2016	Ag-108m	-2.47E-01	5.30E-01	1.75E+00	U
WD	STJ	397370023	5/11/2016	Ag-110m	-3.25E-01	7.77E-01	2.54E+00	U
WD	STJ	397370023	5/11/2016	Ba-140	2.02E+00	3.89E+00	1.30E+01	U
WD	STJ	397370023	5/11/2016	Be-7	5.04E+00	5.42E+00	1.81E+01	U
WD	STJ	397370023	5/11/2016	BETA	1.78E+00	1.08E+00	3.05E+00	U
WD	STJ	397370023	5/11/2016	Ce-141	8.29E-01	1.30E+00	4.23E+00	U
WD	STJ	397370023	5/11/2016	Ce-144	-9.67E-01	4.10E+00	1.38E+01	U
WD	STJ	397370023	5/11/2016	Co-57	4.00E-01	5.38E-01	1.82E+00	U
WD	STJ	397370023	5/11/2016	Co-58	1.33E-01	6.14E-01	2.07E+00	U
WD	STJ	397370023	5/11/2016	Co-60	-5.59E-02	6.54E-01	2.10E+00	U
WD	STJ	397370023	5/11/2016	Cr-51	-9.14E-01	7.00E+00	2.26E+01	U
WD	STJ	397370023	5/11/2016	Cs-134	8.16E-01	6.55E-01	2.19E+00	U
WD	STJ	397370023	5/11/2016	Cs-137	8.87E-01	6.57E-01	2.12E+00	U
WD	STJ	397370023	5/11/2016	Fe-59	3.59E-01	1.42E+00	4.68E+00	U
WD	STJ	397370023	5/11/2016	I-131	-5.87E-01	1.68E+00	5.33E+00	U
WD	STJ	397370023	5/11/2016	K-40	-2.53E+01	1.37E+01	2.82E+01	U
WD	STJ	397370023	5/11/2016	La-140	8.93E-01	1.47E+00	4.30E+00	U
WD	STJ	397370023	5/11/2016	Mn-54	1.14E+00	6.27E-01	2.02E+00	U
WD	STJ	397370023	5/11/2016	Nb-95	3.14E-01	6.49E-01	2.11E+00	U
WD	STJ	397370023	5/11/2016	Ru-103	-1.24E+00	7.64E-01	2.25E+00	U
WD	STJ	397370023	5/11/2016	Ru-106	-7.39E-01	5.26E+00	1.72E+01	U
WD	STJ	397370023	5/11/2016	Sb-124	-4.66E-01	1.46E+00	4.71E+00	U
WD	STJ	397370023	5/11/2016	Sb-125	-4.42E-01	1.66E+00	5.53E+00	U
WD	STJ	397370023	5/11/2016	Se-75	-1.27E+00	9.23E-01	2.77E+00	U
WD	STJ	397370023	5/11/2016	Th-228	-7.44E-01	2.26E+00	4.84E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	397370023	5/11/2016	Zn-65	-9.49E-01	1.35E+00	4.23E+00	U
WD	STJ	397370023	5/11/2016	Zr-95	6.66E-01	1.28E+00	3.63E+00	U
WD	STJ	397370024	5/11/2016	I-131	2.34E-01	2.98E-01	9.69E-01	U
WD	LTW	397370025	5/11/2016	Ac-228	-3.34E+00	3.24E+00	6.69E+00	U
WD	LTW	397370025	5/11/2016	Ag-108m	2.58E-01	4.16E-01	1.39E+00	U
WD	LTW	397370025	5/11/2016	Ag-110m	-2.86E-01	6.66E-01	2.16E+00	U
WD	LTW	397370025	5/11/2016	Ba-140	7.42E-01	3.09E+00	1.02E+01	U
WD	LTW	397370025	5/11/2016	Be-7	-1.92E+00	5.18E+00	1.47E+01	U
WD	LTW	397370025	5/11/2016	BETA	1.65E+00	1.08E+00	3.10E+00	U
WD	LTW	397370025	5/11/2016	Ce-141	-4.65E+00	1.94E+00	3.05E+00	U
WD	LTW	397370025	5/11/2016	Ce-144	2.13E-01	3.25E+00	1.09E+01	U
WD	LTW	397370025	5/11/2016	Co-57	3.09E-01	4.29E-01	1.44E+00	U
WD	LTW	397370025	5/11/2016	Co-58	-6.85E-01	5.44E-01	1.65E+00	U
WD	LTW	397370025	5/11/2016	Co-60	5.55E-01	5.62E-01	1.91E+00	U
WD	LTW	397370025	5/11/2016	Cr-51	-4.00E+00	5.37E+00	1.77E+01	U
WD	LTW	397370025	5/11/2016	Cs-134	9.37E-01	5.59E-01	1.83E+00	U
WD	LTW	397370025	5/11/2016	Cs-137	-1.93E-01	4.77E-01	1.50E+00	U
WD	LTW	397370025	5/11/2016	Fe-59	-6.33E-01	1.12E+00	3.54E+00	U
WD	LTW	397370025	5/11/2016	I-131	3.47E+00	1.57E+00	4.79E+00	U
WD	LTW	397370025	5/11/2016	K-40	2.19E+01	1.11E+01	1.60E+01	UI
WD	LTW	397370025	5/11/2016	La-140	-1.61E+00	1.12E+00	3.19E+00	U
WD	LTW	397370025	5/11/2016	Mn-54	-1.49E+00	8.22E-01	1.62E+00	U
WD	LTW	397370025	5/11/2016	Nb-95	9.34E-02	5.08E-01	1.71E+00	U
WD	LTW	397370025	5/11/2016	Ru-103	1.25E-02	6.21E-01	1.79E+00	U
WD	LTW	397370025	5/11/2016	Ru-106	-2.61E+00	4.56E+00	1.43E+01	U
WD	LTW	397370025	5/11/2016	Sb-124	-9.80E-01	1.31E+00	4.02E+00	U
WD	LTW	397370025	5/11/2016	Sb-125	5.39E-01	1.30E+00	4.35E+00	U
WD	LTW	397370025	5/11/2016	Se-75	-7.60E-03	6.98E-01	2.24E+00	U
WD	LTW	397370025	5/11/2016	Th-228	1.61E+00	2.08E+00	3.67E+00	U
WD	LTW	397370025	5/11/2016	Zn-65	5.54E-01	1.12E+00	3.68E+00	U
WD	LTW	397370025	5/11/2016	Zr-95	1.36E+00	9.62E-01	3.20E+00	U
WD	LTW	397370026	5/11/2016	I-131	-2.11E-01	2.39E-01	8.00E-01	U
WD	STJ	403180001	6/22/2016	H-3	3.45E+02	4.14E+02	1.31E+03	U
WD	LTW	403180002	6/22/2016	H-3	2.39E+02	3.96E+02	1.26E+03	U
WD	STJ	398279023	5/25/2016	Ac-228	1.15E+01	7.45E+00	2.53E+01	U
WD	STJ	398279023	5/25/2016	Ag-108m	8.46E-01	1.40E+00	4.64E+00	U
WD	STJ	398279023	5/25/2016	Ag-110m	-2.02E+00	1.91E+00	5.37E+00	U
WD	STJ	398279023	5/25/2016	Ba-140	1.03E+01	1.16E+01	3.84E+01	U
WD	STJ	398279023	5/25/2016	Be-7	-2.79E+01	1.70E+01	4.41E+01	U
WD	STJ	398279023	5/25/2016	BETA	-1.08E+00	8.09E-01	2.90E+00	U
WD	STJ	398279023	5/25/2016	Ce-141	-2.29E+00	4.06E+00	1.14E+01	U
WD	STJ	398279023	5/25/2016	Ce-144	2.77E+01	1.28E+01	4.00E+01	U
WD	STJ	398279023	5/25/2016	Co-57	-8.48E-01	1.67E+00	4.84E+00	U
WD	STJ	398279023	5/25/2016	Co-58	-1.02E-01	1.81E+00	5.95E+00	U
WD	STJ	398279023	5/25/2016	Co-60	-7.37E-01	1.70E+00	5.42E+00	U
WD	STJ	398279023	5/25/2016	Cr-51	7.29E+00	1.79E+01	5.97E+01	U
WD	STJ	398279023	5/25/2016	Cs-134	-1.94E+00	1.70E+00	4.90E+00	U
WD	STJ	398279023	5/25/2016	Cs-137	1.22E+00	1.60E+00	5.55E+00	U
WD	STJ	398279023	5/25/2016	Fe-59	5.24E-01	3.50E+00	1.15E+01	U
WD	STJ	398279023	5/25/2016	I-131	-8.34E-01	4.34E+00	1.39E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	398279023	5/25/2016	K-40	1.60E+01	2.39E+01	8.33E+01	U
WD	STJ	398279023	5/25/2016	La-140	1.68E+00	3.71E+00	1.29E+01	U
WD	STJ	398279023	5/25/2016	Mn-54	-7.46E-01	1.47E+00	4.60E+00	U
WD	STJ	398279023	5/25/2016	Nb-95	2.77E+00	1.63E+00	5.71E+00	U
WD	STJ	398279023	5/25/2016	Ru-103	-3.21E+00	1.88E+00	4.67E+00	U
WD	STJ	398279023	5/25/2016	Ru-106	-7.77E+00	1.46E+01	4.68E+01	U
WD	STJ	398279023	5/25/2016	Sb-124	-4.36E+00	4.57E+00	1.29E+01	U
WD	STJ	398279023	5/25/2016	Sb-125	3.72E+00	4.20E+00	1.41E+01	U
WD	STJ	398279023	5/25/2016	Se-75	-3.91E+00	2.47E+00	6.98E+00	U
WD	STJ	398279023	5/25/2016	Th-228	5.94E+00	5.30E+00	1.23E+01	U
WD	STJ	398279023	5/25/2016	Zn-65	7.50E+00	3.78E+00	1.24E+01	U
WD	STJ	398279023	5/25/2016	Zr-95	2.93E+00	2.62E+00	9.25E+00	U
WD	STJ	398279024	5/25/2016	I-131	2.72E-01	2.69E-01	8.37E-01	U
WD	LTW	398279025	5/25/2016	Ac-228	2.38E+00	7.01E+00	1.85E+01	U
WD	LTW	398279025	5/25/2016	Ag-108m	-1.83E+00	1.27E+00	3.62E+00	U
WD	LTW	398279025	5/25/2016	Ag-110m	-1.20E-02	1.50E+00	5.00E+00	U
WD	LTW	398279025	5/25/2016	Ba-140	-6.71E+00	8.52E+00	2.59E+01	U
WD	LTW	398279025	5/25/2016	Be-7	9.89E-01	1.28E+01	4.22E+01	U
WD	LTW	398279025	5/25/2016	BETA	1.68E+00	1.06E+00	2.91E+00	U
WD	LTW	398279025	5/25/2016	Ce-141	1.35E-01	2.74E+00	8.90E+00	U
WD	LTW	398279025	5/25/2016	Ce-144	-6.33E+00	9.37E+00	2.94E+01	U
WD	LTW	398279025	5/25/2016	Co-57	1.82E+00	1.26E+00	4.06E+00	U
WD	LTW	398279025	5/25/2016	Co-58	-1.54E+00	1.44E+00	4.03E+00	U
WD	LTW	398279025	5/25/2016	Co-60	6.53E-01	1.38E+00	6.12E+00	U
WD	LTW	398279025	5/25/2016	Cr-51	9.59E+00	1.58E+01	4.81E+01	U
WD	LTW	398279025	5/25/2016	Cs-134	-9.77E-01	1.47E+00	4.17E+00	U
WD	LTW	398279025	5/25/2016	Cs-137	6.42E+00	2.47E+00	3.40E+00	UI
WD	LTW	398279025	5/25/2016	Fe-59	-3.16E+00	2.33E+00	6.06E+00	U
WD	LTW	398279025	5/25/2016	I-131	1.98E+00	4.08E+00	1.29E+01	U
WD	LTW	398279025	5/25/2016	K-40	-3.52E+01	1.86E+01	5.41E+01	U
WD	LTW	398279025	5/25/2016	La-140	3.48E+00	2.91E+00	1.05E+01	U
WD	LTW	398279025	5/25/2016	Mn-54	3.39E+00	1.91E+00	4.71E+00	U
WD	LTW	398279025	5/25/2016	Nb-95	-5.03E-01	1.25E+00	4.08E+00	U
WD	LTW	398279025	5/25/2016	Ru-103	-2.42E+00	1.52E+00	4.13E+00	U
WD	LTW	398279025	5/25/2016	Ru-106	2.69E+01	1.15E+01	3.74E+01	U
WD	LTW	398279025	5/25/2016	Sb-124	4.51E+00	3.30E+00	1.20E+01	U
WD	LTW	398279025	5/25/2016	Sb-125	6.14E-01	3.49E+00	1.16E+01	U
WD	LTW	398279025	5/25/2016	Se-75	-1.09E+00	2.63E+00	5.46E+00	U
WD	LTW	398279025	5/25/2016	Th-228	-4.24E+00	3.15E+00	8.01E+00	U
WD	LTW	398279025	5/25/2016	Zn-65	-4.36E-01	3.08E+00	1.00E+01	U
WD	LTW	398279025	5/25/2016	Zr-95	8.53E-01	2.00E+00	6.93E+00	U
WD	LTW	398279026	5/25/2016	I-131	4.07E-01	2.87E-01	8.70E-01	U
WD	STJ	399139023	6/8/2016	Ac-228	2.43E+00	5.23E+00	1.32E+01	U
WD	STJ	399139023	6/8/2016	Ag-108m	-3.97E-01	8.42E-01	2.64E+00	U
WD	STJ	399139023	6/8/2016	Ag-110m	-9.68E-01	1.23E+00	3.72E+00	U
WD	STJ	399139023	6/8/2016	Ba-140	6.22E+00	5.79E+00	1.96E+01	U
WD	STJ	399139023	6/8/2016	Be-7	-2.42E+00	8.36E+00	2.79E+01	U
WD	STJ	399139023	6/8/2016	BETA	1.86E+00	1.09E+00	3.06E+00	U
WD	STJ	399139023	6/8/2016	Ce-141	9.21E-02	1.79E+00	5.71E+00	U
WD	STJ	399139023	6/8/2016	Ce-144	4.26E+00	6.08E+00	1.95E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	399139023	6/8/2016	Co-57	7.66E-01	8.02E-01	2.57E+00	U
WD	STJ	399139023	6/8/2016	Co-58	-2.99E-01	9.16E-01	2.92E+00	U
WD	STJ	399139023	6/8/2016	Co-60	1.16E-01	8.23E-01	2.72E+00	U
WD	STJ	399139023	6/8/2016	Cr-51	-9.25E+00	1.01E+01	3.14E+01	U
WD	STJ	399139023	6/8/2016	Cs-134	3.71E-01	9.47E-01	3.13E+00	U
WD	STJ	399139023	6/8/2016	Cs-137	7.37E-01	9.74E-01	3.27E+00	U
WD	STJ	399139023	6/8/2016	Fe-59	-1.58E+00	1.83E+00	5.64E+00	U
WD	STJ	399139023	6/8/2016	I-131	2.55E+00	2.56E+00	8.38E+00	U
WD	STJ	399139023	6/8/2016	K-40	-4.02E+00	1.40E+01	4.34E+01	U
WD	STJ	399139023	6/8/2016	La-140	-1.27E-01	1.61E+00	5.36E+00	U
WD	STJ	399139023	6/8/2016	Mn-54	8.51E-02	8.71E-01	2.84E+00	U
WD	STJ	399139023	6/8/2016	Nb-95	-9.07E-02	9.39E-01	3.05E+00	U
WD	STJ	399139023	6/8/2016	Ru-103	-1.10E+00	1.10E+00	3.47E+00	U
WD	STJ	399139023	6/8/2016	Ru-106	1.03E+01	9.36E+00	2.78E+01	U
WD	STJ	399139023	6/8/2016	Sb-124	7.90E+00	2.47E+00	7.61E+00	UI
WD	STJ	399139023	6/8/2016	Sb-125	-2.15E+00	2.61E+00	7.95E+00	U
WD	STJ	399139023	6/8/2016	Se-75	-4.62E-02	1.17E+00	3.85E+00	U
WD	STJ	399139023	6/8/2016	Th-228	4.14E-01	1.95E+00	6.08E+00	U
WD	STJ	399139023	6/8/2016	Zn-65	2.95E-01	2.18E+00	6.28E+00	U
WD	STJ	399139023	6/8/2016	Zr-95	3.31E-03	1.63E+00	5.32E+00	U
WD	STJ	399139024	6/8/2016	I-131	1.43E-01	2.97E-01	9.70E-01	U
WD	LTW	399139025	6/8/2016	Ac-228	1.31E+01	8.01E+00	2.57E+01	U
WD	LTW	399139025	6/8/2016	Ag-108m	1.08E+00	1.17E+00	3.98E+00	U
WD	LTW	399139025	6/8/2016	Ag-110m	-1.52E+00	2.01E+00	6.20E+00	U
WD	LTW	399139025	6/8/2016	Ba-140	-2.17E+00	9.01E+00	2.89E+01	U
WD	LTW	399139025	6/8/2016	Be-7	-2.17E+01	1.50E+01	3.93E+01	U
WD	LTW	399139025	6/8/2016	BETA	2.32E+00	1.20E+00	3.37E+00	U
WD	LTW	399139025	6/8/2016	Ce-141	-3.98E+00	3.07E+00	8.04E+00	U
WD	LTW	399139025	6/8/2016	Ce-144	5.99E+00	8.58E+00	2.87E+01	U
WD	LTW	399139025	6/8/2016	Co-57	-1.30E+00	1.07E+00	3.31E+00	U
WD	LTW	399139025	6/8/2016	Co-58	1.45E-01	1.31E+00	4.42E+00	U
WD	LTW	399139025	6/8/2016	Co-60	2.70E+00	1.82E+00	5.91E+00	U
WD	LTW	399139025	6/8/2016	Cr-51	-2.06E+00	1.46E+01	4.91E+01	U
WD	LTW	399139025	6/8/2016	Cs-134	-1.13E+00	1.37E+00	4.18E+00	U
WD	LTW	399139025	6/8/2016	Cs-137	-8.54E-01	1.50E+00	4.56E+00	U
WD	LTW	399139025	6/8/2016	Fe-59	1.82E+01	6.75E+00	1.07E+01	UI
WD	LTW	399139025	6/8/2016	I-131	4.46E-01	3.56E+00	1.20E+01	U
WD	LTW	399139025	6/8/2016	K-40	3.60E+01	2.64E+01	3.95E+01	U
WD	LTW	399139025	6/8/2016	La-140	4.08E+00	3.47E+00	1.23E+01	U
WD	LTW	399139025	6/8/2016	Mn-54	1.97E+00	1.39E+00	4.84E+00	U
WD	LTW	399139025	6/8/2016	Nb-95	-1.27E+00	1.49E+00	4.61E+00	U
WD	LTW	399139025	6/8/2016	Ru-103	-3.02E-01	1.50E+00	4.86E+00	U
WD	LTW	399139025	6/8/2016	Ru-106	-7.27E+00	1.18E+01	3.58E+01	U
WD	LTW	399139025	6/8/2016	Sb-124	-2.16E+00	3.71E+00	1.12E+01	U
WD	LTW	399139025	6/8/2016	Sb-125	4.63E+00	3.48E+00	1.18E+01	U
WD	LTW	399139025	6/8/2016	Se-75	3.66E+00	2.64E+00	6.26E+00	U
WD	LTW	399139025	6/8/2016	Th-228	-4.79E+00	3.18E+00	9.22E+00	U
WD	LTW	399139025	6/8/2016	Zn-65	-1.49E+00	2.91E+00	8.93E+00	U
WD	LTW	399139025	6/8/2016	Zr-95	-5.63E-01	2.31E+00	7.60E+00	U
WD	LTW	399139026	6/8/2016	I-131	-3.86E-01	2.57E-01	8.90E-01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	400075023	6/22/2016	Ac-228	2.72E-01	5.54E+00	1.82E+01	U
WD	STJ	400075023	6/22/2016	Ag-108m	-4.99E-01	1.09E+00	3.43E+00	U
WD	STJ	400075023	6/22/2016	Ag-110m	-4.42E-01	2.07E+00	5.72E+00	U
WD	STJ	400075023	6/22/2016	Ba-140	-3.40E+00	6.36E+00	1.96E+01	U
WD	STJ	400075023	6/22/2016	Be-7	1.04E+01	1.03E+01	3.50E+01	U
WD	STJ	400075023	6/22/2016	BETA	1.61E+00	7.16E-01	2.01E+00	U
WD	STJ	400075023	6/22/2016	Ce-141	6.67E-01	2.24E+00	7.39E+00	U
WD	STJ	400075023	6/22/2016	Ce-144	-2.86E+00	8.07E+00	2.60E+01	U
WD	STJ	400075023	6/22/2016	Co-57	-1.11E+00	1.16E+00	3.48E+00	U
WD	STJ	400075023	6/22/2016	Co-58	3.27E-01	1.38E+00	4.39E+00	U
WD	STJ	400075023	6/22/2016	Co-60	7.48E-01	1.27E+00	4.43E+00	U
WD	STJ	400075023	6/22/2016	Cr-51	-9.46E+00	1.19E+01	3.74E+01	U
WD	STJ	400075023	6/22/2016	Cs-134	7.29E-01	1.47E+00	5.01E+00	U
WD	STJ	400075023	6/22/2016	Cs-137	1.19E-01	2.67E+00	4.12E+00	U
WD	STJ	400075023	6/22/2016	Fe-59	-4.53E-01	2.92E+00	9.29E+00	U
WD	STJ	400075023	6/22/2016	I-131	-2.79E+00	2.30E+00	6.77E+00	U
WD	STJ	400075023	6/22/2016	K-40	1.05E+01	2.03E+01	6.73E+01	U
WD	STJ	400075023	6/22/2016	La-140	1.51E+00	2.23E+00	7.77E+00	U
WD	STJ	400075023	6/22/2016	Mn-54	-1.54E-01	1.26E+00	4.11E+00	U
WD	STJ	400075023	6/22/2016	Nb-95	1.55E+00	1.92E+00	4.33E+00	U
WD	STJ	400075023	6/22/2016	Ru-103	-8.71E-02	1.56E+00	4.41E+00	U
WD	STJ	400075023	6/22/2016	Ru-106	-1.68E+01	1.12E+01	3.12E+01	U
WD	STJ	400075023	6/22/2016	Sb-124	-4.59E+00	3.39E+00	8.42E+00	U
WD	STJ	400075023	6/22/2016	Sb-125	-2.03E-01	3.69E+00	1.21E+01	U
WD	STJ	400075023	6/22/2016	Se-75	1.66E+00	1.64E+00	5.66E+00	U
WD	STJ	400075023	6/22/2016	Th-228	5.48E+00	3.48E+00	9.53E+00	U
WD	STJ	400075023	6/22/2016	Zn-65	-3.85E-01	3.12E+00	8.51E+00	U
WD	STJ	400075023	6/22/2016	Zr-95	-4.51E+00	2.93E+00	6.37E+00	U
WD	STJ	400075024	6/22/2016	I-131	-3.08E-01	2.26E-01	8.19E-01	U
WD	LTW	400075025	6/22/2016	Ac-228	1.04E+01	8.93E+00	1.99E+01	U
WD	LTW	400075025	6/22/2016	Ag-108m	-1.02E+00	1.25E+00	3.79E+00	U
WD	LTW	400075025	6/22/2016	Ag-110m	-1.22E+00	1.73E+00	5.17E+00	U
WD	LTW	400075025	6/22/2016	Ba-140	8.80E-01	6.61E+00	2.13E+01	U
WD	LTW	400075025	6/22/2016	Be-7	9.11E+00	1.13E+01	3.77E+01	U
WD	LTW	400075025	6/22/2016	BETA	-4.41E-01	8.03E-01	2.70E+00	U
WD	LTW	400075025	6/22/2016	Ce-141	7.27E-01	2.51E+00	8.18E+00	U
WD	LTW	400075025	6/22/2016	Ce-144	1.65E+01	1.01E+01	3.22E+01	U
WD	LTW	400075025	6/22/2016	Co-57	7.91E-01	1.23E+00	4.07E+00	U
WD	LTW	400075025	6/22/2016	Co-58	5.92E-01	1.25E+00	4.25E+00	U
WD	LTW	400075025	6/22/2016	Co-60	1.16E+00	1.11E+00	4.02E+00	U
WD	LTW	400075025	6/22/2016	Cr-51	1.04E+00	1.33E+01	4.43E+01	U
WD	LTW	400075025	6/22/2016	Cs-134	9.04E-01	1.45E+00	4.94E+00	U
WD	LTW	400075025	6/22/2016	Cs-137	-5.62E-01	1.36E+00	4.37E+00	U
WD	LTW	400075025	6/22/2016	Fe-59	2.84E+00	2.64E+00	9.34E+00	U
WD	LTW	400075025	6/22/2016	I-131	-2.21E+00	2.54E+00	6.95E+00	U
WD	LTW	400075025	6/22/2016	K-40	-1.22E+01	1.65E+01	5.66E+01	U
WD	LTW	400075025	6/22/2016	La-140	5.37E-01	2.54E+00	8.39E+00	U
WD	LTW	400075025	6/22/2016	Mn-54	-2.30E+00	1.39E+00	3.54E+00	U
WD	LTW	400075025	6/22/2016	Nb-95	2.87E-01	1.29E+00	4.32E+00	U
WD	LTW	400075025	6/22/2016	Ru-103	-1.16E+00	1.37E+00	4.05E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	400075025	6/22/2016	Ru-106	-6.62E+00	1.14E+01	3.64E+01	U
WD	LTW	400075025	6/22/2016	Sb-124	-3.64E+00	3.14E+00	8.55E+00	U
WD	LTW	400075025	6/22/2016	Sb-125	-1.75E+00	4.07E+00	1.24E+01	U
WD	LTW	400075025	6/22/2016	Se-75	-7.53E-02	1.67E+00	5.60E+00	U
WD	LTW	400075025	6/22/2016	Th-228	-3.01E+00	2.94E+00	9.05E+00	U
WD	LTW	400075025	6/22/2016	Zn-65	5.15E-01	2.92E+00	9.89E+00	U
WD	LTW	400075025	6/22/2016	Zr-95	1.57E+00	2.50E+00	8.53E+00	U
WD	LTW	400075026	6/22/2016	I-131	4.18E-01	2.81E-01	8.25E-01	U
WD	STJ	401150023	7/6/2016	Ac-228	6.83E+00	3.56E+00	6.39E+00	UI
WD	STJ	401150023	7/6/2016	Ag-108m	-4.76E-01	4.36E-01	1.31E+00	U
WD	STJ	401150023	7/6/2016	Ag-110m	-9.51E-01	7.53E-01	1.90E+00	U
WD	STJ	401150023	7/6/2016	Ba-140	4.19E+00	2.46E+00	7.88E+00	U
WD	STJ	401150023	7/6/2016	Be-7	-2.37E-01	3.93E+00	1.32E+01	U
WD	STJ	401150023	7/6/2016	BETA	2.04E+00	1.14E+00	3.17E+00	U
WD	STJ	401150023	7/6/2016	Ce-141	6.99E-01	1.95E+00	2.89E+00	U
WD	STJ	401150023	7/6/2016	Ce-144	-2.53E+00	3.51E+00	1.11E+01	U
WD	STJ	401150023	7/6/2016	Co-57	1.73E-01	4.48E-01	1.51E+00	U
WD	STJ	401150023	7/6/2016	Co-58	7.93E-01	4.45E-01	1.41E+00	U
WD	STJ	401150023	7/6/2016	Co-60	2.06E-01	4.78E-01	1.61E+00	U
WD	STJ	401150023	7/6/2016	Cr-51	4.36E+00	6.53E+00	1.41E+01	U
WD	STJ	401150023	7/6/2016	Cs-134	3.30E-01	5.06E-01	1.67E+00	U
WD	STJ	401150023	7/6/2016	Cs-137	2.23E+00	6.36E-01	1.54E+00	UI
WD	STJ	401150023	7/6/2016	Fe-59	-6.59E-01	9.02E-01	2.92E+00	U
WD	STJ	401150023	7/6/2016	I-131	1.44E-01	8.63E-01	2.80E+00	U
WD	STJ	401150023	7/6/2016	K-40	4.67E+00	1.08E+01	1.32E+01	U
WD	STJ	401150023	7/6/2016	La-140	-7.48E-01	7.32E-01	2.22E+00	U
WD	STJ	401150023	7/6/2016	Mn-54	-4.52E-01	4.24E-01	1.29E+00	U
WD	STJ	401150023	7/6/2016	Nb-95	7.17E-01	4.85E-01	1.56E+00	U
WD	STJ	401150023	7/6/2016	Ru-103	7.86E-01	5.89E-01	1.70E+00	U
WD	STJ	401150023	7/6/2016	Ru-106	-7.41E-01	4.00E+00	1.32E+01	U
WD	STJ	401150023	7/6/2016	Sb-124	-1.15E+00	1.37E+00	3.74E+00	U
WD	STJ	401150023	7/6/2016	Sb-125	-1.22E+00	1.36E+00	4.18E+00	U
WD	STJ	401150023	7/6/2016	Se-75	-3.12E-01	6.68E-01	2.16E+00	U
WD	STJ	401150023	7/6/2016	Th-228	4.12E+00	2.21E+00	3.52E+00	UI
WD	STJ	401150023	7/6/2016	Zn-65	5.56E-01	9.38E-01	3.18E+00	U
WD	STJ	401150023	7/6/2016	Zr-95	-6.73E-01	7.67E-01	2.40E+00	U
WD	STJ	401150024	7/6/2016	I-131	1.92E-01	2.67E-01	8.34E-01	U
WD	LTW	401150025	7/6/2016	Ac-228	1.66E+00	3.49E+00	5.58E+00	U
WD	LTW	401150025	7/6/2016	Ag-108m	-4.10E-02	4.13E-01	1.34E+00	U
WD	LTW	401150025	7/6/2016	Ag-110m	-4.36E-01	5.98E-01	1.90E+00	U
WD	LTW	401150025	7/6/2016	Ba-140	9.98E-01	2.49E+00	8.05E+00	U
WD	LTW	401150025	7/6/2016	Be-7	-8.98E-02	4.62E+00	1.38E+01	U
WD	LTW	401150025	7/6/2016	BETA	4.78E-01	9.97E-01	3.09E+00	U
WD	LTW	401150025	7/6/2016	Ce-141	3.31E-01	1.19E+00	2.75E+00	U
WD	LTW	401150025	7/6/2016	Ce-144	3.00E+00	3.21E+00	1.02E+01	U
WD	LTW	401150025	7/6/2016	Co-57	-3.13E-01	4.18E-01	1.32E+00	U
WD	LTW	401150025	7/6/2016	Co-58	-5.52E-01	4.65E-01	1.43E+00	U
WD	LTW	401150025	7/6/2016	Co-60	3.60E-01	4.55E-01	1.54E+00	U
WD	LTW	401150025	7/6/2016	Cr-51	9.67E+00	4.64E+00	1.41E+01	U
WD	LTW	401150025	7/6/2016	Cs-134	1.06E+00	5.60E-01	1.53E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	401150025	7/6/2016	Cs-137	-2.06E-02	4.71E-01	1.58E+00	U
WD	LTW	401150025	7/6/2016	Fe-59	5.18E-03	1.11E+00	3.10E+00	U
WD	LTW	401150025	7/6/2016	I-131	-4.11E-01	8.38E-01	2.72E+00	U
WD	LTW	401150025	7/6/2016	K-40	2.90E+00	9.41E+00	1.42E+01	U
WD	LTW	401150025	7/6/2016	La-140	1.07E+00	7.68E-01	2.54E+00	U
WD	LTW	401150025	7/6/2016	Mn-54	3.44E-01	4.59E-01	1.45E+00	U
WD	LTW	401150025	7/6/2016	Nb-95	-6.56E-01	6.63E-01	1.57E+00	U
WD	LTW	401150025	7/6/2016	Ru-103	-1.36E+00	6.56E-01	1.50E+00	U
WD	LTW	401150025	7/6/2016	Ru-106	-1.42E+00	4.02E+00	1.34E+01	U
WD	LTW	401150025	7/6/2016	Sb-124	-5.59E-01	9.89E-01	3.13E+00	U
WD	LTW	401150025	7/6/2016	Sb-125	4.24E-01	1.26E+00	4.14E+00	U
WD	LTW	401150025	7/6/2016	Se-75	-4.56E-01	6.04E-01	1.97E+00	U
WD	LTW	401150025	7/6/2016	Th-228	3.70E-01	1.62E+00	3.24E+00	U
WD	LTW	401150025	7/6/2016	Zn-65	7.56E-01	9.60E-01	2.76E+00	U
WD	LTW	401150025	7/6/2016	Zr-95	-5.84E-01	7.95E-01	2.55E+00	U
WD	LTW	401150026	7/6/2016	I-131	-1.96E-02	2.48E-01	8.22E-01	U
WD	STJ	402227023	7/20/2016	Ac-228	-1.50E+00	5.62E+00	1.89E+01	U
WD	STJ	402227023	7/20/2016	Ag-108m	-2.36E+00	1.26E+00	3.37E+00	U
WD	STJ	402227023	7/20/2016	Ag-110m	-2.14E+00	1.59E+00	4.44E+00	U
WD	STJ	402227023	7/20/2016	Ba-140	-5.99E+00	7.48E+00	1.95E+01	U
WD	STJ	402227023	7/20/2016	Be-7	9.61E+00	1.28E+01	3.89E+01	U
WD	STJ	402227023	7/20/2016	BETA	2.98E-01	9.29E-01	2.90E+00	U
WD	STJ	402227023	7/20/2016	Ce-141	1.74E+00	2.47E+00	7.83E+00	U
WD	STJ	402227023	7/20/2016	Ce-144	8.04E+00	9.26E+00	2.81E+01	U
WD	STJ	402227023	7/20/2016	Co-57	2.66E-02	1.29E+00	3.85E+00	U
WD	STJ	402227023	7/20/2016	Co-58	-2.84E+00	1.45E+00	3.35E+00	U
WD	STJ	402227023	7/20/2016	Co-60	5.28E-02	9.32E-01	3.07E+00	U
WD	STJ	402227023	7/20/2016	Cr-51	1.50E+01	1.32E+01	4.37E+01	U
WD	STJ	402227023	7/20/2016	Cs-134	9.23E-01	1.35E+00	4.55E+00	U
WD	STJ	402227023	7/20/2016	Cs-137	6.77E-01	2.56E+00	4.36E+00	U
WD	STJ	402227023	7/20/2016	Fe-59	2.57E+00	2.63E+00	9.15E+00	U
WD	STJ	402227023	7/20/2016	I-131	-2.60E+00	2.55E+00	7.48E+00	U
WD	STJ	402227023	7/20/2016	K-40	1.95E+01	1.82E+01	6.49E+01	U
WD	STJ	402227023	7/20/2016	La-140	-2.44E+00	2.23E+00	6.29E+00	U
WD	STJ	402227023	7/20/2016	Mn-54	5.48E-01	1.34E+00	4.42E+00	U
WD	STJ	402227023	7/20/2016	Nb-95	5.96E-01	1.24E+00	4.15E+00	U
WD	STJ	402227023	7/20/2016	Ru-103	1.48E+00	1.45E+00	4.97E+00	U
WD	STJ	402227023	7/20/2016	Ru-106	2.34E+01	1.50E+01	4.54E+01	U
WD	STJ	402227023	7/20/2016	Sb-124	-1.89E+00	3.33E+00	1.03E+01	U
WD	STJ	402227023	7/20/2016	Sb-125	1.88E+00	3.37E+00	1.32E+01	U
WD	STJ	402227023	7/20/2016	Se-75	4.47E-01	1.75E+00	5.76E+00	U
WD	STJ	402227023	7/20/2016	Th-228	3.01E+00	3.54E+00	8.83E+00	U
WD	STJ	402227023	7/20/2016	Zn-65	1.09E-01	2.77E+00	9.21E+00	U
WD	STJ	402227023	7/20/2016	Zr-95	5.00E-01	1.96E+00	6.50E+00	U
WD	STJ	402227024	7/20/2016	I-131	6.73E-02	2.56E-01	8.27E-01	U
WD	LTW	402227025	7/20/2016	Ac-228	-2.95E+00	7.38E+00	2.38E+01	U
WD	LTW	402227025	7/20/2016	Ag-108m	-3.54E-01	1.36E+00	4.29E+00	U
WD	LTW	402227025	7/20/2016	Ag-110m	-6.18E-01	2.29E+00	7.38E+00	U
WD	LTW	402227025	7/20/2016	Ba-140	-1.41E+00	8.35E+00	2.79E+01	U
WD	LTW	402227025	7/20/2016	Be-7	4.37E+00	1.50E+01	4.88E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	402227025	7/20/2016	BETA	-5.58E-01	7.58E-01	2.60E+00	U
WD	LTW	402227025	7/20/2016	Ce-141	2.01E+00	3.58E+00	1.07E+01	U
WD	LTW	402227025	7/20/2016	Ce-144	-7.12E+00	1.14E+01	3.70E+01	U
WD	LTW	402227025	7/20/2016	Co-57	8.88E-01	1.53E+00	5.17E+00	U
WD	LTW	402227025	7/20/2016	Co-58	-9.57E-01	1.61E+00	5.01E+00	U
WD	LTW	402227025	7/20/2016	Co-60	-8.53E-01	2.16E+00	6.68E+00	U
WD	LTW	402227025	7/20/2016	Cr-51	7.06E+00	1.59E+01	5.25E+01	U
WD	LTW	402227025	7/20/2016	Cs-134	-1.88E+00	1.99E+00	5.97E+00	U
WD	LTW	402227025	7/20/2016	Cs-137	3.92E-01	1.63E+00	5.52E+00	U
WD	LTW	402227025	7/20/2016	Fe-59	-1.44E+00	3.37E+00	1.05E+01	U
WD	LTW	402227025	7/20/2016	I-131	5.58E-01	3.36E+00	1.10E+01	U
WD	LTW	402227025	7/20/2016	K-40	1.08E+01	2.44E+01	3.65E+01	U
WD	LTW	402227025	7/20/2016	La-140	-4.78E+00	3.04E+00	7.53E+00	U
WD	LTW	402227025	7/20/2016	Mn-54	1.73E+00	1.39E+00	5.10E+00	U
WD	LTW	402227025	7/20/2016	Nb-95	-1.82E+00	1.78E+00	5.05E+00	U
WD	LTW	402227025	7/20/2016	Ru-103	-2.44E+00	1.91E+00	5.27E+00	U
WD	LTW	402227025	7/20/2016	Ru-106	1.62E+01	1.00E+01	5.28E+01	U
WD	LTW	402227025	7/20/2016	Sb-124	-1.91E+00	3.85E+00	1.20E+01	U
WD	LTW	402227025	7/20/2016	Sb-125	1.18E+01	5.39E+00	1.71E+01	U
WD	LTW	402227025	7/20/2016	Se-75	6.46E-01	2.20E+00	7.29E+00	U
WD	LTW	402227025	7/20/2016	Th-228	3.03E+00	4.31E+00	1.23E+01	U
WD	LTW	402227025	7/20/2016	Zn-65	1.23E+01	4.01E+00	6.72E+00	UI
WD	LTW	402227025	7/20/2016	Zr-95	-1.31E-01	2.82E+00	9.35E+00	U
WD	LTW	402227026	7/20/2016	I-131	5.81E-01	2.91E-01	8.20E-01	U
WD	STJ	403299023	8/3/2016	Ac-228	-1.76E+00	3.09E+00	6.68E+00	U
WD	STJ	403299023	8/3/2016	Ag-108m	-8.15E-01	4.65E-01	1.30E+00	U
WD	STJ	403299023	8/3/2016	Ag-110m	2.29E-01	7.18E-01	2.02E+00	U
WD	STJ	403299023	8/3/2016	Ba-140	2.69E+00	3.17E+00	7.72E+00	U
WD	STJ	403299023	8/3/2016	Be-7	6.78E+00	4.32E+00	1.40E+01	U
WD	STJ	403299023	8/3/2016	BETA	2.25E+00	9.41E-01	2.62E+00	U
WD	STJ	403299023	8/3/2016	Ce-141	2.89E+00	1.14E+00	2.73E+00	UI
WD	STJ	403299023	8/3/2016	Ce-144	-6.13E+00	3.64E+00	9.87E+00	U
WD	STJ	403299023	8/3/2016	Co-57	-1.57E-01	4.10E-01	1.30E+00	U
WD	STJ	403299023	8/3/2016	Co-58	3.44E-02	4.63E-01	1.51E+00	U
WD	STJ	403299023	8/3/2016	Co-60	6.62E-01	5.36E-01	1.75E+00	U
WD	STJ	403299023	8/3/2016	Cr-51	-2.37E+00	4.41E+00	1.42E+01	U
WD	STJ	403299023	8/3/2016	Cs-134	-3.35E-01	7.46E-01	1.65E+00	U
WD	STJ	403299023	8/3/2016	Cs-137	-3.10E-01	4.81E-01	1.54E+00	U
WD	STJ	403299023	8/3/2016	Fe-59	1.05E+00	8.93E-01	2.95E+00	U
WD	STJ	403299023	8/3/2016	I-131	5.40E-01	8.01E-01	2.61E+00	U
WD	STJ	403299023	8/3/2016	K-40	5.37E+00	1.17E+01	1.48E+01	U
WD	STJ	403299023	8/3/2016	La-140	-8.81E-01	7.60E-01	2.34E+00	U
WD	STJ	403299023	8/3/2016	Mn-54	5.28E-01	4.87E-01	1.57E+00	U
WD	STJ	403299023	8/3/2016	Nb-95	1.19E-01	4.64E-01	1.52E+00	U
WD	STJ	403299023	8/3/2016	Ru-103	-1.96E-01	5.51E-01	1.59E+00	U
WD	STJ	403299023	8/3/2016	Ru-106	1.48E+00	4.25E+00	1.42E+01	U
WD	STJ	403299023	8/3/2016	Sb-124	5.69E-02	1.10E+00	3.68E+00	U
WD	STJ	403299023	8/3/2016	Sb-125	-1.16E+00	1.33E+00	4.12E+00	U
WD	STJ	403299023	8/3/2016	Se-75	-3.67E-01	6.16E-01	2.00E+00	U
WD	STJ	403299023	8/3/2016	Th-228	-1.39E+00	1.58E+00	3.15E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	403299023	8/3/2016	Zn-65	2.24E-01	1.06E+00	3.05E+00	U
WD	STJ	403299023	8/3/2016	Zr-95	-1.11E+00	8.71E-01	2.62E+00	U
WD	STJ	403299024	8/3/2016	I-131	7.15E-02	1.58E-01	5.02E-01	U
WD	LTW	403299025	8/3/2016	Ac-228	3.14E+00	4.08E+00	7.14E+00	U
WD	LTW	403299025	8/3/2016	Ag-108m	8.14E-02	4.41E-01	1.45E+00	U
WD	LTW	403299025	8/3/2016	Ag-110m	3.35E-01	6.98E-01	2.02E+00	U
WD	LTW	403299025	8/3/2016	Ba-140	-2.96E-01	2.44E+00	7.84E+00	U
WD	LTW	403299025	8/3/2016	Be-7	-1.51E+00	4.13E+00	1.33E+01	U
WD	LTW	403299025	8/3/2016	BETA	1.72E+00	9.38E-01	2.74E+00	U
WD	LTW	403299025	8/3/2016	Ce-141	-9.27E-01	8.51E-01	2.64E+00	U
WD	LTW	403299025	8/3/2016	Ce-144	-1.66E+00	3.09E+00	9.98E+00	U
WD	LTW	403299025	8/3/2016	Co-57	1.56E-01	4.05E-01	1.34E+00	U
WD	LTW	403299025	8/3/2016	Co-58	7.00E-01	5.06E-01	1.62E+00	U
WD	LTW	403299025	8/3/2016	Co-60	5.55E-01	5.65E-01	1.67E+00	U
WD	LTW	403299025	8/3/2016	Cr-51	-3.95E+00	4.51E+00	1.45E+01	U
WD	LTW	403299025	8/3/2016	Cs-134	1.56E-01	5.28E-01	1.76E+00	U
WD	LTW	403299025	8/3/2016	Cs-137	-9.82E-01	1.05E+00	2.07E+00	U
WD	LTW	403299025	8/3/2016	Fe-59	-9.39E-01	9.15E-01	2.74E+00	U
WD	LTW	403299025	8/3/2016	I-131	-7.83E-01	8.36E-01	2.66E+00	U
WD	LTW	403299025	8/3/2016	K-40	-6.61E+00	8.13E+00	2.05E+01	U
WD	LTW	403299025	8/3/2016	La-140	1.14E+00	7.92E-01	2.61E+00	U
WD	LTW	403299025	8/3/2016	Mn-54	7.67E-02	4.62E-01	1.53E+00	U
WD	LTW	403299025	8/3/2016	Nb-95	2.15E-01	4.77E-01	1.60E+00	U
WD	LTW	403299025	8/3/2016	Ru-103	-4.96E-01	5.42E-01	1.68E+00	U
WD	LTW	403299025	8/3/2016	Ru-106	7.61E-01	4.22E+00	1.43E+01	U
WD	LTW	403299025	8/3/2016	Sb-124	-1.23E+00	1.16E+00	3.45E+00	U
WD	LTW	403299025	8/3/2016	Sb-125	1.02E+00	1.35E+00	4.45E+00	U
WD	LTW	403299025	8/3/2016	Se-75	-4.03E-01	6.13E-01	2.03E+00	U
WD	LTW	403299025	8/3/2016	Th-228	1.56E+00	1.89E+00	3.49E+00	U
WD	LTW	403299025	8/3/2016	Zn-65	-1.36E+00	9.83E-01	2.82E+00	U
WD	LTW	403299025	8/3/2016	Zr-95	-4.90E-01	8.69E-01	2.82E+00	U
WD	LTW	403299026	8/3/2016	I-131	-1.85E-01	1.51E-01	5.25E-01	U
WD	STJ	404249023	8/17/2016	Ac-228	-2.58E+00	3.02E+00	6.42E+00	U
WD	STJ	404249023	8/17/2016	Ag-108m	-3.48E-02	3.43E-01	1.15E+00	U
WD	STJ	404249023	8/17/2016	Ag-110m	-8.50E-01	6.38E-01	1.79E+00	U
WD	STJ	404249023	8/17/2016	Ba-140	2.77E+00	2.54E+00	8.45E+00	U
WD	STJ	404249023	8/17/2016	Be-7	4.95E+00	3.86E+00	1.28E+01	U
WD	STJ	404249023	8/17/2016	BETA	1.54E+00	7.71E-01	2.01E+00	U
WD	STJ	404249023	8/17/2016	Ce-141	-1.67E+00	1.25E+00	2.68E+00	U
WD	STJ	404249023	8/17/2016	Ce-144	2.69E+00	3.00E+00	9.64E+00	U
WD	STJ	404249023	8/17/2016	Co-57	9.30E-02	3.80E-01	1.24E+00	U
WD	STJ	404249023	8/17/2016	Co-58	-1.51E-01	4.47E-01	1.41E+00	U
WD	STJ	404249023	8/17/2016	Co-60	4.92E-01	4.47E-01	1.53E+00	U
WD	STJ	404249023	8/17/2016	Cr-51	7.35E+00	4.91E+00	1.35E+01	U
WD	STJ	404249023	8/17/2016	Cs-134	4.91E-01	4.74E-01	1.55E+00	U
WD	STJ	404249023	8/17/2016	Cs-137	8.71E-02	4.42E-01	1.45E+00	U
WD	STJ	404249023	8/17/2016	Fe-59	9.92E-02	8.78E-01	2.97E+00	U
WD	STJ	404249023	8/17/2016	I-131	5.49E-01	9.33E-01	3.05E+00	U
WD	STJ	404249023	8/17/2016	K-40	4.15E+00	1.29E+01	1.36E+01	U
WD	STJ	404249023	8/17/2016	La-140	-8.79E-01	7.95E-01	2.31E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	404249023	8/17/2016	Mn-54	-4.06E-01	4.21E-01	1.25E+00	U
WD	STJ	404249023	8/17/2016	Nb-95	9.21E-02	4.66E-01	1.51E+00	U
WD	STJ	404249023	8/17/2016	Ru-103	-9.24E-02	4.92E-01	1.45E+00	U
WD	STJ	404249023	8/17/2016	Ru-106	-4.38E+00	3.70E+00	1.10E+01	U
WD	STJ	404249023	8/17/2016	Sb-124	3.67E-01	1.14E+00	3.77E+00	U
WD	STJ	404249023	8/17/2016	Sb-125	2.65E-01	1.09E+00	3.69E+00	U
WD	STJ	404249023	8/17/2016	Se-75	-3.78E-02	5.59E-01	1.92E+00	U
WD	STJ	404249023	8/17/2016	Th-228	-1.71E+00	1.57E+00	3.24E+00	U
WD	STJ	404249023	8/17/2016	Zn-65	1.31E+00	9.65E-01	3.26E+00	U
WD	STJ	404249023	8/17/2016	Zr-95	5.69E-01	7.71E-01	2.54E+00	U
WD	STJ	404249024	8/17/2016	I-131	3.22E-01	2.82E-01	8.38E-01	U
WD	LTW	404249025	8/17/2016	Ac-228	-7.41E-01	3.33E+00	6.88E+00	U
WD	LTW	404249025	8/17/2016	Ag-108m	8.91E-04	3.86E-01	1.29E+00	U
WD	LTW	404249025	8/17/2016	Ag-110m	-4.05E-01	5.89E-01	1.78E+00	U
WD	LTW	404249025	8/17/2016	Ba-140	1.27E+00	2.49E+00	8.28E+00	U
WD	LTW	404249025	8/17/2016	Be-7	-2.58E+00	4.09E+00	1.32E+01	U
WD	LTW	404249025	8/17/2016	BETA	1.25E+00	1.01E+00	3.03E+00	U
WD	LTW	404249025	8/17/2016	Ce-141	1.61E+00	1.96E+00	2.68E+00	U
WD	LTW	404249025	8/17/2016	Ce-144	2.30E+00	3.91E+00	1.02E+01	U
WD	LTW	404249025	8/17/2016	Co-57	-2.81E-01	4.08E-01	1.30E+00	U
WD	LTW	404249025	8/17/2016	Co-58	4.97E-01	4.63E-01	1.50E+00	U
WD	LTW	404249025	8/17/2016	Co-60	5.61E-01	4.67E-01	1.57E+00	U
WD	LTW	404249025	8/17/2016	Cr-51	6.17E-01	4.27E+00	1.46E+01	U
WD	LTW	404249025	8/17/2016	Cs-134	3.56E-01	5.07E-01	1.48E+00	U
WD	LTW	404249025	8/17/2016	Cs-137	9.51E-02	4.03E-01	1.32E+00	U
WD	LTW	404249025	8/17/2016	Fe-59	1.09E-01	8.28E-01	2.79E+00	U
WD	LTW	404249025	8/17/2016	I-131	-6.63E-01	9.10E-01	2.98E+00	U
WD	LTW	404249025	8/17/2016	K-40	-1.19E+01	8.91E+00	2.03E+01	U
WD	LTW	404249025	8/17/2016	La-140	-1.17E+00	9.62E-01	2.77E+00	U
WD	LTW	404249025	8/17/2016	Mn-54	-3.77E-01	4.54E-01	1.36E+00	U
WD	LTW	404249025	8/17/2016	Nb-95	-2.95E-01	4.84E-01	1.32E+00	U
WD	LTW	404249025	8/17/2016	Ru-103	-2.62E-01	5.01E-01	1.44E+00	U
WD	LTW	404249025	8/17/2016	Ru-106	-6.97E+00	4.03E+00	1.11E+01	U
WD	LTW	404249025	8/17/2016	Sb-124	2.57E-02	1.15E+00	3.72E+00	U
WD	LTW	404249025	8/17/2016	Sb-125	-1.25E+00	1.18E+00	3.72E+00	U
WD	LTW	404249025	8/17/2016	Se-75	-1.42E+00	9.26E-01	2.02E+00	U
WD	LTW	404249025	8/17/2016	Th-228	2.27E+00	1.86E+00	2.64E+00	U
WD	LTW	404249025	8/17/2016	Zn-65	-6.67E-01	8.70E-01	2.75E+00	U
WD	LTW	404249025	8/17/2016	Zr-95	5.67E-01	8.07E-01	2.63E+00	U
WD	LTW	404249026	8/17/2016	I-131	-7.09E-02	2.43E-01	8.22E-01	U
WD	STJ	409459001	9/28/2016	H-3	4.18E+02	5.05E+02	1.60E+03	U
WD	LTW	409459002	9/28/2016	H-3	8.89E+01	4.95E+02	1.62E+03	U
WD	STJ	405181023	8/31/2016	Ac-228	7.62E+00	6.43E+00	1.62E+01	U
WD	STJ	405181023	8/31/2016	Ag-108m	-1.75E-01	8.53E-01	2.80E+00	U
WD	STJ	405181023	8/31/2016	Ag-110m	-2.40E+00	1.31E+00	3.05E+00	U
WD	STJ	405181023	8/31/2016	Ba-140	-1.51E+00	4.91E+00	1.58E+01	U
WD	STJ	405181023	8/31/2016	Be-7	1.19E+01	1.31E+01	2.73E+01	U
WD	STJ	405181023	8/31/2016	BETA	2.25E+00	9.30E-01	2.62E+00	U
WD	STJ	405181023	8/31/2016	Ce-141	-6.31E-01	1.71E+00	5.78E+00	U
WD	STJ	405181023	8/31/2016	Ce-144	1.91E+00	6.92E+00	2.16E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	405181023	8/31/2016	Co-57	-1.99E-02	8.44E-01	2.90E+00	U
WD	STJ	405181023	8/31/2016	Co-58	1.18E+00	1.17E+00	3.10E+00	U
WD	STJ	405181023	8/31/2016	Co-60	1.01E+00	1.00E+00	3.57E+00	U
WD	STJ	405181023	8/31/2016	Cr-51	1.19E+00	8.28E+00	2.79E+01	U
WD	STJ	405181023	8/31/2016	Cs-134	1.47E-01	9.54E-01	3.12E+00	U
WD	STJ	405181023	8/31/2016	Cs-137	3.81E-01	1.05E+00	3.49E+00	U
WD	STJ	405181023	8/31/2016	Fe-59	-9.05E-01	1.89E+00	5.68E+00	U
WD	STJ	405181023	8/31/2016	I-131	7.66E-01	1.67E+00	5.65E+00	U
WD	STJ	405181023	8/31/2016	K-40	-3.94E+00	1.43E+01	4.24E+01	U
WD	STJ	405181023	8/31/2016	La-140	4.61E-01	1.49E+00	4.61E+00	U
WD	STJ	405181023	8/31/2016	Mn-54	-8.39E-01	9.56E-01	2.81E+00	U
WD	STJ	405181023	8/31/2016	Nb-95	-2.74E+00	1.39E+00	2.89E+00	U
WD	STJ	405181023	8/31/2016	Ru-103	1.10E+00	9.70E-01	3.29E+00	U
WD	STJ	405181023	8/31/2016	Ru-106	-5.73E-02	7.71E+00	2.52E+01	U
WD	STJ	405181023	8/31/2016	Sb-124	4.65E+00	2.32E+00	8.16E+00	U
WD	STJ	405181023	8/31/2016	Sb-125	-1.11E+00	2.55E+00	8.24E+00	U
WD	STJ	405181023	8/31/2016	Se-75	-5.00E-01	1.18E+00	3.90E+00	U
WD	STJ	405181023	8/31/2016	Th-228	5.10E+00	4.15E+00	7.01E+00	U
WD	STJ	405181023	8/31/2016	Zn-65	-5.29E-01	1.68E+00	5.14E+00	U
WD	STJ	405181023	8/31/2016	Zr-95	-8.23E-01	1.83E+00	5.23E+00	U
WD	STJ	405181024	8/31/2016	I-131	-1.41E-01	1.55E-01	5.18E-01	U
WD	LTW	405181025	8/31/2016	Ac-228	-9.62E-01	4.31E+00	1.19E+01	U
WD	LTW	405181025	8/31/2016	Ag-108m	-1.49E+00	9.48E-01	2.05E+00	U
WD	LTW	405181025	8/31/2016	Ag-110m	-1.20E-01	1.31E+00	3.78E+00	U
WD	LTW	405181025	8/31/2016	Ba-140	3.71E+00	4.14E+00	1.40E+01	U
WD	LTW	405181025	8/31/2016	Be-7	4.70E+00	6.72E+00	2.27E+01	U
WD	LTW	405181025	8/31/2016	BETA	1.48E+00	8.71E-01	2.58E+00	U
WD	LTW	405181025	8/31/2016	Ce-141	1.81E+00	1.41E+00	4.48E+00	U
WD	LTW	405181025	8/31/2016	Ce-144	-2.60E+00	4.82E+00	1.50E+01	U
WD	LTW	405181025	8/31/2016	Co-57	-5.64E-01	7.23E-01	2.03E+00	U
WD	LTW	405181025	8/31/2016	Co-58	4.85E-01	7.78E-01	2.57E+00	U
WD	LTW	405181025	8/31/2016	Co-60	1.59E+00	9.03E-01	3.16E+00	U
WD	LTW	405181025	8/31/2016	Cr-51	1.02E+01	7.60E+00	2.58E+01	U
WD	LTW	405181025	8/31/2016	Cs-134	-3.59E-01	9.17E-01	2.81E+00	U
WD	LTW	405181025	8/31/2016	Cs-137	5.06E-01	8.29E-01	2.76E+00	U
WD	LTW	405181025	8/31/2016	Fe-59	-8.32E-01	1.83E+00	5.06E+00	U
WD	LTW	405181025	8/31/2016	I-131	-5.93E-01	1.46E+00	4.78E+00	U
WD	LTW	405181025	8/31/2016	K-40	5.48E+00	1.28E+01	2.79E+01	U
WD	LTW	405181025	8/31/2016	La-140	4.08E+00	1.56E+00	5.31E+00	U
WD	LTW	405181025	8/31/2016	Mn-54	6.77E-01	7.78E-01	2.73E+00	U
WD	LTW	405181025	8/31/2016	Nb-95	-2.66E-01	8.17E-01	2.22E+00	U
WD	LTW	405181025	8/31/2016	Ru-103	5.57E-01	8.66E-01	2.65E+00	U
WD	LTW	405181025	8/31/2016	Ru-106	-6.95E-01	7.32E+00	2.35E+01	U
WD	LTW	405181025	8/31/2016	Sb-124	-1.43E+00	2.13E+00	6.24E+00	U
WD	LTW	405181025	8/31/2016	Sb-125	7.39E-01	2.00E+00	6.75E+00	U
WD	LTW	405181025	8/31/2016	Se-75	7.75E-01	9.38E-01	3.24E+00	U
WD	LTW	405181025	8/31/2016	Th-228	1.52E+00	2.29E+00	5.66E+00	U
WD	LTW	405181025	8/31/2016	Zn-65	-4.24E-02	1.48E+00	4.92E+00	U
WD	LTW	405181025	8/31/2016	Zr-95	-1.53E+00	1.56E+00	4.44E+00	U
WD	LTW	405181026	8/31/2016	I-131	-1.76E-01	2.08E-01	6.92E-01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	406075023	9/14/2016	Ac-228	8.83E-01	6.27E+00	2.11E+01	U
WD	STJ	406075023	9/14/2016	Ag-108m	1.59E-01	1.11E+00	3.71E+00	U
WD	STJ	406075023	9/14/2016	Ag-110m	-4.75E-01	2.07E+00	6.49E+00	U
WD	STJ	406075023	9/14/2016	Ba-140	2.78E+00	6.84E+00	2.31E+01	U
WD	STJ	406075023	9/14/2016	Be-7	-6.47E+00	1.17E+01	3.66E+01	U
WD	STJ	406075023	9/14/2016	BETA	1.10E+00	1.01E+00	3.07E+00	U
WD	STJ	406075023	9/14/2016	Ce-141	1.15E+00	2.43E+00	8.42E+00	U
WD	STJ	406075023	9/14/2016	Ce-144	-2.54E+00	9.97E+00	3.24E+01	U
WD	STJ	406075023	9/14/2016	Co-57	1.53E-01	1.23E+00	4.23E+00	U
WD	STJ	406075023	9/14/2016	Co-58	9.55E-01	1.35E+00	4.25E+00	U
WD	STJ	406075023	9/14/2016	Co-60	1.79E+00	1.53E+00	5.61E+00	U
WD	STJ	406075023	9/14/2016	Cr-51	1.15E+01	1.19E+01	4.12E+01	U
WD	STJ	406075023	9/14/2016	Cs-134	-2.25E-01	1.54E+00	4.89E+00	U
WD	STJ	406075023	9/14/2016	Cs-137	-5.26E-01	1.11E+00	3.39E+00	U
WD	STJ	406075023	9/14/2016	Fe-59	-4.78E+00	2.91E+00	6.24E+00	U
WD	STJ	406075023	9/14/2016	I-131	1.07E+00	2.40E+00	7.42E+00	U
WD	STJ	406075023	9/14/2016	K-40	-3.66E+01	1.87E+01	4.85E+01	U
WD	STJ	406075023	9/14/2016	La-140	-1.18E+00	2.40E+00	7.49E+00	U
WD	STJ	406075023	9/14/2016	Mn-54	1.95E+00	1.39E+00	3.31E+00	U
WD	STJ	406075023	9/14/2016	Nb-95	3.97E-01	1.52E+00	5.02E+00	U
WD	STJ	406075023	9/14/2016	Ru-103	-3.15E+00	1.64E+00	4.02E+00	U
WD	STJ	406075023	9/14/2016	Ru-106	5.06E+00	1.10E+01	3.74E+01	U
WD	STJ	406075023	9/14/2016	Sb-124	3.26E+00	4.26E+00	1.52E+01	U
WD	STJ	406075023	9/14/2016	Sb-125	2.28E+00	3.88E+00	1.21E+01	U
WD	STJ	406075023	9/14/2016	Se-75	3.37E-02	1.81E+00	6.11E+00	U
WD	STJ	406075023	9/14/2016	Th-228	2.51E-01	4.49E+00	8.45E+00	U
WD	STJ	406075023	9/14/2016	Zn-65	-5.89E+00	3.63E+00	6.25E+00	U
WD	STJ	406075023	9/14/2016	Zr-95	-5.57E-01	2.49E+00	7.17E+00	U
WD	STJ	406075024	9/14/2016	I-131	1.33E-01	2.52E-01	7.95E-01	U
WD	LTW	406075025	9/14/2016	Ac-228	1.45E+01	7.15E+00	1.85E+01	U
WD	LTW	406075025	9/14/2016	Ag-108m	-2.02E+00	1.20E+00	3.02E+00	U
WD	LTW	406075025	9/14/2016	Ag-110m	8.30E-01	1.86E+00	6.24E+00	U
WD	LTW	406075025	9/14/2016	Ba-140	-8.89E+00	6.58E+00	1.72E+01	U
WD	LTW	406075025	9/14/2016	Be-7	-4.67E+00	1.15E+01	3.55E+01	U
WD	LTW	406075025	9/14/2016	BETA	1.05E+00	1.01E+00	3.16E+00	U
WD	LTW	406075025	9/14/2016	Ce-141	-2.87E+00	2.41E+00	7.27E+00	U
WD	LTW	406075025	9/14/2016	Ce-144	-3.76E+00	8.86E+00	2.87E+01	U
WD	LTW	406075025	9/14/2016	Co-57	1.03E+00	1.18E+00	3.97E+00	U
WD	LTW	406075025	9/14/2016	Co-58	1.09E+00	1.35E+00	4.75E+00	U
WD	LTW	406075025	9/14/2016	Co-60	9.23E-01	1.49E+00	5.17E+00	U
WD	LTW	406075025	9/14/2016	Cr-51	-1.01E+01	1.26E+01	3.81E+01	U
WD	LTW	406075025	9/14/2016	Cs-134	6.80E-01	1.27E+00	4.45E+00	U
WD	LTW	406075025	9/14/2016	Cs-137	-5.26E-01	1.35E+00	4.45E+00	U
WD	LTW	406075025	9/14/2016	Fe-59	-9.94E-01	2.30E+00	7.22E+00	U
WD	LTW	406075025	9/14/2016	I-131	-1.43E+00	2.25E+00	6.86E+00	U
WD	LTW	406075025	9/14/2016	K-40	-3.07E+01	1.91E+01	4.98E+01	U
WD	LTW	406075025	9/14/2016	La-140	4.07E+00	2.60E+00	9.29E+00	U
WD	LTW	406075025	9/14/2016	Mn-54	5.09E-01	1.31E+00	4.51E+00	U
WD	LTW	406075025	9/14/2016	Nb-95	-2.40E+00	1.90E+00	4.58E+00	U
WD	LTW	406075025	9/14/2016	Ru-103	4.07E-01	1.25E+00	4.09E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	406075025	9/14/2016	Ru-106	-1.69E+01	1.45E+01	3.88E+01	U
WD	LTW	406075025	9/14/2016	Sb-124	-2.97E-01	3.23E+00	1.04E+01	U
WD	LTW	406075025	9/14/2016	Sb-125	-9.49E-01	3.69E+00	1.16E+01	U
WD	LTW	406075025	9/14/2016	Se-75	-1.41E+00	1.88E+00	5.81E+00	U
WD	LTW	406075025	9/14/2016	Th-228	3.81E+00	3.39E+00	9.18E+00	U
WD	LTW	406075025	9/14/2016	Zn-65	-2.02E+00	2.22E+00	5.07E+00	U
WD	LTW	406075025	9/14/2016	Zr-95	-2.16E+00	2.25E+00	6.78E+00	U
WD	LTW	406075026	9/14/2016	I-131	5.71E-01	2.90E-01	8.20E-01	U
WD	STJ	407112023	9/28/2016	Ac-228	5.14E+00	3.73E+00	6.67E+00	U
WD	STJ	407112023	9/28/2016	Ag-108m	3.29E-01	4.08E-01	1.36E+00	U
WD	STJ	407112023	9/28/2016	Ag-110m	3.02E-01	5.44E-01	1.87E+00	U
WD	STJ	407112023	9/28/2016	Ba-140	1.39E+00	3.32E+00	1.09E+01	U
WD	STJ	407112023	9/28/2016	Be-7	2.01E+00	4.16E+00	1.38E+01	U
WD	STJ	407112023	9/28/2016	BETA	2.08E+00	8.97E-01	2.33E+00	U
WD	STJ	407112023	9/28/2016	Ce-141	-3.06E+00	1.69E+00	3.13E+00	U
WD	STJ	407112023	9/28/2016	Ce-144	-5.71E+00	3.44E+00	9.86E+00	U
WD	STJ	407112023	9/28/2016	Co-57	6.87E-01	4.33E-01	1.34E+00	U
WD	STJ	407112023	9/28/2016	Co-58	5.39E-02	4.01E-01	1.37E+00	U
WD	STJ	407112023	9/28/2016	Co-60	4.36E-01	4.76E-01	1.60E+00	U
WD	STJ	407112023	9/28/2016	Cr-51	2.82E+00	4.63E+00	1.57E+01	U
WD	STJ	407112023	9/28/2016	Cs-134	3.46E-01	5.03E-01	1.62E+00	U
WD	STJ	407112023	9/28/2016	Cs-137	6.12E-01	5.03E-01	1.63E+00	U
WD	STJ	407112023	9/28/2016	Fe-59	-1.25E+00	9.62E-01	2.84E+00	U
WD	STJ	407112023	9/28/2016	I-131	-8.67E-01	1.39E+00	4.55E+00	U
WD	STJ	407112023	9/28/2016	K-40	3.12E+00	1.15E+01	1.29E+01	U
WD	STJ	407112023	9/28/2016	La-140	-1.45E+00	1.16E+00	3.27E+00	U
WD	STJ	407112023	9/28/2016	Mn-54	-1.44E-01	4.07E-01	1.36E+00	U
WD	STJ	407112023	9/28/2016	Nb-95	5.05E-01	4.96E-01	1.60E+00	U
WD	STJ	407112023	9/28/2016	Ru-103	5.64E-01	5.73E-01	1.71E+00	U
WD	STJ	407112023	9/28/2016	Ru-106	-3.29E+00	3.92E+00	1.20E+01	U
WD	STJ	407112023	9/28/2016	Sb-124	1.71E+00	1.20E+00	3.99E+00	U
WD	STJ	407112023	9/28/2016	Sb-125	1.76E-01	1.26E+00	4.20E+00	U
WD	STJ	407112023	9/28/2016	Se-75	-7.00E-01	6.18E-01	1.99E+00	U
WD	STJ	407112023	9/28/2016	Th-228	3.69E+00	1.98E+00	3.45E+00	UI
WD	STJ	407112023	9/28/2016	Zn-65	-2.55E-01	8.02E-01	2.61E+00	U
WD	STJ	407112023	9/28/2016	Zr-95	-7.04E-01	8.53E-01	2.56E+00	U
WD	STJ	407112024	9/28/2016	I-131	-2.51E-01	2.36E-01	8.28E-01	U
WD	LTW	407112025	9/28/2016	Ac-228	-1.21E+01	3.97E+00	5.84E+00	U
WD	LTW	407112025	9/28/2016	Ag-108m	-4.84E-01	4.55E-01	1.42E+00	U
WD	LTW	407112025	9/28/2016	Ag-110m	-7.31E-01	6.87E-01	2.16E+00	U
WD	LTW	407112025	9/28/2016	Ba-140	-9.88E-01	3.43E+00	1.11E+01	U
WD	LTW	407112025	9/28/2016	Be-7	1.79E+00	4.47E+00	1.50E+01	U
WD	LTW	407112025	9/28/2016	BETA	4.51E-01	7.17E-01	2.16E+00	U
WD	LTW	407112025	9/28/2016	Ce-141	-4.85E-01	1.09E+00	3.18E+00	U
WD	LTW	407112025	9/28/2016	Ce-144	-5.25E-01	3.31E+00	1.07E+01	U
WD	LTW	407112025	9/28/2016	Co-57	-3.15E-01	5.28E-01	1.68E+00	U
WD	LTW	407112025	9/28/2016	Co-58	9.59E-01	5.62E-01	1.79E+00	U
WD	LTW	407112025	9/28/2016	Co-60	4.92E-01	5.29E-01	1.79E+00	U
WD	LTW	407112025	9/28/2016	Cr-51	-4.17E+00	5.02E+00	1.64E+01	U
WD	LTW	407112025	9/28/2016	Cs-134	4.08E-02	5.90E-01	1.68E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	407112025	9/28/2016	Cs-137	-6.88E-01	5.32E-01	1.55E+00	U
WD	LTW	407112025	9/28/2016	Fe-59	2.24E-01	1.20E+00	3.56E+00	U
WD	LTW	407112025	9/28/2016	I-131	8.45E-01	1.49E+00	5.06E+00	U
WD	LTW	407112025	9/28/2016	K-40	-3.66E+01	1.24E+01	1.66E+01	U
WD	LTW	407112025	9/28/2016	La-140	7.86E-01	1.15E+00	3.84E+00	U
WD	LTW	407112025	9/28/2016	Mn-54	-2.09E-01	5.56E-01	1.73E+00	U
WD	LTW	407112025	9/28/2016	Nb-95	1.76E-02	5.37E-01	1.72E+00	U
WD	LTW	407112025	9/28/2016	Ru-103	1.58E+00	1.08E+00	1.94E+00	U
WD	LTW	407112025	9/28/2016	Ru-106	4.15E-01	4.47E+00	1.46E+01	U
WD	LTW	407112025	9/28/2016	Sb-124	-3.63E-01	1.36E+00	4.28E+00	U
WD	LTW	407112025	9/28/2016	Sb-125	-6.32E-01	1.31E+00	4.30E+00	U
WD	LTW	407112025	9/28/2016	Se-75	-8.85E-01	9.50E-01	2.11E+00	U
WD	LTW	407112025	9/28/2016	Th-228	4.01E+00	2.41E+00	3.49E+00	UI
WD	LTW	407112025	9/28/2016	Zn-65	1.40E+00	1.17E+00	3.96E+00	U
WD	LTW	407112025	9/28/2016	Zr-95	5.00E-01	1.02E+00	2.98E+00	U
WD	LTW	407112026	9/28/2016	I-131	-2.03E-01	2.23E-01	7.83E-01	U
WD	STJ	408223023	10/12/2016	Ac-228	-2.95E+00	3.05E+00	5.70E+00	U
WD	STJ	408223023	10/12/2016	Ag-108m	1.68E-01	3.51E-01	1.18E+00	U
WD	STJ	408223023	10/12/2016	Ag-110m	2.34E-01	5.24E-01	1.69E+00	U
WD	STJ	408223023	10/12/2016	Ba-140	-5.26E-01	1.99E+00	6.48E+00	U
WD	STJ	408223023	10/12/2016	Be-7	5.77E+00	3.82E+00	1.24E+01	U
WD	STJ	408223023	10/12/2016	BETA	5.42E-01	7.47E-01	2.36E+00	U
WD	STJ	408223023	10/12/2016	Ce-141	-9.70E-02	6.88E-01	2.18E+00	U
WD	STJ	408223023	10/12/2016	Ce-144	4.14E+00	2.94E+00	9.10E+00	U
WD	STJ	408223023	10/12/2016	Co-57	-2.89E-02	3.51E-01	1.12E+00	U
WD	STJ	408223023	10/12/2016	Co-58	-3.81E-01	4.25E-01	1.28E+00	U
WD	STJ	408223023	10/12/2016	Co-60	-6.29E-01	8.08E-01	1.44E+00	U
WD	STJ	408223023	10/12/2016	Cr-51	1.39E+00	3.67E+00	1.25E+01	U
WD	STJ	408223023	10/12/2016	Cs-134	7.99E-01	5.02E-01	1.60E+00	U
WD	STJ	408223023	10/12/2016	Cs-137	1.18E-01	4.33E-01	1.42E+00	U
WD	STJ	408223023	10/12/2016	Fe-59	-1.04E+00	7.97E-01	2.41E+00	U
WD	STJ	408223023	10/12/2016	I-131	-2.14E+00	1.13E+00	2.40E+00	U
WD	STJ	408223023	10/12/2016	K-40	7.58E+00	9.88E+00	1.31E+01	U
WD	STJ	408223023	10/12/2016	La-140	-7.59E-01	6.67E-01	1.96E+00	U
WD	STJ	408223023	10/12/2016	Mn-54	1.33E-01	3.78E-01	1.22E+00	U
WD	STJ	408223023	10/12/2016	Nb-95	1.89E-01	4.34E-01	1.41E+00	U
WD	STJ	408223023	10/12/2016	Ru-103	-1.87E-01	4.37E-01	1.42E+00	U
WD	STJ	408223023	10/12/2016	Ru-106	7.65E-01	3.78E+00	1.24E+01	U
WD	STJ	408223023	10/12/2016	Sb-124	4.01E-01	8.85E-01	2.96E+00	U
WD	STJ	408223023	10/12/2016	Sb-125	-7.02E-01	1.06E+00	3.43E+00	U
WD	STJ	408223023	10/12/2016	Se-75	-5.29E-01	7.86E-01	1.82E+00	U
WD	STJ	408223023	10/12/2016	Th-228	5.36E-01	1.65E+00	2.85E+00	U
WD	STJ	408223023	10/12/2016	Zn-65	-7.68E-01	7.58E-01	2.36E+00	U
WD	STJ	408223023	10/12/2016	Zr-95	7.38E-01	7.73E-01	2.52E+00	U
WD	STJ	408223024	10/12/2016	I-131	3.72E-01	2.64E-01	7.82E-01	U
WD	LTW	408223025	10/12/2016	Ac-228	1.89E+00	3.55E+00	6.40E+00	U
WD	LTW	408223025	10/12/2016	Ag-108m	-2.67E-01	3.73E-01	1.19E+00	U
WD	LTW	408223025	10/12/2016	Ag-110m	6.36E-01	6.10E-01	1.86E+00	U
WD	LTW	408223025	10/12/2016	Ba-140	-2.56E+00	2.23E+00	6.77E+00	U
WD	LTW	408223025	10/12/2016	Be-7	6.10E+00	3.92E+00	1.26E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	408223025	10/12/2016	BETA	2.73E+00	1.14E+00	3.07E+00	U
WD	LTW	408223025	10/12/2016	Ce-141	-2.18E+00	9.10E-01	2.29E+00	U
WD	LTW	408223025	10/12/2016	Ce-144	-6.36E-01	2.81E+00	8.92E+00	U
WD	LTW	408223025	10/12/2016	Co-57	-2.74E-01	3.68E-01	1.15E+00	U
WD	LTW	408223025	10/12/2016	Co-58	6.74E-02	4.01E-01	1.37E+00	U
WD	LTW	408223025	10/12/2016	Co-60	-6.58E-01	7.96E-01	1.60E+00	U
WD	LTW	408223025	10/12/2016	Cr-51	3.25E+00	3.99E+00	1.34E+01	U
WD	LTW	408223025	10/12/2016	Cs-134	9.33E-01	5.16E-01	1.60E+00	U
WD	LTW	408223025	10/12/2016	Cs-137	1.54E-01	4.55E-01	1.48E+00	U
WD	LTW	408223025	10/12/2016	Fe-59	-5.59E-01	8.55E-01	2.74E+00	U
WD	LTW	408223025	10/12/2016	I-131	7.01E-01	7.52E-01	2.51E+00	U
WD	LTW	408223025	10/12/2016	K-40	6.32E+00	1.11E+01	1.40E+01	U
WD	LTW	408223025	10/12/2016	La-140	-1.74E+00	8.52E-01	2.12E+00	U
WD	LTW	408223025	10/12/2016	Mn-54	6.57E-01	4.19E-01	1.40E+00	U
WD	LTW	408223025	10/12/2016	Nb-95	-3.19E-02	4.64E-01	1.47E+00	U
WD	LTW	408223025	10/12/2016	Ru-103	-1.33E+00	5.47E-01	1.36E+00	U
WD	LTW	408223025	10/12/2016	Ru-106	3.92E+00	3.84E+00	1.25E+01	U
WD	LTW	408223025	10/12/2016	Sb-124	-4.69E-01	9.60E-01	2.96E+00	U
WD	LTW	408223025	10/12/2016	Sb-125	-1.91E+00	1.37E+00	3.66E+00	U
WD	LTW	408223025	10/12/2016	Se-75	5.12E-01	5.46E-01	1.85E+00	U
WD	LTW	408223025	10/12/2016	Th-228	8.97E-01	1.67E+00	3.03E+00	U
WD	LTW	408223025	10/12/2016	Zn-65	-2.61E-01	8.38E-01	2.74E+00	U
WD	LTW	408223025	10/12/2016	Zr-95	-4.88E-02	7.17E-01	2.27E+00	U
WD	LTW	408223026	10/12/2016	I-131	1.51E-01	2.43E-01	7.60E-01	U
WD	STJ	409381023	10/26/2016	Ac-228	1.59E+00	5.96E+00	1.15E+01	U
WD	STJ	409381023	10/26/2016	Ag-108m	-1.27E-01	1.10E+00	3.50E+00	U
WD	STJ	409381023	10/26/2016	Ag-110m	-1.12E+00	1.89E+00	5.86E+00	U
WD	STJ	409381023	10/26/2016	Ba-140	-1.38E-01	7.12E+00	2.27E+01	U
WD	STJ	409381023	10/26/2016	Be-7	-6.54E+00	1.13E+01	3.39E+01	U
WD	STJ	409381023	10/26/2016	BETA	2.32E-01	1.14E+00	3.72E+00	U
WD	STJ	409381023	10/26/2016	Ce-141	3.75E+00	3.77E+00	6.82E+00	U
WD	STJ	409381023	10/26/2016	Ce-144	1.21E+01	7.72E+00	2.61E+01	U
WD	STJ	409381023	10/26/2016	Co-57	1.22E+00	1.13E+00	3.86E+00	U
WD	STJ	409381023	10/26/2016	Co-58	1.92E+00	1.41E+00	5.08E+00	U
WD	STJ	409381023	10/26/2016	Co-60	-9.53E-01	1.35E+00	3.80E+00	U
WD	STJ	409381023	10/26/2016	Cr-51	-2.71E+00	1.30E+01	4.22E+01	U
WD	STJ	409381023	10/26/2016	Cs-134	4.77E-01	1.17E+00	4.10E+00	U
WD	STJ	409381023	10/26/2016	Cs-137	1.06E-01	1.46E+00	4.97E+00	U
WD	STJ	409381023	10/26/2016	Fe-59	-1.87E+00	2.94E+00	8.79E+00	U
WD	STJ	409381023	10/26/2016	I-131	-3.32E+00	2.44E+00	6.68E+00	U
WD	STJ	409381023	10/26/2016	K-40	-4.61E+00	2.01E+01	6.82E+01	U
WD	STJ	409381023	10/26/2016	La-140	2.10E+00	2.12E+00	7.87E+00	U
WD	STJ	409381023	10/26/2016	Mn-54	-1.05E+00	1.21E+00	3.56E+00	U
WD	STJ	409381023	10/26/2016	Nb-95	1.67E+00	1.53E+00	3.51E+00	U
WD	STJ	409381023	10/26/2016	Ru-103	3.97E-01	1.31E+00	4.32E+00	U
WD	STJ	409381023	10/26/2016	Ru-106	1.79E+01	1.33E+01	4.52E+01	U
WD	STJ	409381023	10/26/2016	Sb-124	-4.22E-02	2.93E+00	9.89E+00	U
WD	STJ	409381023	10/26/2016	Sb-125	2.46E+00	3.65E+00	1.23E+01	U
WD	STJ	409381023	10/26/2016	Se-75	2.06E+00	1.83E+00	6.19E+00	U
WD	STJ	409381023	10/26/2016	Th-228	-2.03E+00	2.65E+00	8.40E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	409381023	10/26/2016	Zn-65	-1.61E+00	2.68E+00	7.97E+00	U
WD	STJ	409381023	10/26/2016	Zr-95	8.92E-01	2.33E+00	8.10E+00	U
WD	STJ	409381024	10/26/2016	I-131	-2.40E-01	1.45E-01	4.95E-01	U
WD	LTW	409381025	10/26/2016	Ac-228	3.70E+00	4.79E+00	1.69E+01	U
WD	LTW	409381025	10/26/2016	Ag-108m	4.59E-01	1.04E+00	3.55E+00	U
WD	LTW	409381025	10/26/2016	Ag-110m	-8.59E-01	1.50E+00	4.70E+00	U
WD	LTW	409381025	10/26/2016	Ba-140	-1.08E+00	5.74E+00	1.85E+01	U
WD	LTW	409381025	10/26/2016	Be-7	5.79E+00	1.09E+01	3.71E+01	U
WD	LTW	409381025	10/26/2016	BETA	3.17E+00	1.21E+00	3.37E+00	U
WD	LTW	409381025	10/26/2016	Ce-141	7.26E-01	1.66E+00	5.57E+00	U
WD	LTW	409381025	10/26/2016	Ce-144	8.41E-01	5.91E+00	1.98E+01	U
WD	LTW	409381025	10/26/2016	Co-57	-7.87E-01	8.13E-01	2.54E+00	U
WD	LTW	409381025	10/26/2016	Co-58	-2.12E+00	1.41E+00	3.83E+00	U
WD	LTW	409381025	10/26/2016	Co-60	-1.77E+00	1.12E+00	2.19E+00	U
WD	LTW	409381025	10/26/2016	Cr-51	1.06E+00	1.01E+01	3.48E+01	U
WD	LTW	409381025	10/26/2016	Cs-134	-1.87E+00	1.33E+00	3.66E+00	U
WD	LTW	409381025	10/26/2016	Cs-137	-1.88E+00	1.16E+00	2.71E+00	U
WD	LTW	409381025	10/26/2016	Fe-59	3.98E-02	2.23E+00	7.36E+00	U
WD	LTW	409381025	10/26/2016	I-131	7.51E-01	2.05E+00	7.08E+00	U
WD	LTW	409381025	10/26/2016	K-40	-3.10E+01	1.89E+01	5.48E+01	U
WD	LTW	409381025	10/26/2016	La-140	1.94E-01	2.77E+00	8.96E+00	U
WD	LTW	409381025	10/26/2016	Mn-54	-2.93E-01	1.09E+00	3.58E+00	U
WD	LTW	409381025	10/26/2016	Nb-95	-8.50E-01	1.35E+00	3.97E+00	U
WD	LTW	409381025	10/26/2016	Ru-103	-1.78E+00	1.50E+00	3.72E+00	U
WD	LTW	409381025	10/26/2016	Ru-106	-6.14E+00	1.02E+01	3.06E+01	U
WD	LTW	409381025	10/26/2016	Sb-124	-1.51E+00	3.35E+00	1.04E+01	U
WD	LTW	409381025	10/26/2016	Sb-125	-4.63E+00	3.53E+00	1.03E+01	U
WD	LTW	409381025	10/26/2016	Se-75	2.20E+00	1.52E+00	4.95E+00	U
WD	LTW	409381025	10/26/2016	Th-228	2.05E+00	3.08E+00	7.54E+00	U
WD	LTW	409381025	10/26/2016	Zn-65	-1.14E+00	2.43E+00	7.49E+00	U
WD	LTW	409381025	10/26/2016	Zr-95	-1.51E+00	2.07E+00	5.88E+00	U
WD	LTW	409381026	10/26/2016	I-131	-8.93E-02	1.21E-01	4.07E-01	U
WD	STJ	410456023	11/9/2016	Ac-228	-9.32E+00	6.23E+00	1.56E+01	U
WD	STJ	410456023	11/9/2016	Ag-108m	4.38E-01	1.37E+00	4.33E+00	U
WD	STJ	410456023	11/9/2016	Ag-110m	3.58E+00	1.90E+00	6.74E+00	U
WD	STJ	410456023	11/9/2016	Ba-140	1.13E+00	7.54E+00	2.50E+01	U
WD	STJ	410456023	11/9/2016	Be-7	-6.17E+00	1.16E+01	3.65E+01	U
WD	STJ	410456023	11/9/2016	BETA	2.09E+00	9.74E-01	2.62E+00	U
WD	STJ	410456023	11/9/2016	Ce-141	-2.48E+00	2.49E+00	7.98E+00	U
WD	STJ	410456023	11/9/2016	Ce-144	7.24E+00	9.82E+00	3.11E+01	U
WD	STJ	410456023	11/9/2016	Co-57	9.06E-01	1.17E+00	4.08E+00	U
WD	STJ	410456023	11/9/2016	Co-58	2.30E-02	1.35E+00	4.36E+00	U
WD	STJ	410456023	11/9/2016	Co-60	-1.52E-01	9.10E-01	2.98E+00	U
WD	STJ	410456023	11/9/2016	Cr-51	-6.24E-01	1.31E+01	4.37E+01	U
WD	STJ	410456023	11/9/2016	Cs-134	-1.74E+00	1.57E+00	4.29E+00	U
WD	STJ	410456023	11/9/2016	Cs-137	7.42E-01	1.40E+00	4.76E+00	U
WD	STJ	410456023	11/9/2016	Fe-59	1.19E+00	2.37E+00	8.01E+00	U
WD	STJ	410456023	11/9/2016	I-131	-6.37E-01	2.23E+00	7.28E+00	U
WD	STJ	410456023	11/9/2016	K-40	-1.24E+00	1.90E+01	6.36E+01	U
WD	STJ	410456023	11/9/2016	La-140	-4.14E-02	2.38E+00	7.95E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	410456023	11/9/2016	Mn-54	-5.58E-02	1.34E+00	4.31E+00	U
WD	STJ	410456023	11/9/2016	Nb-95	1.11E+00	1.36E+00	4.69E+00	U
WD	STJ	410456023	11/9/2016	Ru-103	-1.97E+00	1.44E+00	3.93E+00	U
WD	STJ	410456023	11/9/2016	Ru-106	-2.97E+00	1.23E+01	3.91E+01	U
WD	STJ	410456023	11/9/2016	Sb-124	-3.65E+00	3.16E+00	8.05E+00	U
WD	STJ	410456023	11/9/2016	Sb-125	-1.11E+00	3.53E+00	1.14E+01	U
WD	STJ	410456023	11/9/2016	Se-75	-1.45E+00	1.91E+00	6.12E+00	U
WD	STJ	410456023	11/9/2016	Th-228	1.47E+00	3.90E+00	9.66E+00	U
WD	STJ	410456023	11/9/2016	Zn-65	2.06E-01	2.47E+00	7.94E+00	U
WD	STJ	410456023	11/9/2016	Zr-95	-4.66E-01	2.29E+00	7.24E+00	U
WD	STJ	410456024	11/9/2016	I-131	1.12E-01	2.63E-01	8.35E-01	U
WD	LTW	410456025	11/9/2016	Ac-228	-3.39E+00	4.59E+00	1.50E+01	U
WD	LTW	410456025	11/9/2016	Ag-108m	3.85E-01	1.09E+00	3.68E+00	U
WD	LTW	410456025	11/9/2016	Ag-110m	1.52E-01	1.39E+00	4.77E+00	U
WD	LTW	410456025	11/9/2016	Ba-140	4.11E+00	6.07E+00	2.07E+01	U
WD	LTW	410456025	11/9/2016	Be-7	1.48E+01	1.07E+01	3.46E+01	U
WD	LTW	410456025	11/9/2016	BETA	4.19E-03	8.96E-01	2.90E+00	U
WD	LTW	410456025	11/9/2016	Ce-141	2.85E+00	2.03E+00	6.57E+00	U
WD	LTW	410456025	11/9/2016	Ce-144	7.41E+00	7.16E+00	2.34E+01	U
WD	LTW	410456025	11/9/2016	Co-57	-3.51E-01	9.65E-01	3.03E+00	U
WD	LTW	410456025	11/9/2016	Co-58	-3.50E-01	1.09E+00	3.10E+00	U
WD	LTW	410456025	11/9/2016	Co-60	-8.10E-01	1.24E+00	3.65E+00	U
WD	LTW	410456025	11/9/2016	Cr-51	-8.11E-01	1.07E+01	3.60E+01	U
WD	LTW	410456025	11/9/2016	Cs-134	7.68E-01	1.38E+00	4.59E+00	U
WD	LTW	410456025	11/9/2016	Cs-137	7.73E-01	1.31E+00	4.38E+00	U
WD	LTW	410456025	11/9/2016	Fe-59	-6.30E-01	2.11E+00	6.75E+00	U
WD	LTW	410456025	11/9/2016	I-131	1.30E+00	1.88E+00	6.53E+00	U
WD	LTW	410456025	11/9/2016	K-40	1.88E+01	2.60E+01	3.29E+01	U
WD	LTW	410456025	11/9/2016	La-140	1.12E+00	1.91E+00	6.69E+00	U
WD	LTW	410456025	11/9/2016	Mn-54	1.45E+00	1.19E+00	4.27E+00	U
WD	LTW	410456025	11/9/2016	Nb-95	2.56E-01	1.47E+00	4.24E+00	U
WD	LTW	410456025	11/9/2016	Ru-103	-2.10E-01	1.19E+00	3.86E+00	U
WD	LTW	410456025	11/9/2016	Ru-106	-2.08E+00	9.89E+00	3.13E+01	U
WD	LTW	410456025	11/9/2016	Sb-124	3.11E-01	2.95E+00	9.65E+00	U
WD	LTW	410456025	11/9/2016	Sb-125	-3.76E+00	2.97E+00	8.41E+00	U
WD	LTW	410456025	11/9/2016	Se-75	-9.76E-01	1.47E+00	4.78E+00	U
WD	LTW	410456025	11/9/2016	Th-228	1.87E+00	3.76E+00	7.17E+00	U
WD	LTW	410456025	11/9/2016	Zn-65	2.75E+00	2.05E+00	7.21E+00	U
WD	LTW	410456025	11/9/2016	Zr-95	-4.58E+00	2.65E+00	5.99E+00	U
WD	LTW	410456026	11/9/2016	I-131	-7.01E-02	2.39E-01	8.09E-01	U
WD	STJ	414248001	12/21/2016	H-3	-5.54E+02	3.95E+02	1.38E+03	U
WD	LTW	414248002	12/21/2016	H-3	-5.73E+02	3.87E+02	1.36E+03	U
WD	STJ	411429023	11/23/2016	Ac-228	2.88E+00	6.95E+00	1.65E+01	U
WD	STJ	411429023	11/23/2016	Ag-108m	6.16E-01	9.42E-01	3.24E+00	U
WD	STJ	411429023	11/23/2016	Ag-110m	-1.71E+00	1.72E+00	5.15E+00	U
WD	STJ	411429023	11/23/2016	Ba-140	2.10E+01	2.10E+01	2.57E+01	U
WD	STJ	411429023	11/23/2016	Be-7	1.15E+01	1.06E+01	3.68E+01	U
WD	STJ	411429023	11/23/2016	BETA	1.34E+00	7.43E-01	1.97E+00	U
WD	STJ	411429023	11/23/2016	Ce-141	-2.12E+00	2.55E+00	7.24E+00	U
WD	STJ	411429023	11/23/2016	Ce-144	1.25E+01	8.16E+00	2.47E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	411429023	11/23/2016	Co-57	-4.47E-01	1.02E+00	3.18E+00	U
WD	STJ	411429023	11/23/2016	Co-58	-1.53E+00	1.36E+00	3.58E+00	U
WD	STJ	411429023	11/23/2016	Co-60	1.89E+00	1.32E+00	4.81E+00	U
WD	STJ	411429023	11/23/2016	Cr-51	6.81E+00	1.20E+01	4.13E+01	U
WD	STJ	411429023	11/23/2016	Cs-134	-2.09E-01	1.28E+00	3.99E+00	U
WD	STJ	411429023	11/23/2016	Cs-137	1.16E+00	1.04E+00	3.64E+00	U
WD	STJ	411429023	11/23/2016	Fe-59	-1.09E+00	2.63E+00	8.31E+00	U
WD	STJ	411429023	11/23/2016	I-131	5.51E+00	3.56E+00	1.23E+01	U
WD	STJ	411429023	11/23/2016	K-40	-2.17E+01	1.59E+01	4.26E+01	U
WD	STJ	411429023	11/23/2016	La-140	6.66E+00	3.72E+00	1.33E+01	U
WD	STJ	411429023	11/23/2016	Mn-54	1.30E-01	1.09E+00	3.75E+00	U
WD	STJ	411429023	11/23/2016	Nb-95	4.50E-01	1.47E+00	4.80E+00	U
WD	STJ	411429023	11/23/2016	Ru-103	6.04E-01	1.50E+00	5.03E+00	U
WD	STJ	411429023	11/23/2016	Ru-106	-1.81E+00	8.83E+00	2.79E+01	U
WD	STJ	411429023	11/23/2016	Sb-124	1.48E+00	2.68E+00	9.39E+00	U
WD	STJ	411429023	11/23/2016	Sb-125	-4.36E+00	3.47E+00	1.00E+01	U
WD	STJ	411429023	11/23/2016	Se-75	1.69E-01	1.37E+00	4.68E+00	U
WD	STJ	411429023	11/23/2016	Th-228	4.81E+00	4.18E+00	8.48E+00	U
WD	STJ	411429023	11/23/2016	Zn-65	-5.52E-01	2.33E+00	7.51E+00	U
WD	STJ	411429023	11/23/2016	Zr-95	1.57E+00	1.75E+00	6.12E+00	U
WD	STJ	411429024	11/23/2016	I-131	2.45E-01	2.69E-01	8.31E-01	U
WD	LTW	411429025	11/23/2016	Ac-228	3.14E+00	5.50E+00	1.88E+01	U
WD	LTW	411429025	11/23/2016	Ag-108m	3.16E-01	9.00E-01	3.10E+00	U
WD	LTW	411429025	11/23/2016	Ag-110m	-1.95E+00	1.38E+00	3.29E+00	U
WD	LTW	411429025	11/23/2016	Ba-140	-1.06E+01	7.37E+00	1.97E+01	U
WD	LTW	411429025	11/23/2016	Be-7	1.98E+01	1.00E+01	2.68E+01	U
WD	LTW	411429025	11/23/2016	BETA	9.74E-01	7.62E-01	2.19E+00	U
WD	LTW	411429025	11/23/2016	Ce-141	-3.42E+00	2.46E+00	7.13E+00	U
WD	LTW	411429025	11/23/2016	Ce-144	9.62E+00	7.17E+00	2.38E+01	U
WD	LTW	411429025	11/23/2016	Co-57	3.10E-01	9.90E-01	3.06E+00	U
WD	LTW	411429025	11/23/2016	Co-58	-2.80E+00	1.40E+00	2.99E+00	U
WD	LTW	411429025	11/23/2016	Co-60	1.80E+00	1.30E+00	4.70E+00	U
WD	LTW	411429025	11/23/2016	Cr-51	-1.68E+00	1.05E+01	3.57E+01	U
WD	LTW	411429025	11/23/2016	Cs-134	3.07E-01	1.21E+00	4.01E+00	U
WD	LTW	411429025	11/23/2016	Cs-137	-1.84E+00	1.66E+00	4.82E+00	U
WD	LTW	411429025	11/23/2016	Fe-59	-8.64E-01	1.85E+00	5.82E+00	U
WD	LTW	411429025	11/23/2016	I-131	2.49E-01	2.72E+00	9.36E+00	U
WD	LTW	411429025	11/23/2016	K-40	2.48E+01	1.35E+01	0.00E+00	UI
WD	LTW	411429025	11/23/2016	La-140	-1.30E+00	2.34E+00	6.91E+00	U
WD	LTW	411429025	11/23/2016	Mn-54	1.61E+00	1.07E+00	3.76E+00	U
WD	LTW	411429025	11/23/2016	Nb-95	-1.07E+00	1.39E+00	3.84E+00	U
WD	LTW	411429025	11/23/2016	Ru-103	8.75E-01	1.26E+00	4.37E+00	U
WD	LTW	411429025	11/23/2016	Ru-106	1.02E+01	8.56E+00	3.03E+01	U
WD	LTW	411429025	11/23/2016	Sb-124	-1.14E+00	3.27E+00	1.01E+01	U
WD	LTW	411429025	11/23/2016	Sb-125	3.14E+00	4.24E+00	1.01E+01	U
WD	LTW	411429025	11/23/2016	Se-75	-7.78E-01	1.55E+00	4.70E+00	U
WD	LTW	411429025	11/23/2016	Th-228	1.08E+00	3.28E+00	6.14E+00	U
WD	LTW	411429025	11/23/2016	Zn-65	-3.81E+00	2.21E+00	5.23E+00	U
WD	LTW	411429025	11/23/2016	Zr-95	-1.87E+00	2.07E+00	5.90E+00	U
WD	LTW	411429026	11/23/2016	I-131	8.87E-01	3.14E-01	9.15E-01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	STJ	412404023	12/7/2016	Ac-228	3.86E+00	6.32E+00	2.11E+01	U
WD	STJ	412404023	12/7/2016	Ag-108m	-3.02E-01	1.10E+00	3.56E+00	U
WD	STJ	412404023	12/7/2016	Ag-110m	-6.25E-01	1.63E+00	4.95E+00	U
WD	STJ	412404023	12/7/2016	Ba-140	7.33E+00	6.70E+00	2.33E+01	U
WD	STJ	412404023	12/7/2016	Be-7	5.17E+00	1.33E+01	4.28E+01	U
WD	STJ	412404023	12/7/2016	BETA	2.25E-02	8.28E-01	2.71E+00	U
WD	STJ	412404023	12/7/2016	Ce-141	3.23E+00	3.94E+00	8.13E+00	U
WD	STJ	412404023	12/7/2016	Ce-144	3.64E+00	8.96E+00	3.11E+01	U
WD	STJ	412404023	12/7/2016	Co-57	7.67E-01	1.22E+00	4.24E+00	U
WD	STJ	412404023	12/7/2016	Co-58	-1.20E+00	1.30E+00	3.63E+00	U
WD	STJ	412404023	12/7/2016	Co-60	3.26E-01	1.37E+00	4.76E+00	U
WD	STJ	412404023	12/7/2016	Cr-51	-3.08E+00	1.14E+01	3.76E+01	U
WD	STJ	412404023	12/7/2016	Cs-134	2.94E+00	1.67E+00	5.83E+00	U
WD	STJ	412404023	12/7/2016	Cs-137	1.27E+00	1.38E+00	4.76E+00	U
WD	STJ	412404023	12/7/2016	Fe-59	2.94E+00	2.74E+00	8.99E+00	U
WD	STJ	412404023	12/7/2016	I-131	4.14E+00	2.51E+00	8.56E+00	U
WD	STJ	412404023	12/7/2016	K-40	-3.91E+01	2.04E+01	4.67E+01	U
WD	STJ	412404023	12/7/2016	La-140	-5.82E-01	2.62E+00	8.54E+00	U
WD	STJ	412404023	12/7/2016	Mn-54	-6.40E-01	1.46E+00	4.46E+00	U
WD	STJ	412404023	12/7/2016	Nb-95	3.26E+00	1.29E+00	4.64E+00	U
WD	STJ	412404023	12/7/2016	Ru-103	-5.17E-01	1.35E+00	4.30E+00	U
WD	STJ	412404023	12/7/2016	Ru-106	-6.05E-01	1.13E+01	3.66E+01	U
WD	STJ	412404023	12/7/2016	Sb-124	3.99E+00	2.57E+00	1.03E+01	U
WD	STJ	412404023	12/7/2016	Sb-125	9.31E+00	4.02E+00	1.34E+01	U
WD	STJ	412404023	12/7/2016	Se-75	-1.83E+00	1.85E+00	5.76E+00	U
WD	STJ	412404023	12/7/2016	Th-228	1.46E+00	3.46E+00	9.32E+00	U
WD	STJ	412404023	12/7/2016	Zn-65	9.26E-01	1.90E+00	6.53E+00	U
WD	STJ	412404023	12/7/2016	Zr-95	-2.42E+00	2.72E+00	7.86E+00	U
WD	STJ	412404024	12/7/2016	I-131	8.97E-02	2.00E-01	6.36E-01	U
WD	LTW	412404025	12/7/2016	Ac-228	2.51E+00	5.32E+00	1.78E+01	U
WD	LTW	412404025	12/7/2016	Ag-108m	-1.14E+00	9.96E-01	2.91E+00	U
WD	LTW	412404025	12/7/2016	Ag-110m	1.81E+00	1.60E+00	5.26E+00	U
WD	LTW	412404025	12/7/2016	Ba-140	1.89E+00	6.11E+00	2.07E+01	U
WD	LTW	412404025	12/7/2016	Be-7	1.75E+01	1.06E+01	3.71E+01	U
WD	LTW	412404025	12/7/2016	BETA	2.30E+00	1.14E+00	3.23E+00	U
WD	LTW	412404025	12/7/2016	Ce-141	3.66E+00	2.20E+00	7.19E+00	U
WD	LTW	412404025	12/7/2016	Ce-144	-8.82E+00	7.63E+00	2.24E+01	U
WD	LTW	412404025	12/7/2016	Co-57	6.96E-01	1.00E+00	3.35E+00	U
WD	LTW	412404025	12/7/2016	Co-58	6.79E-01	1.11E+00	3.80E+00	U
WD	LTW	412404025	12/7/2016	Co-60	-1.44E+00	1.52E+00	4.29E+00	U
WD	LTW	412404025	12/7/2016	Cr-51	9.41E+00	1.04E+01	3.66E+01	U
WD	LTW	412404025	12/7/2016	Cs-134	4.44E-01	1.08E+00	3.64E+00	U
WD	LTW	412404025	12/7/2016	Cs-137	2.15E+00	1.99E+00	3.37E+00	U
WD	LTW	412404025	12/7/2016	Fe-59	7.20E-01	2.33E+00	8.10E+00	U
WD	LTW	412404025	12/7/2016	I-131	6.95E-01	2.02E+00	6.71E+00	U
WD	LTW	412404025	12/7/2016	K-40	5.89E+00	1.99E+01	6.85E+01	U
WD	LTW	412404025	12/7/2016	La-140	1.26E+00	1.59E+00	5.87E+00	U
WD	LTW	412404025	12/7/2016	Mn-54	-3.01E+00	1.57E+00	3.40E+00	U
WD	LTW	412404025	12/7/2016	Nb-95	2.00E+00	1.09E+00	2.89E+00	U
WD	LTW	412404025	12/7/2016	Ru-103	-8.74E-01	1.37E+00	4.30E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	412404025	12/7/2016	Ru-106	-4.67E-01	1.05E+01	3.42E+01	U
WD	LTW	412404025	12/7/2016	Sb-124	-5.34E+00	3.57E+00	7.75E+00	U
WD	LTW	412404025	12/7/2016	Sb-125	-2.72E+00	3.23E+00	9.98E+00	U
WD	LTW	412404025	12/7/2016	Se-75	5.52E-01	1.42E+00	4.56E+00	U
WD	LTW	412404025	12/7/2016	Th-228	6.42E+00	3.93E+00	7.56E+00	U
WD	LTW	412404025	12/7/2016	Zn-65	-1.23E+00	2.50E+00	6.65E+00	U
WD	LTW	412404025	12/7/2016	Zr-95	-4.33E+00	2.48E+00	5.64E+00	U
WD	LTW	412404026	12/7/2016	I-131	-2.79E-01	1.72E-01	6.35E-01	U
WD	STJ	413336023	12/21/2016	Ac-228	-7.94E-01	4.92E+00	1.58E+01	U
WD	STJ	413336023	12/21/2016	Ag-108m	4.90E-01	9.35E-01	3.24E+00	U
WD	STJ	413336023	12/21/2016	Ag-110m	-1.36E+00	1.45E+00	4.00E+00	U
WD	STJ	413336023	12/21/2016	Ba-140	2.96E+00	5.76E+00	1.98E+01	U
WD	STJ	413336023	12/21/2016	Be-7	1.05E+01	9.67E+00	3.38E+01	U
WD	STJ	413336023	12/21/2016	BETA	-4.66E-01	1.05E+00	3.55E+00	U
WD	STJ	413336023	12/21/2016	Ce-141	-2.39E+00	2.23E+00	5.79E+00	U
WD	STJ	413336023	12/21/2016	Ce-144	-3.01E-01	6.68E+00	2.19E+01	U
WD	STJ	413336023	12/21/2016	Co-57	-1.70E+00	1.07E+00	2.83E+00	U
WD	STJ	413336023	12/21/2016	Co-58	-1.00E+00	1.09E+00	2.54E+00	U
WD	STJ	413336023	12/21/2016	Co-60	-8.51E-01	8.21E-01	2.12E+00	U
WD	STJ	413336023	12/21/2016	Cr-51	-3.03E+00	9.75E+00	3.29E+01	U
WD	STJ	413336023	12/21/2016	Cs-134	-2.72E-01	1.34E+00	4.23E+00	U
WD	STJ	413336023	12/21/2016	Cs-137	-2.75E-01	1.46E+00	4.99E+00	U
WD	STJ	413336023	12/21/2016	Fe-59	2.51E+00	1.98E+00	7.30E+00	U
WD	STJ	413336023	12/21/2016	I-131	-5.89E-01	1.96E+00	6.57E+00	U
WD	STJ	413336023	12/21/2016	K-40	1.47E+01	2.13E+01	3.42E+01	U
WD	STJ	413336023	12/21/2016	La-140	-1.10E+00	1.65E+00	4.74E+00	U
WD	STJ	413336023	12/21/2016	Mn-54	1.56E+00	1.16E+00	3.76E+00	U
WD	STJ	413336023	12/21/2016	Nb-95	1.42E+00	1.19E+00	4.11E+00	U
WD	STJ	413336023	12/21/2016	Ru-103	-2.17E+00	1.35E+00	3.67E+00	U
WD	STJ	413336023	12/21/2016	Ru-106	2.80E+01	1.04E+01	2.56E+01	UI
WD	STJ	413336023	12/21/2016	Sb-124	1.35E+00	2.72E+00	9.43E+00	U
WD	STJ	413336023	12/21/2016	Sb-125	-2.31E+00	2.61E+00	8.05E+00	U
WD	STJ	413336023	12/21/2016	Se-75	-2.14E+00	1.56E+00	4.21E+00	U
WD	STJ	413336023	12/21/2016	Th-228	2.08E+00	3.81E+00	8.82E+00	U
WD	STJ	413336023	12/21/2016	Zn-65	-3.22E-01	2.10E+00	6.97E+00	U
WD	STJ	413336023	12/21/2016	Zr-95	1.45E+00	1.92E+00	6.59E+00	U
WD	STJ	413336024	12/21/2016	I-131	1.12E-01	2.51E-01	7.99E-01	U
WD	LTW	413336025	12/21/2016	Ac-228	4.72E+00	5.47E+00	1.62E+01	U
WD	LTW	413336025	12/21/2016	Ag-108m	6.01E-01	1.07E+00	3.63E+00	U
WD	LTW	413336025	12/21/2016	Ag-110m	-2.08E+00	1.44E+00	2.94E+00	U
WD	LTW	413336025	12/21/2016	Ba-140	1.68E+01	9.66E+00	2.04E+01	U
WD	LTW	413336025	12/21/2016	Be-7	-9.16E-01	9.97E+00	3.26E+01	U
WD	LTW	413336025	12/21/2016	BETA	1.96E+00	1.09E+00	3.11E+00	U
WD	LTW	413336025	12/21/2016	Ce-141	-6.01E+00	2.70E+00	6.21E+00	U
WD	LTW	413336025	12/21/2016	Ce-144	8.36E-01	7.78E+00	2.51E+01	U
WD	LTW	413336025	12/21/2016	Co-57	9.80E-01	9.87E-01	3.25E+00	U
WD	LTW	413336025	12/21/2016	Co-58	3.49E-01	1.04E+00	3.62E+00	U
WD	LTW	413336025	12/21/2016	Co-60	-1.14E+00	1.12E+00	3.02E+00	U
WD	LTW	413336025	12/21/2016	Cr-51	1.75E+01	1.18E+01	4.03E+01	U
WD	LTW	413336025	12/21/2016	Cs-134	1.98E+00	1.65E+00	5.11E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WD	LTW	413336025	12/21/2016	Cs-137	-6.41E-01	1.06E+00	3.15E+00	U
WD	LTW	413336025	12/21/2016	Fe-59	4.87E+00	2.36E+00	8.25E+00	U
WD	LTW	413336025	12/21/2016	I-131	2.62E-01	2.00E+00	6.78E+00	U
WD	LTW	413336025	12/21/2016	K-40	1.88E+01	1.77E+01	0.00E+00	UI
WD	LTW	413336025	12/21/2016	La-140	-2.30E+00	2.43E+00	6.69E+00	U
WD	LTW	413336025	12/21/2016	Mn-54	1.18E+00	1.23E+00	4.37E+00	U
WD	LTW	413336025	12/21/2016	Nb-95	1.40E+00	1.33E+00	4.51E+00	U
WD	LTW	413336025	12/21/2016	Ru-103	-2.28E+00	1.29E+00	3.25E+00	U
WD	LTW	413336025	12/21/2016	Ru-106	-1.81E+00	9.62E+00	3.05E+01	U
WD	LTW	413336025	12/21/2016	Sb-124	1.97E+00	2.74E+00	9.62E+00	U
WD	LTW	413336025	12/21/2016	Sb-125	-2.46E+00	3.11E+00	9.59E+00	U
WD	LTW	413336025	12/21/2016	Se-75	-3.65E-01	1.45E+00	4.90E+00	U
WD	LTW	413336025	12/21/2016	Th-228	1.56E+00	6.09E+00	8.10E+00	U
WD	LTW	413336025	12/21/2016	Zn-65	-6.85E-01	2.38E+00	6.59E+00	U
WD	LTW	413336025	12/21/2016	Zr-95	2.05E+00	2.04E+00	6.99E+00	U
WD	LTW	413336026	12/21/2016	I-131	4.30E-01	2.76E-01	8.36E-01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-2	388905001	1/6/2016	Ac-228	4.48E+00	2.89E+00	6.75E+00	U
WG	W-2	388905001	1/6/2016	Ag-108m	4.90E-01	4.66E-01	1.54E+00	U
WG	W-2	388905001	1/6/2016	Ag-110m	3.93E-01	5.15E-01	1.67E+00	U
WG	W-2	388905001	1/6/2016	Ba-140	-4.43E+00	2.88E+00	8.36E+00	U
WG	W-2	388905001	1/6/2016	Be-7	2.72E+00	4.57E+00	1.52E+01	U
WG	W-2	388905001	1/6/2016	Ce-141	-1.22E+00	9.27E-01	2.88E+00	U
WG	W-2	388905001	1/6/2016	Ce-144	-1.29E+00	3.29E+00	1.09E+01	U
WG	W-2	388905001	1/6/2016	Co-57	-2.65E-01	4.39E-01	1.45E+00	U
WG	W-2	388905001	1/6/2016	Co-58	-5.94E-01	6.03E-01	1.62E+00	U
WG	W-2	388905001	1/6/2016	Co-60	-1.51E+00	6.33E-01	1.52E+00	U
WG	W-2	388905001	1/6/2016	Cr-51	5.09E+00	6.52E+00	1.68E+01	U
WG	W-2	388905001	1/6/2016	Cs-134	-3.48E-01	5.16E-01	1.66E+00	U
WG	W-2	388905001	1/6/2016	Cs-137	-8.90E-01	5.89E-01	1.67E+00	U
WG	W-2	388905001	1/6/2016	Fe-59	-2.17E+00	1.36E+00	3.14E+00	U
WG	W-2	388905001	1/6/2016	H-3	-3.27E+02	4.44E+02	1.51E+03	U
WG	W-2	388905001	1/6/2016	I-131	-9.16E-01	1.13E+00	3.06E+00	U
WG	W-2	388905001	1/6/2016	K-40	5.08E+00	1.29E+01	1.71E+01	U
WG	W-2	388905001	1/6/2016	La-140	-4.13E-01	1.02E+00	2.78E+00	U
WG	W-2	388905001	1/6/2016	Mn-54	-3.84E-01	5.68E-01	1.57E+00	U
WG	W-2	388905001	1/6/2016	Nb-95	8.39E-01	5.60E-01	1.85E+00	U
WG	W-2	388905001	1/6/2016	Ru-103	-4.89E-01	6.25E-01	1.72E+00	U
WG	W-2	388905001	1/6/2016	Ru-106	4.11E+00	4.45E+00	1.45E+01	U
WG	W-2	388905001	1/6/2016	Sb-124	-5.67E-01	1.44E+00	4.59E+00	U
WG	W-2	388905001	1/6/2016	Sb-125	3.23E-03	1.32E+00	4.40E+00	U
WG	W-2	388905001	1/6/2016	Se-75	-1.26E+00	7.74E-01	2.20E+00	U
WG	W-2	388905001	1/6/2016	Th-228	1.48E+00	1.72E+00	3.18E+00	U
WG	W-2	388905001	1/6/2016	Zn-65	-7.68E-01	1.59E+00	3.30E+00	U
WG	W-2	388905001	1/6/2016	Zr-95	-1.72E+00	1.09E+00	2.70E+00	U
WG	W-3	388905002	1/5/2016	Ac-228	1.48E-01	3.65E+00	6.35E+00	U
WG	W-3	388905002	1/5/2016	Ag-108m	-5.87E-02	4.68E-01	1.51E+00	U
WG	W-3	388905002	1/5/2016	Ag-110m	-2.01E+00	7.37E-01	1.72E+00	U
WG	W-3	388905002	1/5/2016	Ba-140	-7.73E+00	5.08E+00	8.95E+00	U
WG	W-3	388905002	1/5/2016	Be-7	-3.70E+00	4.80E+00	1.49E+01	U
WG	W-3	388905002	1/5/2016	Ce-141	-8.17E-01	1.11E+00	3.07E+00	U
WG	W-3	388905002	1/5/2016	Ce-144	1.47E+00	3.59E+00	1.16E+01	U
WG	W-3	388905002	1/5/2016	Co-57	3.84E-01	4.67E-01	1.50E+00	U
WG	W-3	388905002	1/5/2016	Co-58	-9.60E-03	4.73E-01	1.55E+00	U
WG	W-3	388905002	1/5/2016	Co-60	-1.85E-02	5.29E-01	1.75E+00	U
WG	W-3	388905002	1/5/2016	Cr-51	9.31E-01	5.26E+00	1.75E+01	U
WG	W-3	388905002	1/5/2016	Cs-134	9.76E-01	6.58E-01	1.89E+00	U
WG	W-3	388905002	1/5/2016	Cs-137	-1.04E+00	9.82E-01	2.37E+00	U
WG	W-3	388905002	1/5/2016	Fe-59	1.06E+00	1.05E+00	3.54E+00	U
WG	W-3	388905002	1/5/2016	H-3	-1.98E+02	4.57E+02	1.53E+03	U
WG	W-3	388905002	1/5/2016	I-131	9.50E-01	1.13E+00	3.70E+00	U
WG	W-3	388905002	1/5/2016	K-40	1.49E+01	1.23E+01	1.82E+01	U
WG	W-3	388905002	1/5/2016	La-140	-3.07E-01	1.11E+00	3.04E+00	U
WG	W-3	388905002	1/5/2016	Mn-54	-2.01E-01	4.79E-01	1.54E+00	U
WG	W-3	388905002	1/5/2016	Nb-95	1.10E+00	5.99E-01	1.89E+00	U
WG	W-3	388905002	1/5/2016	Ru-103	-4.92E-01	5.99E-01	1.85E+00	U
WG	W-3	388905002	1/5/2016	Ru-106	1.26E+00	4.51E+00	1.52E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-3	388905002	1/5/2016	Sb-124	-9.28E-01	1.59E+00	4.16E+00	U
WG	W-3	388905002	1/5/2016	Sb-125	2.11E+00	1.53E+00	4.89E+00	U
WG	W-3	388905002	1/5/2016	Se-75	4.72E-01	7.20E-01	2.41E+00	U
WG	W-3	388905002	1/5/2016	Th-228	6.97E-02	1.63E+00	3.85E+00	U
WG	W-3	388905002	1/5/2016	Zn-65	6.63E-01	1.15E+00	3.89E+00	U
WG	W-3	388905002	1/5/2016	Zr-95	1.46E+00	9.46E-01	3.07E+00	U
WG	W-8	388905003	1/5/2016	Ac-228	1.86E+00	3.58E+00	8.72E+00	U
WG	W-8	388905003	1/5/2016	Ag-108m	9.52E-03	5.45E-01	1.80E+00	U
WG	W-8	388905003	1/5/2016	Ag-110m	2.13E-01	8.83E-01	1.98E+00	U
WG	W-8	388905003	1/5/2016	Ba-140	-1.47E+00	3.34E+00	1.07E+01	U
WG	W-8	388905003	1/5/2016	Be-7	7.47E+00	5.88E+00	1.90E+01	U
WG	W-8	388905003	1/5/2016	Ce-141	-3.88E-01	1.33E+00	3.92E+00	U
WG	W-8	388905003	1/5/2016	Ce-144	2.73E+00	4.81E+00	1.49E+01	U
WG	W-8	388905003	1/5/2016	Co-57	-5.90E-01	6.23E-01	1.93E+00	U
WG	W-8	388905003	1/5/2016	Co-58	-4.03E-01	6.50E-01	1.72E+00	U
WG	W-8	388905003	1/5/2016	Co-60	-3.86E-01	6.06E-01	1.92E+00	U
WG	W-8	388905003	1/5/2016	Cr-51	-1.34E+01	6.86E+00	1.95E+01	U
WG	W-8	388905003	1/5/2016	Cs-134	-1.07E+00	8.05E-01	2.09E+00	U
WG	W-8	388905003	1/5/2016	Cs-137	-2.07E+00	1.01E+00	2.09E+00	U
WG	W-8	388905003	1/5/2016	Fe-59	5.64E+00	2.59E+00	4.06E+00	UI
WG	W-8	388905003	1/5/2016	H-3	-2.05E+02	4.50E+02	1.51E+03	U
WG	W-8	388905003	1/5/2016	I-131	5.88E-01	1.23E+00	4.09E+00	U
WG	W-8	388905003	1/5/2016	K-40	2.78E+01	1.55E+01	2.12E+01	UI
WG	W-8	388905003	1/5/2016	La-140	2.15E+00	1.19E+00	3.85E+00	U
WG	W-8	388905003	1/5/2016	Mn-54	6.96E-01	6.02E-01	1.89E+00	U
WG	W-8	388905003	1/5/2016	Nb-95	8.60E-01	5.26E-01	2.15E+00	U
WG	W-8	388905003	1/5/2016	Ru-103	3.35E-01	7.03E-01	2.32E+00	U
WG	W-8	388905003	1/5/2016	Ru-106	-7.73E+00	7.10E+00	1.76E+01	U
WG	W-8	388905003	1/5/2016	Sb-124	3.91E-01	1.43E+00	4.70E+00	U
WG	W-8	388905003	1/5/2016	Sb-125	-2.84E+00	1.83E+00	5.42E+00	U
WG	W-8	388905003	1/5/2016	Se-75	1.51E+00	8.97E-01	2.84E+00	U
WG	W-8	388905003	1/5/2016	Th-228	-3.26E+00	2.11E+00	4.16E+00	U
WG	W-8	388905003	1/5/2016	Zn-65	1.98E+00	8.82E-01	3.78E+00	U
WG	W-8	388905003	1/5/2016	Zr-95	-6.84E-02	1.16E+00	3.73E+00	U
WG	W-9	388905004	1/6/2016	Ac-228	8.29E+00	2.98E+00	7.15E+00	UI
WG	W-9	388905004	1/6/2016	Ag-108m	-3.76E-01	4.71E-01	1.47E+00	U
WG	W-9	388905004	1/6/2016	Ag-110m	-7.82E-01	5.05E-01	1.49E+00	U
WG	W-9	388905004	1/6/2016	Ba-140	-3.81E+00	2.92E+00	8.51E+00	U
WG	W-9	388905004	1/6/2016	Be-7	-3.07E-01	4.38E+00	1.41E+01	U
WG	W-9	388905004	1/6/2016	Ce-141	-2.72E+00	1.51E+00	3.18E+00	U
WG	W-9	388905004	1/6/2016	Ce-144	3.30E+00	3.83E+00	1.23E+01	U
WG	W-9	388905004	1/6/2016	Co-57	5.38E-01	5.09E-01	1.63E+00	U
WG	W-9	388905004	1/6/2016	Co-58	1.47E-01	4.93E-01	1.60E+00	U
WG	W-9	388905004	1/6/2016	Co-60	1.43E-01	5.05E-01	1.70E+00	U
WG	W-9	388905004	1/6/2016	Cr-51	3.30E+00	5.27E+00	1.75E+01	U
WG	W-9	388905004	1/6/2016	Cs-134	7.05E-03	6.42E-01	1.84E+00	U
WG	W-9	388905004	1/6/2016	Cs-137	3.52E-01	5.05E-01	1.71E+00	U
WG	W-9	388905004	1/6/2016	Fe-59	1.43E+00	1.26E+00	3.61E+00	U
WG	W-9	388905004	1/6/2016	H-3	1.63E+02	4.69E+02	1.52E+03	U
WG	W-9	388905004	1/6/2016	I-131	2.24E-01	1.10E+00	3.20E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-9	388905004	1/6/2016	K-40	9.78E-01	1.05E+01	2.54E+01	U
WG	W-9	388905004	1/6/2016	La-140	1.60E+00	9.96E-01	3.28E+00	U
WG	W-9	388905004	1/6/2016	Mn-54	-9.95E-01	5.61E-01	1.56E+00	U
WG	W-9	388905004	1/6/2016	Nb-95	7.80E-01	5.99E-01	1.75E+00	U
WG	W-9	388905004	1/6/2016	Ru-103	4.36E-02	6.39E-01	1.80E+00	U
WG	W-9	388905004	1/6/2016	Ru-106	4.42E+00	5.26E+00	1.56E+01	U
WG	W-9	388905004	1/6/2016	Sb-124	-2.61E+00	1.72E+00	3.88E+00	U
WG	W-9	388905004	1/6/2016	Sb-125	1.42E+00	1.47E+00	4.79E+00	U
WG	W-9	388905004	1/6/2016	Se-75	-2.79E-01	7.26E-01	2.40E+00	U
WG	W-9	388905004	1/6/2016	Th-228	-2.84E+00	1.74E+00	3.75E+00	U
WG	W-9	388905004	1/6/2016	Zn-65	-1.21E+00	1.39E+00	3.56E+00	U
WG	W-9	388905004	1/6/2016	Zr-95	3.96E-01	9.23E-01	3.09E+00	U
WG	W-15	388905005	1/7/2016	Ac-228	-3.53E+00	3.70E+00	7.62E+00	U
WG	W-15	388905005	1/7/2016	Ag-108m	-6.29E-01	5.07E-01	1.53E+00	U
WG	W-15	388905005	1/7/2016	Ag-110m	8.98E-01	5.48E-01	1.65E+00	U
WG	W-15	388905005	1/7/2016	Ba-140	-1.77E+00	2.71E+00	8.40E+00	U
WG	W-15	388905005	1/7/2016	Be-7	-3.87E+00	4.76E+00	1.48E+01	U
WG	W-15	388905005	1/7/2016	Ce-141	1.30E-02	1.66E+00	2.98E+00	U
WG	W-15	388905005	1/7/2016	Ce-144	-1.27E+00	3.86E+00	1.25E+01	U
WG	W-15	388905005	1/7/2016	Co-57	-2.09E-01	4.90E-01	1.58E+00	U
WG	W-15	388905005	1/7/2016	Co-58	-4.53E-01	5.04E-01	1.56E+00	U
WG	W-15	388905005	1/7/2016	Co-60	2.32E-01	5.41E-01	1.81E+00	U
WG	W-15	388905005	1/7/2016	Cr-51	-8.49E+00	7.74E+00	1.72E+01	U
WG	W-15	388905005	1/7/2016	Cs-134	4.08E-01	5.36E-01	1.78E+00	U
WG	W-15	388905005	1/7/2016	Cs-137	-2.96E-01	5.85E-01	1.73E+00	U
WG	W-15	388905005	1/7/2016	Fe-59	-3.15E-01	1.15E+00	3.27E+00	U
WG	W-15	388905005	1/7/2016	H-3	-5.26E+02	4.31E+02	1.50E+03	U
WG	W-15	388905005	1/7/2016	I-131	-7.43E-01	9.39E-01	2.98E+00	U
WG	W-15	388905005	1/7/2016	K-40	4.57E+00	1.11E+01	1.81E+01	U
WG	W-15	388905005	1/7/2016	La-140	5.50E-01	8.96E-01	2.96E+00	U
WG	W-15	388905005	1/7/2016	Mn-54	1.03E-01	5.76E-01	1.64E+00	U
WG	W-15	388905005	1/7/2016	Nb-95	8.97E-01	5.90E-01	1.90E+00	U
WG	W-15	388905005	1/7/2016	Ru-103	-6.70E-01	5.80E-01	1.74E+00	U
WG	W-15	388905005	1/7/2016	Ru-106	3.81E+00	4.81E+00	1.62E+01	U
WG	W-15	388905005	1/7/2016	Sb-124	-5.97E-01	1.19E+00	3.85E+00	U
WG	W-15	388905005	1/7/2016	Sb-125	6.65E-01	1.49E+00	4.87E+00	U
WG	W-15	388905005	1/7/2016	Se-75	1.78E+00	9.09E-01	2.47E+00	U
WG	W-15	388905005	1/7/2016	Th-228	2.48E+00	1.72E+00	3.33E+00	U
WG	W-15	388905005	1/7/2016	Zn-65	6.54E-01	1.28E+00	3.75E+00	U
WG	W-15	388905005	1/7/2016	Zr-95	-2.20E-01	8.80E-01	2.87E+00	U
WG	SG-1	388905006	1/6/2016	Ac-228	5.58E+00	2.62E+00	5.78E+00	U
WG	SG-1	388905006	1/6/2016	Ag-108m	-2.82E-01	4.62E-01	1.51E+00	U
WG	SG-1	388905006	1/6/2016	Ag-110m	-8.94E-02	4.84E-01	1.58E+00	U
WG	SG-1	388905006	1/6/2016	ALPHA	1.88E-01	1.22E+00	4.00E+00	U
WG	SG-1	388905006	1/6/2016	Ba-140	3.33E+00	2.72E+00	8.90E+00	U
WG	SG-1	388905006	1/6/2016	Be-7	2.27E+00	4.59E+00	1.53E+01	U
WG	SG-1	388905006	1/6/2016	BETA	5.39E+00	1.14E+00	3.03E+00	
WG	SG-1	388905006	1/6/2016	Ce-141	8.65E-02	1.09E+00	3.17E+00	U
WG	SG-1	388905006	1/6/2016	Ce-144	5.42E-01	3.86E+00	1.19E+01	U
WG	SG-1	388905006	1/6/2016	Co-57	-2.60E-01	4.49E-01	1.47E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-1	388905006	1/6/2016	Co-58	-6.96E-01	5.61E-01	1.67E+00	U
WG	SG-1	388905006	1/6/2016	Co-60	4.84E-01	5.48E-01	1.82E+00	U
WG	SG-1	388905006	1/6/2016	Cr-51	1.08E+00	5.28E+00	1.70E+01	U
WG	SG-1	388905006	1/6/2016	Cs-134	-3.92E-01	7.31E-01	1.69E+00	U
WG	SG-1	388905006	1/6/2016	Cs-137	-2.53E-01	5.36E-01	1.72E+00	U
WG	SG-1	388905006	1/6/2016	Fe-59	-1.03E+00	1.06E+00	3.32E+00	U
WG	SG-1	388905006	1/6/2016	H-3	-2.43E+02	4.53E+02	1.53E+03	U
WG	SG-1	388905006	1/6/2016	I-131	6.35E-01	9.56E-01	3.23E+00	U
WG	SG-1	388905006	1/6/2016	K-40	7.44E+00	9.77E+00	1.46E+01	U
WG	SG-1	388905006	1/6/2016	La-140	8.55E-03	9.81E-01	2.73E+00	U
WG	SG-1	388905006	1/6/2016	Mn-54	-1.21E-01	5.10E-01	1.63E+00	U
WG	SG-1	388905006	1/6/2016	Nb-95	1.03E+00	5.72E-01	1.78E+00	U
WG	SG-1	388905006	1/6/2016	Ru-103	-5.43E-01	5.78E-01	1.83E+00	U
WG	SG-1	388905006	1/6/2016	Ru-106	5.97E+00	4.69E+00	1.52E+01	U
WG	SG-1	388905006	1/6/2016	Sb-124	6.20E-01	1.21E+00	3.98E+00	U
WG	SG-1	388905006	1/6/2016	Sb-125	2.05E+00	1.44E+00	4.70E+00	U
WG	SG-1	388905006	1/6/2016	Se-75	-2.73E-01	7.67E-01	2.46E+00	U
WG	SG-1	388905006	1/6/2016	Th-228	1.25E+00	1.66E+00	3.05E+00	U
WG	SG-1	388905006	1/6/2016	Zn-65	-1.91E+00	1.47E+00	3.13E+00	U
WG	SG-1	388905006	1/6/2016	Zr-95	1.04E+00	1.03E+00	3.15E+00	U
WG	SG-2	388905007	1/6/2016	Ac-228	-3.84E+00	3.56E+00	7.23E+00	U
WG	SG-2	388905007	1/6/2016	Ag-108m	-9.47E-02	4.45E-01	1.46E+00	U
WG	SG-2	388905007	1/6/2016	Ag-110m	-8.19E-02	5.52E-01	1.54E+00	U
WG	SG-2	388905007	1/6/2016	ALPHA	-7.99E-01	1.18E+00	4.00E+00	U
WG	SG-2	388905007	1/6/2016	Ba-140	2.89E+00	2.65E+00	8.61E+00	U
WG	SG-2	388905007	1/6/2016	Be-7	-2.12E+00	4.58E+00	1.48E+01	U
WG	SG-2	388905007	1/6/2016	BETA	5.46E+00	1.21E+00	3.39E+00	
WG	SG-2	388905007	1/6/2016	Ce-141	8.74E-01	1.70E+00	3.03E+00	U
WG	SG-2	388905007	1/6/2016	Ce-144	3.44E+00	3.89E+00	1.20E+01	U
WG	SG-2	388905007	1/6/2016	Co-57	-3.86E-01	4.88E-01	1.55E+00	U
WG	SG-2	388905007	1/6/2016	Co-58	-1.03E+00	5.33E-01	1.49E+00	U
WG	SG-2	388905007	1/6/2016	Co-60	3.13E-01	5.07E-01	1.68E+00	U
WG	SG-2	388905007	1/6/2016	Cr-51	7.26E-01	4.98E+00	1.67E+01	U
WG	SG-2	388905007	1/6/2016	Cs-134	-2.71E-01	5.13E-01	1.69E+00	U
WG	SG-2	388905007	1/6/2016	Cs-137	-5.17E-01	8.48E-01	1.75E+00	U
WG	SG-2	388905007	1/6/2016	Fe-59	-1.44E+00	1.10E+00	3.27E+00	U
WG	SG-2	388905007	1/6/2016	H-3	2.53E+01	4.54E+02	1.49E+03	U
WG	SG-2	388905007	1/6/2016	I-131	-4.85E-01	9.75E-01	3.20E+00	U
WG	SG-2	388905007	1/6/2016	K-40	3.70E+00	1.07E+01	1.53E+01	U
WG	SG-2	388905007	1/6/2016	La-140	-7.00E-01	7.79E-01	2.45E+00	U
WG	SG-2	388905007	1/6/2016	Mn-54	3.14E-01	4.77E-01	1.61E+00	U
WG	SG-2	388905007	1/6/2016	Nb-95	-4.47E-01	5.33E-01	1.72E+00	U
WG	SG-2	388905007	1/6/2016	Ru-103	4.65E-01	8.06E-01	1.77E+00	U
WG	SG-2	388905007	1/6/2016	Ru-106	9.85E+00	4.98E+00	1.52E+01	U
WG	SG-2	388905007	1/6/2016	Sb-124	7.14E-01	1.05E+00	3.57E+00	U
WG	SG-2	388905007	1/6/2016	Sb-125	1.29E+00	1.42E+00	4.70E+00	U
WG	SG-2	388905007	1/6/2016	Se-75	-7.42E-01	8.22E-01	2.35E+00	U
WG	SG-2	388905007	1/6/2016	Th-228	-2.40E+00	1.58E+00	3.56E+00	U
WG	SG-2	388905007	1/6/2016	Zn-65	9.04E-01	1.14E+00	3.32E+00	U
WG	SG-2	388905007	1/6/2016	Zr-95	2.04E-01	8.55E-01	2.90E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-4	388905008	1/6/2016	Ac-228	-5.86E+00	2.88E+00	6.32E+00	U
WG	SG-4	388905008	1/6/2016	Ag-108m	5.97E-01	4.41E-01	1.42E+00	U
WG	SG-4	388905008	1/6/2016	Ag-110m	-1.16E+00	5.04E-01	1.32E+00	U
WG	SG-4	388905008	1/6/2016	ALPHA	-2.58E+00	1.11E+00	4.00E+00	U
WG	SG-4	388905008	1/6/2016	Ba-140	1.58E+00	2.42E+00	7.90E+00	U
WG	SG-4	388905008	1/6/2016	Be-7	-2.24E+00	4.17E+00	1.33E+01	U
WG	SG-4	388905008	1/6/2016	BETA	1.12E+01	1.28E+00	2.16E+00	
WG	SG-4	388905008	1/6/2016	Ce-141	1.62E+00	1.10E+00	3.04E+00	U
WG	SG-4	388905008	1/6/2016	Ce-144	3.34E+00	3.48E+00	1.11E+01	U
WG	SG-4	388905008	1/6/2016	Co-57	-4.64E-01	4.54E-01	1.40E+00	U
WG	SG-4	388905008	1/6/2016	Co-58	5.99E-01	5.11E-01	1.51E+00	U
WG	SG-4	388905008	1/6/2016	Co-60	2.02E-01	5.12E-01	1.67E+00	U
WG	SG-4	388905008	1/6/2016	Cr-51	-8.89E+00	5.42E+00	1.55E+01	U
WG	SG-4	388905008	1/6/2016	Cs-134	1.24E+00	5.82E-01	1.81E+00	U
WG	SG-4	388905008	1/6/2016	Cs-137	3.68E-01	4.81E-01	1.64E+00	U
WG	SG-4	388905008	1/6/2016	Fe-59	-8.56E-01	9.97E-01	3.07E+00	U
WG	SG-4	388905008	1/6/2016	H-3	-2.82E+00	4.61E+02	1.52E+03	U
WG	SG-4	388905008	1/6/2016	I-131	8.25E-01	1.03E+00	3.00E+00	U
WG	SG-4	388905008	1/6/2016	K-40	3.20E+00	1.15E+01	1.66E+01	U
WG	SG-4	388905008	1/6/2016	La-140	-7.30E-01	8.02E-01	2.49E+00	U
WG	SG-4	388905008	1/6/2016	Mn-54	-5.92E-01	4.82E-01	1.47E+00	U
WG	SG-4	388905008	1/6/2016	Nb-95	3.53E-01	7.03E-01	1.53E+00	U
WG	SG-4	388905008	1/6/2016	Ru-103	-3.01E-01	5.95E-01	1.65E+00	U
WG	SG-4	388905008	1/6/2016	Ru-106	1.89E+00	4.36E+00	1.41E+01	U
WG	SG-4	388905008	1/6/2016	Sb-124	5.26E-01	1.09E+00	3.67E+00	U
WG	SG-4	388905008	1/6/2016	Sb-125	-8.89E-02	1.31E+00	4.29E+00	U
WG	SG-4	388905008	1/6/2016	Se-75	6.18E-01	6.63E-01	2.21E+00	U
WG	SG-4	388905008	1/6/2016	Th-228	4.91E+00	1.59E+00	2.90E+00	
WG	SG-4	388905008	1/6/2016	Zn-65	-3.62E-01	1.11E+00	3.05E+00	U
WG	SG-4	388905008	1/6/2016	Zr-95	6.56E-01	8.17E-01	2.76E+00	U
WG	SG-5	388905009	1/6/2016	Ac-228	-4.30E+00	3.58E+00	7.54E+00	U
WG	SG-5	388905009	1/6/2016	Ag-108m	4.16E-01	5.23E-01	1.68E+00	U
WG	SG-5	388905009	1/6/2016	Ag-110m	-4.75E-03	5.08E-01	1.68E+00	U
WG	SG-5	388905009	1/6/2016	ALPHA	-3.14E+00	1.11E+00	4.00E+00	U
WG	SG-5	388905009	1/6/2016	Ba-140	-3.14E+00	2.91E+00	9.15E+00	U
WG	SG-5	388905009	1/6/2016	Be-7	-7.63E+00	5.07E+00	1.54E+01	U
WG	SG-5	388905009	1/6/2016	BETA	6.01E+00	9.29E-01	2.19E+00	
WG	SG-5	388905009	1/6/2016	Ce-141	-8.31E-01	1.56E+00	3.79E+00	U
WG	SG-5	388905009	1/6/2016	Ce-144	1.77E+00	4.15E+00	1.40E+01	U
WG	SG-5	388905009	1/6/2016	Co-57	2.03E-01	6.80E-01	1.86E+00	U
WG	SG-5	388905009	1/6/2016	Co-58	-3.19E-01	5.26E-01	1.67E+00	U
WG	SG-5	388905009	1/6/2016	Co-60	-3.70E-02	5.50E-01	1.82E+00	U
WG	SG-5	388905009	1/6/2016	Cr-51	-1.05E+01	6.93E+00	1.75E+01	U
WG	SG-5	388905009	1/6/2016	Cs-134	5.14E-01	5.72E-01	1.89E+00	U
WG	SG-5	388905009	1/6/2016	Cs-137	2.19E-01	5.95E-01	1.99E+00	U
WG	SG-5	388905009	1/6/2016	Fe-59	-3.79E-01	1.20E+00	3.42E+00	U
WG	SG-5	388905009	1/6/2016	H-3	-8.09E+02	4.23E+02	1.51E+03	U
WG	SG-5	388905009	1/6/2016	I-131	-1.06E+00	1.14E+00	3.50E+00	U
WG	SG-5	388905009	1/6/2016	K-40	3.12E+01	1.20E+01	1.58E+01	
WG	SG-5	388905009	1/6/2016	La-140	7.04E-02	9.67E-01	3.19E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-5	388905009	1/6/2016	Mn-54	8.15E-01	5.77E-01	1.87E+00	U
WG	SG-5	388905009	1/6/2016	Nb-95	7.51E-01	6.20E-01	2.02E+00	U
WG	SG-5	388905009	1/6/2016	Ru-103	1.06E+00	6.81E-01	1.97E+00	U
WG	SG-5	388905009	1/6/2016	Ru-106	-9.86E-01	4.53E+00	1.49E+01	U
WG	SG-5	388905009	1/6/2016	Sb-124	-1.09E+00	1.41E+00	4.34E+00	U
WG	SG-5	388905009	1/6/2016	Sb-125	-1.41E+00	1.64E+00	5.04E+00	U
WG	SG-5	388905009	1/6/2016	Se-75	6.93E-01	8.48E-01	2.77E+00	U
WG	SG-5	388905009	1/6/2016	Th-228	1.37E+00	2.32E+00	3.70E+00	U
WG	SG-5	388905009	1/6/2016	Zn-65	1.05E+00	1.25E+00	3.72E+00	U
WG	SG-5	388905009	1/6/2016	Zr-95	6.29E-01	9.39E-01	3.12E+00	U
WG	W-10	389058003	1/7/2016	Ac-228	2.38E+00	5.83E+00	8.55E+00	U
WG	W-10	389058003	1/7/2016	Ag-108m	-5.21E-01	5.65E-01	1.81E+00	U
WG	W-10	389058003	1/7/2016	Ag-110m	-2.08E-01	6.72E-01	1.86E+00	U
WG	W-10	389058003	1/7/2016	Ba-140	-1.94E+00	3.11E+00	9.99E+00	U
WG	W-10	389058003	1/7/2016	Be-7	-6.51E-01	5.44E+00	1.81E+01	U
WG	W-10	389058003	1/7/2016	Ce-141	2.02E+00	1.36E+00	3.91E+00	U
WG	W-10	389058003	1/7/2016	Ce-144	-2.51E+00	4.42E+00	1.42E+01	U
WG	W-10	389058003	1/7/2016	Co-57	9.29E-02	5.48E-01	1.86E+00	U
WG	W-10	389058003	1/7/2016	Co-58	1.44E+00	7.11E-01	2.02E+00	U
WG	W-10	389058003	1/7/2016	Co-60	7.36E-01	6.25E-01	2.12E+00	U
WG	W-10	389058003	1/7/2016	Cr-51	-8.29E+00	6.62E+00	1.99E+01	U
WG	W-10	389058003	1/7/2016	Cs-134	1.74E-01	7.09E-01	2.23E+00	U
WG	W-10	389058003	1/7/2016	Cs-137	5.96E-01	6.94E-01	2.08E+00	U
WG	W-10	389058003	1/7/2016	Fe-59	-2.29E+00	1.46E+00	4.12E+00	U
WG	W-10	389058003	1/7/2016	H-3	-8.10E+02	4.26E+02	1.52E+03	U
WG	W-10	389058003	1/7/2016	I-131	1.78E-01	1.09E+00	3.50E+00	U
WG	W-10	389058003	1/7/2016	K-40	3.63E+00	1.60E+01	2.04E+01	U
WG	W-10	389058003	1/7/2016	La-140	6.67E-01	1.01E+00	3.41E+00	U
WG	W-10	389058003	1/7/2016	Mn-54	-1.49E+00	7.14E-01	1.93E+00	U
WG	W-10	389058003	1/7/2016	Nb-95	1.20E+00	6.78E-01	2.12E+00	U
WG	W-10	389058003	1/7/2016	Ru-103	-5.98E-01	6.87E-01	2.18E+00	U
WG	W-10	389058003	1/7/2016	Ru-106	7.79E+00	6.06E+00	1.73E+01	U
WG	W-10	389058003	1/7/2016	Sb-124	6.23E+00	4.04E+00	5.59E+00	UI
WG	W-10	389058003	1/7/2016	Sb-125	1.57E+00	1.73E+00	5.77E+00	U
WG	W-10	389058003	1/7/2016	Se-75	-1.55E+00	9.41E-01	2.73E+00	U
WG	W-10	389058003	1/7/2016	Th-228	5.17E+00	2.26E+00	3.76E+00	
WG	W-10	389058003	1/7/2016	Zn-65	-1.41E+00	1.51E+00	3.87E+00	U
WG	W-10	389058003	1/7/2016	Zr-95	1.60E+00	1.19E+00	3.80E+00	U
WG	W-11	389058004	1/7/2016	Ac-228	7.18E+00	3.10E+00	6.91E+00	UI
WG	W-11	389058004	1/7/2016	Ag-108m	2.46E-01	4.35E-01	1.46E+00	U
WG	W-11	389058004	1/7/2016	Ag-110m	8.92E-01	5.37E-01	1.69E+00	U
WG	W-11	389058004	1/7/2016	Ba-140	-1.67E-01	2.49E+00	8.13E+00	U
WG	W-11	389058004	1/7/2016	Be-7	7.94E+00	4.58E+00	1.46E+01	U
WG	W-11	389058004	1/7/2016	Ce-141	-1.30E-01	9.51E-01	2.84E+00	U
WG	W-11	389058004	1/7/2016	Ce-144	6.79E-01	3.29E+00	1.11E+01	U
WG	W-11	389058004	1/7/2016	Co-57	1.58E-02	4.44E-01	1.50E+00	U
WG	W-11	389058004	1/7/2016	Co-58	6.58E-02	4.77E-01	1.60E+00	U
WG	W-11	389058004	1/7/2016	Co-60	-9.08E-03	5.33E-01	1.78E+00	U
WG	W-11	389058004	1/7/2016	Cr-51	-8.52E+00	5.20E+00	1.57E+01	U
WG	W-11	389058004	1/7/2016	Cs-134	-1.47E-01	5.62E-01	1.86E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-11	389058004	1/7/2016	Cs-137	-1.11E-02	5.51E-01	1.77E+00	U
WG	W-11	389058004	1/7/2016	Fe-59	-8.84E-01	1.31E+00	3.51E+00	U
WG	W-11	389058004	1/7/2016	H-3	-5.26E+02	4.31E+02	1.50E+03	U
WG	W-11	389058004	1/7/2016	I-131	-2.29E+00	1.21E+00	2.90E+00	U
WG	W-11	389058004	1/7/2016	K-40	1.01E+01	1.12E+01	1.42E+01	U
WG	W-11	389058004	1/7/2016	La-140	1.57E+00	9.75E-01	3.22E+00	U
WG	W-11	389058004	1/7/2016	Mn-54	-8.27E-01	5.15E-01	1.49E+00	U
WG	W-11	389058004	1/7/2016	Nb-95	1.22E+00	5.91E-01	1.86E+00	U
WG	W-11	389058004	1/7/2016	Ru-103	9.52E-01	5.07E-01	1.53E+00	U
WG	W-11	389058004	1/7/2016	Ru-106	5.23E+00	4.61E+00	1.49E+01	U
WG	W-11	389058004	1/7/2016	Sb-124	-2.79E+00	1.43E+00	3.62E+00	U
WG	W-11	389058004	1/7/2016	Sb-125	1.95E+00	1.37E+00	4.47E+00	U
WG	W-11	389058004	1/7/2016	Se-75	-1.48E-01	6.97E-01	2.22E+00	U
WG	W-11	389058004	1/7/2016	Th-228	2.34E+00	1.62E+00	3.25E+00	U
WG	W-11	389058004	1/7/2016	Zn-65	4.02E-01	1.22E+00	3.49E+00	U
WG	W-11	389058004	1/7/2016	Zr-95	-1.48E-01	8.66E-01	2.90E+00	U
WG	W-12	389058005	1/7/2016	Ac-228	-3.72E+00	3.64E+00	8.09E+00	U
WG	W-12	389058005	1/7/2016	Ag-108m	3.14E-01	5.58E-01	1.85E+00	U
WG	W-12	389058005	1/7/2016	Ag-110m	-3.23E-03	8.73E-01	1.93E+00	U
WG	W-12	389058005	1/7/2016	Ba-140	4.77E-01	3.09E+00	1.01E+01	U
WG	W-12	389058005	1/7/2016	Be-7	-5.23E-01	5.57E+00	1.83E+01	U
WG	W-12	389058005	1/7/2016	Ce-141	1.30E+00	1.30E+00	3.83E+00	U
WG	W-12	389058005	1/7/2016	Ce-144	9.26E+00	4.40E+00	1.48E+01	U
WG	W-12	389058005	1/7/2016	Co-57	-3.74E-01	6.05E-01	1.91E+00	U
WG	W-12	389058005	1/7/2016	Co-58	-7.25E-01	6.52E-01	1.95E+00	U
WG	W-12	389058005	1/7/2016	Co-60	-5.26E-01	6.60E-01	2.07E+00	U
WG	W-12	389058005	1/7/2016	Cr-51	1.30E+01	6.74E+00	2.08E+01	U
WG	W-12	389058005	1/7/2016	Cs-134	-7.66E-02	6.54E-01	2.10E+00	U
WG	W-12	389058005	1/7/2016	Cs-137	-1.28E+00	9.10E-01	2.04E+00	U
WG	W-12	389058005	1/7/2016	Fe-59	-7.97E-01	1.22E+00	3.89E+00	U
WG	W-12	389058005	1/7/2016	H-3	4.94E+02	4.74E+02	1.48E+03	U
WG	W-12	389058005	1/7/2016	I-131	5.04E-01	1.14E+00	3.80E+00	U
WG	W-12	389058005	1/7/2016	K-40	1.25E+01	1.33E+01	1.98E+01	U
WG	W-12	389058005	1/7/2016	La-140	2.42E-01	1.01E+00	3.33E+00	U
WG	W-12	389058005	1/7/2016	Mn-54	-7.24E-01	5.89E-01	1.82E+00	U
WG	W-12	389058005	1/7/2016	Nb-95	5.89E-01	9.20E-01	2.06E+00	U
WG	W-12	389058005	1/7/2016	Ru-103	7.86E-01	6.98E-01	2.27E+00	U
WG	W-12	389058005	1/7/2016	Ru-106	-1.35E-01	6.76E+00	1.80E+01	U
WG	W-12	389058005	1/7/2016	Sb-124	2.71E-01	1.53E+00	5.02E+00	U
WG	W-12	389058005	1/7/2016	Sb-125	-2.38E+00	1.80E+00	5.46E+00	U
WG	W-12	389058005	1/7/2016	Se-75	1.35E+00	8.87E-01	2.85E+00	U
WG	W-12	389058005	1/7/2016	Th-228	-1.96E+00	2.03E+00	4.29E+00	U
WG	W-12	389058005	1/7/2016	Zn-65	1.25E+00	1.54E+00	4.49E+00	U
WG	W-12	389058005	1/7/2016	Zr-95	2.73E+00	2.15E+00	3.65E+00	U
WG	MW-20	389058008	1/7/2016	Ac-228	2.58E+00	4.15E+00	6.38E+00	U
WG	MW-20	389058008	1/7/2016	Ag-108m	2.28E-01	4.68E-01	1.51E+00	U
WG	MW-20	389058008	1/7/2016	Ag-110m	-2.73E+00	8.34E-01	1.53E+00	U
WG	MW-20	389058008	1/7/2016	Ba-140	-4.19E-01	2.62E+00	8.73E+00	U
WG	MW-20	389058008	1/7/2016	Be-7	-3.63E+00	4.47E+00	1.45E+01	U
WG	MW-20	389058008	1/7/2016	Ce-141	1.86E+00	1.08E+00	3.33E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	MW-20	389058008	1/7/2016	Ce-144	-1.54E+00	3.49E+00	1.17E+01	U
WG	MW-20	389058008	1/7/2016	Co-57	7.78E-01	5.20E-01	1.59E+00	U
WG	MW-20	389058008	1/7/2016	Co-58	-6.21E-01	6.95E-01	1.49E+00	U
WG	MW-20	389058008	1/7/2016	Co-60	-7.73E-01	6.88E-01	1.74E+00	U
WG	MW-20	389058008	1/7/2016	Cr-51	-3.86E+00	5.11E+00	1.62E+01	U
WG	MW-20	389058008	1/7/2016	Cs-134	4.55E-01	5.32E-01	1.75E+00	U
WG	MW-20	389058008	1/7/2016	Cs-137	-1.07E+00	9.48E-01	2.18E+00	U
WG	MW-20	389058008	1/7/2016	Fe-59	-1.37E+00	1.04E+00	3.13E+00	U
WG	MW-20	389058008	1/7/2016	H-3	3.31E+02	4.79E+02	1.52E+03	U
WG	MW-20	389058008	1/7/2016	I-131	-5.89E-01	9.29E-01	2.93E+00	U
WG	MW-20	389058008	1/7/2016	K-40	-6.67E+00	1.33E+01	2.27E+01	U
WG	MW-20	389058008	1/7/2016	La-140	1.82E+00	1.25E+00	3.14E+00	U
WG	MW-20	389058008	1/7/2016	Mn-54	3.94E-01	4.94E-01	1.62E+00	U
WG	MW-20	389058008	1/7/2016	Nb-95	-1.11E-01	6.57E-01	1.75E+00	U
WG	MW-20	389058008	1/7/2016	Ru-103	-8.71E-01	8.25E-01	1.80E+00	U
WG	MW-20	389058008	1/7/2016	Ru-106	4.61E+00	4.59E+00	1.52E+01	U
WG	MW-20	389058008	1/7/2016	Sb-124	1.19E+00	1.25E+00	4.26E+00	U
WG	MW-20	389058008	1/7/2016	Sb-125	1.26E+00	1.51E+00	4.84E+00	U
WG	MW-20	389058008	1/7/2016	Se-75	-1.80E-02	8.25E-01	2.38E+00	U
WG	MW-20	389058008	1/7/2016	Th-228	2.47E+00	1.85E+00	3.23E+00	U
WG	MW-20	389058008	1/7/2016	Zn-65	9.85E-01	1.12E+00	3.29E+00	U
WG	MW-20	389058008	1/7/2016	Zr-95	5.48E-01	8.28E-01	2.74E+00	U
WG	MW-21	389058009	1/7/2016	Ac-228	2.73E+00	4.39E+00	7.10E+00	U
WG	MW-21	389058009	1/7/2016	Ag-108m	4.74E-01	4.73E-01	1.55E+00	U
WG	MW-21	389058009	1/7/2016	Ag-110m	-3.85E-01	5.08E-01	1.58E+00	U
WG	MW-21	389058009	1/7/2016	Ba-140	-2.18E+00	2.49E+00	7.75E+00	U
WG	MW-21	389058009	1/7/2016	Be-7	2.93E+00	4.61E+00	1.52E+01	U
WG	MW-21	389058009	1/7/2016	Ce-141	2.40E+00	1.23E+00	3.30E+00	U
WG	MW-21	389058009	1/7/2016	Ce-144	-4.26E+00	3.84E+00	1.19E+01	U
WG	MW-21	389058009	1/7/2016	Co-57	2.83E-01	4.95E-01	1.61E+00	U
WG	MW-21	389058009	1/7/2016	Co-58	-7.84E-01	5.06E-01	1.51E+00	U
WG	MW-21	389058009	1/7/2016	Co-60	7.14E-02	5.49E-01	1.79E+00	U
WG	MW-21	389058009	1/7/2016	Cr-51	-1.38E+00	5.00E+00	1.67E+01	U
WG	MW-21	389058009	1/7/2016	Cs-134	1.36E+00	7.36E-01	1.80E+00	U
WG	MW-21	389058009	1/7/2016	Cs-137	-5.81E-01	8.31E-01	1.78E+00	U
WG	MW-21	389058009	1/7/2016	Fe-59	-5.90E-01	9.40E-01	2.99E+00	U
WG	MW-21	389058009	1/7/2016	H-3	-1.21E+02	4.58E+02	1.53E+03	U
WG	MW-21	389058009	1/7/2016	I-131	1.08E+00	9.31E-01	3.06E+00	U
WG	MW-21	389058009	1/7/2016	K-40	-9.25E+00	9.15E+00	2.40E+01	U
WG	MW-21	389058009	1/7/2016	La-140	-2.73E-01	7.67E-01	2.52E+00	U
WG	MW-21	389058009	1/7/2016	Mn-54	-8.00E-02	4.69E-01	1.56E+00	U
WG	MW-21	389058009	1/7/2016	Nb-95	3.35E-01	5.83E-01	1.74E+00	U
WG	MW-21	389058009	1/7/2016	Ru-103	-2.15E-01	5.54E-01	1.80E+00	U
WG	MW-21	389058009	1/7/2016	Ru-106	-2.94E+00	4.66E+00	1.47E+01	U
WG	MW-21	389058009	1/7/2016	Sb-124	1.99E+00	1.30E+00	3.91E+00	U
WG	MW-21	389058009	1/7/2016	Sb-125	2.19E+00	1.47E+00	4.71E+00	U
WG	MW-21	389058009	1/7/2016	Se-75	-6.87E-01	7.12E-01	2.31E+00	U
WG	MW-21	389058009	1/7/2016	Th-228	2.08E+00	1.62E+00	2.99E+00	U
WG	MW-21	389058009	1/7/2016	Zn-65	5.64E-01	1.09E+00	3.18E+00	U
WG	MW-21	389058009	1/7/2016	Zr-95	-9.81E-01	9.10E-01	2.70E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-1	389058001	1/8/2016	Ac-228	9.49E+00	3.32E+00	7.96E+00	UI
WG	W-1	389058001	1/8/2016	Ag-108m	-2.81E-01	5.70E-01	1.80E+00	U
WG	W-1	389058001	1/8/2016	Ag-110m	-7.31E-01	9.46E-01	1.84E+00	U
WG	W-1	389058001	1/8/2016	Ba-140	-1.50E-01	2.53E+00	8.48E+00	U
WG	W-1	389058001	1/8/2016	Be-7	8.53E+00	5.78E+00	1.81E+01	U
WG	W-1	389058001	1/8/2016	Ce-141	4.67E-01	1.15E+00	3.51E+00	U
WG	W-1	389058001	1/8/2016	Ce-144	-3.22E-01	4.20E+00	1.35E+01	U
WG	W-1	389058001	1/8/2016	Co-57	1.42E+00	6.41E-01	1.85E+00	U
WG	W-1	389058001	1/8/2016	Co-58	-1.18E-01	6.10E-01	1.97E+00	U
WG	W-1	389058001	1/8/2016	Co-60	4.75E-02	7.58E-01	2.14E+00	U
WG	W-1	389058001	1/8/2016	Cr-51	2.87E-01	5.46E+00	1.80E+01	U
WG	W-1	389058001	1/8/2016	Cs-134	3.92E-01	6.52E-01	2.16E+00	U
WG	W-1	389058001	1/8/2016	Cs-137	-6.60E-02	6.30E-01	2.08E+00	U
WG	W-1	389058001	1/8/2016	Fe-59	-2.39E-01	1.27E+00	4.20E+00	U
WG	W-1	389058001	1/8/2016	H-3	-1.37E+02	4.45E+02	1.48E+03	U
WG	W-1	389058001	1/8/2016	I-131	1.18E+00	9.89E-01	3.19E+00	U
WG	W-1	389058001	1/8/2016	K-40	2.27E+00	1.41E+01	1.92E+01	U
WG	W-1	389058001	1/8/2016	La-140	-1.12E+00	1.04E+00	3.06E+00	U
WG	W-1	389058001	1/8/2016	Mn-54	6.10E-01	5.98E-01	1.96E+00	U
WG	W-1	389058001	1/8/2016	Nb-95	9.01E-01	6.55E-01	2.12E+00	U
WG	W-1	389058001	1/8/2016	Ru-103	2.77E-01	5.99E-01	2.04E+00	U
WG	W-1	389058001	1/8/2016	Ru-106	-2.50E+00	5.24E+00	1.71E+01	U
WG	W-1	389058001	1/8/2016	Sb-124	9.07E-01	1.51E+00	5.13E+00	U
WG	W-1	389058001	1/8/2016	Sb-125	-2.92E+00	1.77E+00	5.00E+00	U
WG	W-1	389058001	1/8/2016	Se-75	1.71E+00	8.99E-01	2.78E+00	U
WG	W-1	389058001	1/8/2016	Th-228	-1.20E+00	1.68E+00	4.23E+00	U
WG	W-1	389058001	1/8/2016	Zn-65	-3.94E-01	1.49E+00	4.19E+00	U
WG	W-1	389058001	1/8/2016	Zr-95	1.93E+00	1.10E+00	3.51E+00	U
WG	W-7	389058002	1/8/2016	Ac-228	-4.02E+00	3.54E+00	8.15E+00	U
WG	W-7	389058002	1/8/2016	Ag-108m	-4.55E-01	5.93E-01	1.61E+00	U
WG	W-7	389058002	1/8/2016	Ag-110m	-8.08E-01	5.97E-01	1.82E+00	U
WG	W-7	389058002	1/8/2016	Ba-140	-9.14E-01	2.84E+00	9.02E+00	U
WG	W-7	389058002	1/8/2016	Be-7	-1.48E+00	4.99E+00	1.60E+01	U
WG	W-7	389058002	1/8/2016	Ce-141	1.72E+00	1.53E+00	3.45E+00	U
WG	W-7	389058002	1/8/2016	Ce-144	5.62E+00	4.27E+00	1.34E+01	U
WG	W-7	389058002	1/8/2016	Co-57	-3.84E-01	5.43E-01	1.71E+00	U
WG	W-7	389058002	1/8/2016	Co-58	-7.74E-01	6.08E-01	1.83E+00	U
WG	W-7	389058002	1/8/2016	Co-60	1.75E-01	6.07E-01	2.05E+00	U
WG	W-7	389058002	1/8/2016	Cr-51	-3.56E+00	5.48E+00	1.77E+01	U
WG	W-7	389058002	1/8/2016	Cs-134	-7.57E-02	6.27E-01	1.79E+00	U
WG	W-7	389058002	1/8/2016	Cs-137	-2.77E-01	6.04E-01	1.99E+00	U
WG	W-7	389058002	1/8/2016	Fe-59	7.27E-01	1.18E+00	3.87E+00	U
WG	W-7	389058002	1/8/2016	H-3	1.20E+02	4.67E+02	1.52E+03	U
WG	W-7	389058002	1/8/2016	I-131	4.76E-01	1.03E+00	3.40E+00	U
WG	W-7	389058002	1/8/2016	K-40	-1.05E+01	9.16E+00	2.54E+01	U
WG	W-7	389058002	1/8/2016	La-140	-1.58E-01	1.06E+00	3.47E+00	U
WG	W-7	389058002	1/8/2016	Mn-54	-4.34E-01	5.82E-01	1.84E+00	U
WG	W-7	389058002	1/8/2016	Nb-95	7.94E-01	7.04E-01	2.06E+00	U
WG	W-7	389058002	1/8/2016	Ru-103	-8.35E-01	7.93E-01	2.08E+00	U
WG	W-7	389058002	1/8/2016	Ru-106	-3.42E+00	4.92E+00	1.60E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-7	389058002	1/8/2016	Sb-124	-2.12E+00	1.54E+00	4.36E+00	U
WG	W-7	389058002	1/8/2016	Sb-125	-8.24E-01	1.63E+00	5.22E+00	U
WG	W-7	389058002	1/8/2016	Se-75	4.78E-01	8.18E-01	2.75E+00	U
WG	W-7	389058002	1/8/2016	Th-228	2.57E+00	1.84E+00	4.26E+00	U
WG	W-7	389058002	1/8/2016	Zn-65	8.53E-01	1.45E+00	4.14E+00	U
WG	W-7	389058002	1/8/2016	Zr-95	7.54E-01	1.02E+00	3.42E+00	U
WG	W-13	389058006	1/8/2016	Ac-228	6.92E+00	2.94E+00	7.75E+00	U
WG	W-13	389058006	1/8/2016	Ag-108m	-2.00E-01	4.90E-01	1.57E+00	U
WG	W-13	389058006	1/8/2016	Ag-110m	-1.00E-01	4.75E-01	1.58E+00	U
WG	W-13	389058006	1/8/2016	Ba-140	-2.28E+00	2.68E+00	8.19E+00	U
WG	W-13	389058006	1/8/2016	Be-7	3.60E+00	4.58E+00	1.49E+01	U
WG	W-13	389058006	1/8/2016	Ce-141	-3.90E-01	1.38E+00	3.22E+00	U
WG	W-13	389058006	1/8/2016	Ce-144	-3.20E+00	3.89E+00	1.21E+01	U
WG	W-13	389058006	1/8/2016	Co-57	-5.99E-02	4.86E-01	1.57E+00	U
WG	W-13	389058006	1/8/2016	Co-58	-6.98E-02	5.25E-01	1.72E+00	U
WG	W-13	389058006	1/8/2016	Co-60	1.67E-01	5.58E-01	1.87E+00	U
WG	W-13	389058006	1/8/2016	Cr-51	9.12E+00	5.48E+00	1.69E+01	U
WG	W-13	389058006	1/8/2016	Cs-134	3.87E-01	6.06E-01	1.85E+00	U
WG	W-13	389058006	1/8/2016	Cs-137	-3.85E-01	5.27E-01	1.70E+00	U
WG	W-13	389058006	1/8/2016	Fe-59	3.73E-01	1.11E+00	3.61E+00	U
WG	W-13	389058006	1/8/2016	H-3	4.54E+02	4.86E+02	1.53E+03	U
WG	W-13	389058006	1/8/2016	I-131	-2.49E+00	1.19E+00	2.74E+00	U
WG	W-13	389058006	1/8/2016	K-40	8.27E+00	1.28E+01	2.00E+01	U
WG	W-13	389058006	1/8/2016	La-140	7.53E-01	8.53E-01	2.86E+00	U
WG	W-13	389058006	1/8/2016	Mn-54	-5.21E-01	5.46E-01	1.69E+00	U
WG	W-13	389058006	1/8/2016	Nb-95	-2.23E-01	5.26E-01	1.71E+00	U
WG	W-13	389058006	1/8/2016	Ru-103	-6.83E-01	6.33E-01	1.64E+00	U
WG	W-13	389058006	1/8/2016	Ru-106	-2.65E+00	4.38E+00	1.43E+01	U
WG	W-13	389058006	1/8/2016	Sb-124	1.36E-01	1.25E+00	4.11E+00	U
WG	W-13	389058006	1/8/2016	Sb-125	-2.14E+00	1.54E+00	4.56E+00	U
WG	W-13	389058006	1/8/2016	Se-75	3.94E-02	7.07E-01	2.37E+00	U
WG	W-13	389058006	1/8/2016	Th-228	4.74E-01	1.88E+00	3.22E+00	U
WG	W-13	389058006	1/8/2016	Zn-65	1.05E+00	1.42E+00	4.04E+00	U
WG	W-13	389058006	1/8/2016	Zr-95	2.71E+00	1.11E+00	3.33E+00	U
WG	W-14	389058007	1/8/2016	Ac-228	6.66E+00	3.89E+00	8.06E+00	U
WG	W-14	389058007	1/8/2016	Ag-108m	6.56E-02	5.32E-01	1.77E+00	U
WG	W-14	389058007	1/8/2016	Ag-110m	-2.80E-01	6.05E-01	1.91E+00	U
WG	W-14	389058007	1/8/2016	Ba-140	3.11E+00	3.03E+00	9.89E+00	U
WG	W-14	389058007	1/8/2016	Be-7	-4.65E+00	5.35E+00	1.70E+01	U
WG	W-14	389058007	1/8/2016	Ce-141	-3.03E+00	1.61E+00	3.27E+00	U
WG	W-14	389058007	1/8/2016	Ce-144	2.53E+00	3.54E+00	1.19E+01	U
WG	W-14	389058007	1/8/2016	Co-57	1.99E-02	4.68E-01	1.48E+00	U
WG	W-14	389058007	1/8/2016	Co-58	3.77E-01	6.92E-01	2.01E+00	U
WG	W-14	389058007	1/8/2016	Co-60	-3.45E-01	6.76E-01	2.17E+00	U
WG	W-14	389058007	1/8/2016	Cr-51	-5.41E+00	6.10E+00	1.81E+01	U
WG	W-14	389058007	1/8/2016	Cs-134	-1.78E+00	8.21E-01	2.04E+00	U
WG	W-14	389058007	1/8/2016	Cs-137	-1.27E+00	7.43E-01	2.07E+00	U
WG	W-14	389058007	1/8/2016	Fe-59	3.38E-01	1.38E+00	4.48E+00	U
WG	W-14	389058007	1/8/2016	H-3	-1.18E+02	4.60E+02	1.53E+03	U
WG	W-14	389058007	1/8/2016	I-131	1.69E-01	9.79E-01	3.31E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-14	389058007	1/8/2016	K-40	9.98E-01	1.30E+01	2.00E+01	U
WG	W-14	389058007	1/8/2016	La-140	-1.00E+00	1.46E+00	2.83E+00	U
WG	W-14	389058007	1/8/2016	Mn-54	-1.27E+00	6.88E-01	1.92E+00	U
WG	W-14	389058007	1/8/2016	Nb-95	8.93E-01	6.88E-01	2.26E+00	U
WG	W-14	389058007	1/8/2016	Ru-103	-9.83E-02	6.10E-01	2.00E+00	U
WG	W-14	389058007	1/8/2016	Ru-106	2.42E+00	5.86E+00	1.91E+01	U
WG	W-14	389058007	1/8/2016	Sb-124	-2.20E+00	1.60E+00	4.71E+00	U
WG	W-14	389058007	1/8/2016	Sb-125	-2.60E-02	1.67E+00	5.55E+00	U
WG	W-14	389058007	1/8/2016	Se-75	-8.36E-01	9.08E-01	2.62E+00	U
WG	W-14	389058007	1/8/2016	Th-228	2.09E+00	1.46E+00	3.46E+00	U
WG	W-14	389058007	1/8/2016	Zn-65	2.75E+00	2.42E+00	4.54E+00	U
WG	W-14	389058007	1/8/2016	Zr-95	5.15E-01	1.08E+00	3.62E+00	U
WG	W-4	389593001	1/15/2016	Ac-228	7.40E-01	6.76E+00	2.26E+01	U
WG	W-4	389593001	1/15/2016	Ag-108m	-1.44E+00	1.59E+00	4.54E+00	U
WG	W-4	389593001	1/15/2016	Ag-110m	2.46E+00	2.67E+00	5.29E+00	U
WG	W-4	389593001	1/15/2016	Ba-140	6.44E+00	6.99E+00	2.46E+01	U
WG	W-4	389593001	1/15/2016	Be-7	-1.67E+01	1.49E+01	4.24E+01	U
WG	W-4	389593001	1/15/2016	Ce-141	-2.31E+00	3.11E+00	1.01E+01	U
WG	W-4	389593001	1/15/2016	Ce-144	5.03E+00	1.21E+01	3.65E+01	U
WG	W-4	389593001	1/15/2016	Co-57	-3.33E-01	1.49E+00	5.02E+00	U
WG	W-4	389593001	1/15/2016	Co-58	7.79E-01	1.50E+00	3.42E+00	U
WG	W-4	389593001	1/15/2016	Co-60	-4.39E+00	2.09E+00	3.94E+00	U
WG	W-4	389593001	1/15/2016	Cr-51	2.56E+01	1.63E+01	5.37E+01	U
WG	W-4	389593001	1/15/2016	Cs-134	-3.13E-01	1.54E+00	5.01E+00	U
WG	W-4	389593001	1/15/2016	Cs-137	9.09E-01	1.06E+00	6.37E+00	U
WG	W-4	389593001	1/15/2016	Fe-59	1.55E+00	3.88E+00	1.29E+01	U
WG	W-4	389593001	1/15/2016	H-3	1.06E+02	4.26E+02	1.39E+03	U
WG	W-4	389593001	1/15/2016	I-131	3.22E-01	2.89E+00	9.46E+00	U
WG	W-4	389593001	1/15/2016	K-40	-8.54E+00	2.16E+01	7.23E+01	U
WG	W-4	389593001	1/15/2016	La-140	5.53E-01	3.03E+00	1.02E+01	U
WG	W-4	389593001	1/15/2016	Mn-54	-9.32E-01	1.48E+00	4.58E+00	U
WG	W-4	389593001	1/15/2016	Nb-95	1.86E+00	1.75E+00	6.06E+00	U
WG	W-4	389593001	1/15/2016	Ru-103	-2.57E+00	1.76E+00	3.73E+00	U
WG	W-4	389593001	1/15/2016	Ru-106	-1.27E+01	1.50E+01	4.66E+01	U
WG	W-4	389593001	1/15/2016	Sb-124	7.53E-02	3.70E+00	1.23E+01	U
WG	W-4	389593001	1/15/2016	Sb-125	-7.73E+00	5.29E+00	1.19E+01	U
WG	W-4	389593001	1/15/2016	Se-75	2.10E-01	2.26E+00	7.48E+00	U
WG	W-4	389593001	1/15/2016	Th-228	8.20E-01	4.58E+00	9.22E+00	U
WG	W-4	389593001	1/15/2016	Zn-65	-6.99E+00	4.44E+00	1.13E+01	U
WG	W-4	389593001	1/15/2016	Zr-95	-2.45E+00	3.03E+00	9.24E+00	U
WG	W-5	389593002	1/15/2016	Ac-228	-7.41E-01	7.21E+00	2.39E+01	U
WG	W-5	389593002	1/15/2016	Ag-108m	-8.64E-01	1.54E+00	5.01E+00	U
WG	W-5	389593002	1/15/2016	Ag-110m	3.47E-01	1.71E+00	5.66E+00	U
WG	W-5	389593002	1/15/2016	Ba-140	-7.05E+00	8.48E+00	2.64E+01	U
WG	W-5	389593002	1/15/2016	Be-7	1.89E+01	1.55E+01	5.27E+01	U
WG	W-5	389593002	1/15/2016	Ce-141	-3.66E+00	3.01E+00	9.45E+00	U
WG	W-5	389593002	1/15/2016	Ce-144	1.80E+01	1.34E+01	3.80E+01	U
WG	W-5	389593002	1/15/2016	Co-57	2.16E-01	1.54E+00	4.84E+00	U
WG	W-5	389593002	1/15/2016	Co-58	-1.21E+00	1.87E+00	4.75E+00	U
WG	W-5	389593002	1/15/2016	Co-60	-2.94E+00	1.85E+00	4.57E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-5	389593002	1/15/2016	Cr-51	-5.01E+00	1.65E+01	5.28E+01	U
WG	W-5	389593002	1/15/2016	Cs-134	1.80E+00	2.01E+00	6.44E+00	U
WG	W-5	389593002	1/15/2016	Cs-137	8.73E-01	1.83E+00	6.12E+00	U
WG	W-5	389593002	1/15/2016	Fe-59	5.50E-01	3.04E+00	1.02E+01	U
WG	W-5	389593002	1/15/2016	H-3	-7.26E+02	3.96E+02	1.41E+03	U
WG	W-5	389593002	1/15/2016	I-131	6.80E-01	2.82E+00	9.21E+00	U
WG	W-5	389593002	1/15/2016	K-40	-3.95E+01	2.46E+01	7.68E+01	U
WG	W-5	389593002	1/15/2016	La-140	-5.57E+00	3.73E+00	7.97E+00	U
WG	W-5	389593002	1/15/2016	Mn-54	9.44E-01	2.05E+00	5.93E+00	U
WG	W-5	389593002	1/15/2016	Nb-95	6.59E-01	1.89E+00	6.33E+00	U
WG	W-5	389593002	1/15/2016	Ru-103	8.09E-01	1.66E+00	5.66E+00	U
WG	W-5	389593002	1/15/2016	Ru-106	-6.58E+00	1.54E+01	4.92E+01	U
WG	W-5	389593002	1/15/2016	Sb-124	3.01E+00	3.81E+00	1.35E+01	U
WG	W-5	389593002	1/15/2016	Sb-125	8.72E+00	4.83E+00	1.61E+01	U
WG	W-5	389593002	1/15/2016	Se-75	4.42E+00	2.59E+00	8.33E+00	U
WG	W-5	389593002	1/15/2016	Th-228	2.13E+00	3.46E+00	1.10E+01	U
WG	W-5	389593002	1/15/2016	Zn-65	4.92E-03	4.09E+00	1.16E+01	U
WG	W-5	389593002	1/15/2016	Zr-95	6.18E+00	2.30E+00	8.26E+00	U
WG	W-6	389593003	1/15/2016	Ac-228	3.23E+00	5.62E+00	1.80E+01	U
WG	W-6	389593003	1/15/2016	Ag-108m	-1.57E+00	1.58E+00	3.89E+00	U
WG	W-6	389593003	1/15/2016	Ag-110m	3.68E-01	1.31E+00	4.42E+00	U
WG	W-6	389593003	1/15/2016	Ba-140	1.02E+00	6.34E+00	2.15E+01	U
WG	W-6	389593003	1/15/2016	Be-7	-2.21E+01	1.33E+01	3.70E+01	U
WG	W-6	389593003	1/15/2016	Ce-141	-4.36E+00	3.38E+00	8.77E+00	U
WG	W-6	389593003	1/15/2016	Ce-144	-2.01E+01	1.13E+01	3.21E+01	U
WG	W-6	389593003	1/15/2016	Co-57	-1.11E+00	1.38E+00	4.44E+00	U
WG	W-6	389593003	1/15/2016	Co-58	-4.56E-01	1.30E+00	4.12E+00	U
WG	W-6	389593003	1/15/2016	Co-60	-2.24E+00	1.77E+00	4.92E+00	U
WG	W-6	389593003	1/15/2016	Cr-51	-1.12E+01	1.63E+01	4.94E+01	U
WG	W-6	389593003	1/15/2016	Cs-134	-2.29E-01	1.42E+00	4.58E+00	U
WG	W-6	389593003	1/15/2016	Cs-137	-3.79E-01	1.47E+00	4.53E+00	U
WG	W-6	389593003	1/15/2016	Fe-59	9.20E-01	2.90E+00	9.98E+00	U
WG	W-6	389593003	1/15/2016	H-3	1.78E+02	4.31E+02	1.39E+03	U
WG	W-6	389593003	1/15/2016	I-131	2.73E+00	3.07E+00	9.04E+00	U
WG	W-6	389593003	1/15/2016	K-40	3.81E+00	1.60E+01	4.71E+01	U
WG	W-6	389593003	1/15/2016	La-140	-5.73E-01	2.10E+00	6.62E+00	U
WG	W-6	389593003	1/15/2016	Mn-54	1.67E+00	1.51E+00	5.15E+00	U
WG	W-6	389593003	1/15/2016	Nb-95	-2.55E+00	1.70E+00	4.61E+00	U
WG	W-6	389593003	1/15/2016	Ru-103	-1.90E+00	1.61E+00	4.86E+00	U
WG	W-6	389593003	1/15/2016	Ru-106	9.55E+00	1.26E+01	4.34E+01	U
WG	W-6	389593003	1/15/2016	Sb-124	1.30E+00	3.33E+00	1.14E+01	U
WG	W-6	389593003	1/15/2016	Sb-125	1.51E+01	5.41E+00	1.36E+01	UI
WG	W-6	389593003	1/15/2016	Se-75	3.73E+00	2.71E+00	7.74E+00	U
WG	W-6	389593003	1/15/2016	Th-228	3.95E+00	3.95E+00	1.08E+01	U
WG	W-6	389593003	1/15/2016	Zn-65	4.13E+00	3.66E+00	9.02E+00	U
WG	W-6	389593003	1/15/2016	Zr-95	3.81E+00	2.72E+00	9.29E+00	U
WG	W-3	394508001	3/31/2016	Ac-228	-3.40E+00	2.81E+00	6.28E+00	U
WG	W-3	394508001	3/31/2016	Ag-108m	-9.96E-01	4.81E-01	1.30E+00	U
WG	W-3	394508001	3/31/2016	Ag-110m	-8.46E-02	5.86E-01	1.90E+00	U
WG	W-3	394508001	3/31/2016	Ba-140	3.75E+00	2.50E+00	7.79E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-3	394508001	3/31/2016	Be-7	2.73E+00	4.09E+00	1.32E+01	U
WG	W-3	394508001	3/31/2016	Ce-141	1.44E+00	1.23E+00	2.78E+00	U
WG	W-3	394508001	3/31/2016	Ce-144	1.75E+00	3.28E+00	1.07E+01	U
WG	W-3	394508001	3/31/2016	Co-57	6.71E-01	4.49E-01	1.40E+00	U
WG	W-3	394508001	3/31/2016	Co-58	-7.30E-02	4.42E-01	1.44E+00	U
WG	W-3	394508001	3/31/2016	Co-60	-8.11E-02	4.80E-01	1.57E+00	U
WG	W-3	394508001	3/31/2016	Cr-51	2.48E+00	4.48E+00	1.49E+01	U
WG	W-3	394508001	3/31/2016	Cs-134	2.32E-01	4.87E-01	1.61E+00	U
WG	W-3	394508001	3/31/2016	Cs-137	-1.69E-01	4.45E-01	1.46E+00	U
WG	W-3	394508001	3/31/2016	Fe-59	1.35E+00	1.09E+00	3.17E+00	U
WG	W-3	394508001	3/31/2016	H-3	1.69E+02	4.43E+02	1.43E+03	U
WG	W-3	394508001	3/31/2016	I-131	5.42E-01	8.65E-01	2.85E+00	U
WG	W-3	394508001	3/31/2016	K-40	2.88E+01	1.29E+01	1.62E+01	
WG	W-3	394508001	3/31/2016	La-140	-8.19E-01	9.52E-01	2.44E+00	U
WG	W-3	394508001	3/31/2016	Mn-54	-1.05E-01	4.43E-01	1.44E+00	U
WG	W-3	394508001	3/31/2016	Nb-95	2.18E-01	4.65E-01	1.54E+00	U
WG	W-3	394508001	3/31/2016	Ru-103	-6.53E-01	5.90E-01	1.54E+00	U
WG	W-3	394508001	3/31/2016	Ru-106	3.71E+00	4.12E+00	1.38E+01	U
WG	W-3	394508001	3/31/2016	Sb-124	-1.13E+00	1.24E+00	3.91E+00	U
WG	W-3	394508001	3/31/2016	Sb-125	-3.22E-01	1.32E+00	4.26E+00	U
WG	W-3	394508001	3/31/2016	Se-75	-5.36E-01	6.27E-01	2.04E+00	U
WG	W-3	394508001	3/31/2016	Th-228	-2.22E-01	1.41E+00	3.21E+00	U
WG	W-3	394508001	3/31/2016	Zn-65	1.08E+00	1.09E+00	3.19E+00	U
WG	W-3	394508001	3/31/2016	Zr-95	-6.56E-01	8.02E-01	2.53E+00	U
WG	W-7	394508002	3/31/2016	Ac-228	1.52E+00	3.21E+00	6.50E+00	U
WG	W-7	394508002	3/31/2016	Ag-108m	-4.34E-01	4.32E-01	1.33E+00	U
WG	W-7	394508002	3/31/2016	Ag-110m	2.93E-01	5.96E-01	1.97E+00	U
WG	W-7	394508002	3/31/2016	Ba-140	1.42E+00	2.16E+00	6.96E+00	U
WG	W-7	394508002	3/31/2016	Be-7	1.11E+00	4.19E+00	1.36E+01	U
WG	W-7	394508002	3/31/2016	Ce-141	4.79E-01	1.47E+00	2.71E+00	U
WG	W-7	394508002	3/31/2016	Ce-144	9.38E-01	3.27E+00	1.06E+01	U
WG	W-7	394508002	3/31/2016	Co-57	-8.78E-02	4.19E-01	1.35E+00	U
WG	W-7	394508002	3/31/2016	Co-58	1.08E+00	5.27E-01	1.62E+00	U
WG	W-7	394508002	3/31/2016	Co-60	6.23E-01	4.79E-01	1.59E+00	U
WG	W-7	394508002	3/31/2016	Cr-51	5.40E+00	4.41E+00	1.43E+01	U
WG	W-7	394508002	3/31/2016	Cs-134	3.85E-01	4.65E-01	1.55E+00	U
WG	W-7	394508002	3/31/2016	Cs-137	-3.03E-01	4.47E-01	1.45E+00	U
WG	W-7	394508002	3/31/2016	Fe-59	-3.88E-01	9.97E-01	3.15E+00	U
WG	W-7	394508002	3/31/2016	H-3	-6.08E+02	3.65E+02	1.29E+03	U
WG	W-7	394508002	3/31/2016	I-131	5.50E-04	7.77E-01	2.55E+00	U
WG	W-7	394508002	3/31/2016	K-40	3.03E+01	6.64E+00	1.59E+01	
WG	W-7	394508002	3/31/2016	La-140	9.29E-01	7.82E-01	2.59E+00	U
WG	W-7	394508002	3/31/2016	Mn-54	6.74E-01	4.79E-01	1.54E+00	U
WG	W-7	394508002	3/31/2016	Nb-95	6.35E-02	4.85E-01	1.61E+00	U
WG	W-7	394508002	3/31/2016	Ru-103	-1.03E+00	6.31E-01	1.54E+00	U
WG	W-7	394508002	3/31/2016	Ru-106	-1.63E-01	4.01E+00	1.35E+01	U
WG	W-7	394508002	3/31/2016	Sb-124	1.79E+00	1.17E+00	3.83E+00	U
WG	W-7	394508002	3/31/2016	Sb-125	-1.65E+00	1.32E+00	3.98E+00	U
WG	W-7	394508002	3/31/2016	Se-75	-2.91E-01	6.25E-01	2.07E+00	U
WG	W-7	394508002	3/31/2016	Th-228	2.95E+00	1.74E+00	2.71E+00	UI

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-7	394508002	3/31/2016	Zn-65	1.25E+00	1.09E+00	3.08E+00	U
WG	W-7	394508002	3/31/2016	Zr-95	-3.39E-01	8.08E-01	2.63E+00	U
WG	W-10	394508003	3/31/2016	Ac-228	1.33E+00	3.77E+00	5.06E+00	U
WG	W-10	394508003	3/31/2016	Ag-108m	6.02E-01	4.63E-01	1.45E+00	U
WG	W-10	394508003	3/31/2016	Ag-110m	5.47E-01	6.13E-01	2.01E+00	U
WG	W-10	394508003	3/31/2016	Ba-140	2.33E+00	2.21E+00	7.35E+00	U
WG	W-10	394508003	3/31/2016	Be-7	6.54E+00	4.32E+00	1.41E+01	U
WG	W-10	394508003	3/31/2016	Ce-141	2.69E+00	1.21E+00	3.16E+00	U
WG	W-10	394508003	3/31/2016	Ce-144	-2.21E+00	3.59E+00	1.15E+01	U
WG	W-10	394508003	3/31/2016	Co-57	5.72E-01	4.90E-01	1.61E+00	U
WG	W-10	394508003	3/31/2016	Co-58	1.48E-01	4.62E-01	1.52E+00	U
WG	W-10	394508003	3/31/2016	Co-60	9.24E-02	4.66E-01	1.56E+00	U
WG	W-10	394508003	3/31/2016	Cr-51	-2.68E-01	4.68E+00	1.52E+01	U
WG	W-10	394508003	3/31/2016	Cs-134	5.36E-01	4.88E-01	1.60E+00	U
WG	W-10	394508003	3/31/2016	Cs-137	7.86E-01	5.05E-01	1.62E+00	U
WG	W-10	394508003	3/31/2016	Fe-59	-3.10E-01	8.82E-01	2.92E+00	U
WG	W-10	394508003	3/31/2016	H-3	-7.48E+01	4.50E+02	1.49E+03	U
WG	W-10	394508003	3/31/2016	I-131	-7.26E-01	8.66E-01	2.70E+00	U
WG	W-10	394508003	3/31/2016	K-40	-2.24E+01	9.58E+00	1.99E+01	U
WG	W-10	394508003	3/31/2016	La-140	8.05E-01	7.73E-01	2.57E+00	U
WG	W-10	394508003	3/31/2016	Mn-54	3.91E-02	4.41E-01	1.45E+00	U
WG	W-10	394508003	3/31/2016	Nb-95	3.43E-01	7.45E-01	1.20E+00	U
WG	W-10	394508003	3/31/2016	Ru-103	-1.75E-02	5.44E-01	1.59E+00	U
WG	W-10	394508003	3/31/2016	Ru-106	4.85E+00	4.33E+00	1.43E+01	U
WG	W-10	394508003	3/31/2016	Sb-124	-1.18E-01	1.12E+00	3.64E+00	U
WG	W-10	394508003	3/31/2016	Sb-125	7.90E-02	1.33E+00	4.26E+00	U
WG	W-10	394508003	3/31/2016	Se-75	1.63E+00	9.67E-01	2.31E+00	U
WG	W-10	394508003	3/31/2016	Th-228	-5.60E-01	1.61E+00	3.33E+00	U
WG	W-10	394508003	3/31/2016	Zn-65	3.80E-02	1.08E+00	3.14E+00	U
WG	W-10	394508003	3/31/2016	Zr-95	6.51E-01	8.13E-01	2.69E+00	U
WG	W-11	394508004	3/31/2016	Ac-228	-1.07E+00	3.00E+00	5.61E+00	U
WG	W-11	394508004	3/31/2016	Ag-108m	-6.06E-01	3.86E-01	1.14E+00	U
WG	W-11	394508004	3/31/2016	Ag-110m	4.83E-01	5.27E-01	1.76E+00	U
WG	W-11	394508004	3/31/2016	Ba-140	2.70E+00	1.93E+00	6.16E+00	U
WG	W-11	394508004	3/31/2016	Be-7	-9.71E-02	3.44E+00	1.13E+01	U
WG	W-11	394508004	3/31/2016	Ce-141	-9.42E-02	7.56E-01	2.31E+00	U
WG	W-11	394508004	3/31/2016	Ce-144	4.03E+00	2.88E+00	8.99E+00	U
WG	W-11	394508004	3/31/2016	Co-57	5.55E-01	3.74E-01	1.17E+00	U
WG	W-11	394508004	3/31/2016	Co-58	2.41E-01	3.67E-01	1.24E+00	U
WG	W-11	394508004	3/31/2016	Co-60	-1.83E-01	7.15E-01	1.33E+00	U
WG	W-11	394508004	3/31/2016	Cr-51	-3.42E+00	3.86E+00	1.24E+01	U
WG	W-11	394508004	3/31/2016	Cs-134	2.11E-01	4.06E-01	1.37E+00	U
WG	W-11	394508004	3/31/2016	Cs-137	-9.83E-02	4.26E-01	1.35E+00	U
WG	W-11	394508004	3/31/2016	Fe-59	4.32E-01	7.66E-01	2.54E+00	U
WG	W-11	394508004	3/31/2016	H-3	2.28E+02	4.60E+02	1.48E+03	U
WG	W-11	394508004	3/31/2016	I-131	8.21E-01	6.86E-01	2.24E+00	U
WG	W-11	394508004	3/31/2016	K-40	2.70E+00	9.12E+00	1.22E+01	U
WG	W-11	394508004	3/31/2016	La-140	-2.80E-01	6.93E-01	1.93E+00	U
WG	W-11	394508004	3/31/2016	Mn-54	3.53E-01	3.91E-01	1.31E+00	U
WG	W-11	394508004	3/31/2016	Nb-95	6.74E-01	4.23E-01	1.37E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-11	394508004	3/31/2016	Ru-103	-3.00E-01	4.81E-01	1.33E+00	U
WG	W-11	394508004	3/31/2016	Ru-106	-4.04E+00	3.68E+00	1.11E+01	U
WG	W-11	394508004	3/31/2016	Sb-124	-1.54E+00	9.60E-01	2.71E+00	U
WG	W-11	394508004	3/31/2016	Sb-125	-9.40E-01	1.12E+00	3.56E+00	U
WG	W-11	394508004	3/31/2016	Se-75	2.10E-01	5.56E-01	1.75E+00	U
WG	W-11	394508004	3/31/2016	Th-228	-1.56E+00	1.41E+00	2.81E+00	U
WG	W-11	394508004	3/31/2016	Zn-65	1.67E-01	9.33E-01	2.66E+00	U
WG	W-11	394508004	3/31/2016	Zr-95	1.23E+00	7.29E-01	2.36E+00	U
WG	W-12	394508005	3/31/2016	Ac-228	1.31E+00	2.78E+00	6.26E+00	U
WG	W-12	394508005	3/31/2016	Ag-108m	-1.66E-01	3.87E-01	1.27E+00	U
WG	W-12	394508005	3/31/2016	Ag-110m	-1.07E+00	6.27E-01	1.79E+00	U
WG	W-12	394508005	3/31/2016	Ba-140	7.01E-01	2.02E+00	6.66E+00	U
WG	W-12	394508005	3/31/2016	Be-7	7.74E+00	4.37E+00	1.26E+01	U
WG	W-12	394508005	3/31/2016	Ce-141	1.49E+00	8.52E-01	2.41E+00	U
WG	W-12	394508005	3/31/2016	Ce-144	-1.72E+00	2.80E+00	9.23E+00	U
WG	W-12	394508005	3/31/2016	Co-57	-3.90E-01	3.82E-01	1.23E+00	U
WG	W-12	394508005	3/31/2016	Co-58	-6.25E-01	4.40E-01	1.32E+00	U
WG	W-12	394508005	3/31/2016	Co-60	1.69E-02	5.34E-01	1.58E+00	U
WG	W-12	394508005	3/31/2016	Cr-51	3.49E-01	3.91E+00	1.33E+01	U
WG	W-12	394508005	3/31/2016	Cs-134	2.85E-01	4.53E-01	1.53E+00	U
WG	W-12	394508005	3/31/2016	Cs-137	-7.34E-02	4.81E-01	1.54E+00	U
WG	W-12	394508005	3/31/2016	Fe-59	1.34E+00	1.55E+00	2.96E+00	U
WG	W-12	394508005	3/31/2016	H-3	-5.80E+02	4.18E+02	1.46E+03	U
WG	W-12	394508005	3/31/2016	I-131	-2.28E-01	7.13E-01	2.38E+00	U
WG	W-12	394508005	3/31/2016	K-40	-3.41E+00	8.84E+00	2.06E+01	U
WG	W-12	394508005	3/31/2016	La-140	4.93E-01	7.88E-01	2.63E+00	U
WG	W-12	394508005	3/31/2016	Mn-54	-2.04E-01	3.97E-01	1.29E+00	U
WG	W-12	394508005	3/31/2016	Nb-95	2.78E-01	6.78E-01	1.58E+00	U
WG	W-12	394508005	3/31/2016	Ru-103	-5.00E-01	5.48E-01	1.50E+00	U
WG	W-12	394508005	3/31/2016	Ru-106	3.10E+00	3.85E+00	1.25E+01	U
WG	W-12	394508005	3/31/2016	Sb-124	-9.66E-01	1.07E+00	3.27E+00	U
WG	W-12	394508005	3/31/2016	Sb-125	-1.70E+00	1.21E+00	3.68E+00	U
WG	W-12	394508005	3/31/2016	Se-75	-1.66E-01	5.92E-01	1.89E+00	U
WG	W-12	394508005	3/31/2016	Th-228	1.11E-01	1.43E+00	2.68E+00	U
WG	W-12	394508005	3/31/2016	Zn-65	-6.17E-01	1.10E+00	2.97E+00	U
WG	W-12	394508005	3/31/2016	Zr-95	-8.00E-01	7.63E-01	2.41E+00	U
WG	W-13	394508006	3/31/2016	Ac-228	2.09E+00	4.15E+00	7.45E+00	U
WG	W-13	394508006	3/31/2016	Ag-108m	3.30E-01	4.77E-01	1.57E+00	U
WG	W-13	394508006	3/31/2016	Ag-110m	-3.46E-02	7.42E-01	2.31E+00	U
WG	W-13	394508006	3/31/2016	Ba-140	-7.38E+00	3.10E+00	7.87E+00	U
WG	W-13	394508006	3/31/2016	Be-7	-7.65E+00	7.27E+00	1.52E+01	U
WG	W-13	394508006	3/31/2016	Ce-141	-6.49E-03	1.53E+00	3.27E+00	U
WG	W-13	394508006	3/31/2016	Ce-144	3.91E+00	3.96E+00	1.26E+01	U
WG	W-13	394508006	3/31/2016	Co-57	6.15E-01	6.02E-01	1.68E+00	U
WG	W-13	394508006	3/31/2016	Co-58	-1.17E+00	6.17E-01	1.67E+00	U
WG	W-13	394508006	3/31/2016	Co-60	3.70E-02	5.34E-01	1.76E+00	U
WG	W-13	394508006	3/31/2016	Cr-51	-7.50E+00	5.22E+00	1.60E+01	U
WG	W-13	394508006	3/31/2016	Cs-134	-5.00E-02	5.84E-01	1.88E+00	U
WG	W-13	394508006	3/31/2016	Cs-137	-5.70E-02	5.75E-01	1.86E+00	U
WG	W-13	394508006	3/31/2016	Fe-59	-6.95E-01	1.03E+00	3.32E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-13	394508006	3/31/2016	H-3	3.82E+02	4.36E+02	1.38E+03	U
WG	W-13	394508006	3/31/2016	I-131	8.85E-01	9.12E-01	3.00E+00	U
WG	W-13	394508006	3/31/2016	K-40	-2.11E+00	9.29E+00	2.30E+01	U
WG	W-13	394508006	3/31/2016	La-140	1.35E+00	8.98E-01	2.91E+00	U
WG	W-13	394508006	3/31/2016	Mn-54	-6.29E-01	5.12E-01	1.60E+00	U
WG	W-13	394508006	3/31/2016	Nb-95	-2.63E-01	8.71E-01	1.92E+00	U
WG	W-13	394508006	3/31/2016	Ru-103	8.43E-01	6.59E-01	1.86E+00	U
WG	W-13	394508006	3/31/2016	Ru-106	-4.32E+00	4.95E+00	1.54E+01	U
WG	W-13	394508006	3/31/2016	Sb-124	-2.25E+00	1.44E+00	4.05E+00	U
WG	W-13	394508006	3/31/2016	Sb-125	5.86E-01	1.46E+00	4.83E+00	U
WG	W-13	394508006	3/31/2016	Se-75	2.42E-01	6.96E-01	2.33E+00	U
WG	W-13	394508006	3/31/2016	Th-228	-3.36E+00	1.98E+00	3.58E+00	U
WG	W-13	394508006	3/31/2016	Zn-65	-1.16E+00	1.29E+00	3.45E+00	U
WG	W-13	394508006	3/31/2016	Zr-95	7.20E-01	1.05E+00	2.95E+00	U
WG	W-14	394508007	3/31/2016	Ac-228	-1.78E+00	3.34E+00	5.71E+00	U
WG	W-14	394508007	3/31/2016	Ag-108m	3.13E-02	3.88E-01	1.30E+00	U
WG	W-14	394508007	3/31/2016	Ag-110m	-5.37E-01	5.97E-01	1.83E+00	U
WG	W-14	394508007	3/31/2016	Ba-140	2.61E+00	2.18E+00	7.09E+00	U
WG	W-14	394508007	3/31/2016	Be-7	1.89E+00	4.21E+00	1.23E+01	U
WG	W-14	394508007	3/31/2016	Ce-141	1.49E+00	1.21E+00	2.51E+00	U
WG	W-14	394508007	3/31/2016	Ce-144	2.10E+00	3.02E+00	9.95E+00	U
WG	W-14	394508007	3/31/2016	Co-57	4.79E-01	4.07E-01	1.32E+00	U
WG	W-14	394508007	3/31/2016	Co-58	-1.14E-01	4.35E-01	1.39E+00	U
WG	W-14	394508007	3/31/2016	Co-60	4.34E-01	4.57E-01	1.51E+00	U
WG	W-14	394508007	3/31/2016	Cr-51	-2.60E+00	4.38E+00	1.38E+01	U
WG	W-14	394508007	3/31/2016	Cs-134	3.86E-01	4.62E-01	1.50E+00	U
WG	W-14	394508007	3/31/2016	Cs-137	-1.94E-01	6.16E-01	1.50E+00	U
WG	W-14	394508007	3/31/2016	Fe-59	-1.20E+00	9.38E-01	2.85E+00	U
WG	W-14	394508007	3/31/2016	H-3	8.87E+01	4.38E+02	1.43E+03	U
WG	W-14	394508007	3/31/2016	I-131	-6.17E-01	7.44E-01	2.43E+00	U
WG	W-14	394508007	3/31/2016	K-40	-6.42E+00	9.24E+00	1.95E+01	U
WG	W-14	394508007	3/31/2016	La-140	6.43E-01	7.22E-01	2.37E+00	U
WG	W-14	394508007	3/31/2016	Mn-54	-1.16E-01	4.42E-01	1.41E+00	U
WG	W-14	394508007	3/31/2016	Nb-95	8.45E-01	4.66E-01	1.44E+00	U
WG	W-14	394508007	3/31/2016	Ru-103	-3.63E-01	4.58E-01	1.47E+00	U
WG	W-14	394508007	3/31/2016	Ru-106	-4.84E+00	4.04E+00	1.24E+01	U
WG	W-14	394508007	3/31/2016	Sb-124	-5.65E-01	9.98E-01	3.12E+00	U
WG	W-14	394508007	3/31/2016	Sb-125	1.73E-01	1.18E+00	3.95E+00	U
WG	W-14	394508007	3/31/2016	Se-75	8.95E-01	6.68E-01	2.09E+00	U
WG	W-14	394508007	3/31/2016	Th-228	4.63E-01	1.30E+00	2.75E+00	U
WG	W-14	394508007	3/31/2016	Zn-65	2.61E-01	9.95E-01	2.87E+00	U
WG	W-14	394508007	3/31/2016	Zr-95	6.03E-01	7.79E-01	2.54E+00	U
WG	MW-20	394508008	3/31/2016	Ac-228	6.03E+00	2.54E+00	7.42E+00	U
WG	MW-20	394508008	3/31/2016	Ag-108m	-7.09E-01	4.79E-01	1.45E+00	U
WG	MW-20	394508008	3/31/2016	Ag-110m	3.92E-01	7.35E-01	2.44E+00	U
WG	MW-20	394508008	3/31/2016	Ba-140	-1.67E+00	2.57E+00	8.18E+00	U
WG	MW-20	394508008	3/31/2016	Be-7	-6.53E-01	4.39E+00	1.45E+01	U
WG	MW-20	394508008	3/31/2016	Ce-141	2.95E+00	1.12E+00	2.78E+00	UI
WG	MW-20	394508008	3/31/2016	Ce-144	-1.06E+00	2.94E+00	9.90E+00	U
WG	MW-20	394508008	3/31/2016	Co-57	5.57E-01	4.28E-01	1.31E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	MW-20	394508008	3/31/2016	Co-58	3.14E-01	5.52E-01	1.84E+00	U
WG	MW-20	394508008	3/31/2016	Co-60	-8.59E-02	5.87E-01	1.93E+00	U
WG	MW-20	394508008	3/31/2016	Cr-51	2.69E+00	5.14E+00	1.60E+01	U
WG	MW-20	394508008	3/31/2016	Cs-134	7.70E-01	6.07E-01	1.99E+00	U
WG	MW-20	394508008	3/31/2016	Cs-137	5.64E-02	5.65E-01	1.83E+00	U
WG	MW-20	394508008	3/31/2016	Fe-59	5.27E-01	1.13E+00	3.67E+00	U
WG	MW-20	394508008	3/31/2016	H-3	3.08E+02	4.47E+02	1.42E+03	U
WG	MW-20	394508008	3/31/2016	I-131	1.64E-01	8.27E-01	2.79E+00	U
WG	MW-20	394508008	3/31/2016	K-40	6.21E+00	1.17E+01	1.79E+01	U
WG	MW-20	394508008	3/31/2016	La-140	8.33E-01	8.99E-01	2.96E+00	U
WG	MW-20	394508008	3/31/2016	Mn-54	-3.69E-01	5.35E-01	1.72E+00	U
WG	MW-20	394508008	3/31/2016	Nb-95	6.98E-01	5.41E-01	1.78E+00	U
WG	MW-20	394508008	3/31/2016	Ru-103	1.13E+00	6.71E-01	1.85E+00	U
WG	MW-20	394508008	3/31/2016	Ru-106	-1.52E+00	4.73E+00	1.52E+01	U
WG	MW-20	394508008	3/31/2016	Sb-124	-2.55E+00	2.42E+00	4.29E+00	U
WG	MW-20	394508008	3/31/2016	Sb-125	1.67E-01	1.40E+00	4.66E+00	U
WG	MW-20	394508008	3/31/2016	Se-75	1.19E+00	7.25E-01	2.24E+00	U
WG	MW-20	394508008	3/31/2016	Th-228	2.08E+00	1.87E+00	2.89E+00	U
WG	MW-20	394508008	3/31/2016	Zn-65	4.50E-01	1.29E+00	3.62E+00	U
WG	MW-20	394508008	3/31/2016	Zr-95	-7.90E-01	9.53E-01	3.05E+00	U
WG	MW-21	394508009	3/31/2016	Ac-228	-2.51E+00	3.13E+00	5.97E+00	U
WG	MW-21	394508009	3/31/2016	Ag-108m	-2.00E+00	7.68E-01	1.25E+00	U
WG	MW-21	394508009	3/31/2016	Ag-110m	2.06E-01	5.69E-01	1.86E+00	U
WG	MW-21	394508009	3/31/2016	Ba-140	-2.93E+00	2.10E+00	6.47E+00	U
WG	MW-21	394508009	3/31/2016	Be-7	4.48E+00	3.96E+00	1.25E+01	U
WG	MW-21	394508009	3/31/2016	Ce-141	2.88E-01	8.01E-01	2.55E+00	U
WG	MW-21	394508009	3/31/2016	Ce-144	-4.92E+00	4.03E+00	9.40E+00	U
WG	MW-21	394508009	3/31/2016	Co-57	1.12E+00	4.61E-01	1.26E+00	U
WG	MW-21	394508009	3/31/2016	Co-58	4.43E-01	4.28E-01	1.39E+00	U
WG	MW-21	394508009	3/31/2016	Co-60	3.57E-01	4.60E-01	1.52E+00	U
WG	MW-21	394508009	3/31/2016	Cr-51	-3.65E+00	4.55E+00	1.34E+01	U
WG	MW-21	394508009	3/31/2016	Cs-134	3.86E-01	4.71E-01	1.54E+00	U
WG	MW-21	394508009	3/31/2016	Cs-137	-4.90E-01	5.42E-01	1.48E+00	U
WG	MW-21	394508009	3/31/2016	Fe-59	-7.25E-01	8.27E-01	2.63E+00	U
WG	MW-21	394508009	3/31/2016	H-3	-8.71E+01	4.38E+02	1.45E+03	U
WG	MW-21	394508009	3/31/2016	I-131	-5.64E-01	7.81E-01	2.47E+00	U
WG	MW-21	394508009	3/31/2016	K-40	-2.05E+01	1.05E+01	1.92E+01	U
WG	MW-21	394508009	3/31/2016	La-140	1.20E+00	7.27E-01	2.32E+00	U
WG	MW-21	394508009	3/31/2016	Mn-54	-5.00E-01	5.03E-01	1.32E+00	U
WG	MW-21	394508009	3/31/2016	Nb-95	1.09E+00	5.55E-01	1.50E+00	U
WG	MW-21	394508009	3/31/2016	Ru-103	-6.80E-01	4.80E-01	1.49E+00	U
WG	MW-21	394508009	3/31/2016	Ru-106	-3.28E+00	4.58E+00	1.28E+01	U
WG	MW-21	394508009	3/31/2016	Sb-124	-1.51E-02	9.74E-01	3.26E+00	U
WG	MW-21	394508009	3/31/2016	Sb-125	-1.81E+00	1.28E+00	3.78E+00	U
WG	MW-21	394508009	3/31/2016	Se-75	-6.69E-01	6.12E-01	1.93E+00	U
WG	MW-21	394508009	3/31/2016	Th-228	4.62E-01	1.65E+00	2.57E+00	U
WG	MW-21	394508009	3/31/2016	Zn-65	1.91E-01	1.01E+00	2.91E+00	U
WG	MW-21	394508009	3/31/2016	Zr-95	-7.70E-01	1.24E+00	2.48E+00	U
WG	W-1	394957001	4/7/2016	Ac-228	1.91E+00	4.79E+00	1.66E+01	U
WG	W-1	394957001	4/7/2016	Ag-108m	1.29E+00	1.06E+00	3.66E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-1	394957001	4/7/2016	Ag-110m	-8.71E-01	1.67E+00	5.22E+00	U
WG	W-1	394957001	4/7/2016	Ba-140	1.39E+01	6.18E+00	2.08E+01	U
WG	W-1	394957001	4/7/2016	Be-7	9.84E+00	1.03E+01	3.34E+01	U
WG	W-1	394957001	4/7/2016	Ce-141	-2.92E+00	2.13E+00	6.30E+00	U
WG	W-1	394957001	4/7/2016	Ce-144	1.22E+01	8.14E+00	2.72E+01	U
WG	W-1	394957001	4/7/2016	Co-57	5.68E-01	1.11E+00	3.79E+00	U
WG	W-1	394957001	4/7/2016	Co-58	-2.75E+00	1.41E+00	3.35E+00	U
WG	W-1	394957001	4/7/2016	Co-60	-4.19E-01	1.36E+00	4.41E+00	U
WG	W-1	394957001	4/7/2016	Cr-51	3.94E-01	1.13E+01	3.85E+01	U
WG	W-1	394957001	4/7/2016	Cs-134	-4.38E-01	1.14E+00	3.67E+00	U
WG	W-1	394957001	4/7/2016	Cs-137	-3.37E-01	1.33E+00	4.19E+00	U
WG	W-1	394957001	4/7/2016	Fe-59	-1.30E+00	2.35E+00	7.08E+00	U
WG	W-1	394957001	4/7/2016	H-3	-1.00E+02	4.35E+02	1.45E+03	U
WG	W-1	394957001	4/7/2016	I-131	7.90E-01	2.13E+00	7.32E+00	U
WG	W-1	394957001	4/7/2016	K-40	1.60E+01	1.34E+01	3.10E+01	U
WG	W-1	394957001	4/7/2016	La-140	2.62E+00	2.25E+00	8.09E+00	U
WG	W-1	394957001	4/7/2016	Mn-54	1.54E+00	7.10E-01	3.45E+00	U
WG	W-1	394957001	4/7/2016	Nb-95	-4.71E-02	1.33E+00	4.41E+00	U
WG	W-1	394957001	4/7/2016	Ru-103	-3.81E-01	1.44E+00	4.03E+00	U
WG	W-1	394957001	4/7/2016	Ru-106	-7.99E+00	1.03E+01	3.04E+01	U
WG	W-1	394957001	4/7/2016	Sb-124	6.14E-01	3.77E+00	1.25E+01	U
WG	W-1	394957001	4/7/2016	Sb-125	-4.35E+00	3.28E+00	9.34E+00	U
WG	W-1	394957001	4/7/2016	Se-75	-1.72E+00	1.79E+00	5.28E+00	U
WG	W-1	394957001	4/7/2016	Th-228	-5.71E-01	2.94E+00	8.59E+00	U
WG	W-1	394957001	4/7/2016	Zn-65	-3.67E-01	2.64E+00	8.46E+00	U
WG	W-1	394957001	4/7/2016	Zr-95	2.94E+00	2.28E+00	8.05E+00	U
WG	W-8	394957002	4/7/2016	Ac-228	1.13E+01	6.63E+00	1.52E+01	U
WG	W-8	394957002	4/7/2016	Ag-108m	1.97E+00	1.25E+00	4.18E+00	U
WG	W-8	394957002	4/7/2016	Ag-110m	-4.92E-01	1.82E+00	5.85E+00	U
WG	W-8	394957002	4/7/2016	Ba-140	7.94E+00	6.60E+00	2.22E+01	U
WG	W-8	394957002	4/7/2016	Be-7	-1.00E+00	1.04E+01	2.94E+01	U
WG	W-8	394957002	4/7/2016	Ce-141	-1.63E+00	2.29E+00	7.16E+00	U
WG	W-8	394957002	4/7/2016	Ce-144	7.38E+00	8.79E+00	2.91E+01	U
WG	W-8	394957002	4/7/2016	Co-57	1.63E+00	1.16E+00	3.80E+00	U
WG	W-8	394957002	4/7/2016	Co-58	3.15E-02	1.21E+00	4.01E+00	U
WG	W-8	394957002	4/7/2016	Co-60	4.93E-01	1.29E+00	4.45E+00	U
WG	W-8	394957002	4/7/2016	Cr-51	-1.10E+01	1.48E+01	4.10E+01	U
WG	W-8	394957002	4/7/2016	Cs-134	5.10E-01	1.16E+00	3.98E+00	U
WG	W-8	394957002	4/7/2016	Cs-137	6.01E-01	1.85E+00	2.72E+00	U
WG	W-8	394957002	4/7/2016	Fe-59	3.06E+00	2.36E+00	8.29E+00	U
WG	W-8	394957002	4/7/2016	H-3	1.41E+02	4.29E+02	1.39E+03	U
WG	W-8	394957002	4/7/2016	I-131	-1.62E+00	2.16E+00	6.77E+00	U
WG	W-8	394957002	4/7/2016	K-40	-8.16E+00	1.72E+01	5.46E+01	U
WG	W-8	394957002	4/7/2016	La-140	-3.46E+00	2.44E+00	6.18E+00	U
WG	W-8	394957002	4/7/2016	Mn-54	1.18E+00	1.11E+00	3.88E+00	U
WG	W-8	394957002	4/7/2016	Nb-95	1.96E-01	1.22E+00	4.11E+00	U
WG	W-8	394957002	4/7/2016	Ru-103	-2.21E+00	1.27E+00	3.16E+00	U
WG	W-8	394957002	4/7/2016	Ru-106	1.02E+00	1.14E+01	3.86E+01	U
WG	W-8	394957002	4/7/2016	Sb-124	-1.36E+00	3.02E+00	9.15E+00	U
WG	W-8	394957002	4/7/2016	Sb-125	2.43E+00	3.34E+00	1.13E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-8	394957002	4/7/2016	Se-75	-1.23E+00	1.87E+00	6.09E+00	U
WG	W-8	394957002	4/7/2016	Th-228	3.80E+00	3.71E+00	9.78E+00	U
WG	W-8	394957002	4/7/2016	Zn-65	2.02E+00	2.94E+00	8.88E+00	U
WG	W-8	394957002	4/7/2016	Zr-95	5.42E+00	2.59E+00	8.27E+00	U
WG	W-9	394957003	4/7/2016	Ac-228	1.82E+01	7.68E+00	2.16E+01	U
WG	W-9	394957003	4/7/2016	Ag-108m	3.67E-01	1.29E+00	4.36E+00	U
WG	W-9	394957003	4/7/2016	Ag-110m	1.97E+00	2.18E+00	7.49E+00	U
WG	W-9	394957003	4/7/2016	Ba-140	3.63E-01	7.03E+00	2.31E+01	U
WG	W-9	394957003	4/7/2016	Be-7	-1.46E+01	1.43E+01	4.32E+01	U
WG	W-9	394957003	4/7/2016	Ce-141	1.67E+00	2.98E+00	8.43E+00	U
WG	W-9	394957003	4/7/2016	Ce-144	9.50E+00	9.10E+00	3.09E+01	U
WG	W-9	394957003	4/7/2016	Co-57	-1.05E+00	1.12E+00	3.32E+00	U
WG	W-9	394957003	4/7/2016	Co-58	1.17E+00	1.60E+00	4.72E+00	U
WG	W-9	394957003	4/7/2016	Co-60	3.78E+00	1.79E+00	6.69E+00	U
WG	W-9	394957003	4/7/2016	Cr-51	7.07E+00	1.43E+01	4.68E+01	U
WG	W-9	394957003	4/7/2016	Cs-134	1.67E+00	2.00E+00	6.45E+00	U
WG	W-9	394957003	4/7/2016	Cs-137	1.80E+00	1.12E+00	4.56E+00	U
WG	W-9	394957003	4/7/2016	Fe-59	2.58E+00	3.44E+00	1.16E+01	U
WG	W-9	394957003	4/7/2016	H-3	8.95E+01	4.44E+02	1.45E+03	U
WG	W-9	394957003	4/7/2016	I-131	2.89E-01	2.73E+00	9.24E+00	U
WG	W-9	394957003	4/7/2016	K-40	-1.40E+00	1.96E+01	6.56E+01	U
WG	W-9	394957003	4/7/2016	La-140	-2.97E+00	2.24E+00	5.42E+00	U
WG	W-9	394957003	4/7/2016	Mn-54	-3.65E-01	1.31E+00	4.24E+00	U
WG	W-9	394957003	4/7/2016	Nb-95	-2.06E+00	1.77E+00	4.71E+00	U
WG	W-9	394957003	4/7/2016	Ru-103	-5.00E+00	2.00E+00	4.28E+00	U
WG	W-9	394957003	4/7/2016	Ru-106	8.75E+00	1.42E+01	4.74E+01	U
WG	W-9	394957003	4/7/2016	Sb-124	-2.77E+00	3.31E+00	9.59E+00	U
WG	W-9	394957003	4/7/2016	Sb-125	-1.99E+00	3.73E+00	1.19E+01	U
WG	W-9	394957003	4/7/2016	Se-75	2.54E-01	2.06E+00	6.75E+00	U
WG	W-9	394957003	4/7/2016	Th-228	-2.31E+00	3.10E+00	9.06E+00	U
WG	W-9	394957003	4/7/2016	Zn-65	-6.01E+00	4.35E+00	1.17E+01	U
WG	W-9	394957003	4/7/2016	Zr-95	-8.75E-01	3.15E+00	1.03E+01	U
WG	W-15	394957004	4/7/2016	Ac-228	-5.68E+00	5.47E+00	1.66E+01	U
WG	W-15	394957004	4/7/2016	Ag-108m	-3.07E-01	1.12E+00	3.54E+00	U
WG	W-15	394957004	4/7/2016	Ag-110m	-4.69E-01	1.85E+00	5.86E+00	U
WG	W-15	394957004	4/7/2016	Ba-140	-4.28E+00	6.43E+00	1.74E+01	U
WG	W-15	394957004	4/7/2016	Be-7	-2.48E+00	1.17E+01	3.70E+01	U
WG	W-15	394957004	4/7/2016	Ce-141	4.65E+00	2.67E+00	7.27E+00	U
WG	W-15	394957004	4/7/2016	Ce-144	-3.01E+00	8.79E+00	2.76E+01	U
WG	W-15	394957004	4/7/2016	Co-57	1.75E+00	1.24E+00	3.93E+00	U
WG	W-15	394957004	4/7/2016	Co-58	-2.37E+00	1.45E+00	3.81E+00	U
WG	W-15	394957004	4/7/2016	Co-60	-6.49E-01	1.33E+00	4.15E+00	U
WG	W-15	394957004	4/7/2016	Cr-51	-6.74E+00	1.29E+01	4.10E+01	U
WG	W-15	394957004	4/7/2016	Cs-134	1.08E+00	1.47E+00	4.95E+00	U
WG	W-15	394957004	4/7/2016	Cs-137	1.31E+00	1.36E+00	4.66E+00	U
WG	W-15	394957004	4/7/2016	Fe-59	3.26E+00	2.58E+00	8.99E+00	U
WG	W-15	394957004	4/7/2016	H-3	9.18E+01	4.45E+02	1.45E+03	U
WG	W-15	394957004	4/7/2016	I-131	-3.75E+00	2.44E+00	6.81E+00	U
WG	W-15	394957004	4/7/2016	K-40	2.32E+01	1.50E+01	3.53E+01	U
WG	W-15	394957004	4/7/2016	La-140	-3.78E-01	1.97E+00	6.24E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)		FLAGS
WG	W-15	394957004	4/7/2016	Mn-54	1.79E+00	1.23E+00	4.19E+00	U	
WG	W-15	394957004	4/7/2016	Nb-95	1.30E+00	1.17E+00	4.01E+00	U	
WG	W-15	394957004	4/7/2016	Ru-103	1.58E-01	1.13E+00	3.37E+00	U	
WG	W-15	394957004	4/7/2016	Ru-106	-1.48E+00	1.24E+01	3.71E+01	U	
WG	W-15	394957004	4/7/2016	Sb-124	3.36E-02	3.09E+00	1.04E+01	U	
WG	W-15	394957004	4/7/2016	Sb-125	-4.99E+00	3.40E+00	9.28E+00	U	
WG	W-15	394957004	4/7/2016	Se-75	1.79E+00	1.63E+00	5.46E+00	U	
WG	W-15	394957004	4/7/2016	Th-228	4.16E+00	3.02E+00	6.97E+00	U	
WG	W-15	394957004	4/7/2016	Zn-65	3.06E+00	3.02E+00	1.04E+01	U	
WG	W-15	394957004	4/7/2016	Zr-95	8.96E+00	3.32E+00	7.71E+00	UI	
WG	SG-1	394957005	4/7/2016	Ac-228	-1.42E+01	7.97E+00	2.10E+01	U	
WG	SG-1	394957005	4/7/2016	Ag-108m	-8.74E-01	1.54E+00	4.05E+00	U	
WG	SG-1	394957005	4/7/2016	Ag-110m	-4.03E+00	2.58E+00	6.82E+00	U	
WG	SG-1	394957005	4/7/2016	ALPHA	1.13E+00	1.45E+00	4.36E+00	U	DL
WG	SG-1	394957005	4/7/2016	Ba-140	-1.92E+00	7.72E+00	2.56E+01	U	
WG	SG-1	394957005	4/7/2016	Be-7	-1.03E-01	1.39E+01	4.45E+01	U	
WG	SG-1	394957005	4/7/2016	BETA	9.90E+00	1.60E+00	3.83E+00		
WG	SG-1	394957005	4/7/2016	Ce-141	1.85E+00	2.78E+00	9.65E+00	U	
WG	SG-1	394957005	4/7/2016	Ce-144	1.01E+01	1.10E+01	3.75E+01	U	
WG	SG-1	394957005	4/7/2016	Co-57	-3.14E-02	1.42E+00	4.80E+00	U	
WG	SG-1	394957005	4/7/2016	Co-58	7.71E-01	1.58E+00	5.39E+00	U	
WG	SG-1	394957005	4/7/2016	Co-60	-3.28E+00	1.91E+00	4.87E+00	U	
WG	SG-1	394957005	4/7/2016	Cr-51	-7.44E+00	1.57E+01	4.97E+01	U	
WG	SG-1	394957005	4/7/2016	Cs-134	-1.86E+00	1.70E+00	4.91E+00	U	
WG	SG-1	394957005	4/7/2016	Cs-137	-1.55E+00	1.93E+00	4.99E+00	U	
WG	SG-1	394957005	4/7/2016	Fe-59	-4.45E+00	3.40E+00	8.88E+00	U	
WG	SG-1	394957005	4/7/2016	H-3	4.05E+02	4.61E+02	1.45E+03	U	
WG	SG-1	394957005	4/7/2016	I-131	2.05E+00	2.77E+00	9.27E+00	U	
WG	SG-1	394957005	4/7/2016	K-40	3.19E+01	2.05E+01	4.73E+01	U	
WG	SG-1	394957005	4/7/2016	La-140	-2.97E+00	2.81E+00	7.83E+00	U	
WG	SG-1	394957005	4/7/2016	Mn-54	-1.84E+00	1.58E+00	4.48E+00	U	
WG	SG-1	394957005	4/7/2016	Nb-95	1.38E+00	1.69E+00	5.82E+00	U	
WG	SG-1	394957005	4/7/2016	Ru-103	-3.15E+00	1.87E+00	4.77E+00	U	
WG	SG-1	394957005	4/7/2016	Ru-106	-4.64E+00	1.35E+01	4.41E+01	U	
WG	SG-1	394957005	4/7/2016	Sb-124	2.85E+00	4.54E+00	1.58E+01	U	
WG	SG-1	394957005	4/7/2016	Sb-125	-3.84E+00	4.50E+00	1.34E+01	U	
WG	SG-1	394957005	4/7/2016	Se-75	7.59E-01	2.06E+00	6.88E+00	U	
WG	SG-1	394957005	4/7/2016	Th-228	7.08E+00	5.12E+00	1.09E+01	U	
WG	SG-1	394957005	4/7/2016	Zn-65	-1.10E+00	3.68E+00	1.16E+01	U	
WG	SG-1	394957005	4/7/2016	Zr-95	9.89E-01	2.76E+00	9.39E+00	U	
WG	SG-2	394957006	4/7/2016	Ac-228	8.99E+00	6.74E+00	2.33E+01	U	
WG	SG-2	394957006	4/7/2016	Ag-108m	-5.75E-01	1.28E+00	4.04E+00	U	
WG	SG-2	394957006	4/7/2016	Ag-110m	-1.30E-01	1.89E+00	6.15E+00	U	
WG	SG-2	394957006	4/7/2016	ALPHA	-8.24E-01	1.00E+00	3.50E+00	U	
WG	SG-2	394957006	4/7/2016	Ba-140	3.77E+00	7.29E+00	2.42E+01	U	
WG	SG-2	394957006	4/7/2016	Be-7	9.56E+00	1.29E+01	4.34E+01	U	
WG	SG-2	394957006	4/7/2016	BETA	5.30E+00	1.28E+00	3.52E+00		
WG	SG-2	394957006	4/7/2016	Ce-141	-8.69E-01	2.33E+00	7.42E+00	U	
WG	SG-2	394957006	4/7/2016	Ce-144	-2.19E+00	9.10E+00	2.94E+01	U	
WG	SG-2	394957006	4/7/2016	Co-57	-2.03E-01	1.25E+00	4.07E+00	U	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-2	394957006	4/7/2016	Co-58	2.30E-01	1.40E+00	4.68E+00	U
WG	SG-2	394957006	4/7/2016	Co-60	-1.59E+00	1.51E+00	4.16E+00	U
WG	SG-2	394957006	4/7/2016	Cr-51	-5.02E+00	1.39E+01	4.54E+01	U
WG	SG-2	394957006	4/7/2016	Cs-134	-8.24E-01	1.31E+00	3.99E+00	U
WG	SG-2	394957006	4/7/2016	Cs-137	-2.03E+00	1.41E+00	3.81E+00	U
WG	SG-2	394957006	4/7/2016	Fe-59	-2.45E+00	3.03E+00	8.39E+00	U
WG	SG-2	394957006	4/7/2016	H-3	-6.01E+02	4.12E+02	1.45E+03	U
WG	SG-2	394957006	4/7/2016	I-131	3.41E-01	2.86E+00	8.36E+00	U
WG	SG-2	394957006	4/7/2016	K-40	1.27E+01	1.91E+01	6.85E+01	U
WG	SG-2	394957006	4/7/2016	La-140	1.91E+00	2.33E+00	8.27E+00	U
WG	SG-2	394957006	4/7/2016	Mn-54	2.18E+00	1.76E+00	5.65E+00	U
WG	SG-2	394957006	4/7/2016	Nb-95	2.92E-01	1.42E+00	4.76E+00	U
WG	SG-2	394957006	4/7/2016	Ru-103	6.92E-01	1.32E+00	4.40E+00	U
WG	SG-2	394957006	4/7/2016	Ru-106	-3.91E+00	1.13E+01	3.69E+01	U
WG	SG-2	394957006	4/7/2016	Sb-124	-7.45E-01	4.66E+00	1.48E+01	U
WG	SG-2	394957006	4/7/2016	Sb-125	-2.62E+00	4.17E+00	1.29E+01	U
WG	SG-2	394957006	4/7/2016	Se-75	-1.43E+00	1.80E+00	5.71E+00	U
WG	SG-2	394957006	4/7/2016	Th-228	3.80E+00	3.20E+00	1.01E+01	U
WG	SG-2	394957006	4/7/2016	Zn-65	-6.33E+00	3.64E+00	9.07E+00	U
WG	SG-2	394957006	4/7/2016	Zr-95	-3.19E+00	2.84E+00	8.18E+00	U
WG	SG-4	394957007	4/7/2016	Ac-228	2.54E+00	5.92E+00	1.99E+01	U
WG	SG-4	394957007	4/7/2016	Ag-108m	-1.03E+00	1.41E+00	4.33E+00	U
WG	SG-4	394957007	4/7/2016	Ag-110m	-8.41E-01	1.74E+00	5.39E+00	U
WG	SG-4	394957007	4/7/2016	ALPHA	1.72E+00	1.20E+00	3.39E+00	U
WG	SG-4	394957007	4/7/2016	Ba-140	8.51E-01	6.50E+00	2.10E+01	U
WG	SG-4	394957007	4/7/2016	Be-7	4.24E+00	1.04E+01	3.43E+01	U
WG	SG-4	394957007	4/7/2016	BETA	6.63E+00	1.18E+00	2.76E+00	
WG	SG-4	394957007	4/7/2016	Ce-141	6.12E-01	2.76E+00	8.02E+00	U
WG	SG-4	394957007	4/7/2016	Ce-144	-3.51E+01	1.27E+01	2.71E+01	U
WG	SG-4	394957007	4/7/2016	Co-57	-2.78E-01	1.19E+00	3.84E+00	U
WG	SG-4	394957007	4/7/2016	Co-58	-5.22E-03	1.30E+00	4.26E+00	U
WG	SG-4	394957007	4/7/2016	Co-60	-2.58E+00	1.51E+00	3.28E+00	U
WG	SG-4	394957007	4/7/2016	Cr-51	7.32E+00	1.25E+01	4.22E+01	U
WG	SG-4	394957007	4/7/2016	Cs-134	-6.94E-01	1.27E+00	3.93E+00	U
WG	SG-4	394957007	4/7/2016	Cs-137	1.92E+00	1.34E+00	4.48E+00	U
WG	SG-4	394957007	4/7/2016	Fe-59	8.88E-01	2.69E+00	9.04E+00	U
WG	SG-4	394957007	4/7/2016	H-3	-2.56E+02	4.28E+02	1.45E+03	U
WG	SG-4	394957007	4/7/2016	I-131	-3.45E+00	2.59E+00	7.51E+00	U
WG	SG-4	394957007	4/7/2016	K-40	-2.84E+01	1.78E+01	5.00E+01	U
WG	SG-4	394957007	4/7/2016	La-140	1.78E+00	2.43E+00	8.38E+00	U
WG	SG-4	394957007	4/7/2016	Mn-54	-6.91E-01	1.35E+00	4.21E+00	U
WG	SG-4	394957007	4/7/2016	Nb-95	1.39E+00	1.34E+00	4.19E+00	U
WG	SG-4	394957007	4/7/2016	Ru-103	-1.90E-01	1.35E+00	4.29E+00	U
WG	SG-4	394957007	4/7/2016	Ru-106	1.05E+01	1.13E+01	3.94E+01	U
WG	SG-4	394957007	4/7/2016	Sb-124	1.83E+00	3.67E+00	1.28E+01	U
WG	SG-4	394957007	4/7/2016	Sb-125	-3.75E+00	3.77E+00	1.12E+01	U
WG	SG-4	394957007	4/7/2016	Se-75	1.16E+00	1.96E+00	6.67E+00	U
WG	SG-4	394957007	4/7/2016	Th-228	7.54E-01	3.50E+00	8.54E+00	U
WG	SG-4	394957007	4/7/2016	Zn-65	-3.53E-01	3.06E+00	8.67E+00	U
WG	SG-4	394957007	4/7/2016	Zr-95	4.99E+00	2.57E+00	8.74E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-5	394957008	4/7/2016	Ac-228	-1.12E+01	5.59E+00	1.34E+01	U
WG	SG-5	394957008	4/7/2016	Ag-108m	4.84E-01	9.43E-01	3.19E+00	U
WG	SG-5	394957008	4/7/2016	Ag-110m	3.20E-01	1.41E+00	4.78E+00	U
WG	SG-5	394957008	4/7/2016	ALPHA	1.68E+00	1.17E+00	3.11E+00	U
WG	SG-5	394957008	4/7/2016	Ba-140	3.42E+00	5.95E+00	1.99E+01	U
WG	SG-5	394957008	4/7/2016	Be-7	-9.64E+00	1.15E+01	3.27E+01	U
WG	SG-5	394957008	4/7/2016	BETA	7.42E+00	1.34E+00	2.99E+00	
WG	SG-5	394957008	4/7/2016	Ce-141	1.37E+00	2.03E+00	6.64E+00	U
WG	SG-5	394957008	4/7/2016	Ce-144	2.18E+00	7.75E+00	2.53E+01	U
WG	SG-5	394957008	4/7/2016	Co-57	5.06E-01	1.08E+00	3.54E+00	U
WG	SG-5	394957008	4/7/2016	Co-58	-3.74E-01	1.17E+00	3.79E+00	U
WG	SG-5	394957008	4/7/2016	Co-60	-9.90E-01	1.15E+00	3.21E+00	U
WG	SG-5	394957008	4/7/2016	Cr-51	-1.63E+00	1.15E+01	3.80E+01	U
WG	SG-5	394957008	4/7/2016	Cs-134	8.44E-01	1.19E+00	4.07E+00	U
WG	SG-5	394957008	4/7/2016	Cs-137	-5.03E-02	1.15E+00	3.68E+00	U
WG	SG-5	394957008	4/7/2016	Fe-59	-2.86E-03	2.28E+00	7.48E+00	U
WG	SG-5	394957008	4/7/2016	H-3	-1.39E+02	4.36E+02	1.45E+03	U
WG	SG-5	394957008	4/7/2016	I-131	-2.70E+00	2.12E+00	6.21E+00	U
WG	SG-5	394957008	4/7/2016	K-40	1.71E+01	2.13E+01	4.05E+01	U
WG	SG-5	394957008	4/7/2016	La-140	-5.04E+00	2.09E+00	3.05E+00	U
WG	SG-5	394957008	4/7/2016	Mn-54	-3.17E-01	1.10E+00	3.06E+00	U
WG	SG-5	394957008	4/7/2016	Nb-95	8.25E-01	1.08E+00	3.80E+00	U
WG	SG-5	394957008	4/7/2016	Ru-103	-1.71E+00	1.37E+00	3.89E+00	U
WG	SG-5	394957008	4/7/2016	Ru-106	-6.34E+00	1.16E+01	3.54E+01	U
WG	SG-5	394957008	4/7/2016	Sb-124	8.19E-01	2.32E+00	8.07E+00	U
WG	SG-5	394957008	4/7/2016	Sb-125	4.75E-03	2.83E+00	9.32E+00	U
WG	SG-5	394957008	4/7/2016	Se-75	-1.01E+00	1.56E+00	5.04E+00	U
WG	SG-5	394957008	4/7/2016	Th-228	1.13E+00	2.07E+00	6.70E+00	U
WG	SG-5	394957008	4/7/2016	Zn-65	-3.31E+00	2.92E+00	6.73E+00	U
WG	SG-5	394957008	4/7/2016	Zr-95	-1.08E+00	1.99E+00	6.34E+00	U
WG	W-2	395506001	4/14/2016	Ac-228	-1.11E+01	6.59E+00	1.85E+01	U
WG	W-2	395506001	4/14/2016	Ag-108m	9.27E-01	1.49E+00	4.54E+00	U
WG	W-2	395506001	4/14/2016	Ag-110m	2.45E-01	1.90E+00	6.40E+00	U
WG	W-2	395506001	4/14/2016	Ba-140	-2.07E+01	8.38E+00	1.60E+01	U
WG	W-2	395506001	4/14/2016	Be-7	3.75E+00	1.51E+01	4.46E+01	U
WG	W-2	395506001	4/14/2016	Ce-141	1.79E-01	2.75E+00	9.29E+00	U
WG	W-2	395506001	4/14/2016	Ce-144	2.09E+01	1.22E+01	3.63E+01	U
WG	W-2	395506001	4/14/2016	Co-57	-1.37E+00	1.37E+00	4.39E+00	U
WG	W-2	395506001	4/14/2016	Co-58	-2.22E-01	1.55E+00	5.15E+00	U
WG	W-2	395506001	4/14/2016	Co-60	-2.86E+00	1.98E+00	4.82E+00	U
WG	W-2	395506001	4/14/2016	Cr-51	1.14E+01	1.70E+01	4.98E+01	U
WG	W-2	395506001	4/14/2016	Cs-134	6.86E-01	1.99E+00	5.96E+00	U
WG	W-2	395506001	4/14/2016	Cs-137	3.25E+00	1.77E+00	5.53E+00	U
WG	W-2	395506001	4/14/2016	Fe-59	2.39E+00	2.91E+00	1.01E+01	U
WG	W-2	395506001	4/14/2016	H-3	1.54E+02	4.20E+02	1.36E+03	U
WG	W-2	395506001	4/14/2016	I-131	1.44E+00	2.53E+00	8.33E+00	U
WG	W-2	395506001	4/14/2016	K-40	3.97E+00	1.86E+01	5.03E+01	U
WG	W-2	395506001	4/14/2016	La-140	-2.96E+00	2.30E+00	5.83E+00	U
WG	W-2	395506001	4/14/2016	Mn-54	1.30E+00	1.43E+00	5.01E+00	U
WG	W-2	395506001	4/14/2016	Nb-95	4.91E+00	2.18E+00	6.97E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-2	395506001	4/14/2016	Ru-103	-2.53E+00	1.66E+00	4.61E+00	U
WG	W-2	395506001	4/14/2016	Ru-106	-1.28E+01	1.30E+01	3.80E+01	U
WG	W-2	395506001	4/14/2016	Sb-124	1.17E+00	3.87E+00	1.32E+01	U
WG	W-2	395506001	4/14/2016	Sb-125	-8.43E-01	6.09E+00	1.38E+01	U
WG	W-2	395506001	4/14/2016	Se-75	1.41E+00	2.54E+00	7.45E+00	U
WG	W-2	395506001	4/14/2016	Th-228	2.21E+00	5.18E+00	1.22E+01	U
WG	W-2	395506001	4/14/2016	Zn-65	6.01E+00	2.40E+00	8.85E+00	U
WG	W-2	395506001	4/14/2016	Zr-95	1.34E+00	2.20E+00	7.46E+00	U
WG	W-4	395506002	4/14/2016	Ac-228	6.11E-01	5.65E+00	1.70E+01	U
WG	W-4	395506002	4/14/2016	Ag-108m	6.05E-01	1.03E+00	3.54E+00	U
WG	W-4	395506002	4/14/2016	Ag-110m	-2.86E+00	1.81E+00	4.66E+00	U
WG	W-4	395506002	4/14/2016	Ba-140	-8.33E+00	6.37E+00	1.78E+01	U
WG	W-4	395506002	4/14/2016	Be-7	1.79E+00	1.13E+01	3.75E+01	U
WG	W-4	395506002	4/14/2016	Ce-141	2.77E+00	2.33E+00	7.82E+00	U
WG	W-4	395506002	4/14/2016	Ce-144	-1.22E+01	8.83E+00	2.64E+01	U
WG	W-4	395506002	4/14/2016	Co-57	-8.22E-01	1.09E+00	3.52E+00	U
WG	W-4	395506002	4/14/2016	Co-58	3.73E+00	1.30E+00	3.08E+00	UI
WG	W-4	395506002	4/14/2016	Co-60	9.98E-03	1.35E+00	4.52E+00	U
WG	W-4	395506002	4/14/2016	Cr-51	1.32E+00	1.07E+01	3.66E+01	U
WG	W-4	395506002	4/14/2016	Cs-134	-2.46E-02	1.57E+00	4.38E+00	U
WG	W-4	395506002	4/14/2016	Cs-137	2.60E-01	1.28E+00	3.97E+00	U
WG	W-4	395506002	4/14/2016	Fe-59	-2.15E+00	2.97E+00	8.88E+00	U
WG	W-4	395506002	4/14/2016	H-3	2.37E+02	3.94E+02	1.26E+03	U
WG	W-4	395506002	4/14/2016	I-131	-1.56E+00	1.95E+00	6.13E+00	U
WG	W-4	395506002	4/14/2016	K-40	3.34E+01	1.62E+01	4.16E+01	U
WG	W-4	395506002	4/14/2016	La-140	-8.08E-01	2.25E+00	7.07E+00	U
WG	W-4	395506002	4/14/2016	Mn-54	1.05E+00	1.19E+00	4.18E+00	U
WG	W-4	395506002	4/14/2016	Nb-95	-9.22E-01	1.30E+00	4.06E+00	U
WG	W-4	395506002	4/14/2016	Ru-103	-1.99E+00	1.53E+00	4.37E+00	U
WG	W-4	395506002	4/14/2016	Ru-106	-8.72E-01	1.10E+01	3.54E+01	U
WG	W-4	395506002	4/14/2016	Sb-124	9.00E-01	3.18E+00	1.08E+01	U
WG	W-4	395506002	4/14/2016	Sb-125	-4.01E+00	3.79E+00	1.14E+01	U
WG	W-4	395506002	4/14/2016	Se-75	-2.29E-01	1.73E+00	5.50E+00	U
WG	W-4	395506002	4/14/2016	Th-228	-2.64E-01	3.05E+00	9.01E+00	U
WG	W-4	395506002	4/14/2016	Zn-65	2.35E+00	2.86E+00	8.89E+00	U
WG	W-4	395506002	4/14/2016	Zr-95	-2.31E+00	2.44E+00	7.40E+00	U
WG	W-5	395506003	4/14/2016	Ac-228	6.97E+00	7.39E+00	1.96E+01	U
WG	W-5	395506003	4/14/2016	Ag-108m	1.87E-01	1.17E+00	3.83E+00	U
WG	W-5	395506003	4/14/2016	Ag-110m	-1.89E+00	2.00E+00	5.86E+00	U
WG	W-5	395506003	4/14/2016	Ba-140	1.45E+01	7.11E+00	2.19E+01	U
WG	W-5	395506003	4/14/2016	Be-7	-4.56E+00	9.62E+00	2.96E+01	U
WG	W-5	395506003	4/14/2016	Ce-141	1.29E+00	2.82E+00	8.30E+00	U
WG	W-5	395506003	4/14/2016	Ce-144	4.74E+01	1.75E+01	3.16E+01	UI
WG	W-5	395506003	4/14/2016	Co-57	1.90E+00	1.26E+00	4.04E+00	U
WG	W-5	395506003	4/14/2016	Co-58	8.94E-01	1.38E+00	4.72E+00	U
WG	W-5	395506003	4/14/2016	Co-60	-9.41E-01	1.57E+00	4.86E+00	U
WG	W-5	395506003	4/14/2016	Cr-51	2.17E+01	1.35E+01	4.50E+01	U
WG	W-5	395506003	4/14/2016	Cs-134	-4.09E-01	1.42E+00	4.27E+00	U
WG	W-5	395506003	4/14/2016	Cs-137	-3.80E-01	1.56E+00	4.40E+00	U
WG	W-5	395506003	4/14/2016	Fe-59	-1.29E+00	2.61E+00	7.97E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-5	395506003	4/14/2016	H-3	4.61E+02	4.23E+02	1.32E+03	U
WG	W-5	395506003	4/14/2016	I-131	1.53E+00	2.09E+00	7.05E+00	U
WG	W-5	395506003	4/14/2016	K-40	-1.49E+01	1.94E+01	6.28E+01	U
WG	W-5	395506003	4/14/2016	La-140	1.31E+00	2.00E+00	7.00E+00	U
WG	W-5	395506003	4/14/2016	Mn-54	-2.29E+00	1.51E+00	3.09E+00	U
WG	W-5	395506003	4/14/2016	Nb-95	4.50E-01	1.30E+00	4.40E+00	U
WG	W-5	395506003	4/14/2016	Ru-103	-2.18E+00	1.60E+00	4.29E+00	U
WG	W-5	395506003	4/14/2016	Ru-106	-1.03E+01	1.06E+01	3.19E+01	U
WG	W-5	395506003	4/14/2016	Sb-124	1.09E+00	2.88E+00	9.85E+00	U
WG	W-5	395506003	4/14/2016	Sb-125	3.64E+00	3.97E+00	1.33E+01	U
WG	W-5	395506003	4/14/2016	Se-75	3.96E+00	2.07E+00	6.76E+00	U
WG	W-5	395506003	4/14/2016	Th-228	5.38E+00	3.38E+00	7.90E+00	U
WG	W-5	395506003	4/14/2016	Zn-65	1.74E+00	2.92E+00	8.79E+00	U
WG	W-5	395506003	4/14/2016	Zr-95	-7.25E-01	2.52E+00	7.78E+00	U
WG	W-6	395506004	4/14/2016	Ac-228	-1.61E-01	6.15E+00	1.92E+01	U
WG	W-6	395506004	4/14/2016	Ag-108m	-4.66E-02	1.30E+00	4.14E+00	U
WG	W-6	395506004	4/14/2016	Ag-110m	-1.67E+00	1.73E+00	4.96E+00	U
WG	W-6	395506004	4/14/2016	Ba-140	4.59E-01	6.42E+00	1.88E+01	U
WG	W-6	395506004	4/14/2016	Be-7	-6.77E+00	1.28E+01	4.15E+01	U
WG	W-6	395506004	4/14/2016	Ce-141	5.95E-01	2.92E+00	9.19E+00	U
WG	W-6	395506004	4/14/2016	Ce-144	-3.57E+00	1.22E+01	3.55E+01	U
WG	W-6	395506004	4/14/2016	Co-57	-1.73E+00	1.60E+00	4.64E+00	U
WG	W-6	395506004	4/14/2016	Co-58	-1.15E+00	1.43E+00	4.30E+00	U
WG	W-6	395506004	4/14/2016	Co-60	-1.08E+00	1.22E+00	3.51E+00	U
WG	W-6	395506004	4/14/2016	Cr-51	-1.58E+01	1.71E+01	4.42E+01	U
WG	W-6	395506004	4/14/2016	Cs-134	-1.76E-01	1.38E+00	4.47E+00	U
WG	W-6	395506004	4/14/2016	Cs-137	7.83E-01	1.55E+00	5.26E+00	U
WG	W-6	395506004	4/14/2016	Fe-59	-1.29E+00	2.77E+00	7.44E+00	U
WG	W-6	395506004	4/14/2016	H-3	7.74E+02	4.56E+02	1.37E+03	U
WG	W-6	395506004	4/14/2016	I-131	1.09E+00	2.35E+00	7.74E+00	U
WG	W-6	395506004	4/14/2016	K-40	-1.46E+01	2.16E+01	6.04E+01	U
WG	W-6	395506004	4/14/2016	La-140	4.56E+00	2.34E+00	8.47E+00	U
WG	W-6	395506004	4/14/2016	Mn-54	-4.85E-01	1.33E+00	4.20E+00	U
WG	W-6	395506004	4/14/2016	Nb-95	1.45E+00	1.32E+00	4.55E+00	U
WG	W-6	395506004	4/14/2016	Ru-103	-1.94E+00	1.49E+00	4.38E+00	U
WG	W-6	395506004	4/14/2016	Ru-106	1.38E+01	1.24E+01	4.30E+01	U
WG	W-6	395506004	4/14/2016	Sb-124	-1.65E-01	3.08E+00	1.00E+01	U
WG	W-6	395506004	4/14/2016	Sb-125	3.29E-01	4.00E+00	1.29E+01	U
WG	W-6	395506004	4/14/2016	Se-75	-7.31E-01	2.39E+00	6.70E+00	U
WG	W-6	395506004	4/14/2016	Th-228	1.12E+00	3.94E+00	8.59E+00	U
WG	W-6	395506004	4/14/2016	Zn-65	-3.90E-01	4.47E+00	7.91E+00	U
WG	W-6	395506004	4/14/2016	Zr-95	-1.39E+00	2.37E+00	7.35E+00	U
WG	W-1	400508001	6/28/2016	Ac-228	1.31E+00	3.34E+00	7.26E+00	U
WG	W-1	400508001	6/28/2016	Ag-108m	3.85E-01	5.30E-01	1.54E+00	U
WG	W-1	400508001	6/28/2016	Ag-110m	1.32E-01	7.27E-01	2.41E+00	U
WG	W-1	400508001	6/28/2016	Ba-140	8.11E-02	3.09E+00	1.01E+01	U
WG	W-1	400508001	6/28/2016	Be-7	4.50E+00	8.43E+00	1.58E+01	U
WG	W-1	400508001	6/28/2016	Ce-141	3.39E-02	1.33E+00	3.01E+00	U
WG	W-1	400508001	6/28/2016	Ce-144	6.69E+00	3.07E+00	1.01E+01	U
WG	W-1	400508001	6/28/2016	Co-57	1.13E-01	3.97E-01	1.26E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-1	400508001	6/28/2016	Co-58	5.11E-01	5.61E-01	1.79E+00	U
WG	W-1	400508001	6/28/2016	Co-60	-6.33E-01	5.75E-01	1.76E+00	U
WG	W-1	400508001	6/28/2016	Cr-51	-1.53E+00	6.12E+00	1.70E+01	U
WG	W-1	400508001	6/28/2016	Cs-134	3.77E-01	6.64E-01	1.92E+00	U
WG	W-1	400508001	6/28/2016	Cs-137	4.43E-01	5.49E-01	1.77E+00	U
WG	W-1	400508001	6/28/2016	Fe-59	1.62E+00	1.25E+00	3.99E+00	U
WG	W-1	400508001	6/28/2016	H-3	2.61E+02	4.75E+02	1.51E+03	U
WG	W-1	400508001	6/28/2016	I-131	1.66E+00	1.28E+00	4.21E+00	U
WG	W-1	400508001	6/28/2016	K-40	2.45E+00	1.11E+01	1.62E+01	U
WG	W-1	400508001	6/28/2016	La-140	1.28E+00	1.12E+00	3.67E+00	U
WG	W-1	400508001	6/28/2016	Mn-54	-3.51E-01	5.38E-01	1.73E+00	U
WG	W-1	400508001	6/28/2016	Nb-95	1.09E+00	5.98E-01	1.89E+00	U
WG	W-1	400508001	6/28/2016	Ru-103	-1.05E+00	6.46E-01	1.90E+00	U
WG	W-1	400508001	6/28/2016	Ru-106	-8.97E+00	5.19E+00	1.46E+01	U
WG	W-1	400508001	6/28/2016	Sb-124	-3.95E-01	1.39E+00	4.60E+00	U
WG	W-1	400508001	6/28/2016	Sb-125	-4.79E-01	1.55E+00	4.43E+00	U
WG	W-1	400508001	6/28/2016	Se-75	3.50E-01	6.91E-01	2.25E+00	U
WG	W-1	400508001	6/28/2016	Th-228	1.67E+00	1.93E+00	2.86E+00	U
WG	W-1	400508001	6/28/2016	Zn-65	1.45E+00	1.36E+00	3.81E+00	U
WG	W-1	400508001	6/28/2016	Zr-95	1.18E-01	9.50E-01	3.18E+00	U
WG	W-2	400508002	6/29/2016	Ac-228	1.24E+00	3.78E+00	5.24E+00	U
WG	W-2	400508002	6/29/2016	Ag-108m	1.41E-02	3.92E-01	1.26E+00	U
WG	W-2	400508002	6/29/2016	Ag-110m	-3.39E-01	5.82E-01	1.83E+00	U
WG	W-2	400508002	6/29/2016	Ba-140	1.71E+00	3.92E+00	8.34E+00	U
WG	W-2	400508002	6/29/2016	Be-7	-1.40E+00	3.78E+00	1.26E+01	U
WG	W-2	400508002	6/29/2016	Ce-141	8.57E-01	1.29E+00	2.60E+00	U
WG	W-2	400508002	6/29/2016	Ce-144	9.24E-01	2.97E+00	9.50E+00	U
WG	W-2	400508002	6/29/2016	Co-57	-1.82E-02	3.81E-01	1.22E+00	U
WG	W-2	400508002	6/29/2016	Co-58	-1.92E-01	4.49E-01	1.44E+00	U
WG	W-2	400508002	6/29/2016	Co-60	2.17E-01	4.77E-01	1.57E+00	U
WG	W-2	400508002	6/29/2016	Cr-51	3.62E+00	4.42E+00	1.44E+01	U
WG	W-2	400508002	6/29/2016	Cs-134	6.15E-02	6.61E-01	1.62E+00	U
WG	W-2	400508002	6/29/2016	Cs-137	6.57E-01	4.68E-01	1.51E+00	U
WG	W-2	400508002	6/29/2016	Fe-59	4.66E-01	9.48E-01	3.17E+00	U
WG	W-2	400508002	6/29/2016	H-3	7.32E+02	4.94E+02	1.47E+03	U
WG	W-2	400508002	6/29/2016	I-131	2.71E-01	9.91E-01	3.23E+00	U
WG	W-2	400508002	6/29/2016	K-40	5.98E+00	1.02E+01	1.39E+01	U
WG	W-2	400508002	6/29/2016	La-140	1.11E+00	8.42E-01	2.80E+00	U
WG	W-2	400508002	6/29/2016	Mn-54	3.52E-01	4.27E-01	1.36E+00	U
WG	W-2	400508002	6/29/2016	Nb-95	-2.85E-01	4.79E-01	1.53E+00	U
WG	W-2	400508002	6/29/2016	Ru-103	4.25E-01	5.08E-01	1.70E+00	U
WG	W-2	400508002	6/29/2016	Ru-106	-5.34E-01	4.08E+00	1.35E+01	U
WG	W-2	400508002	6/29/2016	Sb-124	-1.67E+00	1.04E+00	2.98E+00	U
WG	W-2	400508002	6/29/2016	Sb-125	-1.17E+00	1.26E+00	3.88E+00	U
WG	W-2	400508002	6/29/2016	Se-75	8.22E-01	6.03E-01	1.93E+00	U
WG	W-2	400508002	6/29/2016	Th-228	2.11E+00	1.41E+00	2.62E+00	U
WG	W-2	400508002	6/29/2016	Zn-65	-6.29E+00	1.98E+00	2.89E+00	U
WG	W-2	400508002	6/29/2016	Zr-95	-8.21E-01	8.81E-01	2.75E+00	U
WG	W-3	400508003	6/29/2016	Ac-228	3.25E+00	3.34E+00	5.02E+00	U
WG	W-3	400508003	6/29/2016	Ag-108m	8.86E-01	4.36E-01	1.34E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-3	400508003	6/29/2016	Ag-110m	-1.57E-01	7.40E-01	1.81E+00	U
WG	W-3	400508003	6/29/2016	Ba-140	-1.30E+01	6.45E+00	8.32E+00	U
WG	W-3	400508003	6/29/2016	Be-7	3.00E+00	3.76E+00	1.26E+01	U
WG	W-3	400508003	6/29/2016	Ce-141	6.09E-01	1.10E+00	2.86E+00	U
WG	W-3	400508003	6/29/2016	Ce-144	-4.59E+00	3.18E+00	9.92E+00	U
WG	W-3	400508003	6/29/2016	Co-57	5.81E-02	3.95E-01	1.34E+00	U
WG	W-3	400508003	6/29/2016	Co-58	6.30E-01	4.45E-01	1.42E+00	U
WG	W-3	400508003	6/29/2016	Co-60	-1.64E-01	4.26E-01	1.36E+00	U
WG	W-3	400508003	6/29/2016	Cr-51	6.16E+00	4.75E+00	1.50E+01	U
WG	W-3	400508003	6/29/2016	Cs-134	1.56E+00	5.85E-01	1.61E+00	U
WG	W-3	400508003	6/29/2016	Cs-137	1.72E+00	9.42E-01	1.37E+00	UI
WG	W-3	400508003	6/29/2016	Fe-59	-6.03E-01	9.40E-01	3.02E+00	U
WG	W-3	400508003	6/29/2016	H-3	9.40E+02	5.20E+02	1.52E+03	U
WG	W-3	400508003	6/29/2016	I-131	3.48E-01	1.05E+00	3.27E+00	U
WG	W-3	400508003	6/29/2016	K-40	-3.10E+00	8.01E+00	1.97E+01	U
WG	W-3	400508003	6/29/2016	La-140	-3.79E-02	8.18E-01	2.74E+00	U
WG	W-3	400508003	6/29/2016	Mn-54	-1.28E+00	8.27E-01	1.38E+00	U
WG	W-3	400508003	6/29/2016	Nb-95	-1.24E+00	7.66E-01	1.40E+00	U
WG	W-3	400508003	6/29/2016	Ru-103	1.94E-02	5.34E-01	1.55E+00	U
WG	W-3	400508003	6/29/2016	Ru-106	-2.54E+00	3.97E+00	1.27E+01	U
WG	W-3	400508003	6/29/2016	Sb-124	-7.13E-01	1.01E+00	3.20E+00	U
WG	W-3	400508003	6/29/2016	Sb-125	4.75E-03	1.18E+00	3.96E+00	U
WG	W-3	400508003	6/29/2016	Se-75	-8.50E-01	6.64E-01	2.03E+00	U
WG	W-3	400508003	6/29/2016	Th-228	3.26E+00	1.74E+00	3.20E+00	UI
WG	W-3	400508003	6/29/2016	Zn-65	6.53E-01	1.03E+00	2.99E+00	U
WG	W-3	400508003	6/29/2016	Zr-95	1.94E-01	7.63E-01	2.49E+00	U
WG	W-7	400508004	6/28/2016	Ac-228	-3.62E+00	2.69E+00	5.90E+00	U
WG	W-7	400508004	6/28/2016	Ag-108m	-4.80E-01	4.07E-01	1.26E+00	U
WG	W-7	400508004	6/28/2016	Ag-110m	1.41E+00	6.58E-01	1.86E+00	U
WG	W-7	400508004	6/28/2016	Ba-140	1.63E+00	2.76E+00	9.01E+00	U
WG	W-7	400508004	6/28/2016	Be-7	-1.27E+00	4.08E+00	1.33E+01	U
WG	W-7	400508004	6/28/2016	Ce-141	8.41E-01	1.45E+00	2.78E+00	U
WG	W-7	400508004	6/28/2016	Ce-144	-5.00E-01	3.18E+00	1.03E+01	U
WG	W-7	400508004	6/28/2016	Co-57	1.74E-01	4.14E-01	1.34E+00	U
WG	W-7	400508004	6/28/2016	Co-58	-1.85E-01	4.17E-01	1.38E+00	U
WG	W-7	400508004	6/28/2016	Co-60	-8.96E-01	9.87E-01	1.41E+00	U
WG	W-7	400508004	6/28/2016	Cr-51	1.77E+00	4.50E+00	1.51E+01	U
WG	W-7	400508004	6/28/2016	Cs-134	5.84E-01	4.80E-01	1.60E+00	U
WG	W-7	400508004	6/28/2016	Cs-137	-1.71E-01	4.86E-01	1.55E+00	U
WG	W-7	400508004	6/28/2016	Fe-59	-7.47E-01	8.61E-01	2.70E+00	U
WG	W-7	400508004	6/28/2016	H-3	9.86E+02	5.09E+02	1.47E+03	U
WG	W-7	400508004	6/28/2016	I-131	-1.08E+00	1.54E+00	3.48E+00	U
WG	W-7	400508004	6/28/2016	K-40	-1.28E+01	8.63E+00	1.84E+01	U
WG	W-7	400508004	6/28/2016	La-140	-3.57E-01	7.74E-01	2.54E+00	U
WG	W-7	400508004	6/28/2016	Mn-54	-3.13E-01	4.06E-01	1.32E+00	U
WG	W-7	400508004	6/28/2016	Nb-95	8.35E-01	7.62E-01	1.39E+00	U
WG	W-7	400508004	6/28/2016	Ru-103	-3.01E-01	5.76E-01	1.61E+00	U
WG	W-7	400508004	6/28/2016	Ru-106	5.05E-01	4.53E+00	1.28E+01	U
WG	W-7	400508004	6/28/2016	Sb-124	-1.01E+00	1.07E+00	3.38E+00	U
WG	W-7	400508004	6/28/2016	Sb-125	4.62E-01	1.20E+00	3.96E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-7	400508004	6/28/2016	Se-75	4.81E-02	6.10E-01	2.06E+00	U
WG	W-7	400508004	6/28/2016	Th-228	7.92E-01	1.45E+00	2.68E+00	U
WG	W-7	400508004	6/28/2016	Zn-65	-2.89E+00	1.13E+00	2.73E+00	U
WG	W-7	400508004	6/28/2016	Zr-95	-6.57E-01	7.50E-01	2.42E+00	U
WG	W-8	400508005	6/29/2016	Ac-228	1.25E+00	3.89E+00	6.06E+00	U
WG	W-8	400508005	6/29/2016	Ag-108m	4.93E-01	4.15E-01	1.31E+00	U
WG	W-8	400508005	6/29/2016	Ag-110m	5.48E-01	6.04E-01	1.95E+00	U
WG	W-8	400508005	6/29/2016	Ba-140	-7.60E-01	2.93E+00	9.73E+00	U
WG	W-8	400508005	6/29/2016	Be-7	4.20E-02	3.95E+00	1.33E+01	U
WG	W-8	400508005	6/29/2016	Ce-141	5.11E-01	9.06E-01	2.88E+00	U
WG	W-8	400508005	6/29/2016	Ce-144	-8.88E-01	2.93E+00	9.29E+00	U
WG	W-8	400508005	6/29/2016	Co-57	4.16E-01	3.90E-01	1.23E+00	U
WG	W-8	400508005	6/29/2016	Co-58	-9.02E-01	4.89E-01	1.35E+00	U
WG	W-8	400508005	6/29/2016	Co-60	2.82E-01	4.14E-01	1.37E+00	U
WG	W-8	400508005	6/29/2016	Cr-51	-7.66E+00	5.04E+00	1.50E+01	U
WG	W-8	400508005	6/29/2016	Cs-134	8.00E-01	5.38E-01	1.56E+00	U
WG	W-8	400508005	6/29/2016	Cs-137	1.19E+00	6.13E-01	1.45E+00	U
WG	W-8	400508005	6/29/2016	Fe-59	2.07E-01	9.05E-01	3.02E+00	U
WG	W-8	400508005	6/29/2016	H-3	5.76E+02	4.93E+02	1.51E+03	U
WG	W-8	400508005	6/29/2016	I-131	3.45E-01	1.34E+00	4.38E+00	U
WG	W-8	400508005	6/29/2016	K-40	1.18E+01	9.32E+00	1.27E+01	U
WG	W-8	400508005	6/29/2016	La-140	-1.87E-01	1.12E+00	3.20E+00	U
WG	W-8	400508005	6/29/2016	Mn-54	-6.88E-01	5.13E-01	1.29E+00	U
WG	W-8	400508005	6/29/2016	Nb-95	-6.84E-01	7.40E-01	1.52E+00	U
WG	W-8	400508005	6/29/2016	Ru-103	-1.37E+00	5.98E-01	1.62E+00	U
WG	W-8	400508005	6/29/2016	Ru-106	-4.56E-01	3.91E+00	1.29E+01	U
WG	W-8	400508005	6/29/2016	Sb-124	5.81E-01	1.10E+00	3.22E+00	U
WG	W-8	400508005	6/29/2016	Sb-125	-5.99E-01	1.19E+00	3.77E+00	U
WG	W-8	400508005	6/29/2016	Se-75	2.87E-01	5.95E-01	1.97E+00	U
WG	W-8	400508005	6/29/2016	Th-228	-2.46E+00	1.34E+00	2.88E+00	U
WG	W-8	400508005	6/29/2016	Zn-65	4.37E-01	9.45E-01	2.74E+00	U
WG	W-8	400508005	6/29/2016	Zr-95	-1.18E-01	8.19E-01	2.67E+00	U
WG	W-9	400508006	6/29/2016	Ac-228	-4.05E+00	3.48E+00	6.92E+00	U
WG	W-9	400508006	6/29/2016	Ag-108m	1.88E-01	4.40E-01	1.42E+00	U
WG	W-9	400508006	6/29/2016	Ag-110m	2.76E-01	6.17E-01	2.03E+00	U
WG	W-9	400508006	6/29/2016	Ba-140	-8.02E-01	2.60E+00	8.63E+00	U
WG	W-9	400508006	6/29/2016	Be-7	-2.11E+00	7.46E+00	1.42E+01	U
WG	W-9	400508006	6/29/2016	Ce-141	1.48E+00	1.62E+00	3.04E+00	U
WG	W-9	400508006	6/29/2016	Ce-144	2.43E-03	3.51E+00	1.18E+01	U
WG	W-9	400508006	6/29/2016	Co-57	-5.64E-01	4.78E-01	1.53E+00	U
WG	W-9	400508006	6/29/2016	Co-58	6.69E-02	4.37E-01	1.44E+00	U
WG	W-9	400508006	6/29/2016	Co-60	-1.79E-01	4.93E-01	1.61E+00	U
WG	W-9	400508006	6/29/2016	Cr-51	2.31E+00	5.62E+00	1.69E+01	U
WG	W-9	400508006	6/29/2016	Cs-134	3.00E-01	4.97E-01	1.64E+00	U
WG	W-9	400508006	6/29/2016	Cs-137	7.41E-01	5.17E-01	1.67E+00	U
WG	W-9	400508006	6/29/2016	Fe-59	-5.48E-01	9.36E-01	3.06E+00	U
WG	W-9	400508006	6/29/2016	H-3	7.32E+02	4.94E+02	1.47E+03	U
WG	W-9	400508006	6/29/2016	I-131	-1.24E+00	1.10E+00	3.32E+00	U
WG	W-9	400508006	6/29/2016	K-40	4.93E+01	1.04E+01	1.47E+01	
WG	W-9	400508006	6/29/2016	La-140	8.13E-01	9.80E-01	3.26E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-9	400508006	6/29/2016	Mn-54	1.56E-01	4.66E-01	1.53E+00	U
WG	W-9	400508006	6/29/2016	Nb-95	-3.77E-01	4.94E-01	1.56E+00	U
WG	W-9	400508006	6/29/2016	Ru-103	-5.85E-01	6.14E-01	1.70E+00	U
WG	W-9	400508006	6/29/2016	Ru-106	7.45E-01	4.54E+00	1.32E+01	U
WG	W-9	400508006	6/29/2016	Sb-124	-3.00E-01	1.11E+00	3.57E+00	U
WG	W-9	400508006	6/29/2016	Sb-125	2.99E-01	1.35E+00	4.33E+00	U
WG	W-9	400508006	6/29/2016	Se-75	1.22E+00	7.45E-01	2.31E+00	U
WG	W-9	400508006	6/29/2016	Th-228	6.75E+00	2.41E+00	3.53E+00	UI
WG	W-9	400508006	6/29/2016	Zn-65	-5.52E-01	1.12E+00	3.16E+00	U
WG	W-9	400508006	6/29/2016	Zr-95	-8.63E-01	8.60E-01	2.67E+00	U
WG	W-10	400508007	6/28/2016	Ac-228	-1.95E+00	3.69E+00	6.81E+00	U
WG	W-10	400508007	6/28/2016	Ag-108m	-2.29E-01	4.11E-01	1.31E+00	U
WG	W-10	400508007	6/28/2016	Ag-110m	6.80E-01	6.52E-01	1.96E+00	U
WG	W-10	400508007	6/28/2016	Ba-140	3.65E+00	3.02E+00	9.64E+00	U
WG	W-10	400508007	6/28/2016	Be-7	6.57E+00	4.45E+00	1.41E+01	U
WG	W-10	400508007	6/28/2016	Ce-141	2.79E+00	1.20E+00	3.04E+00	U
WG	W-10	400508007	6/28/2016	Ce-144	-2.63E+00	3.33E+00	1.04E+01	U
WG	W-10	400508007	6/28/2016	Co-57	1.03E-01	4.33E-01	1.40E+00	U
WG	W-10	400508007	6/28/2016	Co-58	1.22E+00	5.43E-01	1.53E+00	U
WG	W-10	400508007	6/28/2016	Co-60	1.49E-01	4.53E-01	1.53E+00	U
WG	W-10	400508007	6/28/2016	Cr-51	3.66E+00	5.16E+00	1.59E+01	U
WG	W-10	400508007	6/28/2016	Cs-134	4.95E-01	5.16E-01	1.71E+00	U
WG	W-10	400508007	6/28/2016	Cs-137	-9.56E-02	4.87E-01	1.63E+00	U
WG	W-10	400508007	6/28/2016	Fe-59	5.61E-01	9.79E-01	3.21E+00	U
WG	W-10	400508007	6/28/2016	H-3	-1.47E+01	4.64E+02	1.53E+03	U
WG	W-10	400508007	6/28/2016	I-131	-4.61E-01	1.15E+00	3.76E+00	U
WG	W-10	400508007	6/28/2016	K-40	2.49E+00	9.93E+00	1.32E+01	U
WG	W-10	400508007	6/28/2016	La-140	2.28E-01	8.95E-01	2.98E+00	U
WG	W-10	400508007	6/28/2016	Mn-54	3.42E-01	4.35E-01	1.45E+00	U
WG	W-10	400508007	6/28/2016	Nb-95	-1.95E+00	1.04E+00	1.69E+00	U
WG	W-10	400508007	6/28/2016	Ru-103	-1.15E-01	5.35E-01	1.72E+00	U
WG	W-10	400508007	6/28/2016	Ru-106	-2.71E+00	4.03E+00	1.32E+01	U
WG	W-10	400508007	6/28/2016	Sb-124	4.84E-01	1.14E+00	3.78E+00	U
WG	W-10	400508007	6/28/2016	Sb-125	-8.47E-02	1.28E+00	4.16E+00	U
WG	W-10	400508007	6/28/2016	Se-75	8.89E-01	7.36E-01	2.14E+00	U
WG	W-10	400508007	6/28/2016	Th-228	-1.04E+00	1.30E+00	3.38E+00	U
WG	W-10	400508007	6/28/2016	Zn-65	-2.67E+00	1.15E+00	2.85E+00	U
WG	W-10	400508007	6/28/2016	Zr-95	1.33E+00	1.09E+00	2.76E+00	U
WG	W-11	400508008	6/28/2016	Ac-228	7.95E-01	5.39E+00	1.02E+01	U
WG	W-11	400508008	6/28/2016	Ag-108m	1.11E+00	6.24E-01	1.98E+00	U
WG	W-11	400508008	6/28/2016	Ag-110m	-5.69E-01	1.06E+00	2.94E+00	U
WG	W-11	400508008	6/28/2016	Ba-140	-7.17E+00	6.93E+00	1.27E+01	U
WG	W-11	400508008	6/28/2016	Be-7	-5.10E+00	5.97E+00	1.88E+01	U
WG	W-11	400508008	6/28/2016	Ce-141	-2.05E-01	1.24E+00	3.66E+00	U
WG	W-11	400508008	6/28/2016	Ce-144	2.73E+00	4.00E+00	1.33E+01	U
WG	W-11	400508008	6/28/2016	Co-57	1.76E-02	5.04E-01	1.69E+00	U
WG	W-11	400508008	6/28/2016	Co-58	-7.72E-01	7.18E-01	2.23E+00	U
WG	W-11	400508008	6/28/2016	Co-60	1.49E-01	6.68E-01	2.26E+00	U
WG	W-11	400508008	6/28/2016	Cr-51	-3.40E+00	6.40E+00	2.13E+01	U
WG	W-11	400508008	6/28/2016	Cs-134	7.83E-01	7.69E-01	2.59E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-11	400508008	6/28/2016	Cs-137	3.13E-01	7.15E-01	2.32E+00	U
WG	W-11	400508008	6/28/2016	Fe-59	1.97E+00	1.56E+00	5.14E+00	U
WG	W-11	400508008	6/28/2016	H-3	4.74E+01	4.62E+02	1.51E+03	U
WG	W-11	400508008	6/28/2016	I-131	-8.95E-01	1.47E+00	4.82E+00	U
WG	W-11	400508008	6/28/2016	K-40	2.43E+00	1.90E+01	2.15E+01	U
WG	W-11	400508008	6/28/2016	La-140	-3.04E+00	1.64E+00	4.32E+00	U
WG	W-11	400508008	6/28/2016	Mn-54	-9.38E-01	7.20E-01	2.18E+00	U
WG	W-11	400508008	6/28/2016	Nb-95	-1.98E-01	7.16E-01	2.38E+00	U
WG	W-11	400508008	6/28/2016	Ru-103	3.03E-01	1.13E+00	2.39E+00	U
WG	W-11	400508008	6/28/2016	Ru-106	3.97E-01	5.95E+00	1.92E+01	U
WG	W-11	400508008	6/28/2016	Sb-124	2.04E-01	1.77E+00	5.85E+00	U
WG	W-11	400508008	6/28/2016	Sb-125	-1.67E+00	1.79E+00	5.64E+00	U
WG	W-11	400508008	6/28/2016	Se-75	-2.52E-01	8.48E-01	2.68E+00	U
WG	W-11	400508008	6/28/2016	Th-228	-2.35E+00	2.13E+00	4.42E+00	U
WG	W-11	400508008	6/28/2016	Zn-65	-1.76E+00	1.67E+00	4.20E+00	U
WG	W-11	400508008	6/28/2016	Zr-95	-1.22E+00	1.30E+00	4.13E+00	U
WG	W-12	400508009	6/28/2016	Ac-228	5.47E+00	4.57E+00	7.18E+00	U
WG	W-12	400508009	6/28/2016	Ag-108m	-8.94E-01	5.08E-01	1.47E+00	U
WG	W-12	400508009	6/28/2016	Ag-110m	9.06E-01	8.04E-01	2.68E+00	U
WG	W-12	400508009	6/28/2016	Ba-140	-5.17E+00	3.63E+00	1.08E+01	U
WG	W-12	400508009	6/28/2016	Be-7	-7.73E+00	5.42E+00	1.58E+01	U
WG	W-12	400508009	6/28/2016	Ce-141	3.42E+00	1.29E+00	3.36E+00	UI
WG	W-12	400508009	6/28/2016	Ce-144	-7.19E-01	3.28E+00	1.08E+01	U
WG	W-12	400508009	6/28/2016	Co-57	3.05E-01	4.17E-01	1.37E+00	U
WG	W-12	400508009	6/28/2016	Co-58	6.06E-01	6.46E-01	2.08E+00	U
WG	W-12	400508009	6/28/2016	Co-60	-4.14E-01	6.57E-01	2.06E+00	U
WG	W-12	400508009	6/28/2016	Cr-51	-1.18E+01	7.81E+00	1.77E+01	U
WG	W-12	400508009	6/28/2016	Cs-134	-7.48E-02	6.54E-01	2.03E+00	U
WG	W-12	400508009	6/28/2016	Cs-137	-5.48E-01	6.43E-01	2.00E+00	U
WG	W-12	400508009	6/28/2016	Fe-59	-1.05E+00	1.20E+00	3.74E+00	U
WG	W-12	400508009	6/28/2016	H-3	8.91E+02	5.14E+02	1.51E+03	U
WG	W-12	400508009	6/28/2016	I-131	1.31E+00	1.37E+00	4.02E+00	U
WG	W-12	400508009	6/28/2016	K-40	3.19E+01	1.19E+01	1.97E+01	
WG	W-12	400508009	6/28/2016	La-140	1.35E+00	1.26E+00	4.24E+00	U
WG	W-12	400508009	6/28/2016	Mn-54	-1.16E+00	6.64E-01	1.93E+00	U
WG	W-12	400508009	6/28/2016	Nb-95	-8.07E-01	8.00E-01	2.11E+00	U
WG	W-12	400508009	6/28/2016	Ru-103	-7.93E-01	6.76E-01	2.08E+00	U
WG	W-12	400508009	6/28/2016	Ru-106	2.65E+00	5.25E+00	1.72E+01	U
WG	W-12	400508009	6/28/2016	Sb-124	-8.34E-01	1.49E+00	4.79E+00	U
WG	W-12	400508009	6/28/2016	Sb-125	-2.50E+00	1.55E+00	4.58E+00	U
WG	W-12	400508009	6/28/2016	Se-75	2.20E-01	6.97E-01	2.25E+00	U
WG	W-12	400508009	6/28/2016	Th-228	5.93E+00	1.68E+00	2.95E+00	
WG	W-12	400508009	6/28/2016	Zn-65	-9.69E-01	1.28E+00	4.01E+00	U
WG	W-12	400508009	6/28/2016	Zr-95	-1.10E+00	1.14E+00	3.46E+00	U
WG	W-13	400508010	6/28/2016	Ac-228	-2.60E-01	3.32E+00	7.88E+00	U
WG	W-13	400508010	6/28/2016	Ag-108m	5.12E-01	5.06E-01	1.66E+00	U
WG	W-13	400508010	6/28/2016	Ag-110m	7.32E-01	7.82E-01	2.46E+00	U
WG	W-13	400508010	6/28/2016	Ba-140	4.61E+00	3.40E+00	1.09E+01	U
WG	W-13	400508010	6/28/2016	Be-7	-4.41E+00	7.97E+00	1.61E+01	U
WG	W-13	400508010	6/28/2016	Ce-141	6.80E-01	1.03E+00	3.32E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-13	400508010	6/28/2016	Ce-144	-2.74E+00	3.86E+00	1.17E+01	U
WG	W-13	400508010	6/28/2016	Co-57	-4.55E-02	4.81E-01	1.61E+00	U
WG	W-13	400508010	6/28/2016	Co-58	5.96E-02	5.92E-01	1.86E+00	U
WG	W-13	400508010	6/28/2016	Co-60	-9.49E-01	6.40E-01	1.85E+00	U
WG	W-13	400508010	6/28/2016	Cr-51	-1.08E+01	6.13E+00	1.82E+01	U
WG	W-13	400508010	6/28/2016	Cs-134	5.63E-01	6.15E-01	2.03E+00	U
WG	W-13	400508010	6/28/2016	Cs-137	-3.04E-01	6.57E-01	1.85E+00	U
WG	W-13	400508010	6/28/2016	Fe-59	4.11E-01	1.16E+00	3.88E+00	U
WG	W-13	400508010	6/28/2016	H-3	3.04E+02	4.85E+02	1.54E+03	U
WG	W-13	400508010	6/28/2016	I-131	6.71E-01	1.31E+00	4.38E+00	U
WG	W-13	400508010	6/28/2016	K-40	-1.07E+01	1.09E+01	2.47E+01	U
WG	W-13	400508010	6/28/2016	La-140	1.36E+00	1.17E+00	3.95E+00	U
WG	W-13	400508010	6/28/2016	Mn-54	7.87E-01	6.70E-01	1.76E+00	U
WG	W-13	400508010	6/28/2016	Nb-95	1.55E+00	6.67E-01	1.99E+00	U
WG	W-13	400508010	6/28/2016	Ru-103	5.64E-01	7.12E-01	2.03E+00	U
WG	W-13	400508010	6/28/2016	Ru-106	-3.66E+01	1.52E+01	1.65E+01	U
WG	W-13	400508010	6/28/2016	Sb-124	-5.65E-01	1.41E+00	4.57E+00	U
WG	W-13	400508010	6/28/2016	Sb-125	-2.64E-01	1.55E+00	5.08E+00	U
WG	W-13	400508010	6/28/2016	Se-75	-5.57E-01	7.90E-01	2.48E+00	U
WG	W-13	400508010	6/28/2016	Th-228	2.13E-01	1.73E+00	3.11E+00	U
WG	W-13	400508010	6/28/2016	Zn-65	-1.55E+00	1.41E+00	3.64E+00	U
WG	W-13	400508010	6/28/2016	Zr-95	-1.63E-01	9.92E-01	3.27E+00	U
WG	W-14	400508011	6/28/2016	Ac-228	3.33E+00	4.29E+00	7.03E+00	U
WG	W-14	400508011	6/28/2016	Ag-108m	-4.68E-01	4.71E-01	1.44E+00	U
WG	W-14	400508011	6/28/2016	Ag-110m	2.23E+00	1.23E+00	2.44E+00	U
WG	W-14	400508011	6/28/2016	Ba-140	2.35E+00	2.98E+00	1.00E+01	U
WG	W-14	400508011	6/28/2016	Be-7	3.83E+00	4.63E+00	1.49E+01	U
WG	W-14	400508011	6/28/2016	Ce-141	1.70E+00	1.93E+00	3.09E+00	U
WG	W-14	400508011	6/28/2016	Ce-144	-1.26E-01	3.62E+00	1.17E+01	U
WG	W-14	400508011	6/28/2016	Co-57	-4.47E-01	4.84E-01	1.51E+00	U
WG	W-14	400508011	6/28/2016	Co-58	4.23E-01	5.24E-01	1.72E+00	U
WG	W-14	400508011	6/28/2016	Co-60	3.95E-01	5.86E-01	1.95E+00	U
WG	W-14	400508011	6/28/2016	Cr-51	8.54E-02	5.33E+00	1.76E+01	U
WG	W-14	400508011	6/28/2016	Cs-134	1.91E+00	1.04E+00	1.83E+00	UI
WG	W-14	400508011	6/28/2016	Cs-137	-2.11E-01	5.11E-01	1.67E+00	U
WG	W-14	400508011	6/28/2016	Fe-59	3.25E+00	1.49E+00	4.04E+00	U
WG	W-14	400508011	6/28/2016	H-3	6.24E+02	5.07E+02	1.54E+03	U
WG	W-14	400508011	6/28/2016	I-131	-1.48E+00	1.49E+00	4.03E+00	U
WG	W-14	400508011	6/28/2016	K-40	5.79E+00	1.11E+01	1.62E+01	U
WG	W-14	400508011	6/28/2016	La-140	-1.29E-01	1.04E+00	3.34E+00	U
WG	W-14	400508011	6/28/2016	Mn-54	-1.30E-01	5.18E-01	1.67E+00	U
WG	W-14	400508011	6/28/2016	Nb-95	6.09E-01	5.54E-01	1.81E+00	U
WG	W-14	400508011	6/28/2016	Ru-103	6.04E-02	6.39E-01	1.89E+00	U
WG	W-14	400508011	6/28/2016	Ru-106	1.28E+00	4.25E+00	1.42E+01	U
WG	W-14	400508011	6/28/2016	Sb-124	6.18E-01	1.40E+00	4.75E+00	U
WG	W-14	400508011	6/28/2016	Sb-125	1.15E+00	1.44E+00	4.66E+00	U
WG	W-14	400508011	6/28/2016	Se-75	5.58E-01	6.86E-01	2.27E+00	U
WG	W-14	400508011	6/28/2016	Th-228	-1.57E+00	1.73E+00	3.38E+00	U
WG	W-14	400508011	6/28/2016	Zn-65	-1.22E+00	1.10E+00	3.39E+00	U
WG	W-14	400508011	6/28/2016	Zr-95	-4.54E+00	1.99E+00	3.14E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-15	400508012	6/29/2016	Ac-228	1.16E+00	5.14E+00	5.94E+00	U
WG	W-15	400508012	6/29/2016	Ag-108m	-3.52E-01	5.08E-01	1.59E+00	U
WG	W-15	400508012	6/29/2016	Ag-110m	-8.11E-01	7.12E-01	2.17E+00	U
WG	W-15	400508012	6/29/2016	Ba-140	9.22E+00	6.98E+00	9.79E+00	U
WG	W-15	400508012	6/29/2016	Be-7	-4.24E+00	4.97E+00	1.53E+01	U
WG	W-15	400508012	6/29/2016	Ce-141	3.40E+00	1.38E+00	3.51E+00	U
WG	W-15	400508012	6/29/2016	Ce-144	7.85E+00	4.22E+00	1.27E+01	U
WG	W-15	400508012	6/29/2016	Co-57	3.55E-01	5.02E-01	1.69E+00	U
WG	W-15	400508012	6/29/2016	Co-58	-5.78E-01	5.62E-01	1.75E+00	U
WG	W-15	400508012	6/29/2016	Co-60	6.85E-01	7.65E-01	1.80E+00	U
WG	W-15	400508012	6/29/2016	Cr-51	5.17E+00	5.44E+00	1.77E+01	U
WG	W-15	400508012	6/29/2016	Cs-134	-2.53E-01	9.74E-01	1.95E+00	U
WG	W-15	400508012	6/29/2016	Cs-137	1.13E+00	5.91E-01	1.86E+00	U
WG	W-15	400508012	6/29/2016	Fe-59	7.03E-01	1.16E+00	3.81E+00	U
WG	W-15	400508012	6/29/2016	H-3	1.09E+03	5.22E+02	1.49E+03	U
WG	W-15	400508012	6/29/2016	I-131	-1.89E+00	1.29E+00	3.80E+00	U
WG	W-15	400508012	6/29/2016	K-40	-2.12E-02	1.02E+01	2.56E+01	U
WG	W-15	400508012	6/29/2016	La-140	-1.23E+00	1.15E+00	3.54E+00	U
WG	W-15	400508012	6/29/2016	Mn-54	-2.63E-01	5.04E-01	1.63E+00	U
WG	W-15	400508012	6/29/2016	Nb-95	5.07E-01	5.70E-01	1.89E+00	U
WG	W-15	400508012	6/29/2016	Ru-103	-5.80E-01	7.13E-01	1.90E+00	U
WG	W-15	400508012	6/29/2016	Ru-106	6.64E+00	4.95E+00	1.63E+01	U
WG	W-15	400508012	6/29/2016	Sb-124	-2.47E+00	2.24E+00	4.54E+00	U
WG	W-15	400508012	6/29/2016	Sb-125	-1.06E+00	1.46E+00	4.55E+00	U
WG	W-15	400508012	6/29/2016	Se-75	2.71E-01	7.51E-01	2.48E+00	U
WG	W-15	400508012	6/29/2016	Th-228	-1.09E+00	1.80E+00	3.85E+00	U
WG	W-15	400508012	6/29/2016	Zn-65	-5.94E-01	1.39E+00	3.77E+00	U
WG	W-15	400508012	6/29/2016	Zr-95	2.14E+00	1.04E+00	3.23E+00	U
WG	MW-20	400508013	6/28/2016	Ac-228	4.06E+00	4.66E+00	7.40E+00	U
WG	MW-20	400508013	6/28/2016	Ag-108m	-5.79E-02	4.67E-01	1.54E+00	U
WG	MW-20	400508013	6/28/2016	Ag-110m	-7.50E-01	6.99E-01	2.20E+00	U
WG	MW-20	400508013	6/28/2016	Ba-140	4.63E+00	3.93E+00	1.27E+01	U
WG	MW-20	400508013	6/28/2016	Be-7	-2.56E+00	4.82E+00	1.55E+01	U
WG	MW-20	400508013	6/28/2016	Ce-141	1.41E+00	1.62E+00	3.53E+00	U
WG	MW-20	400508013	6/28/2016	Ce-144	-4.18E+00	4.76E+00	1.19E+01	U
WG	MW-20	400508013	6/28/2016	Co-57	2.13E-01	5.15E-01	1.66E+00	U
WG	MW-20	400508013	6/28/2016	Co-58	-1.03E+00	6.64E-01	1.77E+00	U
WG	MW-20	400508013	6/28/2016	Co-60	-3.64E-02	6.28E-01	1.77E+00	U
WG	MW-20	400508013	6/28/2016	Cr-51	-7.72E+00	6.74E+00	1.83E+01	U
WG	MW-20	400508013	6/28/2016	Cs-134	5.32E-01	6.07E-01	1.86E+00	U
WG	MW-20	400508013	6/28/2016	Cs-137	7.37E-01	5.72E-01	1.83E+00	U
WG	MW-20	400508013	6/28/2016	Fe-59	-2.26E+00	1.20E+00	3.29E+00	U
WG	MW-20	400508013	6/28/2016	H-3	1.15E+02	4.54E+02	1.47E+03	U
WG	MW-20	400508013	6/28/2016	I-131	-1.58E+00	1.55E+00	4.90E+00	U
WG	MW-20	400508013	6/28/2016	K-40	2.06E+01	1.36E+01	1.79E+01	UI
WG	MW-20	400508013	6/28/2016	La-140	1.72E+00	1.25E+00	4.07E+00	U
WG	MW-20	400508013	6/28/2016	Mn-54	-6.63E-01	5.19E-01	1.61E+00	U
WG	MW-20	400508013	6/28/2016	Nb-95	-3.47E-01	8.30E-01	1.93E+00	U
WG	MW-20	400508013	6/28/2016	Ru-103	1.60E+00	7.53E-01	2.25E+00	U
WG	MW-20	400508013	6/28/2016	Ru-106	-2.17E+00	4.73E+00	1.51E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS	
WG	MW-20	400508013	6/28/2016	Sb-124	1.45E+00	1.27E+00	3.97E+00	U	
WG	MW-20	400508013	6/28/2016	Sb-125	1.18E-01	1.45E+00	4.78E+00	U	
WG	MW-20	400508013	6/28/2016	Se-75	6.96E-01	7.11E-01	2.35E+00	U	
WG	MW-20	400508013	6/28/2016	Th-228	2.55E+00	1.85E+00	3.65E+00	U	
WG	MW-20	400508013	6/28/2016	Zn-65	-5.08E-01	1.36E+00	3.39E+00	U	
WG	MW-20	400508013	6/28/2016	Zr-95	-2.50E-01	1.02E+00	3.26E+00	U	
WG	MW-21	400508014	6/28/2016	Ac-228	8.87E+00	4.32E+00	4.85E+00	UI	
WG	MW-21	400508014	6/28/2016	Ag-108m	1.65E-01	4.09E-01	1.32E+00	U	
WG	MW-21	400508014	6/28/2016	Ag-110m	5.76E-01	6.12E-01	1.98E+00	U	
WG	MW-21	400508014	6/28/2016	Ba-140	4.65E+00	3.19E+00	1.03E+01	U	
WG	MW-21	400508014	6/28/2016	Be-7	1.30E+01	5.03E+00	1.43E+01	U	
WG	MW-21	400508014	6/28/2016	Ce-141	6.88E-01	9.08E-01	2.87E+00	U	
WG	MW-21	400508014	6/28/2016	Ce-144	-3.32E-02	3.17E+00	9.61E+00	U	
WG	MW-21	400508014	6/28/2016	Co-57	1.98E-01	3.85E-01	1.23E+00	U	
WG	MW-21	400508014	6/28/2016	Co-58	7.47E-01	4.97E-01	1.57E+00	U	
WG	MW-21	400508014	6/28/2016	Co-60	-6.40E-01	4.90E-01	1.46E+00	U	
WG	MW-21	400508014	6/28/2016	Cr-51	3.58E+00	4.88E+00	1.60E+01	U	
WG	MW-21	400508014	6/28/2016	Cs-134	7.25E-01	5.20E-01	1.66E+00	U	
WG	MW-21	400508014	6/28/2016	Cs-137	-2.19E-01	4.59E-01	1.49E+00	U	
WG	MW-21	400508014	6/28/2016	Fe-59	-3.88E-01	9.38E-01	3.06E+00	U	
WG	MW-21	400508014	6/28/2016	H-3	5.78E+02	4.86E+02	1.48E+03	U	
WG	MW-21	400508014	6/28/2016	I-131	9.78E-01	1.43E+00	4.48E+00	U	
WG	MW-21	400508014	6/28/2016	K-40	4.38E+00	1.06E+01	1.33E+01	U	
WG	MW-21	400508014	6/28/2016	La-140	3.68E-02	9.60E-01	3.22E+00	U	
WG	MW-21	400508014	6/28/2016	Mn-54	-7.15E-01	4.54E-01	1.31E+00	U	
WG	MW-21	400508014	6/28/2016	Nb-95	-3.58E-01	7.38E-01	1.60E+00	U	
WG	MW-21	400508014	6/28/2016	Ru-103	-6.07E-01	6.16E-01	1.71E+00	U	
WG	MW-21	400508014	6/28/2016	Ru-106	-4.67E+00	4.07E+00	1.27E+01	U	
WG	MW-21	400508014	6/28/2016	Sb-124	8.97E-01	1.08E+00	3.64E+00	U	
WG	MW-21	400508014	6/28/2016	Sb-125	-1.27E+00	1.24E+00	3.77E+00	U	
WG	MW-21	400508014	6/28/2016	Se-75	1.41E-01	5.93E-01	1.97E+00	U	
WG	MW-21	400508014	6/28/2016	Th-228	-2.52E+00	1.36E+00	2.93E+00	U	
WG	MW-21	400508014	6/28/2016	Zn-65	-7.73E-01	1.03E+00	2.79E+00	U	
WG	MW-21	400508014	6/28/2016	Zr-95	-9.41E-01	8.46E-01	2.59E+00	U	
WG	SG-1	400508015	6/29/2016	Ac-228	2.50E+00	3.83E+00	4.99E+00	U	
WG	SG-1	400508015	6/29/2016	Ag-108m	2.88E-01	4.32E-01	1.33E+00	U	
WG	SG-1	400508015	6/29/2016	Ag-110m	-7.08E-01	5.83E-01	1.81E+00	U	
WG	SG-1	400508015	6/29/2016	ALPHA	1.90E+00	2.10E+00	6.46E+00	U	DL
WG	SG-1	400508015	6/29/2016	Ba-140	-2.03E+00	2.72E+00	8.75E+00	U	
WG	SG-1	400508015	6/29/2016	Be-7	-2.14E+00	4.05E+00	1.33E+01	U	
WG	SG-1	400508015	6/29/2016	BETA	4.61E+00	1.24E+00	3.29E+00		
WG	SG-1	400508015	6/29/2016	Ce-141	5.66E-01	1.55E+00	2.92E+00	U	
WG	SG-1	400508015	6/29/2016	Ce-144	7.30E-02	3.03E+00	1.02E+01	U	
WG	SG-1	400508015	6/29/2016	Co-57	3.05E-01	4.05E-01	1.36E+00	U	
WG	SG-1	400508015	6/29/2016	Co-58	6.92E-01	5.21E-01	1.52E+00	U	
WG	SG-1	400508015	6/29/2016	Co-60	-5.13E-01	4.58E-01	1.38E+00	U	
WG	SG-1	400508015	6/29/2016	Cr-51	-4.48E+00	5.02E+00	1.57E+01	U	
WG	SG-1	400508015	6/29/2016	Cs-134	-1.24E-01	5.04E-01	1.46E+00	U	
WG	SG-1	400508015	6/29/2016	Cs-137	8.17E-01	1.00E+00	1.46E+00	U	
WG	SG-1	400508015	6/29/2016	Fe-59	-9.47E-01	1.00E+00	2.77E+00	U	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)		FLAGS
WG	SG-1	400508015	6/29/2016	H-3	4.65E+02	4.90E+02	1.52E+03	U	
WG	SG-1	400508015	6/29/2016	I-131	-2.39E+00	1.40E+00	3.96E+00	U	
WG	SG-1	400508015	6/29/2016	K-40	2.64E+01	1.17E+01	1.39E+01	UI	
WG	SG-1	400508015	6/29/2016	La-140	1.01E-01	9.01E-01	3.03E+00	U	
WG	SG-1	400508015	6/29/2016	Mn-54	-1.08E-01	4.42E-01	1.41E+00	U	
WG	SG-1	400508015	6/29/2016	Nb-95	1.62E+00	5.87E-01	1.59E+00	UI	
WG	SG-1	400508015	6/29/2016	Ru-103	-2.63E-01	5.84E-01	1.66E+00	U	
WG	SG-1	400508015	6/29/2016	Ru-106	9.09E+00	4.97E+00	1.36E+01	U	
WG	SG-1	400508015	6/29/2016	Sb-124	-1.20E+00	1.11E+00	3.42E+00	U	
WG	SG-1	400508015	6/29/2016	Sb-125	2.06E-01	1.19E+00	4.00E+00	U	
WG	SG-1	400508015	6/29/2016	Se-75	3.89E-01	6.34E-01	2.07E+00	U	
WG	SG-1	400508015	6/29/2016	Th-228	1.10E+00	1.59E+00	2.70E+00	U	
WG	SG-1	400508015	6/29/2016	Zn-65	-3.19E-01	1.57E+00	2.73E+00	U	
WG	SG-1	400508015	6/29/2016	Zr-95	1.07E+00	6.84E-01	2.59E+00	U	
WG	SG-2	400508016	6/29/2016	Ac-228	-2.15E+00	3.62E+00	7.12E+00	U	
WG	SG-2	400508016	6/29/2016	Ag-108m	-2.95E-01	4.95E-01	1.59E+00	U	
WG	SG-2	400508016	6/29/2016	Ag-110m	-1.08E+00	7.97E-01	2.35E+00	U	
WG	SG-2	400508016	6/29/2016	ALPHA	-2.43E+00	1.22E+00	4.40E+00	U	DL
WG	SG-2	400508016	6/29/2016	Ba-140	5.22E-01	3.75E+00	1.22E+01	U	
WG	SG-2	400508016	6/29/2016	Be-7	-4.01E+00	5.20E+00	1.64E+01	U	
WG	SG-2	400508016	6/29/2016	BETA	2.03E+00	8.39E-01	2.55E+00	U	
WG	SG-2	400508016	6/29/2016	Ce-141	1.50E+00	1.23E+00	3.52E+00	U	
WG	SG-2	400508016	6/29/2016	Ce-144	-2.63E-01	3.69E+00	1.19E+01	U	
WG	SG-2	400508016	6/29/2016	Co-57	2.24E-01	4.73E-01	1.59E+00	U	
WG	SG-2	400508016	6/29/2016	Co-58	7.05E-01	6.45E-01	1.92E+00	U	
WG	SG-2	400508016	6/29/2016	Co-60	7.28E-01	5.92E-01	1.95E+00	U	
WG	SG-2	400508016	6/29/2016	Cr-51	1.33E+01	6.66E+00	2.03E+01	U	
WG	SG-2	400508016	6/29/2016	Cs-134	-4.32E-01	6.20E-01	1.97E+00	U	
WG	SG-2	400508016	6/29/2016	Cs-137	-1.69E-01	5.51E-01	1.82E+00	U	
WG	SG-2	400508016	6/29/2016	Fe-59	-1.26E+00	1.26E+00	3.95E+00	U	
WG	SG-2	400508016	6/29/2016	H-3	4.28E+02	4.66E+02	1.45E+03	U	
WG	SG-2	400508016	6/29/2016	I-131	-1.41E+00	1.52E+00	4.85E+00	U	
WG	SG-2	400508016	6/29/2016	K-40	2.25E+01	1.36E+01	1.80E+01	UI	
WG	SG-2	400508016	6/29/2016	La-140	1.66E+00	1.31E+00	4.39E+00	U	
WG	SG-2	400508016	6/29/2016	Mn-54	-1.86E-01	6.22E-01	1.72E+00	U	
WG	SG-2	400508016	6/29/2016	Nb-95	1.01E+00	6.64E-01	1.83E+00	U	
WG	SG-2	400508016	6/29/2016	Ru-103	-5.09E-01	7.68E-01	2.09E+00	U	
WG	SG-2	400508016	6/29/2016	Ru-106	2.30E+00	5.03E+00	1.70E+01	U	
WG	SG-2	400508016	6/29/2016	Sb-124	1.48E+00	1.53E+00	5.14E+00	U	
WG	SG-2	400508016	6/29/2016	Sb-125	3.77E-01	1.46E+00	4.84E+00	U	
WG	SG-2	400508016	6/29/2016	Se-75	6.89E-01	7.74E-01	2.48E+00	U	
WG	SG-2	400508016	6/29/2016	Th-228	9.82E-01	2.09E+00	4.00E+00	U	
WG	SG-2	400508016	6/29/2016	Zn-65	-1.46E+00	1.22E+00	3.72E+00	U	
WG	SG-2	400508016	6/29/2016	Zr-95	-5.80E-02	1.01E+00	3.35E+00	U	
WG	SG-4	400508017	6/29/2016	Ac-228	7.62E-02	3.64E+00	5.45E+00	U	
WG	SG-4	400508017	6/29/2016	Ag-108m	7.40E-01	4.90E-01	1.38E+00	U	
WG	SG-4	400508017	6/29/2016	Ag-110m	-3.45E-01	6.68E-01	2.02E+00	U	
WG	SG-4	400508017	6/29/2016	ALPHA	-7.36E+00	2.09E+00	7.84E+00	U	DL
WG	SG-4	400508017	6/29/2016	Ba-140	-2.42E+00	3.18E+00	9.88E+00	U	
WG	SG-4	400508017	6/29/2016	Be-7	2.89E-01	4.22E+00	1.37E+01	U	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-4	400508017	6/29/2016	BETA	4.09E+00	1.18E+00	3.38E+00	
WG	SG-4	400508017	6/29/2016	Ce-141	-2.55E-01	1.56E+00	3.04E+00	U
WG	SG-4	400508017	6/29/2016	Ce-144	-8.95E-01	3.21E+00	1.03E+01	U
WG	SG-4	400508017	6/29/2016	Co-57	-4.70E-01	4.41E-01	1.36E+00	U
WG	SG-4	400508017	6/29/2016	Co-58	-9.60E-01	5.10E-01	1.43E+00	U
WG	SG-4	400508017	6/29/2016	Co-60	-6.35E-02	4.44E-01	1.48E+00	U
WG	SG-4	400508017	6/29/2016	Cr-51	4.72E+00	5.14E+00	1.69E+01	U
WG	SG-4	400508017	6/29/2016	Cs-134	3.73E-01	4.65E-01	1.55E+00	U
WG	SG-4	400508017	6/29/2016	Cs-137	-8.78E-01	5.01E-01	1.46E+00	U
WG	SG-4	400508017	6/29/2016	Fe-59	-5.21E-01	9.77E-01	3.08E+00	U
WG	SG-4	400508017	6/29/2016	H-3	1.35E+02	4.39E+02	1.42E+03	U
WG	SG-4	400508017	6/29/2016	I-131	9.23E-01	1.41E+00	4.10E+00	U
WG	SG-4	400508017	6/29/2016	K-40	6.14E+00	1.03E+01	1.34E+01	U
WG	SG-4	400508017	6/29/2016	La-140	-6.45E-01	9.73E-01	3.08E+00	U
WG	SG-4	400508017	6/29/2016	Mn-54	-1.65E-01	4.45E-01	1.45E+00	U
WG	SG-4	400508017	6/29/2016	Nb-95	9.42E-01	1.01E+00	1.56E+00	U
WG	SG-4	400508017	6/29/2016	Ru-103	-5.50E-01	5.67E-01	1.75E+00	U
WG	SG-4	400508017	6/29/2016	Ru-106	2.42E+00	4.16E+00	1.41E+01	U
WG	SG-4	400508017	6/29/2016	Sb-124	-3.25E-01	1.30E+00	3.58E+00	U
WG	SG-4	400508017	6/29/2016	Sb-125	2.29E+00	1.82E+00	4.14E+00	U
WG	SG-4	400508017	6/29/2016	Se-75	5.45E-01	6.27E-01	2.09E+00	U
WG	SG-4	400508017	6/29/2016	Th-228	-1.43E-01	1.50E+00	3.27E+00	U
WG	SG-4	400508017	6/29/2016	Zn-65	-3.44E+00	1.38E+00	2.66E+00	U
WG	SG-4	400508017	6/29/2016	Zr-95	-8.78E-01	8.12E-01	2.53E+00	U
WG	SG-5	400508018	6/29/2016	Ac-228	-3.37E+00	3.25E+00	7.09E+00	U
WG	SG-5	400508018	6/29/2016	Ag-108m	1.00E-01	4.64E-01	1.50E+00	U
WG	SG-5	400508018	6/29/2016	Ag-110m	8.78E-01	6.90E-01	2.23E+00	U
WG	SG-5	400508018	6/29/2016	ALPHA	1.39E+00	1.04E+00	3.17E+00	U
WG	SG-5	400508018	6/29/2016	Ba-140	6.02E+00	3.55E+00	1.14E+01	U
WG	SG-5	400508018	6/29/2016	Be-7	4.39E+00	4.63E+00	1.48E+01	U
WG	SG-5	400508018	6/29/2016	BETA	9.53E+00	1.20E+00	2.40E+00	
WG	SG-5	400508018	6/29/2016	Ce-141	1.12E+00	1.60E+00	3.06E+00	U
WG	SG-5	400508018	6/29/2016	Ce-144	2.42E+00	3.64E+00	1.17E+01	U
WG	SG-5	400508018	6/29/2016	Co-57	5.33E-01	5.00E-01	1.59E+00	U
WG	SG-5	400508018	6/29/2016	Co-58	-1.01E+00	5.69E-01	1.58E+00	U
WG	SG-5	400508018	6/29/2016	Co-60	8.32E-01	5.60E-01	1.83E+00	U
WG	SG-5	400508018	6/29/2016	Cr-51	-1.10E+00	5.40E+00	1.77E+01	U
WG	SG-5	400508018	6/29/2016	Cs-134	-4.91E-02	5.43E-01	1.77E+00	U
WG	SG-5	400508018	6/29/2016	Cs-137	-3.69E-01	5.35E-01	1.72E+00	U
WG	SG-5	400508018	6/29/2016	Fe-59	3.20E+00	1.44E+00	3.90E+00	U
WG	SG-5	400508018	6/29/2016	H-3	7.81E+02	5.07E+02	1.51E+03	U
WG	SG-5	400508018	6/29/2016	I-131	2.89E-01	1.35E+00	4.42E+00	U
WG	SG-5	400508018	6/29/2016	K-40	1.89E+01	1.22E+01	1.57E+01	UI
WG	SG-5	400508018	6/29/2016	La-140	3.24E-01	1.22E+00	3.97E+00	U
WG	SG-5	400508018	6/29/2016	Mn-54	-4.10E-01	5.06E-01	1.58E+00	U
WG	SG-5	400508018	6/29/2016	Nb-95	-1.26E+00	9.09E-01	1.82E+00	U
WG	SG-5	400508018	6/29/2016	Ru-103	4.95E-01	6.46E-01	1.92E+00	U
WG	SG-5	400508018	6/29/2016	Ru-106	3.77E+00	4.59E+00	1.53E+01	U
WG	SG-5	400508018	6/29/2016	Sb-124	-7.68E-02	1.30E+00	4.32E+00	U
WG	SG-5	400508018	6/29/2016	Sb-125	-1.53E+00	1.42E+00	4.32E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-5	400508018	6/29/2016	Se-75	1.46E-02	6.96E-01	2.32E+00	U
WG	SG-5	400508018	6/29/2016	Th-228	1.29E+00	2.01E+00	3.54E+00	U
WG	SG-5	400508018	6/29/2016	Zn-65	2.13E+00	6.29E-01	3.55E+00	U
WG	SG-5	400508018	6/29/2016	Zr-95	5.92E-02	9.44E-01	3.10E+00	U
WG	W-4	400809001	6/30/2016	Ac-228	-6.27E+00	3.61E+00	7.52E+00	U
WG	W-4	400809001	6/30/2016	Ag-108m	4.17E-01	4.96E-01	1.60E+00	U
WG	W-4	400809001	6/30/2016	Ag-110m	6.23E-01	8.12E-01	2.32E+00	U
WG	W-4	400809001	6/30/2016	Ba-140	3.21E+00	3.53E+00	1.19E+01	U
WG	W-4	400809001	6/30/2016	Be-7	2.11E+00	5.20E+00	1.68E+01	U
WG	W-4	400809001	6/30/2016	Ce-141	2.30E+00	1.33E+00	3.61E+00	U
WG	W-4	400809001	6/30/2016	Ce-144	-1.44E+00	3.88E+00	1.24E+01	U
WG	W-4	400809001	6/30/2016	Co-57	1.09E-01	5.02E-01	1.63E+00	U
WG	W-4	400809001	6/30/2016	Co-58	-1.33E+00	7.15E-01	1.73E+00	U
WG	W-4	400809001	6/30/2016	Co-60	-8.94E-01	7.01E-01	1.72E+00	U
WG	W-4	400809001	6/30/2016	Cr-51	-3.33E+00	5.96E+00	1.92E+01	U
WG	W-4	400809001	6/30/2016	Cs-134	-4.37E-01	6.57E-01	1.87E+00	U
WG	W-4	400809001	6/30/2016	Cs-137	3.22E-01	6.11E-01	1.78E+00	U
WG	W-4	400809001	6/30/2016	Fe-59	-2.26E-01	1.45E+00	4.12E+00	U
WG	W-4	400809001	6/30/2016	H-3	2.86E+02	3.14E+02	9.88E+02	U
WG	W-4	400809001	6/30/2016	I-131	9.81E-01	1.56E+00	5.10E+00	U
WG	W-4	400809001	6/30/2016	K-40	3.65E+01	1.38E+01	1.74E+01	
WG	W-4	400809001	6/30/2016	La-140	-3.08E-02	1.21E+00	3.89E+00	U
WG	W-4	400809001	6/30/2016	Mn-54	-7.41E-01	5.69E-01	1.69E+00	U
WG	W-4	400809001	6/30/2016	Nb-95	-3.19E+00	1.16E+00	1.73E+00	U
WG	W-4	400809001	6/30/2016	Ru-103	-4.86E-01	7.08E-01	2.01E+00	U
WG	W-4	400809001	6/30/2016	Ru-106	6.06E+00	4.86E+00	1.60E+01	U
WG	W-4	400809001	6/30/2016	Sb-124	-3.86E-01	1.29E+00	4.23E+00	U
WG	W-4	400809001	6/30/2016	Sb-125	-1.90E+00	1.55E+00	4.64E+00	U
WG	W-4	400809001	6/30/2016	Se-75	5.59E-01	7.47E-01	2.48E+00	U
WG	W-4	400809001	6/30/2016	Th-228	5.75E+00	2.00E+00	3.31E+00	
WG	W-4	400809001	6/30/2016	Zn-65	-1.81E+00	1.26E+00	3.72E+00	U
WG	W-4	400809001	6/30/2016	Zr-95	4.56E-01	1.00E+00	3.32E+00	U
WG	W-5	400809002	6/30/2016	Ac-228	-3.40E+00	3.23E+00	5.90E+00	U
WG	W-5	400809002	6/30/2016	Ag-108m	1.86E-01	3.74E-01	1.22E+00	U
WG	W-5	400809002	6/30/2016	Ag-110m	5.08E-01	6.44E-01	1.85E+00	U
WG	W-5	400809002	6/30/2016	Ba-140	-1.36E+00	2.87E+00	9.55E+00	U
WG	W-5	400809002	6/30/2016	Be-7	3.12E+00	4.01E+00	1.29E+01	U
WG	W-5	400809002	6/30/2016	Ce-141	4.62E-01	8.83E-01	2.81E+00	U
WG	W-5	400809002	6/30/2016	Ce-144	6.07E-01	3.92E+00	9.26E+00	U
WG	W-5	400809002	6/30/2016	Co-57	3.01E-01	3.74E-01	1.19E+00	U
WG	W-5	400809002	6/30/2016	Co-58	-3.38E-01	4.59E-01	1.46E+00	U
WG	W-5	400809002	6/30/2016	Co-60	-1.14E+00	8.67E-01	1.44E+00	U
WG	W-5	400809002	6/30/2016	Cr-51	2.32E+00	4.65E+00	1.53E+01	U
WG	W-5	400809002	6/30/2016	Cs-134	6.23E-01	4.84E-01	1.57E+00	U
WG	W-5	400809002	6/30/2016	Cs-137	9.75E-01	5.04E-01	1.36E+00	U
WG	W-5	400809002	6/30/2016	Fe-59	3.69E-01	9.26E-01	3.01E+00	U
WG	W-5	400809002	6/30/2016	H-3	1.99E+02	3.12E+02	9.96E+02	U
WG	W-5	400809002	6/30/2016	I-131	-4.57E-01	1.29E+00	4.17E+00	U
WG	W-5	400809002	6/30/2016	K-40	7.03E-01	9.44E+00	1.22E+01	U
WG	W-5	400809002	6/30/2016	La-140	6.66E-01	9.52E-01	3.16E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-5	400809002	6/30/2016	Mn-54	-2.34E-01	4.13E-01	1.32E+00	U
WG	W-5	400809002	6/30/2016	Nb-95	8.16E-01	4.85E-01	1.54E+00	U
WG	W-5	400809002	6/30/2016	Ru-103	-2.18E-01	5.91E-01	1.63E+00	U
WG	W-5	400809002	6/30/2016	Ru-106	-2.79E+00	3.85E+00	1.25E+01	U
WG	W-5	400809002	6/30/2016	Sb-124	-1.25E+00	1.10E+00	3.28E+00	U
WG	W-5	400809002	6/30/2016	Sb-125	4.27E-01	1.14E+00	3.70E+00	U
WG	W-5	400809002	6/30/2016	Se-75	1.50E+00	1.03E+00	1.88E+00	U
WG	W-5	400809002	6/30/2016	Th-228	2.26E-01	1.32E+00	2.82E+00	U
WG	W-5	400809002	6/30/2016	Zn-65	1.28E+00	6.87E-01	2.32E+00	U
WG	W-5	400809002	6/30/2016	Zr-95	8.52E-01	8.10E-01	2.67E+00	U
WG	W-6	400809003	6/30/2016	Ac-228	3.39E-01	4.29E+00	7.15E+00	U
WG	W-6	400809003	6/30/2016	Ag-108m	-2.62E-01	5.28E-01	1.50E+00	U
WG	W-6	400809003	6/30/2016	Ag-110m	-5.79E-01	7.31E-01	2.31E+00	U
WG	W-6	400809003	6/30/2016	Ba-140	5.39E+00	3.74E+00	1.19E+01	U
WG	W-6	400809003	6/30/2016	Be-7	8.57E+00	5.23E+00	1.65E+01	U
WG	W-6	400809003	6/30/2016	Ce-141	1.32E+00	1.00E+00	3.05E+00	U
WG	W-6	400809003	6/30/2016	Ce-144	-1.62E+00	2.95E+00	9.86E+00	U
WG	W-6	400809003	6/30/2016	Co-57	-4.37E-01	4.12E-01	1.25E+00	U
WG	W-6	400809003	6/30/2016	Co-58	-6.77E-01	5.44E-01	1.66E+00	U
WG	W-6	400809003	6/30/2016	Co-60	-2.30E-01	5.51E-01	1.79E+00	U
WG	W-6	400809003	6/30/2016	Cr-51	-5.83E+00	5.66E+00	1.73E+01	U
WG	W-6	400809003	6/30/2016	Cs-134	6.62E-01	5.70E-01	1.88E+00	U
WG	W-6	400809003	6/30/2016	Cs-137	8.53E-01	6.64E-01	1.85E+00	U
WG	W-6	400809003	6/30/2016	Fe-59	1.53E+00	1.46E+00	4.09E+00	U
WG	W-6	400809003	6/30/2016	H-3	-6.91E+00	3.08E+02	1.01E+03	U
WG	W-6	400809003	6/30/2016	I-131	2.64E-01	1.47E+00	4.94E+00	U
WG	W-6	400809003	6/30/2016	K-40	2.27E+01	1.06E+01	1.72E+01	UI
WG	W-6	400809003	6/30/2016	La-140	-3.53E+00	1.50E+00	3.56E+00	U
WG	W-6	400809003	6/30/2016	Mn-54	5.01E-01	5.20E-01	9.88E-01	U
WG	W-6	400809003	6/30/2016	Nb-95	5.64E-01	5.69E-01	1.89E+00	U
WG	W-6	400809003	6/30/2016	Ru-103	-6.70E-01	7.09E-01	1.92E+00	U
WG	W-6	400809003	6/30/2016	Ru-106	1.65E+00	4.67E+00	1.52E+01	U
WG	W-6	400809003	6/30/2016	Sb-124	-3.62E-01	1.40E+00	4.61E+00	U
WG	W-6	400809003	6/30/2016	Sb-125	-4.42E-01	1.58E+00	4.54E+00	U
WG	W-6	400809003	6/30/2016	Se-75	-1.08E+00	1.08E+00	2.27E+00	U
WG	W-6	400809003	6/30/2016	Th-228	1.93E+00	1.62E+00	3.00E+00	U
WG	W-6	400809003	6/30/2016	Zn-65	6.47E-01	1.32E+00	3.70E+00	U
WG	W-6	400809003	6/30/2016	Zr-95	1.14E+00	1.01E+00	3.34E+00	U
WG	W-4	407792001	10/7/2016	Ac-228	1.98E+00	3.23E+00	7.85E+00	U
WG	W-4	407792001	10/7/2016	Ag-108m	2.99E-01	4.65E-01	1.59E+00	U
WG	W-4	407792001	10/7/2016	Ag-110m	4.23E-01	6.67E-01	2.22E+00	U
WG	W-4	407792001	10/7/2016	Ba-140	9.74E-01	2.83E+00	9.59E+00	U
WG	W-4	407792001	10/7/2016	Be-7	2.04E+00	4.68E+00	1.59E+01	U
WG	W-4	407792001	10/7/2016	Ce-141	-7.54E-01	1.05E+00	3.28E+00	U
WG	W-4	407792001	10/7/2016	Ce-144	-6.57E-01	3.67E+00	1.18E+01	U
WG	W-4	407792001	10/7/2016	Co-57	2.48E-01	4.75E-01	1.54E+00	U
WG	W-4	407792001	10/7/2016	Co-58	6.26E-01	5.41E-01	1.80E+00	U
WG	W-4	407792001	10/7/2016	Co-60	-1.81E-01	6.01E-01	1.64E+00	U
WG	W-4	407792001	10/7/2016	Cr-51	6.31E+00	5.34E+00	1.82E+01	U
WG	W-4	407792001	10/7/2016	Cs-134	3.33E-01	5.35E-01	1.79E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-4	407792001	10/7/2016	Cs-137	3.46E-01	5.45E-01	1.83E+00	U
WG	W-4	407792001	10/7/2016	Fe-59	-1.28E+00	1.06E+00	3.03E+00	U
WG	W-4	407792001	10/7/2016	H-3	-5.43E+01	5.92E+02	1.96E+03	U
WG	W-4	407792001	10/7/2016	I-131	-1.07E-01	9.75E-01	3.33E+00	U
WG	W-4	407792001	10/7/2016	K-40	1.15E+01	1.25E+01	1.31E+01	U
WG	W-4	407792001	10/7/2016	La-140	-1.34E+00	9.28E-01	2.66E+00	U
WG	W-4	407792001	10/7/2016	Mn-54	-3.21E-01	4.62E-01	1.44E+00	U
WG	W-4	407792001	10/7/2016	Nb-95	1.42E+00	1.30E+00	1.70E+00	U
WG	W-4	407792001	10/7/2016	Ru-103	-1.30E+00	6.30E-01	1.72E+00	U
WG	W-4	407792001	10/7/2016	Ru-106	-7.81E+00	4.79E+00	1.37E+01	U
WG	W-4	407792001	10/7/2016	Sb-124	2.01E+00	1.08E+00	3.77E+00	U
WG	W-4	407792001	10/7/2016	Sb-125	-4.83E-01	1.34E+00	4.47E+00	U
WG	W-4	407792001	10/7/2016	Se-75	1.85E-01	7.35E-01	2.32E+00	U
WG	W-4	407792001	10/7/2016	Th-228	1.59E+00	1.81E+00	3.18E+00	U
WG	W-4	407792001	10/7/2016	Zn-65	-1.76E+00	1.12E+00	3.00E+00	U
WG	W-4	407792001	10/7/2016	Zr-95	2.47E+00	1.08E+00	3.36E+00	U
WG	W-5	407792002	10/7/2016	Ac-228	-9.29E+00	4.29E+00	8.59E+00	U
WG	W-5	407792002	10/7/2016	Ag-108m	-9.57E-02	6.14E-01	2.08E+00	U
WG	W-5	407792002	10/7/2016	Ag-110m	-1.17E+00	1.13E+00	3.24E+00	U
WG	W-5	407792002	10/7/2016	Ba-140	-2.36E+00	3.45E+00	1.09E+01	U
WG	W-5	407792002	10/7/2016	Be-7	-3.61E+00	6.27E+00	2.04E+01	U
WG	W-5	407792002	10/7/2016	Ce-141	-3.39E+00	1.73E+00	4.15E+00	U
WG	W-5	407792002	10/7/2016	Ce-144	-4.63E+00	4.66E+00	1.46E+01	U
WG	W-5	407792002	10/7/2016	Co-57	-7.17E-02	6.21E-01	2.07E+00	U
WG	W-5	407792002	10/7/2016	Co-58	-9.91E-01	7.05E-01	1.87E+00	U
WG	W-5	407792002	10/7/2016	Co-60	5.87E-04	6.56E-01	2.20E+00	U
WG	W-5	407792002	10/7/2016	Cr-51	9.60E+00	7.02E+00	2.27E+01	U
WG	W-5	407792002	10/7/2016	Cs-134	-9.86E-01	9.37E-01	2.74E+00	U
WG	W-5	407792002	10/7/2016	Cs-137	1.28E+00	8.08E-01	2.77E+00	U
WG	W-5	407792002	10/7/2016	Fe-59	7.81E-01	1.71E+00	5.62E+00	U
WG	W-5	407792002	10/7/2016	H-3	-3.24E+02	5.89E+02	1.99E+03	U
WG	W-5	407792002	10/7/2016	I-131	4.35E-01	1.42E+00	4.50E+00	U
WG	W-5	407792002	10/7/2016	K-40	3.25E+00	1.17E+01	4.20E+01	U
WG	W-5	407792002	10/7/2016	La-140	1.72E+00	1.45E+00	5.10E+00	U
WG	W-5	407792002	10/7/2016	Mn-54	1.62E+00	1.50E+00	2.66E+00	U
WG	W-5	407792002	10/7/2016	Nb-95	-2.41E-03	9.66E-01	2.78E+00	U
WG	W-5	407792002	10/7/2016	Ru-103	8.50E-02	8.33E-01	2.55E+00	U
WG	W-5	407792002	10/7/2016	Ru-106	5.93E+00	6.58E+00	2.27E+01	U
WG	W-5	407792002	10/7/2016	Sb-124	-2.06E+00	1.94E+00	5.39E+00	U
WG	W-5	407792002	10/7/2016	Sb-125	1.58E+00	2.01E+00	7.02E+00	U
WG	W-5	407792002	10/7/2016	Se-75	2.87E-01	1.01E+00	3.27E+00	U
WG	W-5	407792002	10/7/2016	Th-228	3.28E+00	2.31E+00	4.25E+00	U
WG	W-5	407792002	10/7/2016	Zn-65	3.14E+00	1.90E+00	5.98E+00	U
WG	W-5	407792002	10/7/2016	Zr-95	-8.83E-01	1.14E+00	3.39E+00	U
WG	W-6	407792003	10/7/2016	Ac-228	1.82E+00	4.82E+00	1.19E+01	U
WG	W-6	407792003	10/7/2016	Ag-108m	2.40E-03	7.37E-01	2.45E+00	U
WG	W-6	407792003	10/7/2016	Ag-110m	2.38E-01	1.01E+00	3.45E+00	U
WG	W-6	407792003	10/7/2016	Ba-140	-6.44E+00	4.80E+00	1.18E+01	U
WG	W-6	407792003	10/7/2016	Be-7	-5.92E+00	7.00E+00	2.16E+01	U
WG	W-6	407792003	10/7/2016	Ce-141	-2.03E+00	1.96E+00	5.18E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-6	407792003	10/7/2016	Ce-144	4.78E+00	5.86E+00	1.90E+01	U
WG	W-6	407792003	10/7/2016	Co-57	4.89E-02	7.30E-01	2.36E+00	U
WG	W-6	407792003	10/7/2016	Co-58	1.16E-01	7.84E-01	2.69E+00	U
WG	W-6	407792003	10/7/2016	Co-60	5.28E-01	8.22E-01	2.81E+00	U
WG	W-6	407792003	10/7/2016	Cr-51	1.91E+01	8.95E+00	2.86E+01	U
WG	W-6	407792003	10/7/2016	Cs-134	1.93E+00	1.57E+00	3.37E+00	U
WG	W-6	407792003	10/7/2016	Cs-137	-8.00E-01	8.83E-01	2.61E+00	U
WG	W-6	407792003	10/7/2016	Fe-59	7.94E-01	1.86E+00	5.64E+00	U
WG	W-6	407792003	10/7/2016	H-3	-9.01E+02	5.64E+02	1.99E+03	U
WG	W-6	407792003	10/7/2016	I-131	-1.51E+00	1.39E+00	4.27E+00	U
WG	W-6	407792003	10/7/2016	K-40	5.00E+00	1.30E+01	4.51E+01	U
WG	W-6	407792003	10/7/2016	La-140	1.02E+00	1.57E+00	5.26E+00	U
WG	W-6	407792003	10/7/2016	Mn-54	6.99E-01	7.69E-01	2.69E+00	U
WG	W-6	407792003	10/7/2016	Nb-95	-1.03E+00	9.03E-01	2.54E+00	U
WG	W-6	407792003	10/7/2016	Ru-103	-6.68E-01	9.32E-01	2.91E+00	U
WG	W-6	407792003	10/7/2016	Ru-106	-7.05E+00	7.55E+00	2.24E+01	U
WG	W-6	407792003	10/7/2016	Sb-124	1.62E+00	1.99E+00	6.81E+00	U
WG	W-6	407792003	10/7/2016	Sb-125	-2.33E+00	2.38E+00	7.36E+00	U
WG	W-6	407792003	10/7/2016	Se-75	-1.05E+00	1.05E+00	3.38E+00	U
WG	W-6	407792003	10/7/2016	Th-228	1.78E+00	2.01E+00	5.70E+00	U
WG	W-6	407792003	10/7/2016	Zn-65	-4.33E-01	1.70E+00	4.79E+00	U
WG	W-6	407792003	10/7/2016	Zr-95	1.02E-01	1.51E+00	4.81E+00	U
WG	W-1	408799001	10/20/2016	Ac-228	-1.01E+01	4.87E+00	1.12E+01	U
WG	W-1	408799001	10/20/2016	Ag-108m	1.92E+00	1.40E+00	3.40E+00	U
WG	W-1	408799001	10/20/2016	Ag-110m	-1.02E+00	1.15E+00	3.24E+00	U
WG	W-1	408799001	10/20/2016	Ba-140	-1.96E+00	5.65E+00	1.85E+01	U
WG	W-1	408799001	10/20/2016	Be-7	-1.34E+00	9.62E+00	3.22E+01	U
WG	W-1	408799001	10/20/2016	Ce-141	-1.06E+00	2.15E+00	6.73E+00	U
WG	W-1	408799001	10/20/2016	Ce-144	-7.95E+00	7.77E+00	2.33E+01	U
WG	W-1	408799001	10/20/2016	Co-57	-8.64E-01	1.09E+00	3.08E+00	U
WG	W-1	408799001	10/20/2016	Co-58	5.64E-01	9.54E-01	3.00E+00	U
WG	W-1	408799001	10/20/2016	Co-60	1.29E+00	9.98E-01	3.57E+00	U
WG	W-1	408799001	10/20/2016	Cr-51	-1.04E+01	9.86E+00	3.12E+01	U
WG	W-1	408799001	10/20/2016	Cs-134	2.70E+00	1.70E+00	3.63E+00	U
WG	W-1	408799001	10/20/2016	Cs-137	2.32E+00	1.21E+00	4.15E+00	U
WG	W-1	408799001	10/20/2016	Fe-59	-4.16E-01	2.16E+00	6.78E+00	U
WG	W-1	408799001	10/20/2016	H-3	-1.47E+02	5.39E+02	1.80E+03	U
WG	W-1	408799001	10/20/2016	I-131	-7.20E-02	1.60E+00	4.92E+00	U
WG	W-1	408799001	10/20/2016	K-40	1.72E+01	1.90E+01	2.84E+01	U
WG	W-1	408799001	10/20/2016	La-140	7.54E-01	1.88E+00	6.57E+00	U
WG	W-1	408799001	10/20/2016	Mn-54	2.57E-01	1.05E+00	3.49E+00	U
WG	W-1	408799001	10/20/2016	Nb-95	-1.75E+00	1.28E+00	3.55E+00	U
WG	W-1	408799001	10/20/2016	Ru-103	-1.02E+00	1.02E+00	3.08E+00	U
WG	W-1	408799001	10/20/2016	Ru-106	-5.47E+00	9.45E+00	2.98E+01	U
WG	W-1	408799001	10/20/2016	Sb-124	-1.61E+00	2.15E+00	6.26E+00	U
WG	W-1	408799001	10/20/2016	Sb-125	1.95E+00	2.67E+00	9.35E+00	U
WG	W-1	408799001	10/20/2016	Se-75	-8.64E-02	1.56E+00	4.87E+00	U
WG	W-1	408799001	10/20/2016	Th-228	6.97E+00	3.54E+00	8.87E+00	U
WG	W-1	408799001	10/20/2016	Zn-65	1.98E+00	1.87E+00	6.20E+00	U
WG	W-1	408799001	10/20/2016	Zr-95	-3.37E-01	1.87E+00	6.04E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-7	408799002	10/20/2016	Ac-228	6.77E+00	4.68E+00	1.61E+01	U
WG	W-7	408799002	10/20/2016	Ag-108m	7.54E-01	9.02E-01	2.91E+00	U
WG	W-7	408799002	10/20/2016	Ag-110m	-1.30E-01	1.54E+00	4.39E+00	U
WG	W-7	408799002	10/20/2016	Ba-140	1.03E+00	3.76E+00	1.29E+01	U
WG	W-7	408799002	10/20/2016	Be-7	-6.69E-01	8.45E+00	2.83E+01	U
WG	W-7	408799002	10/20/2016	Ce-141	1.28E+00	1.93E+00	6.05E+00	U
WG	W-7	408799002	10/20/2016	Ce-144	1.52E+00	6.54E+00	2.14E+01	U
WG	W-7	408799002	10/20/2016	Co-57	-2.08E-01	8.94E-01	2.87E+00	U
WG	W-7	408799002	10/20/2016	Co-58	3.75E-01	8.47E-01	2.89E+00	U
WG	W-7	408799002	10/20/2016	Co-60	0.00E+00	0.00E+00	3.25E+00	U
WG	W-7	408799002	10/20/2016	Cr-51	-7.16E+00	8.29E+00	2.64E+01	U
WG	W-7	408799002	10/20/2016	Cs-134	1.22E+00	1.16E+00	4.04E+00	U
WG	W-7	408799002	10/20/2016	Cs-137	9.65E-01	9.42E-01	3.32E+00	U
WG	W-7	408799002	10/20/2016	Fe-59	8.25E-02	1.70E+00	5.46E+00	U
WG	W-7	408799002	10/20/2016	H-3	-1.02E+02	5.44E+02	1.81E+03	U
WG	W-7	408799002	10/20/2016	I-131	-4.77E-01	1.78E+00	5.99E+00	U
WG	W-7	408799002	10/20/2016	K-40	-1.79E-01	1.33E+01	4.93E+01	U
WG	W-7	408799002	10/20/2016	La-140	1.16E+00	1.33E+00	4.95E+00	U
WG	W-7	408799002	10/20/2016	Mn-54	6.31E-01	9.42E-01	3.23E+00	U
WG	W-7	408799002	10/20/2016	Nb-95	6.88E-01	1.05E+00	3.30E+00	U
WG	W-7	408799002	10/20/2016	Ru-103	-1.21E-01	9.41E-01	3.13E+00	U
WG	W-7	408799002	10/20/2016	Ru-106	-3.07E+00	8.42E+00	2.37E+01	U
WG	W-7	408799002	10/20/2016	Sb-124	2.68E+00	2.47E+00	9.14E+00	U
WG	W-7	408799002	10/20/2016	Sb-125	-2.00E+00	2.67E+00	7.36E+00	U
WG	W-7	408799002	10/20/2016	Se-75	-9.80E-02	1.39E+00	4.35E+00	U
WG	W-7	408799002	10/20/2016	Th-228	5.55E+00	3.19E+00	5.82E+00	U
WG	W-7	408799002	10/20/2016	Zn-65	1.34E+00	1.90E+00	6.04E+00	U
WG	W-7	408799002	10/20/2016	Zr-95	3.50E+00	1.94E+00	6.80E+00	U
WG	W-8	408799003	10/19/2016	Ac-228	3.92E+00	5.72E+00	1.98E+01	U
WG	W-8	408799003	10/19/2016	Ag-108m	1.71E+00	1.15E+00	3.66E+00	U
WG	W-8	408799003	10/19/2016	Ag-110m	-2.85E+00	1.73E+00	3.92E+00	U
WG	W-8	408799003	10/19/2016	Ba-140	1.11E+01	6.04E+00	2.10E+01	U
WG	W-8	408799003	10/19/2016	Be-7	7.77E+00	1.08E+01	3.67E+01	U
WG	W-8	408799003	10/19/2016	Ce-141	-5.74E+00	2.77E+00	6.86E+00	U
WG	W-8	408799003	10/19/2016	Ce-144	8.25E+00	8.95E+00	2.84E+01	U
WG	W-8	408799003	10/19/2016	Co-57	-1.55E+00	1.28E+00	3.59E+00	U
WG	W-8	408799003	10/19/2016	Co-58	-1.14E+00	9.08E-01	2.16E+00	U
WG	W-8	408799003	10/19/2016	Co-60	1.86E+00	1.09E+00	3.76E+00	U
WG	W-8	408799003	10/19/2016	Cr-51	-1.62E+01	1.25E+01	3.67E+01	U
WG	W-8	408799003	10/19/2016	Cs-134	4.70E-01	9.96E-01	3.36E+00	U
WG	W-8	408799003	10/19/2016	Cs-137	-2.15E+00	1.37E+00	3.41E+00	U
WG	W-8	408799003	10/19/2016	Fe-59	-2.80E+00	2.87E+00	7.79E+00	U
WG	W-8	408799003	10/19/2016	H-3	-8.73E+01	5.31E+02	1.76E+03	U
WG	W-8	408799003	10/19/2016	I-131	-1.51E+00	2.08E+00	6.46E+00	U
WG	W-8	408799003	10/19/2016	K-40	1.33E+01	1.74E+01	5.92E+01	U
WG	W-8	408799003	10/19/2016	La-140	-4.42E-01	1.88E+00	5.94E+00	U
WG	W-8	408799003	10/19/2016	Mn-54	1.13E+00	1.02E+00	3.18E+00	U
WG	W-8	408799003	10/19/2016	Nb-95	1.08E+00	1.06E+00	3.67E+00	U
WG	W-8	408799003	10/19/2016	Ru-103	-8.43E-01	1.28E+00	3.92E+00	U
WG	W-8	408799003	10/19/2016	Ru-106	1.33E+01	1.09E+01	3.74E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-8	408799003	10/19/2016	Sb-124	2.29E+00	2.54E+00	9.32E+00	U
WG	W-8	408799003	10/19/2016	Sb-125	2.01E+01	8.65E+00	1.21E+01	UI
WG	W-8	408799003	10/19/2016	Se-75	4.64E-01	1.53E+00	5.22E+00	U
WG	W-8	408799003	10/19/2016	Th-228	2.40E+00	3.25E+00	7.74E+00	U
WG	W-8	408799003	10/19/2016	Zn-65	-6.88E-01	1.91E+00	6.10E+00	U
WG	W-8	408799003	10/19/2016	Zr-95	6.22E-01	2.12E+00	6.97E+00	U
WG	W-10	408799004	10/19/2016	Ac-228	-7.27E-01	5.14E+00	1.66E+01	U
WG	W-10	408799004	10/19/2016	Ag-108m	5.40E-01	9.19E-01	3.19E+00	U
WG	W-10	408799004	10/19/2016	Ag-110m	-1.12E-01	1.55E+00	4.36E+00	U
WG	W-10	408799004	10/19/2016	Ba-140	-3.28E+00	5.08E+00	1.56E+01	U
WG	W-10	408799004	10/19/2016	Be-7	8.79E+00	9.54E+00	3.33E+01	U
WG	W-10	408799004	10/19/2016	Ce-141	-2.74E+00	2.23E+00	6.44E+00	U
WG	W-10	408799004	10/19/2016	Ce-144	1.28E+01	8.74E+00	2.76E+01	U
WG	W-10	408799004	10/19/2016	Co-57	-6.68E-01	1.03E+00	3.19E+00	U
WG	W-10	408799004	10/19/2016	Co-58	-3.57E-01	9.79E-01	2.61E+00	U
WG	W-10	408799004	10/19/2016	Co-60	3.73E-01	1.08E+00	3.75E+00	U
WG	W-10	408799004	10/19/2016	Cr-51	-1.87E+00	9.96E+00	3.36E+01	U
WG	W-10	408799004	10/19/2016	Cs-134	-2.66E-01	1.20E+00	3.77E+00	U
WG	W-10	408799004	10/19/2016	Cs-137	-1.42E-01	9.76E-01	3.14E+00	U
WG	W-10	408799004	10/19/2016	Fe-59	3.38E+00	2.46E+00	8.92E+00	U
WG	W-10	408799004	10/19/2016	H-3	2.26E+02	5.51E+02	1.78E+03	U
WG	W-10	408799004	10/19/2016	I-131	-1.22E+00	2.11E+00	6.49E+00	U
WG	W-10	408799004	10/19/2016	K-40	1.71E+01	2.21E+01	3.48E+01	U
WG	W-10	408799004	10/19/2016	La-140	3.89E+00	2.12E+00	7.90E+00	U
WG	W-10	408799004	10/19/2016	Mn-54	-8.68E-01	1.18E+00	2.93E+00	U
WG	W-10	408799004	10/19/2016	Nb-95	9.03E-01	1.45E+00	4.52E+00	U
WG	W-10	408799004	10/19/2016	Ru-103	-1.43E+00	1.26E+00	3.70E+00	U
WG	W-10	408799004	10/19/2016	Ru-106	-7.20E+00	9.33E+00	2.78E+01	U
WG	W-10	408799004	10/19/2016	Sb-124	1.54E+00	2.27E+00	8.22E+00	U
WG	W-10	408799004	10/19/2016	Sb-125	6.45E+00	3.03E+00	1.04E+01	U
WG	W-10	408799004	10/19/2016	Se-75	2.25E+00	1.63E+00	5.26E+00	U
WG	W-10	408799004	10/19/2016	Th-228	3.97E+00	3.70E+00	6.86E+00	U
WG	W-10	408799004	10/19/2016	Zn-65	-7.29E+00	3.81E+00	7.21E+00	U
WG	W-10	408799004	10/19/2016	Zr-95	1.03E+00	1.85E+00	6.30E+00	U
WG	W-11	408799005	10/19/2016	Ac-228	3.02E+00	6.85E+00	2.44E+01	U
WG	W-11	408799005	10/19/2016	Ag-108m	1.26E+00	1.21E+00	3.79E+00	U
WG	W-11	408799005	10/19/2016	Ag-110m	7.23E-01	2.07E+00	7.11E+00	U
WG	W-11	408799005	10/19/2016	Ba-140	-4.39E+00	7.93E+00	2.39E+01	U
WG	W-11	408799005	10/19/2016	Be-7	-3.07E+00	1.08E+01	3.36E+01	U
WG	W-11	408799005	10/19/2016	Ce-141	-5.72E+00	3.03E+00	7.23E+00	U
WG	W-11	408799005	10/19/2016	Ce-144	8.18E+00	7.98E+00	2.74E+01	U
WG	W-11	408799005	10/19/2016	Co-57	-2.11E-02	9.77E-01	3.33E+00	U
WG	W-11	408799005	10/19/2016	Co-58	-2.62E+00	1.58E+00	3.99E+00	U
WG	W-11	408799005	10/19/2016	Co-60	-8.67E-02	1.19E+00	3.80E+00	U
WG	W-11	408799005	10/19/2016	Cr-51	9.31E+00	1.24E+01	4.19E+01	U
WG	W-11	408799005	10/19/2016	Cs-134	-2.44E-02	1.46E+00	4.29E+00	U
WG	W-11	408799005	10/19/2016	Cs-137	-1.71E+00	1.60E+00	3.99E+00	U
WG	W-11	408799005	10/19/2016	Fe-59	1.52E+00	2.69E+00	8.56E+00	U
WG	W-11	408799005	10/19/2016	H-3	5.13E+01	5.63E+02	1.84E+03	U
WG	W-11	408799005	10/19/2016	I-131	1.02E+00	2.36E+00	7.89E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-11	408799005	10/19/2016	K-40	-2.29E+01	2.12E+01	7.05E+01	U
WG	W-11	408799005	10/19/2016	La-140	1.92E+00	2.63E+00	9.25E+00	U
WG	W-11	408799005	10/19/2016	Mn-54	-3.03E-01	1.33E+00	4.34E+00	U
WG	W-11	408799005	10/19/2016	Nb-95	-4.74E-01	1.57E+00	5.14E+00	U
WG	W-11	408799005	10/19/2016	Ru-103	-1.80E+00	1.75E+00	4.25E+00	U
WG	W-11	408799005	10/19/2016	Ru-106	-2.64E-02	1.25E+01	3.94E+01	U
WG	W-11	408799005	10/19/2016	Sb-124	-3.21E+00	3.48E+00	9.71E+00	U
WG	W-11	408799005	10/19/2016	Sb-125	1.81E-01	3.25E+00	1.06E+01	U
WG	W-11	408799005	10/19/2016	Se-75	-1.32E+00	1.57E+00	4.82E+00	U
WG	W-11	408799005	10/19/2016	Th-228	2.09E+00	3.01E+00	9.84E+00	U
WG	W-11	408799005	10/19/2016	Zn-65	-1.52E-01	3.01E+00	9.84E+00	U
WG	W-11	408799005	10/19/2016	Zr-95	8.12E-01	2.75E+00	9.48E+00	U
WG	W-12	408799006	10/19/2016	Ac-228	-7.03E+00	5.86E+00	1.61E+01	U
WG	W-12	408799006	10/19/2016	Ag-108m	2.28E+00	1.18E+00	4.04E+00	U
WG	W-12	408799006	10/19/2016	Ag-110m	8.51E-01	1.97E+00	5.91E+00	U
WG	W-12	408799006	10/19/2016	Ba-140	-1.09E+01	7.02E+00	1.79E+01	U
WG	W-12	408799006	10/19/2016	Be-7	9.15E+00	1.06E+01	3.69E+01	U
WG	W-12	408799006	10/19/2016	Ce-141	-1.47E+00	2.56E+00	7.57E+00	U
WG	W-12	408799006	10/19/2016	Ce-144	1.61E+01	9.90E+00	2.52E+01	U
WG	W-12	408799006	10/19/2016	Co-57	1.58E+00	1.05E+00	3.47E+00	U
WG	W-12	408799006	10/19/2016	Co-58	-7.45E-02	1.20E+00	3.80E+00	U
WG	W-12	408799006	10/19/2016	Co-60	5.14E-01	1.19E+00	4.17E+00	U
WG	W-12	408799006	10/19/2016	Cr-51	4.63E+00	1.15E+01	4.02E+01	U
WG	W-12	408799006	10/19/2016	Cs-134	-1.32E+00	1.43E+00	3.31E+00	U
WG	W-12	408799006	10/19/2016	Cs-137	-1.21E+00	1.42E+00	3.56E+00	U
WG	W-12	408799006	10/19/2016	Fe-59	-9.82E-01	2.68E+00	8.60E+00	U
WG	W-12	408799006	10/19/2016	H-3	6.58E+02	5.84E+02	1.81E+03	U
WG	W-12	408799006	10/19/2016	I-131	3.56E+00	2.91E+00	1.02E+01	U
WG	W-12	408799006	10/19/2016	K-40	-2.73E+00	1.67E+01	5.26E+01	U
WG	W-12	408799006	10/19/2016	La-140	4.99E-02	2.25E+00	7.36E+00	U
WG	W-12	408799006	10/19/2016	Mn-54	-5.47E-01	1.15E+00	3.43E+00	U
WG	W-12	408799006	10/19/2016	Nb-95	-1.65E-01	9.89E-01	3.11E+00	U
WG	W-12	408799006	10/19/2016	Ru-103	-2.00E-01	1.38E+00	4.55E+00	U
WG	W-12	408799006	10/19/2016	Ru-106	2.67E+00	9.69E+00	3.26E+01	U
WG	W-12	408799006	10/19/2016	Sb-124	-2.83E+00	3.32E+00	8.88E+00	U
WG	W-12	408799006	10/19/2016	Sb-125	-5.05E-01	2.93E+00	9.71E+00	U
WG	W-12	408799006	10/19/2016	Se-75	-1.16E+00	1.89E+00	5.63E+00	U
WG	W-12	408799006	10/19/2016	Th-228	2.86E+00	3.14E+00	7.33E+00	U
WG	W-12	408799006	10/19/2016	Zn-65	4.32E+00	2.84E+00	9.77E+00	U
WG	W-12	408799006	10/19/2016	Zr-95	3.27E+00	2.33E+00	8.21E+00	U
WG	W-13	408799007	10/19/2016	Ac-228	-6.54E+00	6.30E+00	1.91E+01	U
WG	W-13	408799007	10/19/2016	Ag-108m	1.72E+00	1.24E+00	4.22E+00	U
WG	W-13	408799007	10/19/2016	Ag-110m	-2.76E-01	1.47E+00	4.87E+00	U
WG	W-13	408799007	10/19/2016	Ba-140	2.71E+00	5.67E+00	1.92E+01	U
WG	W-13	408799007	10/19/2016	Be-7	-2.17E+01	1.24E+01	3.21E+01	U
WG	W-13	408799007	10/19/2016	Ce-141	6.25E-01	2.12E+00	6.83E+00	U
WG	W-13	408799007	10/19/2016	Ce-144	3.72E-01	7.41E+00	2.37E+01	U
WG	W-13	408799007	10/19/2016	Co-57	6.31E-01	1.10E+00	3.57E+00	U
WG	W-13	408799007	10/19/2016	Co-58	-1.56E-02	1.10E+00	3.47E+00	U
WG	W-13	408799007	10/19/2016	Co-60	-6.59E-01	1.17E+00	3.50E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-13	408799007	10/19/2016	Cr-51	-1.47E+00	1.13E+01	3.79E+01	U
WG	W-13	408799007	10/19/2016	Cs-134	2.11E+00	1.46E+00	5.02E+00	U
WG	W-13	408799007	10/19/2016	Cs-137	-1.58E+00	1.35E+00	3.70E+00	U
WG	W-13	408799007	10/19/2016	Fe-59	3.73E+00	2.32E+00	8.49E+00	U
WG	W-13	408799007	10/19/2016	H-3	1.05E+01	5.50E+02	1.81E+03	U
WG	W-13	408799007	10/19/2016	I-131	-1.44E+00	2.00E+00	6.27E+00	U
WG	W-13	408799007	10/19/2016	K-40	-3.36E+01	1.74E+01	5.14E+01	U
WG	W-13	408799007	10/19/2016	La-140	1.47E+00	1.96E+00	6.95E+00	U
WG	W-13	408799007	10/19/2016	Mn-54	8.91E-01	1.06E+00	3.82E+00	U
WG	W-13	408799007	10/19/2016	Nb-95	-1.01E+00	1.46E+00	4.30E+00	U
WG	W-13	408799007	10/19/2016	Ru-103	-3.68E-01	1.21E+00	3.86E+00	U
WG	W-13	408799007	10/19/2016	Ru-106	-5.26E+00	1.20E+01	3.72E+01	U
WG	W-13	408799007	10/19/2016	Sb-124	4.02E+00	2.45E+00	9.58E+00	U
WG	W-13	408799007	10/19/2016	Sb-125	-2.18E+00	3.01E+00	9.28E+00	U
WG	W-13	408799007	10/19/2016	Se-75	2.46E+00	1.68E+00	5.76E+00	U
WG	W-13	408799007	10/19/2016	Th-228	6.90E+00	3.57E+00	6.98E+00	U
WG	W-13	408799007	10/19/2016	Zn-65	2.75E+00	2.54E+00	8.45E+00	U
WG	W-13	408799007	10/19/2016	Zr-95	2.13E+00	1.87E+00	6.57E+00	U
WG	W-14	408799008	10/19/2016	Ac-228	-6.11E+00	5.75E+00	1.69E+01	U
WG	W-14	408799008	10/19/2016	Ag-108m	-7.13E-01	9.40E-01	2.93E+00	U
WG	W-14	408799008	10/19/2016	Ag-110m	-3.31E+00	1.68E+00	3.57E+00	U
WG	W-14	408799008	10/19/2016	Ba-140	3.07E-01	4.94E+00	1.64E+01	U
WG	W-14	408799008	10/19/2016	Be-7	-5.20E+00	7.97E+00	2.47E+01	U
WG	W-14	408799008	10/19/2016	Ce-141	-6.43E+00	2.67E+00	5.59E+00	U
WG	W-14	408799008	10/19/2016	Ce-144	1.47E+00	7.20E+00	2.32E+01	U
WG	W-14	408799008	10/19/2016	Co-57	-1.58E+00	1.00E+00	2.77E+00	U
WG	W-14	408799008	10/19/2016	Co-58	8.17E-01	9.87E-01	3.11E+00	U
WG	W-14	408799008	10/19/2016	Co-60	-1.20E+00	1.08E+00	2.97E+00	U
WG	W-14	408799008	10/19/2016	Cr-51	-1.11E+01	1.05E+01	2.85E+01	U
WG	W-14	408799008	10/19/2016	Cs-134	1.34E+00	1.22E+00	4.18E+00	U
WG	W-14	408799008	10/19/2016	Cs-137	-1.54E+00	1.41E+00	4.15E+00	U
WG	W-14	408799008	10/19/2016	Fe-59	3.17E+00	2.27E+00	7.62E+00	U
WG	W-14	408799008	10/19/2016	H-3	2.80E+02	5.59E+02	1.79E+03	U
WG	W-14	408799008	10/19/2016	I-131	-3.13E+00	1.95E+00	5.43E+00	U
WG	W-14	408799008	10/19/2016	K-40	9.35E+00	1.61E+01	5.83E+01	U
WG	W-14	408799008	10/19/2016	La-140	1.10E+00	2.09E+00	7.19E+00	U
WG	W-14	408799008	10/19/2016	Mn-54	-1.35E-01	9.48E-01	2.98E+00	U
WG	W-14	408799008	10/19/2016	Nb-95	-5.98E-01	1.16E+00	3.54E+00	U
WG	W-14	408799008	10/19/2016	Ru-103	-8.30E-01	1.07E+00	3.27E+00	U
WG	W-14	408799008	10/19/2016	Ru-106	5.53E+00	1.10E+01	2.76E+01	U
WG	W-14	408799008	10/19/2016	Sb-124	1.28E+00	1.98E+00	7.08E+00	U
WG	W-14	408799008	10/19/2016	Sb-125	1.66E+00	2.70E+00	9.27E+00	U
WG	W-14	408799008	10/19/2016	Se-75	2.00E+00	1.47E+00	5.06E+00	U
WG	W-14	408799008	10/19/2016	Th-228	7.46E+00	3.66E+00	6.08E+00	UI
WG	W-14	408799008	10/19/2016	Zn-65	-2.50E+00	2.73E+00	6.97E+00	U
WG	W-14	408799008	10/19/2016	Zr-95	1.11E+00	1.71E+00	5.81E+00	U
WG	W-15	408799009	10/19/2016	Ac-228	7.86E+00	1.01E+01	2.73E+01	U
WG	W-15	408799009	10/19/2016	Ag-108m	1.16E+00	1.32E+00	4.75E+00	U
WG	W-15	408799009	10/19/2016	Ag-110m	4.84E+00	2.68E+00	9.68E+00	U
WG	W-15	408799009	10/19/2016	Ba-140	-1.99E+01	9.84E+00	2.21E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-15	408799009	10/19/2016	Be-7	-1.36E+01	1.59E+01	4.90E+01	U
WG	W-15	408799009	10/19/2016	Ce-141	-3.55E+00	2.94E+00	8.08E+00	U
WG	W-15	408799009	10/19/2016	Ce-144	-4.59E+00	9.87E+00	3.19E+01	U
WG	W-15	408799009	10/19/2016	Co-57	-9.66E-01	1.20E+00	3.79E+00	U
WG	W-15	408799009	10/19/2016	Co-58	4.41E-01	1.46E+00	4.94E+00	U
WG	W-15	408799009	10/19/2016	Co-60	-5.36E-01	2.00E+00	6.44E+00	U
WG	W-15	408799009	10/19/2016	Cr-51	-6.01E+00	1.75E+01	5.34E+01	U
WG	W-15	408799009	10/19/2016	Cs-134	4.17E+00	2.03E+00	7.39E+00	U
WG	W-15	408799009	10/19/2016	Cs-137	-4.09E-01	1.18E+00	3.46E+00	U
WG	W-15	408799009	10/19/2016	Fe-59	2.73E+00	3.58E+00	1.31E+01	U
WG	W-15	408799009	10/19/2016	H-3	-2.55E+02	5.30E+02	1.78E+03	U
WG	W-15	408799009	10/19/2016	I-131	2.99E+00	3.05E+00	1.02E+01	U
WG	W-15	408799009	10/19/2016	K-40	7.83E+00	2.52E+01	9.33E+01	U
WG	W-15	408799009	10/19/2016	La-140	4.37E+00	3.27E+00	1.26E+01	U
WG	W-15	408799009	10/19/2016	Mn-54	-1.47E+00	1.71E+00	3.93E+00	U
WG	W-15	408799009	10/19/2016	Nb-95	-2.03E+00	1.79E+00	4.77E+00	U
WG	W-15	408799009	10/19/2016	Ru-103	2.66E-01	1.65E+00	5.63E+00	U
WG	W-15	408799009	10/19/2016	Ru-106	1.57E+01	1.34E+01	4.88E+01	U
WG	W-15	408799009	10/19/2016	Sb-124	1.08E+00	2.73E+00	9.96E+00	U
WG	W-15	408799009	10/19/2016	Sb-125	-1.47E+00	3.53E+00	1.15E+01	U
WG	W-15	408799009	10/19/2016	Se-75	-2.27E+00	1.93E+00	5.30E+00	U
WG	W-15	408799009	10/19/2016	Th-228	4.39E-01	4.59E+00	1.21E+01	U
WG	W-15	408799009	10/19/2016	Zn-65	-3.52E+00	3.75E+00	1.09E+01	U
WG	W-15	408799009	10/19/2016	Zr-95	7.59E-01	2.50E+00	8.53E+00	U
WG	MW-20	408799010	10/20/2016	Ac-228	-2.81E+00	6.64E+00	1.97E+01	U
WG	MW-20	408799010	10/20/2016	Ag-108m	1.31E+00	1.32E+00	4.43E+00	U
WG	MW-20	408799010	10/20/2016	Ag-110m	-1.57E+00	1.62E+00	4.46E+00	U
WG	MW-20	408799010	10/20/2016	Ba-140	1.44E+01	8.02E+00	2.79E+01	U
WG	MW-20	408799010	10/20/2016	Be-7	-2.13E+00	1.23E+01	3.84E+01	U
WG	MW-20	408799010	10/20/2016	Ce-141	3.53E-03	2.12E+00	7.25E+00	U
WG	MW-20	408799010	10/20/2016	Ce-144	-1.19E+01	8.69E+00	2.66E+01	U
WG	MW-20	408799010	10/20/2016	Co-57	1.90E+00	1.40E+00	4.45E+00	U
WG	MW-20	408799010	10/20/2016	Co-58	-1.20E+00	1.38E+00	4.02E+00	U
WG	MW-20	408799010	10/20/2016	Co-60	-9.12E-01	1.50E+00	4.58E+00	U
WG	MW-20	408799010	10/20/2016	Cr-51	7.42E+00	1.19E+01	4.03E+01	U
WG	MW-20	408799010	10/20/2016	Cs-134	1.39E+00	1.33E+00	4.74E+00	U
WG	MW-20	408799010	10/20/2016	Cs-137	4.76E-01	1.32E+00	4.55E+00	U
WG	MW-20	408799010	10/20/2016	Fe-59	4.09E+00	3.37E+00	1.09E+01	U
WG	MW-20	408799010	10/20/2016	H-3	3.38E+02	5.58E+02	1.78E+03	U
WG	MW-20	408799010	10/20/2016	I-131	-7.52E-02	2.48E+00	8.05E+00	U
WG	MW-20	408799010	10/20/2016	K-40	-1.65E+00	1.85E+01	6.08E+01	U
WG	MW-20	408799010	10/20/2016	La-140	-2.67E+00	2.37E+00	6.11E+00	U
WG	MW-20	408799010	10/20/2016	Mn-54	-1.38E+00	1.33E+00	3.73E+00	U
WG	MW-20	408799010	10/20/2016	Nb-95	-1.05E+00	1.64E+00	5.08E+00	U
WG	MW-20	408799010	10/20/2016	Ru-103	-7.26E-01	1.36E+00	4.04E+00	U
WG	MW-20	408799010	10/20/2016	Ru-106	2.08E+01	1.39E+01	4.88E+01	U
WG	MW-20	408799010	10/20/2016	Sb-124	3.72E+00	4.19E+00	1.49E+01	U
WG	MW-20	408799010	10/20/2016	Sb-125	1.29E-01	3.68E+00	1.19E+01	U
WG	MW-20	408799010	10/20/2016	Se-75	-8.16E-01	1.81E+00	5.83E+00	U
WG	MW-20	408799010	10/20/2016	Th-228	4.30E+00	5.23E+00	9.98E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	MW-20	408799010	10/20/2016	Zn-65	1.00E+00	3.03E+00	8.96E+00	U
WG	MW-20	408799010	10/20/2016	Zr-95	3.20E+00	2.58E+00	9.15E+00	U
WG	MW-21	408799011	10/20/2016	Ac-228	-6.96E+00	5.02E+00	1.34E+01	U
WG	MW-21	408799011	10/20/2016	Ag-108m	1.38E-01	9.68E-01	3.24E+00	U
WG	MW-21	408799011	10/20/2016	Ag-110m	-1.05E+00	1.38E+00	3.52E+00	U
WG	MW-21	408799011	10/20/2016	Ba-140	-4.24E+00	5.55E+00	1.67E+01	U
WG	MW-21	408799011	10/20/2016	Be-7	3.79E+00	1.14E+01	2.81E+01	U
WG	MW-21	408799011	10/20/2016	Ce-141	-1.75E+00	2.61E+00	7.22E+00	U
WG	MW-21	408799011	10/20/2016	Ce-144	-5.17E-01	8.14E+00	2.61E+01	U
WG	MW-21	408799011	10/20/2016	Co-57	7.69E-01	1.09E+00	3.57E+00	U
WG	MW-21	408799011	10/20/2016	Co-58	-5.92E-01	1.12E+00	3.59E+00	U
WG	MW-21	408799011	10/20/2016	Co-60	9.04E-01	1.21E+00	4.25E+00	U
WG	MW-21	408799011	10/20/2016	Cr-51	-3.52E+00	1.03E+01	3.40E+01	U
WG	MW-21	408799011	10/20/2016	Cs-134	2.98E-01	1.19E+00	3.86E+00	U
WG	MW-21	408799011	10/20/2016	Cs-137	-3.94E-01	1.16E+00	3.60E+00	U
WG	MW-21	408799011	10/20/2016	Fe-59	2.13E+00	1.87E+00	6.86E+00	U
WG	MW-21	408799011	10/20/2016	H-3	1.64E+02	5.06E+02	1.64E+03	U
WG	MW-21	408799011	10/20/2016	I-131	-1.54E+00	1.94E+00	6.09E+00	U
WG	MW-21	408799011	10/20/2016	K-40	-5.57E+00	1.47E+01	4.64E+01	U
WG	MW-21	408799011	10/20/2016	La-140	4.77E-01	2.06E+00	6.83E+00	U
WG	MW-21	408799011	10/20/2016	Mn-54	-2.17E-02	7.94E-01	2.69E+00	U
WG	MW-21	408799011	10/20/2016	Nb-95	-2.01E+00	1.56E+00	4.18E+00	U
WG	MW-21	408799011	10/20/2016	Ru-103	7.13E-01	1.15E+00	3.58E+00	U
WG	MW-21	408799011	10/20/2016	Ru-106	-1.15E+01	1.13E+01	3.22E+01	U
WG	MW-21	408799011	10/20/2016	Sb-124	-1.55E+00	3.21E+00	9.51E+00	U
WG	MW-21	408799011	10/20/2016	Sb-125	-1.16E+00	3.37E+00	1.09E+01	U
WG	MW-21	408799011	10/20/2016	Se-75	-1.99E-01	1.51E+00	5.13E+00	U
WG	MW-21	408799011	10/20/2016	Th-228	2.61E-01	2.55E+00	8.52E+00	U
WG	MW-21	408799011	10/20/2016	Zn-65	2.37E+00	3.07E+00	9.65E+00	U
WG	MW-21	408799011	10/20/2016	Zr-95	-4.80E+00	2.44E+00	5.21E+00	U
WG	W-2	408921001	10/21/2016	Ac-228	9.85E+00	7.08E+00	2.40E+01	U
WG	W-2	408921001	10/21/2016	Ag-108m	-3.49E-01	1.20E+00	3.74E+00	U
WG	W-2	408921001	10/21/2016	Ag-110m	2.46E+00	2.02E+00	7.12E+00	U
WG	W-2	408921001	10/21/2016	Ba-140	3.66E+00	8.04E+00	2.80E+01	U
WG	W-2	408921001	10/21/2016	Be-7	-2.40E+01	1.35E+01	3.19E+01	U
WG	W-2	408921001	10/21/2016	Ce-141	-2.11E+00	2.93E+00	8.61E+00	U
WG	W-2	408921001	10/21/2016	Ce-144	-4.27E+00	8.89E+00	2.98E+01	U
WG	W-2	408921001	10/21/2016	Co-57	-9.06E-02	1.26E+00	3.93E+00	U
WG	W-2	408921001	10/21/2016	Co-58	-6.47E-01	1.39E+00	4.31E+00	U
WG	W-2	408921001	10/21/2016	Co-60	1.20E+00	1.24E+00	4.58E+00	U
WG	W-2	408921001	10/21/2016	Cr-51	-2.11E+01	1.44E+01	3.99E+01	U
WG	W-2	408921001	10/21/2016	Cs-134	-1.18E+00	1.49E+00	4.41E+00	U
WG	W-2	408921001	10/21/2016	Cs-137	-3.10E+00	1.64E+00	3.97E+00	U
WG	W-2	408921001	10/21/2016	Fe-59	-1.62E+00	2.46E+00	6.99E+00	U
WG	W-2	408921001	10/21/2016	H-3	-1.23E+02	4.26E+02	1.42E+03	U
WG	W-2	408921001	10/21/2016	I-131	-1.86E+00	2.81E+00	8.57E+00	U
WG	W-2	408921001	10/21/2016	K-40	2.03E+01	2.51E+01	6.65E+01	U
WG	W-2	408921001	10/21/2016	La-140	3.85E+00	2.82E+00	1.04E+01	U
WG	W-2	408921001	10/21/2016	Mn-54	2.29E-02	1.33E+00	4.36E+00	U
WG	W-2	408921001	10/21/2016	Nb-95	1.20E+00	1.51E+00	5.26E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-2	408921001	10/21/2016	Ru-103	-2.59E+00	1.75E+00	4.51E+00	U
WG	W-2	408921001	10/21/2016	Ru-106	-1.23E-01	1.44E+01	4.85E+01	U
WG	W-2	408921001	10/21/2016	Sb-124	5.96E+00	3.56E+00	1.36E+01	U
WG	W-2	408921001	10/21/2016	Sb-125	-1.26E+00	3.87E+00	1.21E+01	U
WG	W-2	408921001	10/21/2016	Se-75	2.44E-01	1.75E+00	5.86E+00	U
WG	W-2	408921001	10/21/2016	Th-228	1.71E+00	3.22E+00	1.01E+01	U
WG	W-2	408921001	10/21/2016	Zn-65	-1.64E+00	3.50E+00	1.06E+01	U
WG	W-2	408921001	10/21/2016	Zr-95	2.52E+00	1.99E+00	7.29E+00	U
WG	W-3	408921002	10/21/2016	Ac-228	1.35E+00	5.32E+00	1.89E+01	U
WG	W-3	408921002	10/21/2016	Ag-108m	7.73E-01	1.02E+00	3.55E+00	U
WG	W-3	408921002	10/21/2016	Ag-110m	-2.21E+00	1.68E+00	4.31E+00	U
WG	W-3	408921002	10/21/2016	Ba-140	-6.26E-01	7.07E+00	2.33E+01	U
WG	W-3	408921002	10/21/2016	Be-7	6.07E+00	1.02E+01	3.52E+01	U
WG	W-3	408921002	10/21/2016	Ce-141	3.67E+00	4.03E+00	7.07E+00	U
WG	W-3	408921002	10/21/2016	Ce-144	-4.16E+00	7.72E+00	2.40E+01	U
WG	W-3	408921002	10/21/2016	Co-57	-9.70E-01	1.09E+00	3.29E+00	U
WG	W-3	408921002	10/21/2016	Co-58	-9.19E-01	1.03E+00	2.89E+00	U
WG	W-3	408921002	10/21/2016	Co-60	2.85E+00	1.37E+00	4.81E+00	U
WG	W-3	408921002	10/21/2016	Cr-51	1.49E+01	1.21E+01	4.20E+01	U
WG	W-3	408921002	10/21/2016	Cs-134	-3.90E-01	1.34E+00	4.18E+00	U
WG	W-3	408921002	10/21/2016	Cs-137	-2.52E+00	1.27E+00	2.79E+00	U
WG	W-3	408921002	10/21/2016	Fe-59	-2.93E+00	2.68E+00	7.88E+00	U
WG	W-3	408921002	10/21/2016	H-3	-4.31E+02	4.25E+02	1.46E+03	U
WG	W-3	408921002	10/21/2016	I-131	2.92E+00	2.64E+00	9.18E+00	U
WG	W-3	408921002	10/21/2016	K-40	-1.72E+01	1.43E+01	4.89E+01	U
WG	W-3	408921002	10/21/2016	La-140	9.14E-01	2.41E+00	7.42E+00	U
WG	W-3	408921002	10/21/2016	Mn-54	1.09E-01	1.07E+00	3.47E+00	U
WG	W-3	408921002	10/21/2016	Nb-95	-2.06E+00	1.69E+00	3.81E+00	U
WG	W-3	408921002	10/21/2016	Ru-103	5.99E-01	9.20E-01	3.22E+00	U
WG	W-3	408921002	10/21/2016	Ru-106	-1.39E+01	1.04E+01	2.81E+01	U
WG	W-3	408921002	10/21/2016	Sb-124	1.38E+00	1.59E+00	6.17E+00	U
WG	W-3	408921002	10/21/2016	Sb-125	1.40E+00	2.99E+00	1.03E+01	U
WG	W-3	408921002	10/21/2016	Se-75	-2.55E+00	1.68E+00	4.34E+00	U
WG	W-3	408921002	10/21/2016	Th-228	6.76E+00	3.13E+00	6.46E+00	UI
WG	W-3	408921002	10/21/2016	Zn-65	2.14E-03	2.51E+00	7.51E+00	U
WG	W-3	408921002	10/21/2016	Zr-95	3.91E-01	2.05E+00	6.77E+00	U
WG	W-9	408921003	10/21/2016	Ac-228	-1.01E+01	9.70E+00	2.65E+01	U
WG	W-9	408921003	10/21/2016	Ag-108m	1.33E-01	1.23E+00	4.25E+00	U
WG	W-9	408921003	10/21/2016	Ag-110m	1.27E+00	1.99E+00	6.97E+00	U
WG	W-9	408921003	10/21/2016	Ba-140	6.06E+00	9.33E+00	3.28E+01	U
WG	W-9	408921003	10/21/2016	Be-7	-6.73E+00	1.40E+01	4.50E+01	U
WG	W-9	408921003	10/21/2016	Ce-141	-5.23E+00	2.91E+00	7.86E+00	U
WG	W-9	408921003	10/21/2016	Ce-144	-3.52E+00	8.55E+00	2.77E+01	U
WG	W-9	408921003	10/21/2016	Co-57	-6.82E-01	1.32E+00	4.27E+00	U
WG	W-9	408921003	10/21/2016	Co-58	1.10E-01	1.51E+00	4.44E+00	U
WG	W-9	408921003	10/21/2016	Co-60	-1.70E+00	1.86E+00	5.18E+00	U
WG	W-9	408921003	10/21/2016	Cr-51	-6.43E+00	1.71E+01	5.21E+01	U
WG	W-9	408921003	10/21/2016	Cs-134	9.02E-01	1.75E+00	6.05E+00	U
WG	W-9	408921003	10/21/2016	Cs-137	-3.87E-01	1.84E+00	5.94E+00	U
WG	W-9	408921003	10/21/2016	Fe-59	-1.75E+00	4.09E+00	1.32E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	W-9	408921003	10/21/2016	H-3	-7.26E+01	4.44E+02	1.47E+03	U
WG	W-9	408921003	10/21/2016	I-131	2.91E-01	3.22E+00	1.01E+01	U
WG	W-9	408921003	10/21/2016	K-40	-1.56E+01	2.88E+01	9.80E+01	U
WG	W-9	408921003	10/21/2016	La-140	2.32E+00	2.39E+00	9.38E+00	U
WG	W-9	408921003	10/21/2016	Mn-54	-4.31E-01	1.54E+00	4.77E+00	U
WG	W-9	408921003	10/21/2016	Nb-95	-4.23E-02	1.78E+00	5.79E+00	U
WG	W-9	408921003	10/21/2016	Ru-103	-1.62E-01	1.14E+00	3.77E+00	U
WG	W-9	408921003	10/21/2016	Ru-106	-1.63E+01	1.60E+01	4.59E+01	U
WG	W-9	408921003	10/21/2016	Sb-124	-1.81E+00	4.49E+00	1.35E+01	U
WG	W-9	408921003	10/21/2016	Sb-125	1.63E+00	4.10E+00	1.44E+01	U
WG	W-9	408921003	10/21/2016	Se-75	-1.63E+00	2.21E+00	6.57E+00	U
WG	W-9	408921003	10/21/2016	Th-228	1.78E+00	4.87E+00	8.54E+00	U
WG	W-9	408921003	10/21/2016	Zn-65	-4.23E+00	2.93E+00	6.69E+00	U
WG	W-9	408921003	10/21/2016	Zr-95	2.51E+00	3.03E+00	1.07E+01	U
WG	SG-1	408921004	10/21/2016	Ac-228	1.30E+00	6.64E+00	2.35E+01	U
WG	SG-1	408921004	10/21/2016	Ag-108m	6.59E-02	1.17E+00	3.80E+00	U
WG	SG-1	408921004	10/21/2016	Ag-110m	-8.83E-01	1.46E+00	4.42E+00	U
WG	SG-1	408921004	10/21/2016	Ba-140	1.06E+01	7.84E+00	2.68E+01	U
WG	SG-1	408921004	10/21/2016	Be-7	1.85E+01	1.30E+01	4.41E+01	U
WG	SG-1	408921004	10/21/2016	Ce-141	-6.25E+00	3.15E+00	6.90E+00	U
WG	SG-1	408921004	10/21/2016	Ce-144	-5.19E+00	7.18E+00	2.33E+01	U
WG	SG-1	408921004	10/21/2016	Co-57	1.13E+00	1.05E+00	3.61E+00	U
WG	SG-1	408921004	10/21/2016	Co-58	1.15E+00	1.61E+00	5.64E+00	U
WG	SG-1	408921004	10/21/2016	Co-60	7.92E-01	8.47E-01	3.29E+00	U
WG	SG-1	408921004	10/21/2016	Cr-51	-1.62E+01	1.25E+01	3.54E+01	U
WG	SG-1	408921004	10/21/2016	Cs-134	5.47E-01	1.38E+00	4.81E+00	U
WG	SG-1	408921004	10/21/2016	Cs-137	-3.30E-01	1.38E+00	4.57E+00	U
WG	SG-1	408921004	10/21/2016	Fe-59	-2.14E+00	3.58E+00	1.09E+01	U
WG	SG-1	408921004	10/21/2016	H-3	-6.26E+02	4.19E+02	1.47E+03	U
WG	SG-1	408921004	10/21/2016	I-131	3.93E+00	2.79E+00	9.46E+00	U
WG	SG-1	408921004	10/21/2016	K-40	8.05E+00	1.75E+01	6.48E+01	U
WG	SG-1	408921004	10/21/2016	La-140	4.44E-01	2.52E+00	8.33E+00	U
WG	SG-1	408921004	10/21/2016	Mn-54	6.32E-01	1.38E+00	4.80E+00	U
WG	SG-1	408921004	10/21/2016	Nb-95	-3.69E-01	1.72E+00	5.70E+00	U
WG	SG-1	408921004	10/21/2016	Ru-103	-7.92E-01	1.42E+00	4.29E+00	U
WG	SG-1	408921004	10/21/2016	Ru-106	-1.27E+01	1.57E+01	4.52E+01	U
WG	SG-1	408921004	10/21/2016	Sb-124	4.94E+00	3.37E+00	1.31E+01	U
WG	SG-1	408921004	10/21/2016	Sb-125	-2.24E+00	3.38E+00	1.02E+01	U
WG	SG-1	408921004	10/21/2016	Se-75	-1.17E+00	1.67E+00	5.24E+00	U
WG	SG-1	408921004	10/21/2016	Th-228	3.89E+00	2.99E+00	9.99E+00	U
WG	SG-1	408921004	10/21/2016	Zn-65	2.87E+00	2.77E+00	9.99E+00	U
WG	SG-1	408921004	10/21/2016	Zr-95	-2.47E+00	2.62E+00	7.80E+00	U
WG	SG-2	408921005	10/21/2016	Ac-228	3.90E+00	6.86E+00	2.29E+01	U
WG	SG-2	408921005	10/21/2016	Ag-108m	-1.39E+00	1.44E+00	4.27E+00	U
WG	SG-2	408921005	10/21/2016	Ag-110m	1.76E-01	1.99E+00	6.51E+00	U
WG	SG-2	408921005	10/21/2016	Ba-140	-5.11E-01	9.35E+00	3.15E+01	U
WG	SG-2	408921005	10/21/2016	Be-7	-1.10E+00	1.35E+01	4.31E+01	U
WG	SG-2	408921005	10/21/2016	Ce-141	-1.05E+00	2.56E+00	8.07E+00	U
WG	SG-2	408921005	10/21/2016	Ce-144	-4.95E+00	1.15E+01	3.65E+01	U
WG	SG-2	408921005	10/21/2016	Co-57	-1.58E+00	1.46E+00	4.41E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-2	408921005	10/21/2016	Co-58	-1.38E+00	1.61E+00	4.77E+00	U
WG	SG-2	408921005	10/21/2016	Co-60	5.27E-01	1.27E+00	4.40E+00	U
WG	SG-2	408921005	10/21/2016	Cr-51	-1.30E+01	1.55E+01	4.81E+01	U
WG	SG-2	408921005	10/21/2016	Cs-134	3.51E-01	1.63E+00	5.43E+00	U
WG	SG-2	408921005	10/21/2016	Cs-137	-2.18E+00	1.69E+00	4.79E+00	U
WG	SG-2	408921005	10/21/2016	Fe-59	1.06E+00	3.07E+00	1.05E+01	U
WG	SG-2	408921005	10/21/2016	H-3	-7.61E+01	4.46E+02	1.48E+03	U
WG	SG-2	408921005	10/21/2016	I-131	-4.35E+00	3.31E+00	9.49E+00	U
WG	SG-2	408921005	10/21/2016	K-40	2.24E+01	1.78E+01	5.17E+01	U
WG	SG-2	408921005	10/21/2016	La-140	-4.07E-01	2.61E+00	8.27E+00	U
WG	SG-2	408921005	10/21/2016	Mn-54	-1.79E+00	1.34E+00	3.54E+00	U
WG	SG-2	408921005	10/21/2016	Nb-95	9.20E-01	1.39E+00	4.56E+00	U
WG	SG-2	408921005	10/21/2016	Ru-103	-7.51E-01	1.92E+00	5.98E+00	U
WG	SG-2	408921005	10/21/2016	Ru-106	1.61E+01	1.23E+01	4.34E+01	U
WG	SG-2	408921005	10/21/2016	Sb-124	5.97E+00	4.41E+00	1.60E+01	U
WG	SG-2	408921005	10/21/2016	Sb-125	6.39E-01	4.00E+00	1.31E+01	U
WG	SG-2	408921005	10/21/2016	Se-75	1.42E+00	1.95E+00	6.66E+00	U
WG	SG-2	408921005	10/21/2016	Th-228	6.77E-01	3.38E+00	1.12E+01	U
WG	SG-2	408921005	10/21/2016	Zn-65	-1.82E+00	3.18E+00	8.19E+00	U
WG	SG-2	408921005	10/21/2016	Zr-95	2.91E+00	2.71E+00	9.44E+00	U
WG	SG-4	408921006	10/21/2016	Ac-228	3.61E+00	4.62E+00	1.64E+01	U
WG	SG-4	408921006	10/21/2016	Ag-108m	2.09E+00	1.26E+00	4.24E+00	U
WG	SG-4	408921006	10/21/2016	Ag-110m	9.35E-01	1.59E+00	5.60E+00	U
WG	SG-4	408921006	10/21/2016	Ba-140	-4.84E+00	7.61E+00	2.16E+01	U
WG	SG-4	408921006	10/21/2016	Be-7	-1.24E+01	1.32E+01	3.33E+01	U
WG	SG-4	408921006	10/21/2016	Ce-141	-1.87E+00	2.38E+00	7.32E+00	U
WG	SG-4	408921006	10/21/2016	Ce-144	4.14E+00	8.94E+00	2.94E+01	U
WG	SG-4	408921006	10/21/2016	Co-57	1.63E+00	1.23E+00	4.16E+00	U
WG	SG-4	408921006	10/21/2016	Co-58	3.59E-01	1.44E+00	4.98E+00	U
WG	SG-4	408921006	10/21/2016	Co-60	3.49E-01	1.42E+00	4.79E+00	U
WG	SG-4	408921006	10/21/2016	Cr-51	7.86E+00	1.17E+01	3.96E+01	U
WG	SG-4	408921006	10/21/2016	Cs-134	-1.07E+00	1.18E+00	3.53E+00	U
WG	SG-4	408921006	10/21/2016	Cs-137	2.11E+00	1.19E+00	4.17E+00	U
WG	SG-4	408921006	10/21/2016	Fe-59	1.58E+00	2.55E+00	8.96E+00	U
WG	SG-4	408921006	10/21/2016	H-3	-1.50E+02	4.44E+02	1.48E+03	U
WG	SG-4	408921006	10/21/2016	I-131	8.72E+00	3.25E+00	1.01E+01	U
WG	SG-4	408921006	10/21/2016	K-40	1.85E+01	1.39E+01	5.02E+01	U
WG	SG-4	408921006	10/21/2016	La-140	1.92E+00	3.08E+00	9.60E+00	U
WG	SG-4	408921006	10/21/2016	Mn-54	7.39E-01	1.11E+00	3.93E+00	U
WG	SG-4	408921006	10/21/2016	Nb-95	-8.99E-01	1.42E+00	4.55E+00	U
WG	SG-4	408921006	10/21/2016	Ru-103	-3.66E+00	1.76E+00	4.07E+00	U
WG	SG-4	408921006	10/21/2016	Ru-106	-1.43E+01	1.21E+01	3.30E+01	U
WG	SG-4	408921006	10/21/2016	Sb-124	-1.61E-01	2.52E+00	8.11E+00	U
WG	SG-4	408921006	10/21/2016	Sb-125	5.77E+00	3.53E+00	1.20E+01	U
WG	SG-4	408921006	10/21/2016	Se-75	-1.13E+00	1.74E+00	4.86E+00	U
WG	SG-4	408921006	10/21/2016	Th-228	2.79E+00	4.12E+00	9.33E+00	U
WG	SG-4	408921006	10/21/2016	Zn-65	2.16E+00	1.94E+00	6.76E+00	U
WG	SG-4	408921006	10/21/2016	Zr-95	-5.48E+00	2.94E+00	6.60E+00	U
WG	SG-5	408921007	10/21/2016	Ac-228	5.60E+00	4.68E+00	1.76E+01	U
WG	SG-5	408921007	10/21/2016	Ag-108m	-1.06E+00	1.03E+00	3.06E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WG	SG-5	408921007	10/21/2016	Ag-110m	-1.35E+00	1.51E+00	4.36E+00	U
WG	SG-5	408921007	10/21/2016	Ba-140	-2.17E-01	6.81E+00	2.22E+01	U
WG	SG-5	408921007	10/21/2016	Be-7	-2.95E+00	1.00E+01	3.22E+01	U
WG	SG-5	408921007	10/21/2016	Ce-141	1.06E+00	2.41E+00	7.35E+00	U
WG	SG-5	408921007	10/21/2016	Ce-144	-2.00E+00	7.70E+00	2.44E+01	U
WG	SG-5	408921007	10/21/2016	Co-57	-4.57E-01	1.13E+00	3.56E+00	U
WG	SG-5	408921007	10/21/2016	Co-58	-1.26E+00	1.10E+00	3.22E+00	U
WG	SG-5	408921007	10/21/2016	Co-60	8.15E-01	9.68E-01	3.49E+00	U
WG	SG-5	408921007	10/21/2016	Cr-51	2.46E+00	1.17E+01	3.99E+01	U
WG	SG-5	408921007	10/21/2016	Cs-134	2.16E+00	1.45E+00	4.93E+00	U
WG	SG-5	408921007	10/21/2016	Cs-137	-3.71E-02	1.26E+00	4.06E+00	U
WG	SG-5	408921007	10/21/2016	Fe-59	2.19E+00	2.05E+00	7.44E+00	U
WG	SG-5	408921007	10/21/2016	H-3	1.43E+02	4.61E+02	1.50E+03	U
WG	SG-5	408921007	10/21/2016	I-131	4.35E+00	2.74E+00	9.32E+00	U
WG	SG-5	408921007	10/21/2016	K-40	-1.66E+01	1.54E+01	4.54E+01	U
WG	SG-5	408921007	10/21/2016	La-140	-3.80E-01	2.20E+00	6.89E+00	U
WG	SG-5	408921007	10/21/2016	Mn-54	1.63E+00	1.12E+00	4.04E+00	U
WG	SG-5	408921007	10/21/2016	Nb-95	-1.15E+00	1.53E+00	4.50E+00	U
WG	SG-5	408921007	10/21/2016	Ru-103	-1.95E+00	1.26E+00	3.34E+00	U
WG	SG-5	408921007	10/21/2016	Ru-106	-1.03E+01	9.85E+00	2.76E+01	U
WG	SG-5	408921007	10/21/2016	Sb-124	2.11E+00	3.06E+00	1.06E+01	U
WG	SG-5	408921007	10/21/2016	Sb-125	8.22E+00	6.89E+00	1.18E+01	U
WG	SG-5	408921007	10/21/2016	Se-75	7.87E-01	1.58E+00	5.47E+00	U
WG	SG-5	408921007	10/21/2016	Th-228	1.32E+01	4.20E+00	7.71E+00	
WG	SG-5	408921007	10/21/2016	Zn-65	-1.76E+00	2.30E+00	5.65E+00	U
WG	SG-5	408921007	10/21/2016	Zr-95	-5.51E-02	1.58E+00	5.02E+00	U
WG	SG-1	411391001	10/21/2016	ALPHA	-5.73E-01	1.18E+00	3.99E+00	U
WG	SG-1	411391001	10/21/2016	BETA	6.59E+00	1.08E+00	2.67E+00	
WG	SG-2	411391002	10/21/2016	ALPHA	-3.18E-01	1.03E+00	3.46E+00	U
WG	SG-2	411391002	10/21/2016	BETA	2.90E+00	8.54E-01	2.50E+00	M
WG	SG-4	411391003	10/21/2016	ALPHA	1.09E+00	1.23E+00	3.86E+00	U
WG	SG-4	411391003	10/21/2016	BETA	7.34E+00	1.11E+00	2.65E+00	
WG	SG-5	411391004	10/21/2016	ALPHA	1.65E+00	1.18E+00	3.52E+00	U
WG	SG-5	411391004	10/21/2016	BETA	4.91E+00	9.92E-01	2.69E+00	

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-2	390554001	1/31/2016	Ac-228	3.68E+00	4.51E+00	7.59E+00	U
WS	SWL-2	390554001	1/31/2016	Ag-108m	5.47E-01	4.85E-01	1.55E+00	U
WS	SWL-2	390554001	1/31/2016	Ag-110m	-4.77E-02	6.66E-01	2.19E+00	U
WS	SWL-2	390554001	1/31/2016	Ba-140	-1.61E+00	5.16E+00	1.73E+01	U
WS	SWL-2	390554001	1/31/2016	Be-7	6.56E+00	5.70E+00	1.82E+01	U
WS	SWL-2	390554001	1/31/2016	Ce-141	-1.00E+00	2.14E+00	4.48E+00	U
WS	SWL-2	390554001	1/31/2016	Ce-144	4.71E+00	3.93E+00	1.29E+01	U
WS	SWL-2	390554001	1/31/2016	Co-57	-2.24E-01	5.01E-01	1.68E+00	U
WS	SWL-2	390554001	1/31/2016	Co-58	-3.01E-02	5.86E-01	1.94E+00	U
WS	SWL-2	390554001	1/31/2016	Co-60	6.01E-01	6.19E-01	1.84E+00	U
WS	SWL-2	390554001	1/31/2016	Cr-51	-5.00E+00	7.08E+00	2.25E+01	U
WS	SWL-2	390554001	1/31/2016	Cs-134	3.83E-01	6.13E-01	2.04E+00	U
WS	SWL-2	390554001	1/31/2016	Cs-137	2.59E-01	5.34E-01	1.79E+00	U
WS	SWL-2	390554001	1/31/2016	Fe-59	1.74E+00	1.43E+00	4.63E+00	U
WS	SWL-2	390554001	1/31/2016	I-131	-3.60E+00	3.10E+00	9.46E+00	U
WS	SWL-2	390554001	1/31/2016	K-40	-1.03E+01	1.11E+01	2.50E+01	U
WS	SWL-2	390554001	1/31/2016	La-140	7.59E-01	1.86E+00	6.26E+00	U
WS	SWL-2	390554001	1/31/2016	Mn-54	2.84E-01	5.39E-01	1.79E+00	U
WS	SWL-2	390554001	1/31/2016	Nb-95	1.04E+00	6.50E-01	2.09E+00	U
WS	SWL-2	390554001	1/31/2016	Ru-103	-9.55E-01	7.21E-01	2.12E+00	U
WS	SWL-2	390554001	1/31/2016	Ru-106	-1.97E+01	7.90E+00	1.44E+01	U
WS	SWL-2	390554001	1/31/2016	Sb-124	2.39E-01	1.50E+00	4.98E+00	U
WS	SWL-2	390554001	1/31/2016	Sb-125	-4.45E-01	1.61E+00	4.48E+00	U
WS	SWL-2	390554001	1/31/2016	Se-75	-7.43E-01	8.28E-01	2.54E+00	U
WS	SWL-2	390554001	1/31/2016	Th-228	1.58E+00	1.73E+00	3.79E+00	U
WS	SWL-2	390554001	1/31/2016	Zn-65	7.88E-01	1.11E+00	3.66E+00	U
WS	SWL-2	390554001	1/31/2016	Zr-95	4.60E-01	1.07E+00	3.57E+00	U
WS	SWL-3	390554002	1/31/2016	Ac-228	-1.05E+01	4.51E+00	8.05E+00	U
WS	SWL-3	390554002	1/31/2016	Ag-108m	-2.06E-02	4.64E-01	1.56E+00	U
WS	SWL-3	390554002	1/31/2016	Ag-110m	-8.63E-01	1.12E+00	2.45E+00	U
WS	SWL-3	390554002	1/31/2016	Ba-140	-7.11E+00	5.79E+00	1.80E+01	U
WS	SWL-3	390554002	1/31/2016	Be-7	3.53E+00	5.55E+00	1.86E+01	U
WS	SWL-3	390554002	1/31/2016	Ce-141	1.57E+00	1.42E+00	4.57E+00	U
WS	SWL-3	390554002	1/31/2016	Ce-144	1.13E+00	4.00E+00	1.27E+01	U
WS	SWL-3	390554002	1/31/2016	Co-57	2.88E-01	5.37E-01	1.70E+00	U
WS	SWL-3	390554002	1/31/2016	Co-58	-8.74E-01	6.47E-01	1.91E+00	U
WS	SWL-3	390554002	1/31/2016	Co-60	5.95E-01	5.77E-01	1.89E+00	U
WS	SWL-3	390554002	1/31/2016	Cr-51	-6.04E+00	7.72E+00	2.44E+01	U
WS	SWL-3	390554002	1/31/2016	Cs-134	8.06E-01	6.37E-01	2.04E+00	U
WS	SWL-3	390554002	1/31/2016	Cs-137	2.30E-01	5.98E-01	1.97E+00	U
WS	SWL-3	390554002	1/31/2016	Fe-59	-1.76E+00	1.38E+00	4.18E+00	U
WS	SWL-3	390554002	1/31/2016	I-131	1.74E+00	3.27E+00	1.06E+01	U
WS	SWL-3	390554002	1/31/2016	K-40	-3.54E+01	1.40E+01	2.71E+01	U
WS	SWL-3	390554002	1/31/2016	La-140	-3.12E+00	1.91E+00	5.49E+00	U
WS	SWL-3	390554002	1/31/2016	Mn-54	-4.15E-01	5.61E-01	1.75E+00	U
WS	SWL-3	390554002	1/31/2016	Nb-95	-2.30E+00	1.31E+00	2.17E+00	U
WS	SWL-3	390554002	1/31/2016	Ru-103	-3.27E-01	8.25E-01	2.36E+00	U
WS	SWL-3	390554002	1/31/2016	Ru-106	-3.13E+00	5.26E+00	1.69E+01	U
WS	SWL-3	390554002	1/31/2016	Sb-124	-1.43E+00	1.44E+00	4.43E+00	U
WS	SWL-3	390554002	1/31/2016	Sb-125	1.49E+00	1.47E+00	4.92E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-3	390554002	1/31/2016	Se-75	-9.91E-01	8.28E-01	2.57E+00	U
WS	SWL-3	390554002	1/31/2016	Th-228	1.43E+00	1.79E+00	3.76E+00	U
WS	SWL-3	390554002	1/31/2016	Zn-65	-2.03E+00	1.37E+00	4.04E+00	U
WS	SWL-3	390554002	1/31/2016	Zr-95	4.36E-01	1.13E+00	3.70E+00	U
WS	SWL-2	392358001	2/29/2016	Ac-228	7.71E+00	1.03E+01	1.98E+01	U
WS	SWL-2	392358001	2/29/2016	Ag-108m	2.14E+00	1.32E+00	4.20E+00	U
WS	SWL-2	392358001	2/29/2016	Ag-110m	2.07E-01	1.75E+00	5.70E+00	U
WS	SWL-2	392358001	2/29/2016	Ba-140	-1.02E+00	1.18E+01	3.96E+01	U
WS	SWL-2	392358001	2/29/2016	Be-7	-1.24E+00	1.43E+01	4.57E+01	U
WS	SWL-2	392358001	2/29/2016	Ce-141	2.27E+00	3.62E+00	1.03E+01	U
WS	SWL-2	392358001	2/29/2016	Ce-144	2.63E+00	9.64E+00	3.09E+01	U
WS	SWL-2	392358001	2/29/2016	Co-57	-3.64E-01	1.19E+00	3.78E+00	U
WS	SWL-2	392358001	2/29/2016	Co-58	2.37E+00	1.78E+00	5.26E+00	U
WS	SWL-2	392358001	2/29/2016	Co-60	1.54E+00	2.17E+00	4.40E+00	U
WS	SWL-2	392358001	2/29/2016	Cr-51	-2.29E+01	1.99E+01	5.56E+01	U
WS	SWL-2	392358001	2/29/2016	Cs-134	-3.11E-01	1.60E+00	4.43E+00	U
WS	SWL-2	392358001	2/29/2016	Cs-137	7.45E-02	1.72E+00	4.94E+00	U
WS	SWL-2	392358001	2/29/2016	Fe-59	1.38E+00	3.81E+00	1.10E+01	U
WS	SWL-2	392358001	2/29/2016	I-131	-5.88E+00	6.38E+00	1.96E+01	U
WS	SWL-2	392358001	2/29/2016	K-40	9.57E+00	2.84E+01	6.40E+01	U
WS	SWL-2	392358001	2/29/2016	La-140	-3.33E-02	4.48E+00	1.45E+01	U
WS	SWL-2	392358001	2/29/2016	Mn-54	2.52E+00	1.59E+00	4.67E+00	U
WS	SWL-2	392358001	2/29/2016	Nb-95	-3.58E+00	2.10E+00	5.12E+00	U
WS	SWL-2	392358001	2/29/2016	Ru-103	-3.11E+00	1.89E+00	5.49E+00	U
WS	SWL-2	392358001	2/29/2016	Ru-106	2.67E+01	1.53E+01	4.49E+01	U
WS	SWL-2	392358001	2/29/2016	Sb-124	-7.73E-01	3.65E+00	1.20E+01	U
WS	SWL-2	392358001	2/29/2016	Sb-125	2.57E+00	3.79E+00	1.24E+01	U
WS	SWL-2	392358001	2/29/2016	Se-75	-3.68E-01	1.86E+00	6.11E+00	U
WS	SWL-2	392358001	2/29/2016	Th-228	5.86E-01	3.47E+00	9.13E+00	U
WS	SWL-2	392358001	2/29/2016	Zn-65	-5.40E-01	3.49E+00	9.88E+00	U
WS	SWL-2	392358001	2/29/2016	Zr-95	-1.93E+00	3.31E+00	8.92E+00	U
WS	SWL-3	392358002	2/29/2016	Ac-228	-4.85E+00	5.43E+00	1.57E+01	U
WS	SWL-3	392358002	2/29/2016	Ag-108m	-1.25E+00	1.19E+00	3.54E+00	U
WS	SWL-3	392358002	2/29/2016	Ag-110m	-2.47E-01	1.78E+00	4.90E+00	U
WS	SWL-3	392358002	2/29/2016	Ba-140	1.14E+01	1.18E+01	3.53E+01	U
WS	SWL-3	392358002	2/29/2016	Be-7	-8.00E+00	1.29E+01	4.19E+01	U
WS	SWL-3	392358002	2/29/2016	Ce-141	-3.26E+00	3.61E+00	9.66E+00	U
WS	SWL-3	392358002	2/29/2016	Ce-144	-6.79E+00	8.86E+00	2.91E+01	U
WS	SWL-3	392358002	2/29/2016	Co-57	-2.17E+00	1.34E+00	3.78E+00	U
WS	SWL-3	392358002	2/29/2016	Co-58	1.44E+00	1.53E+00	4.49E+00	U
WS	SWL-3	392358002	2/29/2016	Co-60	-6.81E-01	1.37E+00	4.34E+00	U
WS	SWL-3	392358002	2/29/2016	Cr-51	6.20E+00	1.61E+01	5.30E+01	U
WS	SWL-3	392358002	2/29/2016	Cs-134	7.78E-01	1.25E+00	4.18E+00	U
WS	SWL-3	392358002	2/29/2016	Cs-137	4.00E+00	1.91E+00	4.09E+00	U
WS	SWL-3	392358002	2/29/2016	Fe-59	3.46E-01	3.18E+00	1.07E+01	U
WS	SWL-3	392358002	2/29/2016	I-131	1.77E+00	5.96E+00	1.94E+01	U
WS	SWL-3	392358002	2/29/2016	K-40	-5.38E+00	1.69E+01	5.33E+01	U
WS	SWL-3	392358002	2/29/2016	La-140	4.95E+00	4.71E+00	1.40E+01	U
WS	SWL-3	392358002	2/29/2016	Mn-54	-7.40E-01	1.23E+00	3.83E+00	U
WS	SWL-3	392358002	2/29/2016	Nb-95	1.27E-01	1.32E+00	4.32E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-3	392358002	2/29/2016	Ru-103	3.12E-01	1.68E+00	4.95E+00	U
WS	SWL-3	392358002	2/29/2016	Ru-106	1.45E+01	1.16E+01	3.48E+01	U
WS	SWL-3	392358002	2/29/2016	Sb-124	3.30E+00	3.94E+00	1.22E+01	U
WS	SWL-3	392358002	2/29/2016	Sb-125	-2.03E-01	3.30E+00	1.06E+01	U
WS	SWL-3	392358002	2/29/2016	Se-75	-1.29E+00	1.84E+00	5.87E+00	U
WS	SWL-3	392358002	2/29/2016	Th-228	2.49E+00	3.28E+00	8.54E+00	U
WS	SWL-3	392358002	2/29/2016	Zn-65	5.72E-01	2.84E+00	8.27E+00	U
WS	SWL-3	392358002	2/29/2016	Zr-95	3.05E+00	2.25E+00	7.50E+00	U
WS	SWL-2	394511002	3/31/2016	H-3	-1.26E+02	4.41E+02	1.47E+03	U
WS	SWL-3	394511004	3/31/2016	H-3	6.57E+01	4.47E+02	1.46E+03	U
WS	SWL-2	394511001	3/31/2016	Ac-228	-1.50E+00	3.62E+00	8.25E+00	U
WS	SWL-2	394511001	3/31/2016	Ag-108m	1.28E+00	5.77E-01	1.74E+00	U
WS	SWL-2	394511001	3/31/2016	Ag-110m	1.29E+00	7.43E-01	2.57E+00	U
WS	SWL-2	394511001	3/31/2016	Ba-140	5.14E-01	5.91E+00	1.97E+01	U
WS	SWL-2	394511001	3/31/2016	Be-7	3.96E+00	5.64E+00	1.89E+01	U
WS	SWL-2	394511001	3/31/2016	Ce-141	-1.21E-01	1.38E+00	4.53E+00	U
WS	SWL-2	394511001	3/31/2016	Ce-144	2.87E+00	4.14E+00	1.31E+01	U
WS	SWL-2	394511001	3/31/2016	Co-57	-1.55E-02	5.41E-01	1.72E+00	U
WS	SWL-2	394511001	3/31/2016	Co-58	-3.48E-01	7.52E-01	2.05E+00	U
WS	SWL-2	394511001	3/31/2016	Co-60	-1.82E-02	5.76E-01	1.87E+00	U
WS	SWL-2	394511001	3/31/2016	Cr-51	-1.09E+01	8.12E+00	2.45E+01	U
WS	SWL-2	394511001	3/31/2016	Cs-134	7.29E-01	5.05E-01	1.94E+00	U
WS	SWL-2	394511001	3/31/2016	Cs-137	1.75E+00	7.82E-01	1.90E+00	U
WS	SWL-2	394511001	3/31/2016	Fe-59	2.36E+00	1.49E+00	4.77E+00	U
WS	SWL-2	394511001	3/31/2016	I-131	1.56E+00	3.89E+00	1.10E+01	U
WS	SWL-2	394511001	3/31/2016	K-40	2.17E+00	1.25E+01	2.82E+01	U
WS	SWL-2	394511001	3/31/2016	La-140	-9.63E+00	5.20E+00	5.71E+00	U
WS	SWL-2	394511001	3/31/2016	Mn-54	3.26E-01	6.52E-01	1.83E+00	U
WS	SWL-2	394511001	3/31/2016	Nb-95	4.59E-01	1.49E+00	2.04E+00	U
WS	SWL-2	394511001	3/31/2016	Ru-103	5.24E-01	7.75E-01	2.53E+00	U
WS	SWL-2	394511001	3/31/2016	Ru-106	1.04E+01	6.01E+00	1.73E+01	U
WS	SWL-2	394511001	3/31/2016	Sb-124	7.33E-01	1.53E+00	5.15E+00	U
WS	SWL-2	394511001	3/31/2016	Sb-125	6.27E-01	1.46E+00	4.94E+00	U
WS	SWL-2	394511001	3/31/2016	Se-75	1.84E-01	8.35E-01	2.75E+00	U
WS	SWL-2	394511001	3/31/2016	Th-228	6.37E-01	1.82E+00	3.73E+00	U
WS	SWL-2	394511001	3/31/2016	Zn-65	-3.29E+00	1.46E+00	3.74E+00	U
WS	SWL-2	394511001	3/31/2016	Zr-95	4.10E-01	1.21E+00	3.96E+00	U
WS	SWL-3	394511003	3/31/2016	Ac-228	2.43E+00	3.48E+00	6.04E+00	U
WS	SWL-3	394511003	3/31/2016	Ag-108m	7.10E-01	4.28E-01	1.35E+00	U
WS	SWL-3	394511003	3/31/2016	Ag-110m	1.82E+00	8.93E-01	1.83E+00	U
WS	SWL-3	394511003	3/31/2016	Ba-140	1.36E+01	5.84E+00	1.69E+01	U
WS	SWL-3	394511003	3/31/2016	Be-7	-3.25E+00	4.65E+00	1.49E+01	U
WS	SWL-3	394511003	3/31/2016	Ce-141	9.78E-01	1.23E+00	3.77E+00	U
WS	SWL-3	394511003	3/31/2016	Ce-144	5.37E+00	3.45E+00	1.07E+01	U
WS	SWL-3	394511003	3/31/2016	Co-57	3.52E-01	4.24E-01	1.37E+00	U
WS	SWL-3	394511003	3/31/2016	Co-58	1.08E-01	4.47E-01	1.51E+00	U
WS	SWL-3	394511003	3/31/2016	Co-60	-8.86E-01	7.84E-01	1.55E+00	U
WS	SWL-3	394511003	3/31/2016	Cr-51	-8.04E+00	6.44E+00	2.03E+01	U
WS	SWL-3	394511003	3/31/2016	Cs-134	1.41E-01	4.35E-01	1.47E+00	U
WS	SWL-3	394511003	3/31/2016	Cs-137	1.09E+00	5.04E-01	1.41E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-3	394511003	3/31/2016	Fe-59	2.19E-01	1.03E+00	3.42E+00	U
WS	SWL-3	394511003	3/31/2016	I-131	1.48E-01	2.89E+00	9.64E+00	U
WS	SWL-3	394511003	3/31/2016	K-40	-1.47E+01	9.26E+00	2.11E+01	U
WS	SWL-3	394511003	3/31/2016	La-140	-1.80E+00	1.60E+00	4.95E+00	U
WS	SWL-3	394511003	3/31/2016	Mn-54	4.37E-01	4.10E-01	1.37E+00	U
WS	SWL-3	394511003	3/31/2016	Nb-95	5.02E-01	4.82E-01	1.62E+00	U
WS	SWL-3	394511003	3/31/2016	Ru-103	2.65E-01	6.48E-01	1.88E+00	U
WS	SWL-3	394511003	3/31/2016	Ru-106	-3.65E+00	4.13E+00	1.28E+01	U
WS	SWL-3	394511003	3/31/2016	Sb-124	-8.31E-01	1.36E+00	3.74E+00	U
WS	SWL-3	394511003	3/31/2016	Sb-125	4.89E-01	1.21E+00	4.02E+00	U
WS	SWL-3	394511003	3/31/2016	Se-75	-1.16E+00	7.06E-01	2.16E+00	U
WS	SWL-3	394511003	3/31/2016	Th-228	1.70E+00	1.73E+00	3.23E+00	U
WS	SWL-3	394511003	3/31/2016	Zn-65	-1.77E+00	1.07E+00	3.04E+00	U
WS	SWL-3	394511003	3/31/2016	Zr-95	-1.14E+00	8.64E-01	2.68E+00	U
WS	SWL-2	396646001	4/30/2016	Ac-228	-2.52E+00	6.48E+00	2.02E+01	U
WS	SWL-2	396646001	4/30/2016	Ag-108m	1.23E-01	1.26E+00	4.12E+00	U
WS	SWL-2	396646001	4/30/2016	Ag-110m	3.01E+00	2.69E+00	8.29E+00	U
WS	SWL-2	396646001	4/30/2016	Ba-140	1.75E+01	1.69E+01	5.67E+01	U
WS	SWL-2	396646001	4/30/2016	Be-7	9.54E+00	1.50E+01	5.01E+01	U
WS	SWL-2	396646001	4/30/2016	Ce-141	2.94E+00	3.34E+00	1.10E+01	U
WS	SWL-2	396646001	4/30/2016	Ce-144	4.63E+00	9.99E+00	3.30E+01	U
WS	SWL-2	396646001	4/30/2016	Co-57	3.56E+00	3.47E+00	4.25E+00	U
WS	SWL-2	396646001	4/30/2016	Co-58	-8.38E-03	1.52E+00	5.01E+00	U
WS	SWL-2	396646001	4/30/2016	Co-60	-6.74E-01	1.58E+00	4.95E+00	U
WS	SWL-2	396646001	4/30/2016	Cr-51	1.17E+01	1.82E+01	6.21E+01	U
WS	SWL-2	396646001	4/30/2016	Cs-134	6.15E-01	1.48E+00	4.48E+00	U
WS	SWL-2	396646001	4/30/2016	Cs-137	4.40E-01	1.43E+00	4.88E+00	U
WS	SWL-2	396646001	4/30/2016	Fe-59	1.89E+00	3.83E+00	1.18E+01	U
WS	SWL-2	396646001	4/30/2016	I-131	-6.75E+00	7.58E+00	2.31E+01	U
WS	SWL-2	396646001	4/30/2016	K-40	-3.02E+01	1.94E+01	5.75E+01	U
WS	SWL-2	396646001	4/30/2016	La-140	-3.99E+00	4.53E+00	1.23E+01	U
WS	SWL-2	396646001	4/30/2016	Mn-54	-1.48E+00	1.43E+00	4.10E+00	U
WS	SWL-2	396646001	4/30/2016	Nb-95	2.45E+00	1.82E+00	6.32E+00	U
WS	SWL-2	396646001	4/30/2016	Ru-103	-5.75E+00	2.53E+00	5.61E+00	U
WS	SWL-2	396646001	4/30/2016	Ru-106	-4.62E+00	1.40E+01	3.92E+01	U
WS	SWL-2	396646001	4/30/2016	Sb-124	5.08E+00	4.49E+00	1.50E+01	U
WS	SWL-2	396646001	4/30/2016	Sb-125	-7.58E-01	3.60E+00	1.16E+01	U
WS	SWL-2	396646001	4/30/2016	Se-75	-1.44E+00	2.04E+00	6.55E+00	U
WS	SWL-2	396646001	4/30/2016	Th-228	-2.62E+00	3.10E+00	1.02E+01	U
WS	SWL-2	396646001	4/30/2016	Zn-65	5.21E+00	2.88E+00	1.21E+01	U
WS	SWL-2	396646001	4/30/2016	Zr-95	-1.47E+00	2.98E+00	9.39E+00	U
WS	SWL-3	396646002	4/30/2016	Ac-228	1.79E+00	4.45E+00	1.36E+01	U
WS	SWL-3	396646002	4/30/2016	Ag-108m	-1.17E+00	8.79E-01	2.53E+00	U
WS	SWL-3	396646002	4/30/2016	Ag-110m	-2.08E+00	1.30E+00	3.45E+00	U
WS	SWL-3	396646002	4/30/2016	Ba-140	1.12E+01	9.43E+00	3.11E+01	U
WS	SWL-3	396646002	4/30/2016	Be-7	1.52E+00	9.15E+00	2.98E+01	U
WS	SWL-3	396646002	4/30/2016	Ce-141	-5.34E+00	3.78E+00	7.10E+00	U
WS	SWL-3	396646002	4/30/2016	Ce-144	-7.42E+00	7.05E+00	2.13E+01	U
WS	SWL-3	396646002	4/30/2016	Co-57	-6.32E-01	8.82E-01	2.75E+00	U
WS	SWL-3	396646002	4/30/2016	Co-58	-2.29E+00	1.26E+00	3.31E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-3	396646002	4/30/2016	Co-60	4.21E-01	9.94E-01	3.39E+00	U
WS	SWL-3	396646002	4/30/2016	Cr-51	-1.72E+01	1.27E+01	3.78E+01	U
WS	SWL-3	396646002	4/30/2016	Cs-134	1.22E+00	1.06E+00	3.59E+00	U
WS	SWL-3	396646002	4/30/2016	Cs-137	-2.91E-01	1.00E+00	3.30E+00	U
WS	SWL-3	396646002	4/30/2016	Fe-59	-1.47E+00	2.40E+00	7.28E+00	U
WS	SWL-3	396646002	4/30/2016	I-131	-1.96E+00	6.02E+00	1.82E+01	U
WS	SWL-3	396646002	4/30/2016	K-40	3.60E+01	1.37E+01	4.44E+01	U
WS	SWL-3	396646002	4/30/2016	La-140	1.70E+00	3.49E+00	1.18E+01	U
WS	SWL-3	396646002	4/30/2016	Mn-54	1.64E-01	8.47E-01	2.82E+00	U
WS	SWL-3	396646002	4/30/2016	Nb-95	1.39E-01	1.06E+00	3.54E+00	U
WS	SWL-3	396646002	4/30/2016	Ru-103	-3.16E+00	1.41E+00	3.28E+00	U
WS	SWL-3	396646002	4/30/2016	Ru-106	-6.27E+00	8.76E+00	2.80E+01	U
WS	SWL-3	396646002	4/30/2016	Sb-124	-5.72E+00	2.67E+00	5.09E+00	U
WS	SWL-3	396646002	4/30/2016	Sb-125	-9.98E-02	2.63E+00	8.55E+00	U
WS	SWL-3	396646002	4/30/2016	Se-75	-5.13E-01	1.30E+00	4.28E+00	U
WS	SWL-3	396646002	4/30/2016	Th-228	5.81E+00	2.68E+00	6.71E+00	U
WS	SWL-3	396646002	4/30/2016	Zn-65	-1.95E+00	2.13E+00	5.04E+00	U
WS	SWL-3	396646002	4/30/2016	Zr-95	1.39E+00	1.81E+00	6.19E+00	U
WS	SWL-2	398615001	5/31/2016	Ac-228	2.30E+00	3.13E+00	7.10E+00	U
WS	SWL-2	398615001	5/31/2016	Ag-108m	-5.50E-02	4.24E-01	1.38E+00	U
WS	SWL-2	398615001	5/31/2016	Ag-110m	1.50E+00	9.48E-01	2.30E+00	U
WS	SWL-2	398615001	5/31/2016	Ba-140	-1.01E+01	6.26E+00	1.77E+01	U
WS	SWL-2	398615001	5/31/2016	Be-7	-1.66E+01	8.81E+00	1.60E+01	U
WS	SWL-2	398615001	5/31/2016	Ce-141	1.34E+00	2.01E+00	3.76E+00	U
WS	SWL-2	398615001	5/31/2016	Ce-144	1.10E+00	3.33E+00	1.09E+01	U
WS	SWL-2	398615001	5/31/2016	Co-57	-3.49E-01	4.39E-01	1.40E+00	U
WS	SWL-2	398615001	5/31/2016	Co-58	-1.25E+00	1.25E+00	1.81E+00	U
WS	SWL-2	398615001	5/31/2016	Co-60	-1.05E-01	5.13E-01	1.68E+00	U
WS	SWL-2	398615001	5/31/2016	Cr-51	2.19E+00	7.05E+00	2.36E+01	U
WS	SWL-2	398615001	5/31/2016	Cs-134	8.59E-01	5.71E-01	1.85E+00	U
WS	SWL-2	398615001	5/31/2016	Cs-137	5.78E-01	4.92E-01	1.64E+00	U
WS	SWL-2	398615001	5/31/2016	Fe-59	3.34E-01	1.30E+00	4.41E+00	U
WS	SWL-2	398615001	5/31/2016	I-131	-2.16E+00	3.58E+00	1.16E+01	U
WS	SWL-2	398615001	5/31/2016	K-40	2.62E+01	1.07E+01	1.76E+01	UI
WS	SWL-2	398615001	5/31/2016	La-140	3.53E+00	2.60E+00	7.50E+00	U
WS	SWL-2	398615001	5/31/2016	Mn-54	-2.92E-02	5.01E-01	1.64E+00	U
WS	SWL-2	398615001	5/31/2016	Nb-95	-2.23E-03	6.12E-01	2.03E+00	U
WS	SWL-2	398615001	5/31/2016	Ru-103	3.08E-01	7.61E-01	2.17E+00	U
WS	SWL-2	398615001	5/31/2016	Ru-106	3.90E+00	4.31E+00	1.45E+01	U
WS	SWL-2	398615001	5/31/2016	Sb-124	-1.12E-01	1.60E+00	5.17E+00	U
WS	SWL-2	398615001	5/31/2016	Sb-125	-2.18E+00	1.43E+00	4.19E+00	U
WS	SWL-2	398615001	5/31/2016	Se-75	-3.45E-01	6.81E-01	2.26E+00	U
WS	SWL-2	398615001	5/31/2016	Th-228	1.64E+00	1.84E+00	2.93E+00	U
WS	SWL-2	398615001	5/31/2016	Zn-65	-5.02E-01	1.21E+00	3.42E+00	U
WS	SWL-2	398615001	5/31/2016	Zr-95	5.94E-01	1.04E+00	3.46E+00	U
WS	SWL-3	398615002	5/31/2016	Ac-228	-3.07E+00	2.81E+00	6.36E+00	U
WS	SWL-3	398615002	5/31/2016	Ag-108m	2.10E-01	4.31E-01	1.39E+00	U
WS	SWL-3	398615002	5/31/2016	Ag-110m	-9.45E-02	6.16E-01	1.99E+00	U
WS	SWL-3	398615002	5/31/2016	Ba-140	-3.03E-02	5.35E+00	1.79E+01	U
WS	SWL-3	398615002	5/31/2016	Be-7	4.04E+00	4.96E+00	1.67E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-3	398615002	5/31/2016	Ce-141	1.77E+00	1.42E+00	4.30E+00	U
WS	SWL-3	398615002	5/31/2016	Ce-144	-1.94E+00	3.60E+00	1.19E+01	U
WS	SWL-3	398615002	5/31/2016	Co-57	5.14E-01	4.79E-01	1.58E+00	U
WS	SWL-3	398615002	5/31/2016	Co-58	-4.38E-01	5.20E-01	1.62E+00	U
WS	SWL-3	398615002	5/31/2016	Co-60	3.50E-01	4.86E-01	1.63E+00	U
WS	SWL-3	398615002	5/31/2016	Cr-51	-5.72E+00	8.54E+00	2.36E+01	U
WS	SWL-3	398615002	5/31/2016	Cs-134	-3.92E-01	5.71E-01	1.55E+00	U
WS	SWL-3	398615002	5/31/2016	Cs-137	2.15E-02	4.75E-01	1.57E+00	U
WS	SWL-3	398615002	5/31/2016	Fe-59	9.41E-01	1.15E+00	3.90E+00	U
WS	SWL-3	398615002	5/31/2016	I-131	2.74E-01	3.58E+00	1.16E+01	U
WS	SWL-3	398615002	5/31/2016	K-40	6.74E+00	1.11E+01	1.43E+01	U
WS	SWL-3	398615002	5/31/2016	La-140	-2.71E+00	2.02E+00	5.93E+00	U
WS	SWL-3	398615002	5/31/2016	Mn-54	-3.07E-01	4.76E-01	1.51E+00	U
WS	SWL-3	398615002	5/31/2016	Nb-95	1.60E+00	7.16E-01	1.91E+00	U
WS	SWL-3	398615002	5/31/2016	Ru-103	3.45E-01	7.31E-01	2.16E+00	U
WS	SWL-3	398615002	5/31/2016	Ru-106	4.15E+00	4.52E+00	1.50E+01	U
WS	SWL-3	398615002	5/31/2016	Sb-124	-6.48E-01	1.63E+00	4.42E+00	U
WS	SWL-3	398615002	5/31/2016	Sb-125	1.53E+00	1.35E+00	4.28E+00	U
WS	SWL-3	398615002	5/31/2016	Se-75	-1.32E+00	8.12E-01	2.39E+00	U
WS	SWL-3	398615002	5/31/2016	Th-228	2.13E+00	1.60E+00	3.52E+00	U
WS	SWL-3	398615002	5/31/2016	Zn-65	4.22E-01	1.06E+00	3.12E+00	U
WS	SWL-3	398615002	5/31/2016	Zr-95	1.15E+00	9.77E-01	3.20E+00	U
WS	SWL-2	400814002	6/30/2016	H-3	1.50E+02	3.11E+02	9.99E+02	U
WS	SWL-3	400814004	6/30/2016	H-3	2.19E+02	2.96E+02	9.36E+02	U
WS	SWL-2	400814001	6/30/2016	Ac-228	-1.62E+00	3.76E+00	6.06E+00	U
WS	SWL-2	400814001	6/30/2016	Ag-108m	-8.99E-02	3.89E-01	1.24E+00	U
WS	SWL-2	400814001	6/30/2016	Ag-110m	2.74E-01	5.96E-01	1.94E+00	U
WS	SWL-2	400814001	6/30/2016	Ba-140	-1.79E-01	6.39E+00	2.14E+01	U
WS	SWL-2	400814001	6/30/2016	Be-7	-1.05E-01	4.81E+00	1.62E+01	U
WS	SWL-2	400814001	6/30/2016	Ce-141	1.40E+00	1.27E+00	3.94E+00	U
WS	SWL-2	400814001	6/30/2016	Ce-144	-4.17E+00	3.20E+00	9.56E+00	U
WS	SWL-2	400814001	6/30/2016	Co-57	7.13E-01	3.93E-01	1.27E+00	U
WS	SWL-2	400814001	6/30/2016	Co-58	6.64E-01	6.08E-01	1.72E+00	U
WS	SWL-2	400814001	6/30/2016	Co-60	-2.80E-01	4.52E-01	1.43E+00	U
WS	SWL-2	400814001	6/30/2016	Cr-51	7.74E+00	7.86E+00	2.24E+01	U
WS	SWL-2	400814001	6/30/2016	Cs-134	4.59E-01	4.79E-01	1.56E+00	U
WS	SWL-2	400814001	6/30/2016	Cs-137	2.06E-02	4.39E-01	1.45E+00	U
WS	SWL-2	400814001	6/30/2016	Fe-59	-4.02E-01	1.17E+00	3.83E+00	U
WS	SWL-2	400814001	6/30/2016	I-131	1.06E+00	4.59E+00	1.50E+01	U
WS	SWL-2	400814001	6/30/2016	K-40	-5.89E+00	8.81E+00	1.96E+01	U
WS	SWL-2	400814001	6/30/2016	La-140	2.33E+00	2.11E+00	7.10E+00	U
WS	SWL-2	400814001	6/30/2016	Mn-54	-5.61E-02	4.28E-01	1.38E+00	U
WS	SWL-2	400814001	6/30/2016	Nb-95	1.53E-01	8.36E-01	1.80E+00	U
WS	SWL-2	400814001	6/30/2016	Ru-103	-8.01E-01	7.39E-01	2.03E+00	U
WS	SWL-2	400814001	6/30/2016	Ru-106	6.94E+00	4.21E+00	1.34E+01	U
WS	SWL-2	400814001	6/30/2016	Sb-124	2.90E-01	1.19E+00	3.99E+00	U
WS	SWL-2	400814001	6/30/2016	Sb-125	-8.22E-01	1.19E+00	3.72E+00	U
WS	SWL-2	400814001	6/30/2016	Se-75	-4.60E-01	6.62E-01	2.14E+00	U
WS	SWL-2	400814001	6/30/2016	Th-228	3.86E+00	1.77E+00	3.28E+00	UI
WS	SWL-2	400814001	6/30/2016	Zn-65	8.90E-01	9.76E-01	2.83E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-2	400814001	6/30/2016	Zr-95	2.02E+00	1.22E+00	3.13E+00	U
WS	SWL-3	400814003	6/30/2016	Ac-228	-9.22E-01	3.09E+00	5.83E+00	U
WS	SWL-3	400814003	6/30/2016	Ag-108m	-1.42E-01	3.75E-01	1.25E+00	U
WS	SWL-3	400814003	6/30/2016	Ag-110m	3.18E-01	5.57E-01	1.89E+00	U
WS	SWL-3	400814003	6/30/2016	Ba-140	-5.34E+00	6.18E+00	1.97E+01	U
WS	SWL-3	400814003	6/30/2016	Be-7	8.49E+00	5.42E+00	1.49E+01	U
WS	SWL-3	400814003	6/30/2016	Ce-141	1.32E+00	1.92E+00	4.18E+00	U
WS	SWL-3	400814003	6/30/2016	Ce-144	7.13E+00	3.52E+00	1.07E+01	U
WS	SWL-3	400814003	6/30/2016	Co-57	7.29E-01	4.35E-01	1.38E+00	U
WS	SWL-3	400814003	6/30/2016	Co-58	-3.66E-01	5.41E-01	1.64E+00	U
WS	SWL-3	400814003	6/30/2016	Co-60	-1.70E-01	4.45E-01	1.43E+00	U
WS	SWL-3	400814003	6/30/2016	Cr-51	-3.24E+00	7.45E+00	2.30E+01	U
WS	SWL-3	400814003	6/30/2016	Cs-134	-1.05E-01	5.39E-01	1.57E+00	U
WS	SWL-3	400814003	6/30/2016	Cs-137	6.95E-01	1.09E+00	1.33E+00	U
WS	SWL-3	400814003	6/30/2016	Fe-59	1.96E+00	1.24E+00	3.98E+00	U
WS	SWL-3	400814003	6/30/2016	I-131	2.49E+00	5.08E+00	1.58E+01	U
WS	SWL-3	400814003	6/30/2016	K-40	1.31E+01	1.13E+01	1.38E+01	U
WS	SWL-3	400814003	6/30/2016	La-140	4.51E-01	2.20E+00	7.41E+00	U
WS	SWL-3	400814003	6/30/2016	Mn-54	-1.16E-01	4.57E-01	1.46E+00	U
WS	SWL-3	400814003	6/30/2016	Nb-95	3.59E-02	5.45E-01	1.77E+00	U
WS	SWL-3	400814003	6/30/2016	Ru-103	2.33E-01	7.31E-01	2.14E+00	U
WS	SWL-3	400814003	6/30/2016	Ru-106	-2.12E-01	3.97E+00	1.30E+01	U
WS	SWL-3	400814003	6/30/2016	Sb-124	-3.54E-01	1.25E+00	4.10E+00	U
WS	SWL-3	400814003	6/30/2016	Sb-125	1.05E+00	1.20E+00	4.01E+00	U
WS	SWL-3	400814003	6/30/2016	Se-75	2.49E-01	7.03E-01	2.23E+00	U
WS	SWL-3	400814003	6/30/2016	Th-228	-2.91E-01	1.40E+00	3.11E+00	U
WS	SWL-3	400814003	6/30/2016	Zn-65	-3.47E-02	9.14E-01	3.02E+00	U
WS	SWL-3	400814003	6/30/2016	Zr-95	-8.92E-02	9.17E-01	2.97E+00	U
WS	SWL-2	402876001	7/31/2016	Ac-228	-4.88E+00	5.24E+00	1.03E+01	U
WS	SWL-2	402876001	7/31/2016	Ag-108m	1.04E+00	6.37E-01	2.04E+00	U
WS	SWL-2	402876001	7/31/2016	Ag-110m	-1.62E+00	1.16E+00	3.07E+00	U
WS	SWL-2	402876001	7/31/2016	Ba-140	-1.49E+01	7.64E+00	2.07E+01	U
WS	SWL-2	402876001	7/31/2016	Be-7	2.52E-01	6.78E+00	2.24E+01	U
WS	SWL-2	402876001	7/31/2016	Ce-141	-2.37E+00	1.89E+00	4.48E+00	U
WS	SWL-2	402876001	7/31/2016	Ce-144	3.63E+00	4.07E+00	1.34E+01	U
WS	SWL-2	402876001	7/31/2016	Co-57	-1.01E+00	5.71E-01	1.69E+00	U
WS	SWL-2	402876001	7/31/2016	Co-58	-1.82E-01	7.07E-01	2.33E+00	U
WS	SWL-2	402876001	7/31/2016	Co-60	-1.16E-01	7.51E-01	2.50E+00	U
WS	SWL-2	402876001	7/31/2016	Cr-51	-4.34E+00	7.96E+00	2.64E+01	U
WS	SWL-2	402876001	7/31/2016	Cs-134	1.15E+00	7.88E-01	2.61E+00	U
WS	SWL-2	402876001	7/31/2016	Cs-137	1.31E-01	6.99E-01	2.26E+00	U
WS	SWL-2	402876001	7/31/2016	Fe-59	3.33E+00	1.93E+00	6.18E+00	U
WS	SWL-2	402876001	7/31/2016	I-131	-2.04E-01	3.46E+00	1.16E+01	U
WS	SWL-2	402876001	7/31/2016	K-40	1.59E+01	1.21E+01	2.28E+01	U
WS	SWL-2	402876001	7/31/2016	La-140	-2.71E-01	2.41E+00	7.87E+00	U
WS	SWL-2	402876001	7/31/2016	Mn-54	2.02E-01	6.50E-01	2.18E+00	U
WS	SWL-2	402876001	7/31/2016	Nb-95	1.55E+00	8.46E-01	2.74E+00	U
WS	SWL-2	402876001	7/31/2016	Ru-103	-3.71E-01	9.11E-01	2.94E+00	U
WS	SWL-2	402876001	7/31/2016	Ru-106	-1.16E+01	9.64E+00	1.97E+01	U
WS	SWL-2	402876001	7/31/2016	Sb-124	-1.58E+00	1.91E+00	5.83E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-2	402876001	7/31/2016	Sb-125	1.38E+00	1.75E+00	5.82E+00	U
WS	SWL-2	402876001	7/31/2016	Se-75	-4.15E-01	8.94E-01	2.80E+00	U
WS	SWL-2	402876001	7/31/2016	Th-228	3.65E+00	2.63E+00	3.61E+00	UI
WS	SWL-2	402876001	7/31/2016	Zn-65	2.25E-02	1.59E+00	5.16E+00	U
WS	SWL-2	402876001	7/31/2016	Zr-95	2.97E-01	1.28E+00	4.33E+00	U
WS	SWL-3	402876002	7/31/2016	Ac-228	-1.54E+00	3.64E+00	7.87E+00	U
WS	SWL-3	402876002	7/31/2016	Ag-108m	-2.48E-01	4.85E-01	1.57E+00	U
WS	SWL-3	402876002	7/31/2016	Ag-110m	-5.05E-01	7.61E-01	2.40E+00	U
WS	SWL-3	402876002	7/31/2016	Ba-140	-6.41E+00	5.90E+00	1.80E+01	U
WS	SWL-3	402876002	7/31/2016	Be-7	5.41E+00	5.78E+00	1.89E+01	U
WS	SWL-3	402876002	7/31/2016	Ce-141	2.69E+00	1.44E+00	4.32E+00	U
WS	SWL-3	402876002	7/31/2016	Ce-144	2.13E+00	3.68E+00	1.23E+01	U
WS	SWL-3	402876002	7/31/2016	Co-57	-6.79E-01	5.26E-01	1.66E+00	U
WS	SWL-3	402876002	7/31/2016	Co-58	-1.86E-01	7.13E-01	1.99E+00	U
WS	SWL-3	402876002	7/31/2016	Co-60	-9.09E-01	7.17E-01	1.76E+00	U
WS	SWL-3	402876002	7/31/2016	Cr-51	-2.49E+00	7.23E+00	2.41E+01	U
WS	SWL-3	402876002	7/31/2016	Cs-134	5.20E-03	6.77E-01	1.92E+00	U
WS	SWL-3	402876002	7/31/2016	Cs-137	2.99E-01	5.35E-01	1.80E+00	U
WS	SWL-3	402876002	7/31/2016	Fe-59	1.91E+00	1.45E+00	4.79E+00	U
WS	SWL-3	402876002	7/31/2016	I-131	-6.36E+00	3.94E+00	1.01E+01	U
WS	SWL-3	402876002	7/31/2016	K-40	-1.92E+01	1.15E+01	2.40E+01	U
WS	SWL-3	402876002	7/31/2016	La-140	-3.95E+00	2.14E+00	5.90E+00	U
WS	SWL-3	402876002	7/31/2016	Mn-54	-1.15E+00	1.09E+00	1.91E+00	U
WS	SWL-3	402876002	7/31/2016	Nb-95	8.28E-01	6.74E-01	2.21E+00	U
WS	SWL-3	402876002	7/31/2016	Ru-103	1.00E+00	9.00E-01	2.54E+00	U
WS	SWL-3	402876002	7/31/2016	Ru-106	-1.30E+00	4.99E+00	1.66E+01	U
WS	SWL-3	402876002	7/31/2016	Sb-124	-4.83E-01	1.63E+00	5.33E+00	U
WS	SWL-3	402876002	7/31/2016	Sb-125	-1.79E+00	1.57E+00	4.86E+00	U
WS	SWL-3	402876002	7/31/2016	Se-75	-1.44E-01	8.03E-01	2.58E+00	U
WS	SWL-3	402876002	7/31/2016	Th-228	4.20E+00	2.23E+00	4.06E+00	UI
WS	SWL-3	402876002	7/31/2016	Zn-65	2.60E+00	1.79E+00	4.02E+00	U
WS	SWL-3	402876002	7/31/2016	Zr-95	6.21E-01	1.10E+00	3.68E+00	U
WS	SWL-2	405173001	8/31/2016	Ac-228	-3.29E+00	3.03E+00	7.15E+00	U
WS	SWL-2	405173001	8/31/2016	Ag-108m	-4.20E-01	4.17E-01	1.30E+00	U
WS	SWL-2	405173001	8/31/2016	Ag-110m	-3.26E-01	6.09E-01	2.00E+00	U
WS	SWL-2	405173001	8/31/2016	Ba-140	3.62E+00	6.55E+00	2.17E+01	U
WS	SWL-2	405173001	8/31/2016	Be-7	1.06E+01	6.19E+00	1.80E+01	U
WS	SWL-2	405173001	8/31/2016	Ce-141	-2.16E+00	2.03E+00	3.75E+00	U
WS	SWL-2	405173001	8/31/2016	Ce-144	4.36E+00	3.18E+00	9.91E+00	U
WS	SWL-2	405173001	8/31/2016	Co-57	4.49E-02	3.90E-01	1.25E+00	U
WS	SWL-2	405173001	8/31/2016	Co-58	3.12E-01	5.31E-01	1.72E+00	U
WS	SWL-2	405173001	8/31/2016	Co-60	-1.23E-03	4.43E-01	1.45E+00	U
WS	SWL-2	405173001	8/31/2016	Cr-51	1.11E+01	7.21E+00	2.36E+01	U
WS	SWL-2	405173001	8/31/2016	Cs-134	1.88E+00	8.53E-01	1.86E+00	UI
WS	SWL-2	405173001	8/31/2016	Cs-137	2.11E-01	5.11E-01	1.66E+00	U
WS	SWL-2	405173001	8/31/2016	Fe-59	9.73E-01	1.28E+00	4.35E+00	U
WS	SWL-2	405173001	8/31/2016	I-131	-5.02E+00	4.39E+00	1.37E+01	U
WS	SWL-2	405173001	8/31/2016	K-40	4.50E+00	1.46E+01	1.43E+01	U
WS	SWL-2	405173001	8/31/2016	La-140	-2.21E+00	2.32E+00	6.81E+00	U
WS	SWL-2	405173001	8/31/2016	Mn-54	1.21E-01	4.26E-01	1.46E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-2	405173001	8/31/2016	Nb-95	1.26E+00	7.01E-01	1.84E+00	U
WS	SWL-2	405173001	8/31/2016	Ru-103	1.13E-01	7.45E-01	2.20E+00	U
WS	SWL-2	405173001	8/31/2016	Ru-106	3.35E+00	4.12E+00	1.35E+01	U
WS	SWL-2	405173001	8/31/2016	Sb-124	-2.24E+00	1.58E+00	3.46E+00	U
WS	SWL-2	405173001	8/31/2016	Sb-125	-6.96E-01	1.20E+00	3.86E+00	U
WS	SWL-2	405173001	8/31/2016	Se-75	7.09E-01	6.36E-01	2.15E+00	U
WS	SWL-2	405173001	8/31/2016	Th-228	2.28E-02	1.70E+00	3.31E+00	U
WS	SWL-2	405173001	8/31/2016	Zn-65	8.18E-01	9.41E-01	3.20E+00	U
WS	SWL-2	405173001	8/31/2016	Zr-95	-3.60E-01	1.03E+00	3.22E+00	U
WS	SWL-3	405173002	8/31/2016	Ac-228	1.12E+00	3.27E+00	6.54E+00	U
WS	SWL-3	405173002	8/31/2016	Ag-108m	8.45E-02	3.76E-01	1.27E+00	U
WS	SWL-3	405173002	8/31/2016	Ag-110m	1.70E-01	5.81E-01	1.88E+00	U
WS	SWL-3	405173002	8/31/2016	Ba-140	9.26E+00	6.93E+00	2.29E+01	U
WS	SWL-3	405173002	8/31/2016	Be-7	6.67E+00	5.08E+00	1.69E+01	U
WS	SWL-3	405173002	8/31/2016	Ce-141	-6.39E-01	1.24E+00	3.68E+00	U
WS	SWL-3	405173002	8/31/2016	Ce-144	1.20E+00	2.98E+00	9.80E+00	U
WS	SWL-3	405173002	8/31/2016	Co-57	2.23E-01	3.91E-01	1.29E+00	U
WS	SWL-3	405173002	8/31/2016	Co-58	3.57E-01	5.27E-01	1.73E+00	U
WS	SWL-3	405173002	8/31/2016	Co-60	3.64E-01	4.35E-01	1.39E+00	U
WS	SWL-3	405173002	8/31/2016	Cr-51	-4.73E+00	6.51E+00	2.17E+01	U
WS	SWL-3	405173002	8/31/2016	Cs-134	2.24E-01	5.48E-01	1.60E+00	U
WS	SWL-3	405173002	8/31/2016	Cs-137	-9.57E-01	9.69E-01	2.07E+00	U
WS	SWL-3	405173002	8/31/2016	Fe-59	-4.15E-02	1.12E+00	3.77E+00	U
WS	SWL-3	405173002	8/31/2016	I-131	6.38E+00	4.31E+00	1.44E+01	U
WS	SWL-3	405173002	8/31/2016	K-40	5.38E+00	1.22E+01	1.30E+01	U
WS	SWL-3	405173002	8/31/2016	La-140	1.43E+00	2.00E+00	6.73E+00	U
WS	SWL-3	405173002	8/31/2016	Mn-54	3.09E-01	4.51E-01	1.48E+00	U
WS	SWL-3	405173002	8/31/2016	Nb-95	-2.94E-02	5.57E-01	1.80E+00	U
WS	SWL-3	405173002	8/31/2016	Ru-103	-3.27E-01	6.96E-01	2.04E+00	U
WS	SWL-3	405173002	8/31/2016	Ru-106	1.51E+00	4.10E+00	1.36E+01	U
WS	SWL-3	405173002	8/31/2016	Sb-124	-5.01E-01	1.17E+00	3.65E+00	U
WS	SWL-3	405173002	8/31/2016	Sb-125	-2.16E+00	1.20E+00	3.47E+00	U
WS	SWL-3	405173002	8/31/2016	Se-75	1.17E+00	6.88E-01	2.09E+00	U
WS	SWL-3	405173002	8/31/2016	Th-228	1.48E+00	1.96E+00	3.36E+00	U
WS	SWL-3	405173002	8/31/2016	Zn-65	-3.83E-01	9.30E-01	3.07E+00	U
WS	SWL-3	405173002	8/31/2016	Zr-95	-9.62E-01	1.03E+00	3.12E+00	U
WS	SWL-2	407555002	9/30/2016	H-3	-7.75E+02	5.61E+02	1.96E+03	U
WS	SWL-3	407555004	9/30/2016	H-3	-1.05E+03	5.55E+02	1.98E+03	U
WS	SWL-2	407555001	9/30/2016	Ac-228	-3.55E+00	2.70E+00	5.31E+00	U
WS	SWL-2	407555001	9/30/2016	Ag-108m	-4.53E-01	3.15E-01	9.53E-01	U
WS	SWL-2	407555001	9/30/2016	Ag-110m	1.58E-01	4.77E-01	1.53E+00	U
WS	SWL-2	407555001	9/30/2016	Ba-140	-2.56E+00	5.81E+00	1.67E+01	U
WS	SWL-2	407555001	9/30/2016	Be-7	-3.81E+00	4.31E+00	1.21E+01	U
WS	SWL-2	407555001	9/30/2016	Ce-141	-1.30E-01	1.03E+00	3.01E+00	U
WS	SWL-2	407555001	9/30/2016	Ce-144	-7.96E-01	2.44E+00	7.71E+00	U
WS	SWL-2	407555001	9/30/2016	Co-57	1.70E-01	3.12E-01	1.00E+00	U
WS	SWL-2	407555001	9/30/2016	Co-58	5.93E-01	5.60E-01	1.32E+00	U
WS	SWL-2	407555001	9/30/2016	Co-60	-1.41E+00	7.69E-01	1.21E+00	U
WS	SWL-2	407555001	9/30/2016	Cr-51	-4.92E-01	4.91E+00	1.66E+01	U
WS	SWL-2	407555001	9/30/2016	Cs-134	9.02E-01	4.37E-01	1.33E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-2	407555001	9/30/2016	Cs-137	1.84E-01	3.53E-01	1.16E+00	U
WS	SWL-2	407555001	9/30/2016	Fe-59	-1.05E-03	9.86E-01	2.93E+00	U
WS	SWL-2	407555001	9/30/2016	I-131	-4.57E-01	3.30E+00	1.11E+01	U
WS	SWL-2	407555001	9/30/2016	K-40	-1.10E+01	8.21E+00	1.68E+01	U
WS	SWL-2	407555001	9/30/2016	La-140	1.84E+00	1.71E+00	5.13E+00	U
WS	SWL-2	407555001	9/30/2016	Mn-54	-1.08E-01	3.58E-01	1.13E+00	U
WS	SWL-2	407555001	9/30/2016	Nb-95	3.48E-01	4.67E-01	1.52E+00	U
WS	SWL-2	407555001	9/30/2016	Ru-103	-6.92E-02	5.66E-01	1.67E+00	U
WS	SWL-2	407555001	9/30/2016	Ru-106	-2.95E+00	3.28E+00	1.02E+01	U
WS	SWL-2	407555001	9/30/2016	Sb-124	2.34E-01	9.75E-01	3.22E+00	U
WS	SWL-2	407555001	9/30/2016	Sb-125	1.70E+00	9.87E-01	3.16E+00	U
WS	SWL-2	407555001	9/30/2016	Se-75	-6.31E-01	5.04E-01	1.62E+00	U
WS	SWL-2	407555001	9/30/2016	Th-228	2.09E-01	1.51E+00	2.50E+00	U
WS	SWL-2	407555001	9/30/2016	Zn-65	3.50E-01	7.55E-01	2.40E+00	U
WS	SWL-2	407555001	9/30/2016	Zr-95	-1.86E-02	7.62E-01	2.45E+00	U
WS	SWL-3	407555003	9/30/2016	Ac-228	1.92E-01	3.40E+00	4.18E+00	U
WS	SWL-3	407555003	9/30/2016	Ag-108m	3.77E-02	3.01E-01	1.03E+00	U
WS	SWL-3	407555003	9/30/2016	Ag-110m	-3.40E-01	4.92E-01	1.52E+00	U
WS	SWL-3	407555003	9/30/2016	Ba-140	-7.56E-01	5.27E+00	1.77E+01	U
WS	SWL-3	407555003	9/30/2016	Be-7	4.81E-02	4.01E+00	1.36E+01	U
WS	SWL-3	407555003	9/30/2016	Ce-141	4.35E-01	2.13E+00	3.04E+00	U
WS	SWL-3	407555003	9/30/2016	Ce-144	-2.63E+00	2.40E+00	7.56E+00	U
WS	SWL-3	407555003	9/30/2016	Co-57	-1.05E-01	3.11E-01	1.03E+00	U
WS	SWL-3	407555003	9/30/2016	Co-58	-4.91E-01	4.22E-01	1.26E+00	U
WS	SWL-3	407555003	9/30/2016	Co-60	1.25E-02	3.32E-01	1.12E+00	U
WS	SWL-3	407555003	9/30/2016	Cr-51	5.30E+00	5.91E+00	1.87E+01	U
WS	SWL-3	407555003	9/30/2016	Cs-134	1.23E-01	3.85E-01	1.27E+00	U
WS	SWL-3	407555003	9/30/2016	Cs-137	4.52E-01	3.71E-01	1.23E+00	U
WS	SWL-3	407555003	9/30/2016	Fe-59	-1.09E+00	1.05E+00	3.06E+00	U
WS	SWL-3	407555003	9/30/2016	I-131	-5.17E+00	4.27E+00	1.23E+01	U
WS	SWL-3	407555003	9/30/2016	K-40	-6.77E+00	7.88E+00	1.99E+01	U
WS	SWL-3	407555003	9/30/2016	La-140	-7.92E-01	1.66E+00	5.29E+00	U
WS	SWL-3	407555003	9/30/2016	Mn-54	-1.40E-01	3.59E-01	1.15E+00	U
WS	SWL-3	407555003	9/30/2016	Nb-95	1.78E-01	7.90E-01	1.62E+00	U
WS	SWL-3	407555003	9/30/2016	Ru-103	-1.94E-01	5.46E-01	1.63E+00	U
WS	SWL-3	407555003	9/30/2016	Ru-106	2.36E+00	3.54E+00	1.14E+01	U
WS	SWL-3	407555003	9/30/2016	Sb-124	8.33E-01	9.78E-01	3.33E+00	U
WS	SWL-3	407555003	9/30/2016	Sb-125	-2.07E-01	8.93E-01	3.03E+00	U
WS	SWL-3	407555003	9/30/2016	Se-75	-4.64E-02	5.25E-01	1.67E+00	U
WS	SWL-3	407555003	9/30/2016	Th-228	1.49E+00	1.58E+00	2.60E+00	U
WS	SWL-3	407555003	9/30/2016	Zn-65	7.90E-01	7.64E-01	2.48E+00	U
WS	SWL-3	407555003	9/30/2016	Zr-95	-6.83E-01	8.05E-01	2.50E+00	U
WS	SWL-2	409620001	10/31/2016	Ac-228	3.13E+00	4.77E+00	8.63E+00	U
WS	SWL-2	409620001	10/31/2016	Ag-108m	4.94E-01	4.82E-01	1.61E+00	U
WS	SWL-2	409620001	10/31/2016	Ag-110m	5.91E-02	7.14E-01	2.42E+00	U
WS	SWL-2	409620001	10/31/2016	Ba-140	2.82E+00	4.94E+00	1.64E+01	U
WS	SWL-2	409620001	10/31/2016	Be-7	-3.88E+00	5.55E+00	1.76E+01	U
WS	SWL-2	409620001	10/31/2016	Ce-141	-5.66E+00	2.28E+00	4.04E+00	U
WS	SWL-2	409620001	10/31/2016	Ce-144	7.39E-01	3.87E+00	1.25E+01	U
WS	SWL-2	409620001	10/31/2016	Co-57	-5.25E-01	5.14E-01	1.57E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-2	409620001	10/31/2016	Co-58	-1.07E-02	5.78E-01	1.97E+00	U
WS	SWL-2	409620001	10/31/2016	Co-60	4.60E-01	5.44E-01	1.84E+00	U
WS	SWL-2	409620001	10/31/2016	Cr-51	9.31E+00	6.82E+00	2.27E+01	U
WS	SWL-2	409620001	10/31/2016	Cs-134	6.76E-01	6.83E-01	2.01E+00	U
WS	SWL-2	409620001	10/31/2016	Cs-137	-9.85E-02	5.68E-01	1.81E+00	U
WS	SWL-2	409620001	10/31/2016	Fe-59	3.54E+00	1.49E+00	4.44E+00	U
WS	SWL-2	409620001	10/31/2016	I-131	-8.73E-01	2.42E+00	7.99E+00	U
WS	SWL-2	409620001	10/31/2016	K-40	2.05E+00	1.37E+01	1.60E+01	U
WS	SWL-2	409620001	10/31/2016	La-140	-1.81E-01	1.60E+00	5.09E+00	U
WS	SWL-2	409620001	10/31/2016	Mn-54	-3.21E-01	5.44E-01	1.55E+00	U
WS	SWL-2	409620001	10/31/2016	Nb-95	-1.14E+00	8.25E-01	2.00E+00	U
WS	SWL-2	409620001	10/31/2016	Ru-103	-4.02E-01	7.07E-01	1.99E+00	U
WS	SWL-2	409620001	10/31/2016	Ru-106	-5.44E-01	4.99E+00	1.61E+01	U
WS	SWL-2	409620001	10/31/2016	Sb-124	1.11E-01	1.47E+00	4.72E+00	U
WS	SWL-2	409620001	10/31/2016	Sb-125	-6.12E-01	1.52E+00	4.95E+00	U
WS	SWL-2	409620001	10/31/2016	Se-75	-3.73E-01	7.22E-01	2.42E+00	U
WS	SWL-2	409620001	10/31/2016	Th-228	2.08E+00	2.48E+00	4.00E+00	U
WS	SWL-2	409620001	10/31/2016	Zn-65	6.06E-01	1.14E+00	3.86E+00	U
WS	SWL-2	409620001	10/31/2016	Zr-95	1.65E+00	1.43E+00	3.72E+00	U
WS	SWL-3	409620002	10/31/2016	Ac-228	2.91E+00	3.61E+00	8.54E+00	U
WS	SWL-3	409620002	10/31/2016	Ag-108m	2.29E-01	4.86E-01	1.62E+00	U
WS	SWL-3	409620002	10/31/2016	Ag-110m	2.17E+00	8.22E-01	2.58E+00	U
WS	SWL-3	409620002	10/31/2016	Ba-140	-2.11E+00	7.50E+00	1.72E+01	U
WS	SWL-3	409620002	10/31/2016	Be-7	3.43E+01	1.78E+01	1.79E+01	UI
WS	SWL-3	409620002	10/31/2016	Ce-141	-3.84E-01	1.43E+00	4.38E+00	U
WS	SWL-3	409620002	10/31/2016	Ce-144	-2.72E+00	4.54E+00	1.38E+01	U
WS	SWL-3	409620002	10/31/2016	Co-57	4.41E-01	5.83E-01	1.82E+00	U
WS	SWL-3	409620002	10/31/2016	Co-58	-3.95E-01	6.08E-01	1.84E+00	U
WS	SWL-3	409620002	10/31/2016	Co-60	9.04E-01	5.79E-01	1.98E+00	U
WS	SWL-3	409620002	10/31/2016	Cr-51	-1.06E+00	6.61E+00	2.19E+01	U
WS	SWL-3	409620002	10/31/2016	Cs-134	-2.22E-01	1.02E+00	1.99E+00	U
WS	SWL-3	409620002	10/31/2016	Cs-137	8.29E-01	6.49E-01	2.12E+00	U
WS	SWL-3	409620002	10/31/2016	Fe-59	-1.30E-01	1.33E+00	4.45E+00	U
WS	SWL-3	409620002	10/31/2016	I-131	-4.75E+00	2.88E+00	8.35E+00	U
WS	SWL-3	409620002	10/31/2016	K-40	-1.98E+01	1.15E+01	2.62E+01	U
WS	SWL-3	409620002	10/31/2016	La-140	-1.50E+00	1.88E+00	5.76E+00	U
WS	SWL-3	409620002	10/31/2016	Mn-54	3.46E-01	5.79E-01	1.88E+00	U
WS	SWL-3	409620002	10/31/2016	Nb-95	-3.16E-01	7.76E-01	1.98E+00	U
WS	SWL-3	409620002	10/31/2016	Ru-103	3.71E-01	8.23E-01	2.45E+00	U
WS	SWL-3	409620002	10/31/2016	Ru-106	-7.13E+00	5.71E+00	1.67E+01	U
WS	SWL-3	409620002	10/31/2016	Sb-124	1.05E+00	1.51E+00	5.12E+00	U
WS	SWL-3	409620002	10/31/2016	Sb-125	-5.42E-01	1.47E+00	4.75E+00	U
WS	SWL-3	409620002	10/31/2016	Se-75	-7.97E-01	8.02E-01	2.56E+00	U
WS	SWL-3	409620002	10/31/2016	Th-228	6.34E-01	2.26E+00	4.20E+00	U
WS	SWL-3	409620002	10/31/2016	Zn-65	8.47E-01	1.31E+00	4.19E+00	U
WS	SWL-3	409620002	10/31/2016	Zr-95	1.72E+00	1.14E+00	3.73E+00	U
WS	SWL-2	411589001	11/30/2016	Ac-228	5.24E+00	5.69E+00	1.89E+01	U
WS	SWL-2	411589001	11/30/2016	Ag-108m	-2.73E-01	1.06E+00	3.08E+00	U
WS	SWL-2	411589001	11/30/2016	Ag-110m	1.33E-01	1.63E+00	5.53E+00	U
WS	SWL-2	411589001	11/30/2016	Ba-140	-3.40E+00	1.12E+01	3.57E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-2	411589001	11/30/2016	Be-7	6.47E+00	1.22E+01	4.15E+01	U
WS	SWL-2	411589001	11/30/2016	Ce-141	-2.94E+00	2.44E+00	6.90E+00	U
WS	SWL-2	411589001	11/30/2016	Ce-144	-4.55E+00	6.48E+00	2.06E+01	U
WS	SWL-2	411589001	11/30/2016	Co-57	4.23E+00	1.61E+00	2.77E+00	UI
WS	SWL-2	411589001	11/30/2016	Co-58	9.08E-01	1.30E+00	4.36E+00	U
WS	SWL-2	411589001	11/30/2016	Co-60	-1.11E+00	1.36E+00	3.81E+00	U
WS	SWL-2	411589001	11/30/2016	Cr-51	-1.28E+01	1.29E+01	4.06E+01	U
WS	SWL-2	411589001	11/30/2016	Cs-134	4.93E-01	1.16E+00	4.09E+00	U
WS	SWL-2	411589001	11/30/2016	Cs-137	-7.52E-01	9.98E-01	2.85E+00	U
WS	SWL-2	411589001	11/30/2016	Fe-59	-1.92E+00	2.66E+00	7.81E+00	U
WS	SWL-2	411589001	11/30/2016	I-131	1.53E+00	4.88E+00	1.68E+01	U
WS	SWL-2	411589001	11/30/2016	K-40	1.03E+01	1.88E+01	6.78E+01	U
WS	SWL-2	411589001	11/30/2016	La-140	8.85E+00	8.70E+00	1.35E+01	U
WS	SWL-2	411589001	11/30/2016	Mn-54	2.45E+00	1.26E+00	3.91E+00	U
WS	SWL-2	411589001	11/30/2016	Nb-95	-9.01E-01	1.43E+00	4.18E+00	U
WS	SWL-2	411589001	11/30/2016	Ru-103	1.35E+00	1.50E+00	5.17E+00	U
WS	SWL-2	411589001	11/30/2016	Ru-106	-5.42E+00	1.08E+01	3.29E+01	U
WS	SWL-2	411589001	11/30/2016	Sb-124	-3.28E+00	3.53E+00	9.83E+00	U
WS	SWL-2	411589001	11/30/2016	Sb-125	1.01E+01	4.32E+00	1.40E+01	U
WS	SWL-2	411589001	11/30/2016	Se-75	-1.15E+00	1.83E+00	5.50E+00	U
WS	SWL-2	411589001	11/30/2016	Th-228	1.91E-01	3.41E+00	7.58E+00	U
WS	SWL-2	411589001	11/30/2016	Zn-65	1.19E-01	2.68E+00	7.77E+00	U
WS	SWL-2	411589001	11/30/2016	Zr-95	7.14E-02	2.41E+00	7.67E+00	U
WS	SWL-3	411589002	11/30/2016	Ac-228	2.10E-01	4.78E+00	1.54E+01	U
WS	SWL-3	411589002	11/30/2016	Ag-108m	-7.74E-01	9.36E-01	2.85E+00	U
WS	SWL-3	411589002	11/30/2016	Ag-110m	5.47E-02	1.44E+00	4.88E+00	U
WS	SWL-3	411589002	11/30/2016	Ba-140	-1.29E+01	1.02E+01	2.82E+01	U
WS	SWL-3	411589002	11/30/2016	Be-7	3.84E+00	1.09E+01	3.66E+01	U
WS	SWL-3	411589002	11/30/2016	Ce-141	-9.63E+00	3.77E+00	7.01E+00	U
WS	SWL-3	411589002	11/30/2016	Ce-144	-2.16E+00	7.15E+00	2.26E+01	U
WS	SWL-3	411589002	11/30/2016	Co-57	6.95E-01	1.04E+00	3.43E+00	U
WS	SWL-3	411589002	11/30/2016	Co-58	7.39E-01	1.01E+00	3.63E+00	U
WS	SWL-3	411589002	11/30/2016	Co-60	-2.84E-01	1.13E+00	3.56E+00	U
WS	SWL-3	411589002	11/30/2016	Cr-51	2.93E+00	1.34E+01	4.60E+01	U
WS	SWL-3	411589002	11/30/2016	Cs-134	-9.75E-01	1.41E+00	4.11E+00	U
WS	SWL-3	411589002	11/30/2016	Cs-137	5.93E-01	1.17E+00	3.92E+00	U
WS	SWL-3	411589002	11/30/2016	Fe-59	-4.60E+00	2.96E+00	7.52E+00	U
WS	SWL-3	411589002	11/30/2016	I-131	1.69E+00	5.16E+00	1.59E+01	U
WS	SWL-3	411589002	11/30/2016	K-40	-2.35E+01	1.66E+01	4.86E+01	U
WS	SWL-3	411589002	11/30/2016	La-140	6.22E+00	3.24E+00	1.21E+01	U
WS	SWL-3	411589002	11/30/2016	Mn-54	5.82E-01	1.08E+00	3.81E+00	U
WS	SWL-3	411589002	11/30/2016	Nb-95	-7.70E-01	1.34E+00	3.96E+00	U
WS	SWL-3	411589002	11/30/2016	Ru-103	1.79E-01	1.34E+00	4.43E+00	U
WS	SWL-3	411589002	11/30/2016	Ru-106	7.12E+00	1.03E+01	3.50E+01	U
WS	SWL-3	411589002	11/30/2016	Sb-124	-6.00E+00	3.30E+00	5.69E+00	U
WS	SWL-3	411589002	11/30/2016	Sb-125	-2.77E+00	3.01E+00	9.09E+00	U
WS	SWL-3	411589002	11/30/2016	Se-75	-1.03E+00	1.45E+00	4.71E+00	U
WS	SWL-3	411589002	11/30/2016	Th-228	-3.78E+00	2.51E+00	7.46E+00	U
WS	SWL-3	411589002	11/30/2016	Zn-65	-3.42E+00	2.69E+00	5.75E+00	U
WS	SWL-3	411589002	11/30/2016	Zr-95	1.38E+00	2.12E+00	7.15E+00	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-2	413594002	12/31/2016	H-3	-7.00E+01	3.72E+02	1.23E+03	U
WS	SWL-3	413594004	12/31/2016	H-3	1.79E+02	3.82E+02	1.23E+03	U
WS	SWL-2	413594001	12/31/2016	Ac-228	-1.16E+01	4.93E+00	8.92E+00	U
WS	SWL-2	413594001	12/31/2016	Ag-108m	-3.84E-01	5.31E-01	1.70E+00	U
WS	SWL-2	413594001	12/31/2016	Ag-110m	-7.26E-01	1.00E+00	2.97E+00	U
WS	SWL-2	413594001	12/31/2016	Ba-140	-1.97E+00	1.08E+01	2.35E+01	U
WS	SWL-2	413594001	12/31/2016	Be-7	-3.23E+00	6.79E+00	2.20E+01	U
WS	SWL-2	413594001	12/31/2016	Ce-141	1.15E+00	1.55E+00	5.07E+00	U
WS	SWL-2	413594001	12/31/2016	Ce-144	2.48E+00	4.62E+00	1.52E+01	U
WS	SWL-2	413594001	12/31/2016	Co-57	4.18E-01	5.92E-01	1.96E+00	U
WS	SWL-2	413594001	12/31/2016	Co-58	7.72E-01	8.64E-01	2.46E+00	U
WS	SWL-2	413594001	12/31/2016	Co-60	-8.57E-01	6.28E-01	1.28E+00	U
WS	SWL-2	413594001	12/31/2016	Cr-51	-1.72E+00	8.43E+00	2.86E+01	U
WS	SWL-2	413594001	12/31/2016	Cs-134	-6.54E-03	6.86E-01	2.20E+00	U
WS	SWL-2	413594001	12/31/2016	Cs-137	4.08E-02	5.99E-01	1.96E+00	U
WS	SWL-2	413594001	12/31/2016	Fe-59	1.21E-01	1.58E+00	5.33E+00	U
WS	SWL-2	413594001	12/31/2016	I-131	1.05E+00	3.86E+00	1.32E+01	U
WS	SWL-2	413594001	12/31/2016	K-40	-1.84E+01	1.32E+01	2.91E+01	U
WS	SWL-2	413594001	12/31/2016	La-140	-4.37E+00	3.24E+00	7.10E+00	U
WS	SWL-2	413594001	12/31/2016	Mn-54	-1.95E+00	1.22E+00	2.23E+00	U
WS	SWL-2	413594001	12/31/2016	Nb-95	2.02E+00	9.34E-01	2.81E+00	U
WS	SWL-2	413594001	12/31/2016	Ru-103	-1.10E+00	9.20E-01	2.76E+00	U
WS	SWL-2	413594001	12/31/2016	Ru-106	-2.76E+00	6.05E+00	1.92E+01	U
WS	SWL-2	413594001	12/31/2016	Sb-124	1.05E+00	2.20E+00	7.38E+00	U
WS	SWL-2	413594001	12/31/2016	Sb-125	6.51E-02	1.77E+00	5.97E+00	U
WS	SWL-2	413594001	12/31/2016	Se-75	6.42E-01	1.09E+00	3.45E+00	U
WS	SWL-2	413594001	12/31/2016	Th-228	1.63E+00	2.19E+00	5.21E+00	U
WS	SWL-2	413594001	12/31/2016	Zn-65	-1.42E+00	1.36E+00	4.03E+00	U
WS	SWL-2	413594001	12/31/2016	Zr-95	6.01E-01	1.28E+00	4.25E+00	U
WS	SWL-3	413594003	12/31/2016	Ac-228	4.83E+00	4.87E+00	1.74E+01	U
WS	SWL-3	413594003	12/31/2016	Ag-108m	1.10E+00	9.66E-01	3.37E+00	U
WS	SWL-3	413594003	12/31/2016	Ag-110m	8.42E-02	1.35E+00	4.42E+00	U
WS	SWL-3	413594003	12/31/2016	Ba-140	-2.31E+00	1.19E+01	3.94E+01	U
WS	SWL-3	413594003	12/31/2016	Be-7	1.44E+01	1.05E+01	3.67E+01	U
WS	SWL-3	413594003	12/31/2016	Ce-141	-2.82E-01	2.89E+00	8.55E+00	U
WS	SWL-3	413594003	12/31/2016	Ce-144	-3.26E-01	8.53E+00	2.75E+01	U
WS	SWL-3	413594003	12/31/2016	Co-57	2.16E-01	1.04E+00	3.41E+00	U
WS	SWL-3	413594003	12/31/2016	Co-58	-5.49E-01	1.28E+00	4.03E+00	U
WS	SWL-3	413594003	12/31/2016	Co-60	-4.92E-01	1.11E+00	2.75E+00	U
WS	SWL-3	413594003	12/31/2016	Cr-51	1.40E+01	1.38E+01	4.84E+01	U
WS	SWL-3	413594003	12/31/2016	Cs-134	-4.45E-01	1.32E+00	4.21E+00	U
WS	SWL-3	413594003	12/31/2016	Cs-137	-2.18E+00	1.13E+00	2.70E+00	U
WS	SWL-3	413594003	12/31/2016	Fe-59	2.97E-01	2.52E+00	8.19E+00	U
WS	SWL-3	413594003	12/31/2016	I-131	3.44E+00	5.58E+00	1.96E+01	U
WS	SWL-3	413594003	12/31/2016	K-40	-3.07E+01	1.63E+01	4.21E+01	U
WS	SWL-3	413594003	12/31/2016	La-140	-3.87E+00	3.20E+00	8.41E+00	U
WS	SWL-3	413594003	12/31/2016	Mn-54	6.47E-01	9.88E-01	3.39E+00	U
WS	SWL-3	413594003	12/31/2016	Nb-95	-7.81E-01	1.35E+00	3.65E+00	U
WS	SWL-3	413594003	12/31/2016	Ru-103	-1.45E+00	1.59E+00	4.31E+00	U
WS	SWL-3	413594003	12/31/2016	Ru-106	4.64E+00	8.91E+00	3.07E+01	U

SAMPLE TYPE	STATION	LSN	END DATE	NUCLIDE	CONC (pCi/L)	STD.DEV. (pCi/L)	MDC (pCi/L)	FLAGS
WS	SWL-3	413594003	12/31/2016	Sb-124	-4.99E+00	2.70E+00	5.12E+00	U
WS	SWL-3	413594003	12/31/2016	Sb-125	2.44E+00	3.15E+00	1.10E+01	U
WS	SWL-3	413594003	12/31/2016	Se-75	2.31E-02	1.92E+00	5.34E+00	U
WS	SWL-3	413594003	12/31/2016	Th-228	1.92E+00	2.86E+00	7.13E+00	U
WS	SWL-3	413594003	12/31/2016	Zn-65	4.35E+00	3.53E+00	5.37E+00	U
WS	SWL-3	413594003	12/31/2016	Zr-95	1.77E+00	2.01E+00	6.50E+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.

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 2016 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 2016 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. There were no positively identified radionuclides from plant effluents detected in any of the GPI well samples, excepting low level tritium attributed to precipitation recapture.

The LLD value used for tritium counting of the samples varied between 9.42E-7 and 9.59 E-7 uCi/mL, depending on which scintillation counter was used. This is well below the required maximum LLD value of 2.00E-6 uCi/mL per the ODCM.

While no valid tritium values were found above the maximum required LLD, 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 2016 results were expected considering the reduction in tritium released to the Absorption Pond and typical rainfall 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 2016 continue to reflect normal expectations and behaviors as they relate to recaptured tritium for the weather conditions observed in 2016.

Two additional wells were installed late in 2015, MW-28 and MW-29. These wells are shallow wells placed in close proximity to each Unit's Refueling Water Storage Tanks to improve leak detection capabilities. These wells are also closer to the Containment structures and plant ventilation stacks to better monitor recapture of tritium inside the Protected Area. Eight of ten samples from Well MW-28 had tritium values that exceeded the counting LLD value but were less than the maximum LLD value of 2.00E-6 uCi/mL. These trace levels of tritium activity are within expected normal values of tritium recapture.

The sample data indicates that no radioactive spills or unidentified leaks have occurred in 2016 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.

2016 GPI Sample Data

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

Date	MW-22D	MW-22M	MW-22S	MW-24D	MW-24M	MW-24S	MW-25D	MW-25M
02/03/2016								
03/10/2016	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD
06/29/2016	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD		
12/06/2016				<LLD	<LLD	<LLD	<LLD	<LLD
12/12/2016	<LLD	<LLD	<LLD					

(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.)

2016 GPI Sample Data

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

MW-25S through MW-27S continued

Date	MW-25S	MW-26D	MW-26M	MW-26S	MW-27D	MW-27M	MW-27S	EW-19
02/2/2016								
03/10/2016	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	
07/11/2016								<LLD
08/05/2016								<LLD
12/06/2016	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	
12/07/2016								<LLD

(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.)

2016 GPI Sample Data

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

Date	SG-1	SG-2	SG-4	SG-5	OW-2	MW-20	MW-21	EW-18
01/06/2016	<LLD	<LLD	<LLD	<LLD				
01/07/2016						<LLD	<LLD	
02/03/2016					<LLD			
03/10/2016								<LLD
03/11/2016					<LLD			
04/07/2016	<LLD	<LLD	<LLD	<LLD				
04/14/2016					<LLD			
06/28/2016						<LLD	<LLD	
06/29/2016	<LLD	<LLD	<LLD	<LLD				
07/22/2016					<LLD			
09/15/2016					<LLD			
10/07/2016					<LLD			
10/20/2016						<LLD	<LLD	
10/21/2016	<LLD	<LLD	<LLD	<LLD				

2016 GPI Sample Data

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

Date	W-9	W-10	W-11	W-12	W-13	W-14	W-15	OW-1
01/06/2016	<LLD						<LLD	
01/07/2016		<LLD	<LLD	<LLD			<LLD	
01/08/2016					<LLD	<LLD		
02/03/2016								<LLD
03/11/2016								<LLD
03/31/2016		<LLD	<LLD	<LLD	<LLD	<LLD		
04/07/2016	<LLD						<LLD	
04/14/2016								
04/21/2016								<LLD
05/05/2016								<LLD
06/06/2016								<LLD
06/28/2016		<LLD	<LLD	<LLD	<LLD	<LLD		
06/29/2016	<LLD						<LLD	
07/22/2016								<LLD
08/09/2016								<LLD
09/15/2016								<LLD
10/19/2016		<LLD	<LLD	<LLD	<LLD	<LLD	<LLD	
10/21/2016	<LLD							
11/21/2016								<LLD
12/06/2016								<LLD

2016 GPI Sample Data

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

Date	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8
01/05/2016			<LLD					<LLD
01/06/2016		<LLD						
01/08/2016	<LLD						<LLD	
01/15/2016				<LLD	<LLD	<LLD		
02/03/2016						<LLD		
03/11/2016						<LLD		
03/31/2016			<LLD				<LLD	
04/07/2016	<LLD							<LLD
04/14/2016		<LLD		<LLD	<LLD	<LLD		
05/05/2016						<LLD		
06/28/2016	<LLD						<LLD	
06/29/2016		<LLD	<LLD					<LLD
06/30/2016				<LLD	<LLD	<LLD		
08/11/2016						<LLD		
09/01/2016				<LLD				
10/07/2016				<LLD	<LLD	<LLD		
10/19/2016								<LLD
10/20/2016	<LLD						<LLD	
10/21/2016		<LLD	<LLD					
11/18/2016						<LLD		
12/09/2016						<LLD		

2016 GPI Sample Data

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

Date	OW-4	MW-28	MW-29	W-19	W-20	W-21	MW-19
01/06/2016				<LLD			
02/03/2016	<LLD	1.25E-06	<LLD				
03/11/2016	<LLD	1.22E-06	<LLD				
03/31/2016					<LLD	<LLD	
04/05/2016				<LLD			
04/21/2016	<LLD	1.34E-06	<LLD				
05/05/2016	<LLD	1.22E-06	<LLD				
06/06/2016	<LLD	1.33E-06	<LLD				
07/22/2016	<LLD	1.08E-06	<LLD				
08/09/2016	<LLD	1.15E-06	<LLD				
09/15/2016	<LLD	<LLD					
09/21/2016			<LLD				
11/21/2016	<LLD	<LLD	<LLD				
12/06/2016		9.48E-07	<LLD				
12/07/2016							<LLD
12/13/2016	<LLD						

On 10/20-22 of 2015, MW-28 and MW-29 were installed to monitor each unit's Refueling Water Storage Tank (RWST) for leaks to the groundwater.