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

Brunswick Steam Electric Plant, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. DPR-71 and DPR-62
Docket Nos. 50-325 and 50-324

Catawba Nuclear Station, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. NPF-35 and NPF-52
Docket Nos. 50-413 and 50-414

Shearon Harris Nuclear Power Plant, Unit 1
Renewed Facility Operating License No. NPF-63
Docket No. 50-400

McGuire Nuclear Station, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. NPF-9 and NPF-17
Docket Nos. 50-369 and 50-370

Oconee Nuclear Station, Unit Nos. 1, 2 and 3
Renewed Facility Operating License Nos. DPR-38, DPR-47 and DPR-55
Docket Nos. 50-269, 50-270 and 50-287

H. B. Robinson Steam Electric Plant, Unit 2
Renewed Facility Operating License No. DPR-23
Docket No. 50-261

SUBJECT: Annual Radiological Environmental Operating Report - 2024

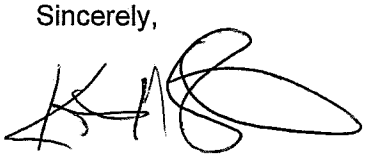
Ladies and Gentlemen:

Duke Energy Carolinas, LLC and Duke Energy Progress, LLC (collectively referred to as Duke Energy), in accordance with Technical Specification (TS) 5.6.2 for Brunswick Steam Electric Plant Units 1 and 2 (BNP), TS 5.6.2 and Selected Licensing Commitment (SLC) 16.11-16 for Catawba Nuclear Station Units 1 and 2 (CNS), TS 6.9.1.3 for Shearon Harris Nuclear Power Plant Unit 1 (HNP), TS 5.6.2 and SLC 16.11.16 for McGuire Nuclear Station Units 1 and 2 (MNS), TS 5.6.2 and SLC 16.11.10 for Oconee Nuclear Station Units 1, 2, and 3 (ONS), and TS 5.6.2 for H. B. Robinson Steam Electric Plant Unit 2 (RNP), is submitting the Annual Radiological Environmental Operating Reports (AREORs) for the period from January 1, 2024, through December 31, 2024. The AREORs are provided in Enclosures 1 through 6.

No regulatory commitments are contained in this submittal.

Please refer any questions concerning this letter and its enclosures to Ryan Treadway, Director, Nuclear Fleet Licensing, at (980) 373-5873.

Sincerely,



Kevin Ellis
General Manager, Nuclear Regulatory Affairs, Policy & Emergency Preparedness

Enclosures:

1. BNP Annual Radiological Environmental Operating Report
2. CNS Annual Radiological Environmental Operating Report
3. HNP Annual Radiological Environmental Operating Report
4. MNS Annual Radiological Environmental Operating Report
5. ONS Annual Radiological Environmental Operating Report
6. RNP Annual Radiological Environmental Operating Report

cc: (all Enclosures unless specified)

USNRC, Region II Regional Administrator
USNRC NRR Project Manager for BNP
USNRC NRR Project Manager for CNS
USNRC NRR Project Manager for HNP
USNRC NRR Project Manager for MNS
USNRC NRR Project Manager for ONS
USNRC NRR Project Manager for RNP
USNRC Senior Resident Inspector for BNP
USNRC Senior Resident Inspector for CNS
USNRC Senior Resident Inspector for HNP
USNRC Senior Resident Inspector for MNS
USNRC Senior Resident Inspector for ONS
USNRC Senior Resident Inspector for RNP

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Enclosure 1
RA-25-0096

ENCLOSURE 1: BNP Annual Radiological Environmental Operating Report

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

DUKE ENERGY PROGRESS, LLC

BRUNSWICK STEAM ELECTRIC PLANT

2024

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LIST OF ACRONYMS USED IN THIS TEXT *(in alphabetical order)*

A	Annually
AP	Air Particulate
AR	Air Radioiodine = Air Cartridge
AREOR	Annual Radiological Environmental Operating Report
BO	Benthic Organisms
BSEP	Brunswick Steam Electric Plant
C	Control
CM	Community
CR	Condition Report (analogous to Nuclear Condition Report (NCR))
EZA	Eckert & Ziegler Analytics, Inc.
GEL	General Engineering Laboratories, LLC.
GPS	Global Positioning System
GW	Ground water
I	Indicator
IR	Inner Ring - TLDs
ISFSI	Independent Spent Fuel Storage Installation
LLD	Lower Limit of Detection
LUC	Land Use Census
M	Monthly
MAPEP	Department of Energy Mixed Analyte Performance Evaluation Program
MDA	Minimum Detectable Activity
mrem	Millirem
mR/Std Qtr	milliroentgen per standard quarter
MSL	Mean sea level
NIST	National Institute of Standards and Technology
NCR	Nuclear Condition Report (analogous to Condition Report (CR))
NRC	Nuclear Regulatory Commission
OD	Ocean discharge
ODCM	Offsite Dose Calculation Manual
OR	Outer Ring - TLDs
pCi/kg	picocurie per kilogram
pCi/l	picocurie per liter
pCi/m^3	picocurie per cubic meter
PMAC	Projected Maximum Annual Concentration
Q	Quarterly
REMP	Radiological Environmental Monitoring Program
SA	Semiannually
SB	Site Boundary
SDSP	Storm Drain Stabilization Pond
SH	Shellfish
SI	Special Interest - TLDs
SW	Surface Water
TLD	Thermoluminescent Dosimeter
UFSAR	Updated Final Safety Analysis Report
W	Weekly

1.0 EXECUTIVE SUMMARY

This Annual Radiological Environmental Operating Report (AREOR) describes the Brunswick Steam Electric Plant (BSEP) Radiological Environmental Monitoring Program (REMP), and the program results for the calendar year 2024.

Included in the report are the identification of sampling locations, descriptions of environmental sampling and analysis procedures, comparisons of present environmental radioactivity levels, pre-operational environmental data, analysis of trends in environmental radiological data as potentially affected by plant operations, and a summary of environmental radiological sampling results. Quality assurance practices, sampling deviations, unavailable samples, and program changes are also discussed.

Sampling activities were conducted as prescribed by the BSEP Offsite Dose Calculation Manual (ODCM). One-thousand-four-hundred-fifty-seven samples were analyzed comprising 1,457 test results to compile data for the 2024 BSEP Annual Radiological Environmental Operating Report. Based on the annual BSEP land use census, there were no changes required to the BSEP REMP.

Concentrations observed in the environment in 2024 for station related radionuclides were within the ranges of concentrations observed in the past. Inspection of the data showed that radioactivity concentrations were as expected and positively identified measurements attributable to plant operation were within limits as specified in the BSEP ODCM. Measured concentrations, including tritium, were not higher than expected and all positively identified measurements attributable to station operation were within limits as specified in the BSEP ODCM and regulatory limits. The radiological environmental data for 2024 indicates that radioactivity concentrations and all positively identified measurements attributable to BSEP operations in 2024 were within limits as specified in the BSEP ODCM, thus presenting no significant impact on the environment or public health and safety.

2.0 INTRODUCTION

2.1 SITE DESCRIPTION AND SAMPLE LOCATIONS

Duke Energy's Brunswick Steam Electric Plant (BSEP) is located in Brunswick County, North Carolina, approximately 16 miles south of Wilmington, North Carolina. The site is along state route 87 approximately two and a half miles north of Southport, North Carolina. The community of Boiling Spring Lakes is about three miles northwest of the site. The towns of Caswell Beach and Oak Island are on a barrier island south of the plant.

The Brunswick Steam Electric Plant consists of two boiling water reactors with a design rating of 2923 megawatts thermal. Commercial production was initiated by Unit 2 on November 3, 1975, and by Unit 1 on March 18, 1977.

The Cape Fear River is east of the plant and cooling water is drawn from the river through a canal. The cooling water and plant liquid effluents are both discharged to the Atlantic Ocean through a canal, pumping station, and piping. The discharge point is south of the town of Caswell Beach. The plant site varies in elevation from sea level to 30 feet above mean sea level (MSL) and is surrounded by extensive marshes.

Sampling locations are chosen based upon meteorological factors, preoperational monitoring, and land use surveys. Additional locations were selected and identified as controls because they are unlikely to be affected by plant operations. Figures 2.1-1, 2.1-2, 2.1-3, and 2.1-4 are maps depicting BSEP sampling locations and the Thermoluminescent Dosimeter (TLD) monitoring locations. The location numbers shown on these maps correspond to those listed in Tables 2.1-A and 2.1-B.

The Brunswick centerline waypoint used for GPS measurements in figures 2.1-1, 2.1-2, 2.1-3, and 2.1-4 is latitude: 33°57'24.3" North and longitude: 78°0'33.9" West. Maps and tables were generated using North American Datum (NAD) 27. Data normally reflect accuracy to within one tenth mile from point of measurement. GPS field measurements were taken as close as possible to the item of interest. Distances for the locations are displayed using two significant figures.

Figures 2.1-1, 2.1-2, 2.1-3 and 2.1-4 are One Mile Radius, Ten Mile Radius, and Twenty-Five Mile Radius maps, respectively, depicting the Thermoluminescent Dosimeter (TLD) monitoring locations and the sampling locations. The location numbers shown on these maps correspond to those listed in Tables 2.1-A and 2.1-B.

2.2 SCOPE AND REQUIREMENTS OF THE REMP

A Radiological Environmental Monitoring Program (REMP) has been in effect at BSEP, and the preoperational program provides data on the existing environmental radioactivity levels for the site and vicinity which may be used to determine whether increases in environmental levels are attributable to the station. The operational program provides surveillance and backup support of

detailed effluent monitoring, which is necessary to evaluate the significance, if any, of the contributions to the existing environmental radioactivity levels that result from station operation.

This monitoring program is based on NRC guidance as reflected in the BSEP Offsite Dose Calculation Manual (ODCM), with regards to sample media, sampling locations, sampling frequency and analytical sensitivity requirements. Indicator and control locations were established for comparison purposes to distinguish radioactivity of plant origin from natural or other "man-made" environmental radioactivity. The environmental monitoring program also verifies projected and anticipated radionuclide concentrations in the environment and related exposures from releases of radionuclides from BSEP. This program satisfies the requirements of Section IV.B.2 of Appendix I to 10CFR50 and provides surveillance of all appropriate critical exposure pathways to man and protects vital interests of the company, public and state and federal agencies concerned with the environment. Reporting levels for activity found in environmental samples are listed in Table 2.2-A. Table 2.2-B lists the REMP analysis and frequency schedule. The Annual Land Use Census, required by the BSEP ODCM, is performed to ensure that changes in the use of areas at or beyond the site boundary are identified and that modifications to the REMP are made if required by changes in land use. This census satisfies the requirements of Section IV.B.3 of Appendix I to 10CFR50. Results are shown in Tables 3.9-A and 3.9-B.

Participation in an interlaboratory comparison program is performed in fulfillment of BSEP ODCM Operational Requirement provides for independent checks on the precision and accuracy of measurements of radioactive material in REMP sample matrices. Such checks are performed as part of the quality assurance program for environmental monitoring in order to demonstrate that the results are valid for the purposes of Section IV.B.2 of Appendix I to 10CFR50. A summary of the results obtained as part of this comparison program are in Section 4 of this annual report.

2.3 STATISTICAL AND CALCULATIONAL METHODOLOGY

2.3.1 ESTIMATION OF THE MEAN VALUE

There was one (1) basic statistical calculation performed on the raw data resulting from the environmental sample analysis program. The calculation involved the determination of the mean value for the indicator and the control samples for each sample medium. The mean is a widely used statistic. This value was used in the reduction of the data generated by the sampling and analysis of the various media in the Radiological Environmental Monitoring Program. "Net activity (or concentration)" is the activity (or concentration) determined to be present in the sample. No "Minimum Detectable Activity", "Lower Limit of Detection", "Less Than Level", or negative activities or concentrations are included in the calculation of the mean. The following equation was used to estimate the mean:

$$\overline{x} = \frac{\sum_{i=1}^{N} x_i}{N}$$

Where:

$\overline{x}$ = estimate of the mean,
i = individual sample,

N = total number of samples with a net activity (or concentration),
χ_i = net activity (or concentration) for sample i.

2.3.2 LOWER LIMIT OF DETECTION AND MINIMUM DETECTABLE ACTIVITY

The Lower Limit of Detection (LLD) and Minimum Detectable Activity (MDA) are used throughout the REMP.

LLD - The LLD, as defined in the Offsite Dose Calculation Manual (ODCM), is the smallest concentration of radioactive material in an unknown sample that will yield a net count, above the system background, that will be detected with 95% probability with a 5% probability of falsely concluding that a blank observation represents a "real" signal. The LLD is an *a priori* (before the fact) lower limit of detection. The actual LLD is dependent upon the standard deviation of the background counting rate, the counting efficiency, the sample size (mass or volume), the radiochemical yield and the radioactive decay of the sample between sample collection and counting. The "required" LLDs for each sample medium and selected radionuclides are given in the ODCMs and are listed in Table 2.2-C.

MDA - The MDA is the net counting rate (sample after subtraction of background) that must be surpassed before a sample is considered to contain a scientifically measurable amount of a radioactive material exceeding background amounts. The MDA is calculated using a sample background and may be thought of as an "actual" LLD for a sample measurement. Certain gross counting measurements display a calculated negative value, indicating background is greater than sample activity.

2.3.3 TREND IDENTIFICATION

One of the purposes of an environmental monitoring program is to determine if there is a buildup of radionuclides in the environment due to the operation of the nuclear station. Visual inspection of tabular or graphical presentations of data (including preoperational) is used to determine if a trend exists. A decrease in a radionuclide's concentration in an environmental medium does not indicate that reactor operations are removing radioactivity from the environment but that reactor operations are not adding that radionuclide to the environment in quantities exceeding the preoperational level and that the normal removal processes (radioactive decay, deposition, resuspension, etc.) are influencing the concentration.

Substantial increases or decreases in the amount of a radionuclide's release from the nuclear plant will greatly affect the resulting environmental levels; therefore, a knowledge of the release of a radionuclide from the nuclear plant is necessary to completely interpret the trends, or lack of trends, determined from the environmental data. Factors that may affect environmental levels of radionuclides include prevailing weather conditions (periods of drought, solar cycles or heavier than normal precipitation), construction in or around either the nuclear plant or the sampling location, and addition or deletion of other sources of radioactive materials (such as the 1986 Chernobyl accident and the 2011 Japan earthquake

and tsunami, which triggered the Fukushima Dai-ichi Nuclear Power Plant incident). Some of these factors may be obvious while others are sometimes unknown. Therefore, how trends are identified will include some judgment by plant personnel.

Figure 2.1-1

BSEP Environmental Sampling Locations – One mile radius

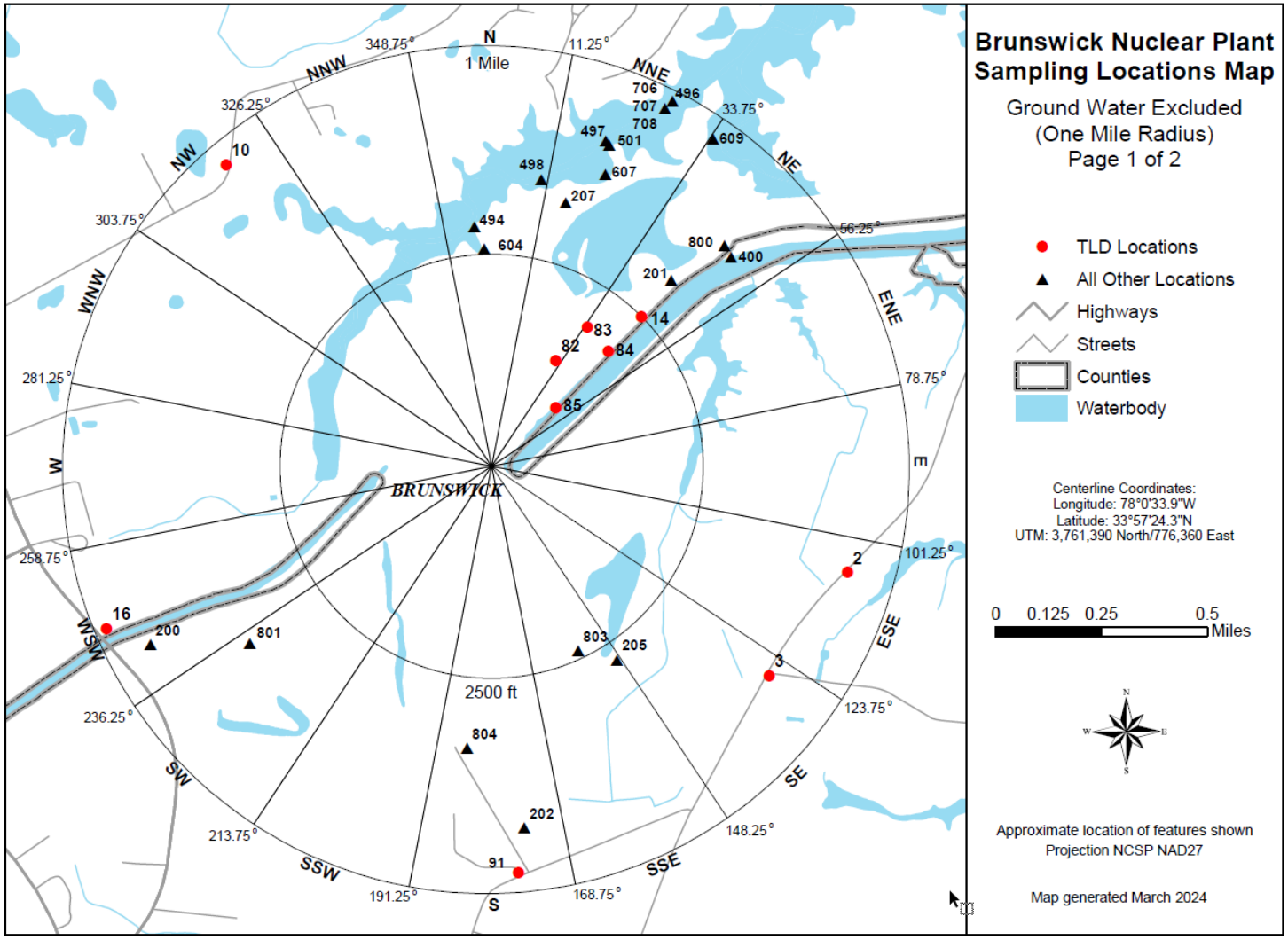
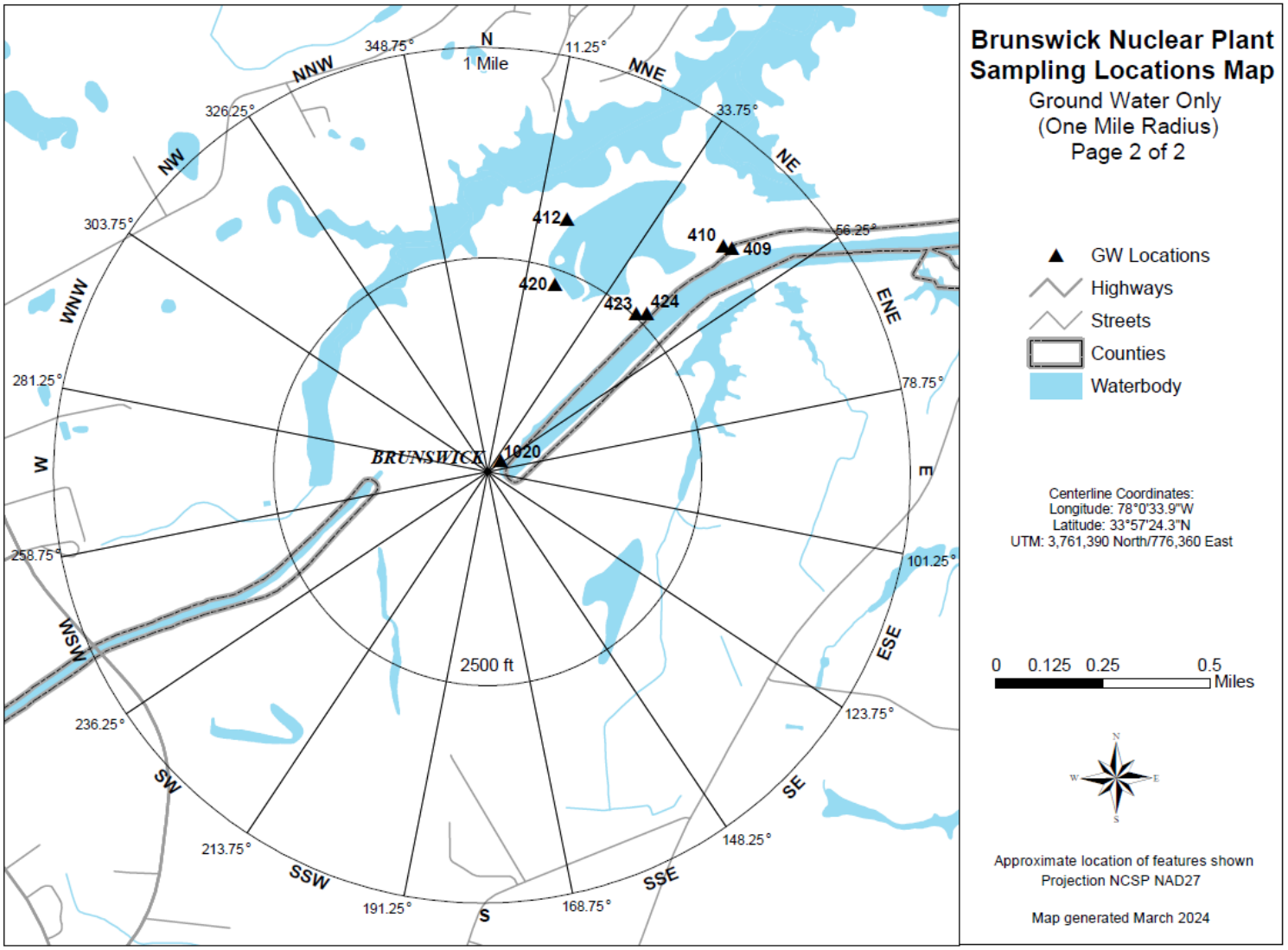


Figure 2.1-2

BSEP Environmental Sampling Locations (Ground Water Only) - One mile radius



(1) Map in ODCM Revision 40 contains the incorrect centerline. This is the correct map. (DDR# 02509684)

Figure 2.1-3

BSEP Environmental Sample Locations - Ten mile radius

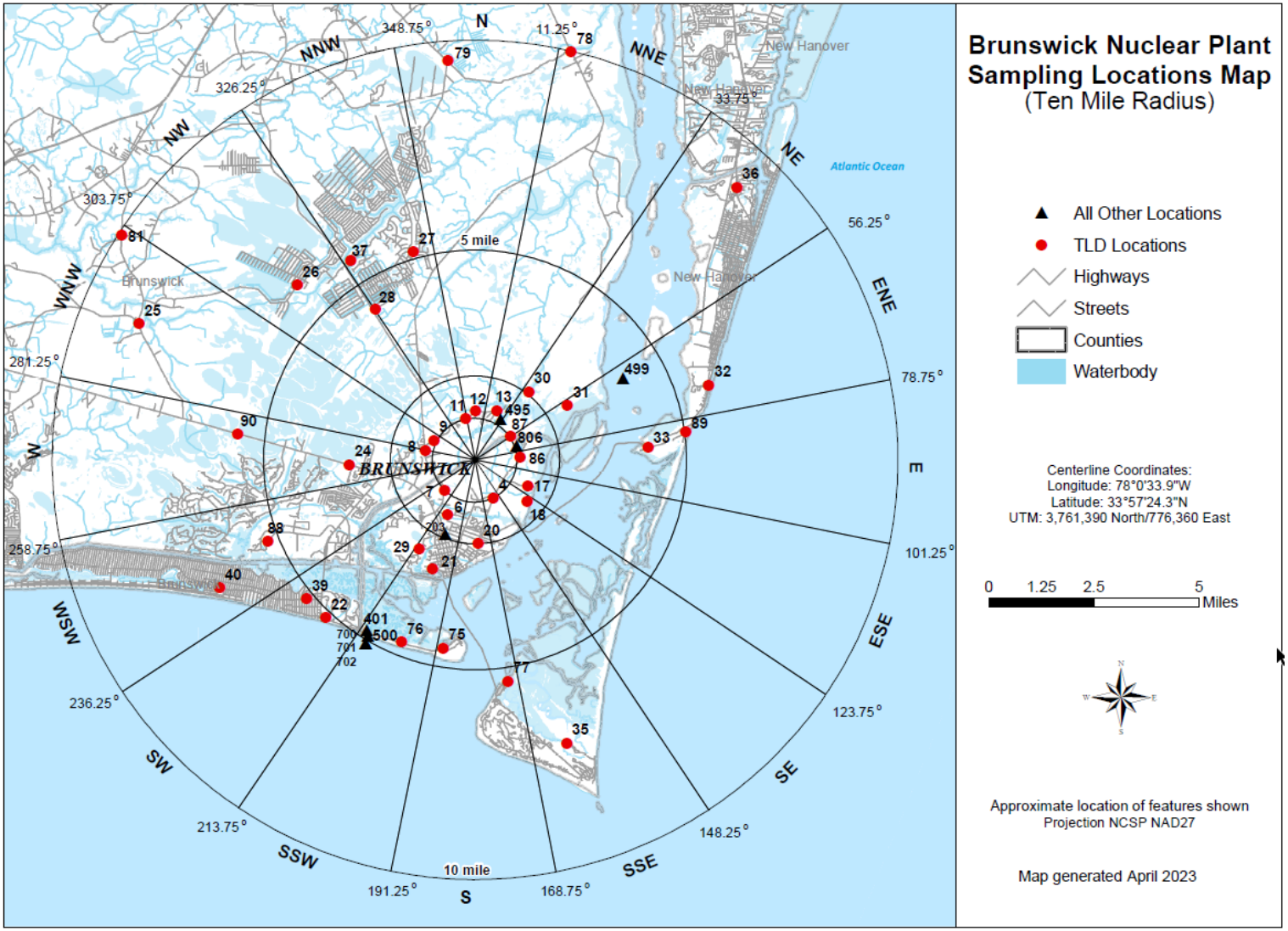


Figure 2.1-4

BSEP Environmental Sample Locations – Twenty-Five mile radius

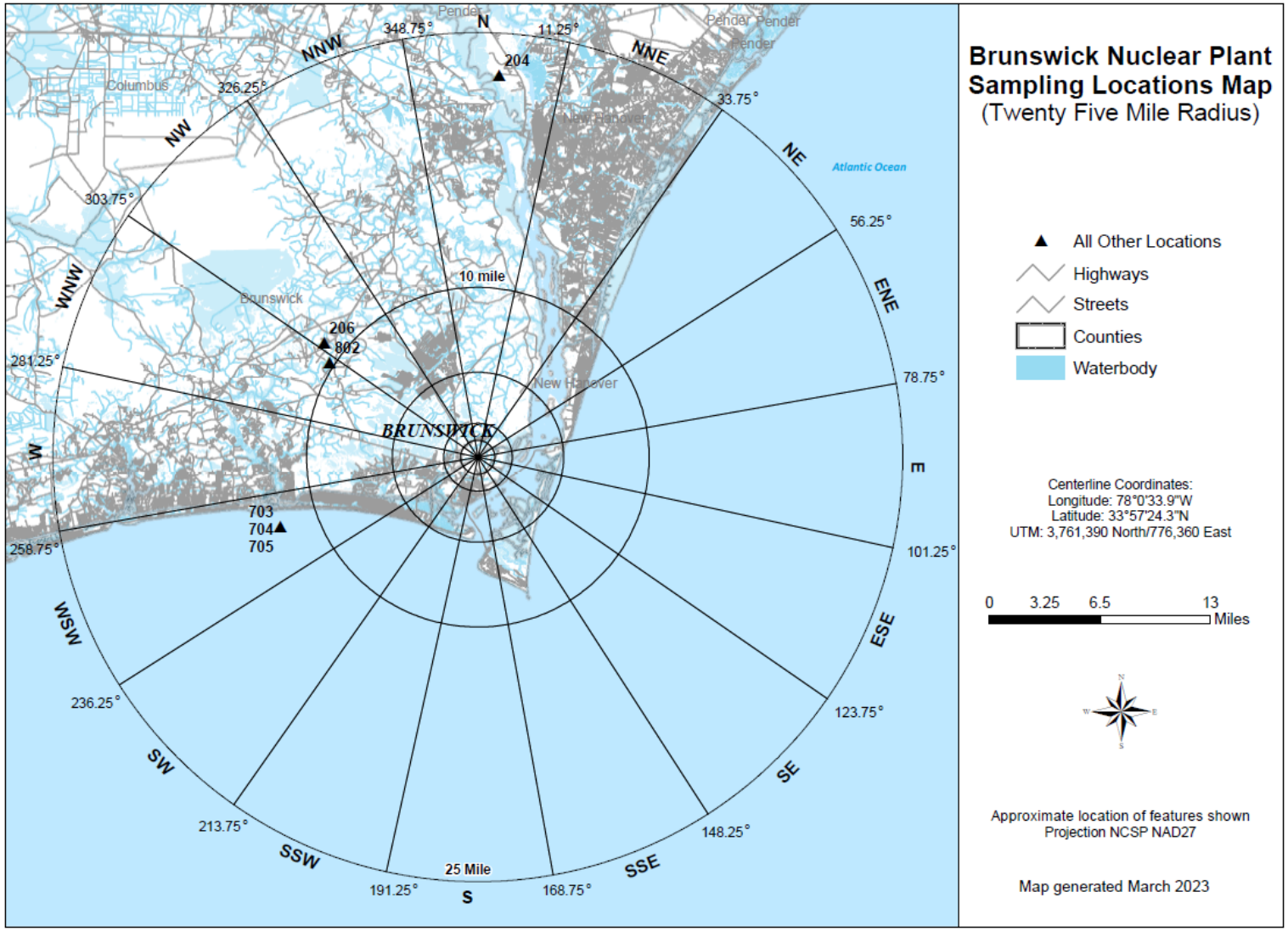


TABLE 2.1-A-1

RADIOLOGICAL MONITORING PROGRAM SAMPLING LOCATIONS

BRUNSWICK STEAM ELECTRIC PLANT (BSEP) ODCM REVISION 40

Table 2.1-A Codes			
A	Annually	SA	Semiannually
C	Control[d]	SB	Site Boundary
CM	Community	SDSP	Storm Drain Stabilization Pond
I	Indicator	W	Weekly
M	Monthly	WP	Waypoint
Q	Quarterly		

Site#	Type	Location Description[h]	Air Radioiodine & Air Particulate	Surface Water [g]	Shoreline Sediment	Fish	Broadleaf Vegetation	Ground Water
200	I	0.91 miles WSW - Brunswick Education & Energy Center	W/Q, SB					
201	I	0.61 miles NE – Bio. Lab Road – Projected Maximum Annual Concentration (PMAC)	W/Q, SB					
202	I	0.86 miles S – Substation, Construction Rd.	W/Q, SB					
203	I	1.92 miles SSW - Southport Substation	W/Q, CM					
204	C	22.6 miles N - Sutton Plant[f] – (Historical Control)	W/Q					
205	I	0.55 miles SSE - Spoil Pond	W/Q, SB					
206	C	11.3 miles NW – Brunswick County Complex – Control[d][f]	W/Q					
207	I	0.65 miles NNE – GWE Compressor Building	W/Q, SB					
400	C	0.75 miles NE - Intake Canal - Control[d][f]		M				
401	I	4.82 miles SSW - Discharge Canal at OD Pumps		M				
409	I	Monitoring Well ESS-17A, northeast side of retired SDSP near Intake Canal						Q/SA
410	I	Monitoring Well ESS-17B, northeast side of retired SDSP near Intake Canal						Q/SA
412	I	Monitoring Well, ESS-18B, west side of retired SDSP						Q/SA
420	I	Monitoring Well ESS-22B, south side of retired SDSP						Q/SA
423	I	Monitoring Well ESS-24A, southeast side of retired SDSP adjacent to SDSF near Intake Canal						Q/SA
424	I	Monitoring Well ESS-24B, southeast side of retired SDSP adjacent to SDSF near Intake Canal						Q/SA
494	I	Nancy's Creek Marsh Area – WP-106		M				
495	I	Nancy's Creek – WP-52		M				
496	I	Nancy's Creek – WP-53		M				
497	I	Nancy's Creek – WP-55		M				
498	I	Nancy's Creek – WP-57		M				
499	C	Control Station NE[d][f] – WP-61		M				
500	I	4.92 miles SSW – Discharge – Beach near OD Pumps			SA			
501	I	Nancy's Creek, Adjacent to WP-55, Near Retired SDSP			A			
604	I	Nancy's Creek Marsh Area – WP-92		M				
607	I	Nancy's Creek Marsh Area – WP-76		M				
609	I	Nancy's Creek Marsh Area – WP-84		M				
700	I	5.09 miles SSW - Atlantic Ocean[e] at Discharge (Free Swimmer)				SA[b][c]		
701	I	5.09 miles SSW - Atlantic Ocean[e] at Discharge (Bottom Feeders)				SA[b][c]		
702	I	5.09 miles SSW - Atlantic Ocean[e] at Discharge (Shellfish/Invertebrates)				SA[b][c]		

TABLE 2.1-A-1 (Continued)

Site#	Type	Location Description[h]	Air Radioiodine & Air Particulate	Surface Water [g]	Shoreline Sediment	Fish	Broadleaf Vegetation	Ground Water
703	C	WSW - Atlantic Ocean[d][e] (Free Swimmer)				SA[b][c]		
704	C	WSW - Atlantic Ocean[d][e] (Bottom Feeder)				SA[b][c]		
705	C	WSW - Atlantic Ocean[d][e] (Shellfish/Invertebrates)				SA[b][c]		
706	I	Nancy's Creek [e] (Free Swimmer)				A[b]		
707	I	Nancy's Creek [e] (Bottom Feeder)				A[b]		
708	I	Nancy's Creek [e] (Shellfish/Invertebrates)				A[b]		
800	I	0.76 miles NE - Intake Canal					M[a], SB	
801	I	0.71 miles SW - Discharge Canal					M[a], SB	
802	C	10.4 miles - Control - WNW [c]					M[a]	
803	I	0.48 miles SSE – Spoil Pond					M[a], SB	
804	I	0.67 miles S – Leonard Street plant exit adjacent to RR tracks					M[a], SB	
806	I	1.06 miles ENE – East Intake Canal					M[a], SB	
1020	I	Monitoring Well U1CSTREM-05B, east side of protected area near intake structure						Q/SA

(a) When Available
(b) Edible Portions
(c) When in Season
(d) Control Station – These stations are presumed to be outside the influence of plant effluents.
(e) A sample of one free swimmer, one bottom feeder, and one shellfish (shrimp) will be collected if available. A control sample of each species collected will be obtained if available.
(f) The purpose of this sample is to obtain background information. If it is not practical to establish control locations in accordance with the distance and wind direction criteria, other sites that provide valid background data may be substituted.
(g) The "upstream" sample shall be taken at a distance beyond significant influence of the discharge. The "downstream" sample shall be taken in an area beyond but near the mixing zone. "Upstream" samples in an estuary must be taken far enough upstream to be beyond the plant influence. Salt-water shall be sampled only when the receiving water is utilized for recreational activities.
(h) GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.

TABLE 2.1-B-1

RADIOLOGICAL MONITORING PROGRAM SAMPLING LOCATIONS (TLD SITES) [b]

BRUNSWICK STEAM ELECTRIC PLANT (BSEP)

Table 2.1-B-2 Codes	
IR	Inner Ring
OR	Outer Ring
C	Control[a]
SI	Special Interest
ISFSI	Independent Spent Fuel Storage Installation

Site #	Measure Type	Location[c]	Distance (miles)	Sector	Site #	Measure Type	Location[c]	Distance (miles)	Sector
2	IR	0.88 miles ESE	0.88	ESE	31	IR	2.55 miles ENE	2.55	ENE
3	IR	0.82 miles SE	0.82	SE	32	OR	5.85 miles ENE	5.85	ENE
4	IR	1.01 miles SSE	1.01	SSE	33	IR	4.13 miles E	4.13	E
6	IR	1.45 miles SSW	1.45	SSW	35	OR	7.09 miles SSE	7.09	SSE
7	IR	1.03 miles SW	1.03	SW	36	OR	9.02 miles NE	9.02	NE
8	IR	1.20 miles W	1.20	W	37	OR	5.58 miles NNW	5.58	NNW
9	IR	1.08 miles WNW	1.08	WNW	39	OR	5.20 miles SW	5.20	SW
10	IR	0.95 miles NW	0.95	NW	40	OR	6.81 miles WSW	6.81	WSW
11	IR	1.01 miles NNW	1.01	NNW	75	OR	4.56 miles S	4.56	S
12	IR	1.16 miles N	1.16	N	76	IR	4.7 miles SSW	4.7	SSW
13	IR	1.28 miles NNE	1.28	NNE	77	OR	5.34 miles S	5.34	S
14	IR	0.61 miles NE	0.61	NE	78	OR	10.0 miles NNE	10.0	NNE
16	IR	0.99 miles WSW	0.99	WSW	79	OR	9.56 miles N	9.56	N
17	IR	1.41 miles ESE	1.41	ESE	81	C[a]	9.98 miles WNW[a]	9.98	WNW
18	IR	1.60 miles SE	1.60	SE	82	ISFSI	0.29 miles NNE	0.29	NNE
20	IR	2.01 miles S	2.01	S	83	ISFSI	0.40 miles NE	0.40	NE
21	IR	2.79 miles SSW	2.79	SSW	84	ISFSI	0.39 miles NE	0.39	NE
22	OR	5.18 miles SW	5.18	SW	85	ISFSI	0.21 miles NE	0.21	NE
24	IR	3.00 miles W	3.00	W	86	IR	1.07 miles E	1.07	E
25	OR	8.64 miles WNW	8.64	WNW	87	IR	1.02 miles ENE	1.02	ENE
26	OR	5.95 miles NW	5.95	NW	88	OR	5.30 miles WSW	5.30	WSW
27	OR	5.17 miles NNW	5.17	NNW	89	OR	5.06 miles E	5.06	E
28	I	4.31 miles NNW	4.31	NNW	90	OR	5.68 miles W	5.68	W
29	IR	2.50 miles SSW	2.50	SSW	91	IR	0.95 miles S	0.95	S
30	IR	2.06 miles NE	2.06	NE					

(a) Control Station – These stations are presumed to be outside the influence of plant effluents.
(b) One or more instruments such as a pressurized ion chamber, for measuring and recording dose rate continuously may be used in place of, or in addition to, integrating dosimeters. Film badges shall not be used as dosimeters for measuring direct radiation. The frequency of analysis or readout for TLD systems will depend upon the characteristics of the specific system used and should be selected to obtain optimum dose information with minimal fading.
(c) GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.

TABLE 2.2-A

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES

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

TABLE 2.2-B

REMP ANALYSIS FREQUENCY

Sample Medium	Analysis Schedule	Gamma Isotopic [e]	Tritium	Gross Beta	TLD
Air Radioiodine	Weekly	X			
Air Particulate	Weekly			(c)	
	Quarterly	X			
Direct Radiation (TLD)	Quarterly				X
Surface Water	Monthly Composite (400 & 401) [d][h]	X	X		
	Monthly Grab (494 - 499, 604, 607, & 609)	(f)	X		
Ground Water	Quarterly Grab		X		
	Semiannual Grab	X			
Shoreline Sediment	Semiannually (500)	X			
	Annually (501) [g]	(g)			
Fish and Shellfish/Invertebrates [a]	Semiannually (700 – 705) [j]	X			
	Annually (706 – 708)	X			
Broadleaf Vegetation [i]	Monthly [b]	X			

(a) Edible portions
(b) When available
(c) Airborne particulate samples shall be analyzed for gross beta radioactivity 24 hours or more after sampling to allow for radon and thoron daughter decay. If gross beta activity in air particulate samples is greater than ten times the yearly mean of control samples, gamma isotopic shall be performed on the individual samples.
(d) Composite samples shall be collected by collecting an aliquot at intervals not exceeding 6 hours.
(e) Gamma isotopic analysis means the identification and quantification of gamma-emitting radionuclides that may be attributable to the effluents from the facility.
(f) The samples are to be analyzed for gamma isotopic analyses. If plant activity is detected from the gamma isotopic analysis, Sr-89, 90 and Fe-55 analysis are to be performed.
(g) If plant activity is detected, Sr-89, 90 and Fe-55 analysis are to be performed and frequency will be increased to Semi-Annual.
(h) A composite sample is one in which the quantity (aliquot) of liquid sampled is proportional to the quantity of flowing liquid and in which the method of sampling employed results in a specimen that is representative of the liquid flow. Composite samples shall be collected with equipment that is capable of collecting an aliquot at time intervals that are short (e.g., once per 6 hours) relative to compositing period (e.g., monthly) in order to assure obtaining a representative sample.
(i) When less than three (3) milking animal locations are available for testing within an 8-km distance, sampling of broadleaf vegetation shall be performed as indicated in [BSEP ODCM] Table 7.3.15-1, 4.c, in lieu of milk sampling.
(j) When in Season.

TABLE 2.2-C

DETECTION CAPABILITIES FOR THE *A PRIORI* LOWER LIMIT OF DETECTION[(a)(b)(d)]

Analysis	Water (pCi/liter)	Airborne Particulates or Gases (pCi/m^3)	Fish (pCi/kg, wet)	Milk (pCi/liter)	Broadleaf Vegetation (pCi/kg, wet)	Sediment (pCi/kg, dry)
Gross Beta	4	0.01				
H-3	3000					
Mn-54	15		130			
Fe-59	30		260			
Co-58, 60	15		130			
Zn-65	30		260			
Zr-Nb-95	15					
I-131	1[(c)]	0.07		1	60	
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140	15			15		

(a) This list does not mean that only these nuclides are to be considered. Other peaks that are identifiable, together with these of the above nuclides, shall be analyzed and reported in the AREOR.
(b) The LLD is defined in the BSEP ODCM.
(c) LLD for drinking water samples. If no drinking water pathway exists, a value of 15 pCi/L may be used.
(d) The LLD for each analysis is specified, with the exception of the Nancy's Creek Marsh Area principal gamma isotopic and I-131. The LLD for the Nancy's Creek Marsh Area gamma isotopic is $5x10^{-7}$ µCi/ml for Principal Gamma Emitters and $1x10^{-6}$ µCi/ml for I-131.

3.0 INTERPRETATION OF RESULTS

Review of 2024 REMP analysis results was performed to detect and identify changes in environmental levels as a result of station operation. The radionuclides with ODCM reporting levels that indicate consistent detectable activity have been historically trended from preoperation to present. Summary tables containing 2024 information required by Technical Specification Administrative Control 5.6.2, BSEP ODCM 7.4.1 are located in Appendix B. Brunswick 2024 REMP results are located in Appendix E.

The highest annual mean concentration of applicable ODCM radionuclides from the indicator locations for each media type was used for trending purposes. Trending was performed by comparing annual mean concentrations to historical results. Factors evaluated include the frequency of detection and the concentration in terms of the percent of the radionuclide's ODCM reporting level (Table 2.2-A). Evaluation for significant trends was performed for radionuclides that are listed as required in the BSEP ODCM. The radionuclides include: H-3, Mn-54, Fe-59, Co-58, Co-60, Zn-65, Zr-95, Nb-95, I-131, Cs-134, Cs-137, Ba-140 and La-140. Gross beta results were trended for air particulate and tritium in surface water samples.

Review of the 2024 data presented in this section supports the conclusion that there were no significant changes in environmental sample radionuclide concentrations of samples collected and analyzed from BSEP and surrounding areas that were attributable to plant operations. The radiological environmental data for 2024 indicates that radioactivity concentrations were not higher than expected and all positively identified measurements attributable to BSEP operations in 2024 were within limits as specified in the BSEP ODCM, thus presenting no significant impact on the environment or public health and safety.

Data presented in Sections 3.1 through 3.8 support the conclusion that there was no significant increase in radioactivity in the environment around Brunswick Steam Electric Plant due to station operations in 2024. Similarly, there was no significant increase in ambient background radiation levels in the surrounding areas. The 2024 land use census data is shown in Section 3.9.

3.1 AIRBORNE RADIOIODINE AND PARTICULATES

Air particulate and radioiodine samples at each of eight locations were composited continuously by means of continuous air samplers. Air particulates were collected on a particulate filter and radioiodine was collected in a charcoal cartridge positioned behind the filter in the sample head. The samplers are designed to operate at a constant flow rate (in order to compensate for any filter loading) and are set to sample approximately 2 cubic foot per minute. Filters and cartridges were collected weekly. A separate weekly gamma analysis was performed on each charcoal cartridge. A weekly gross beta analysis was performed on each filter and then the filters, by location, were composited to produce quarterly filter samples for gamma analysis.

In 2024, 416 radioiodine and particulate samples were analyzed, 312 from six indicator locations and 104 from the two control locations. The air samplers operated for a total of 99.98% availability for the 2024 year.

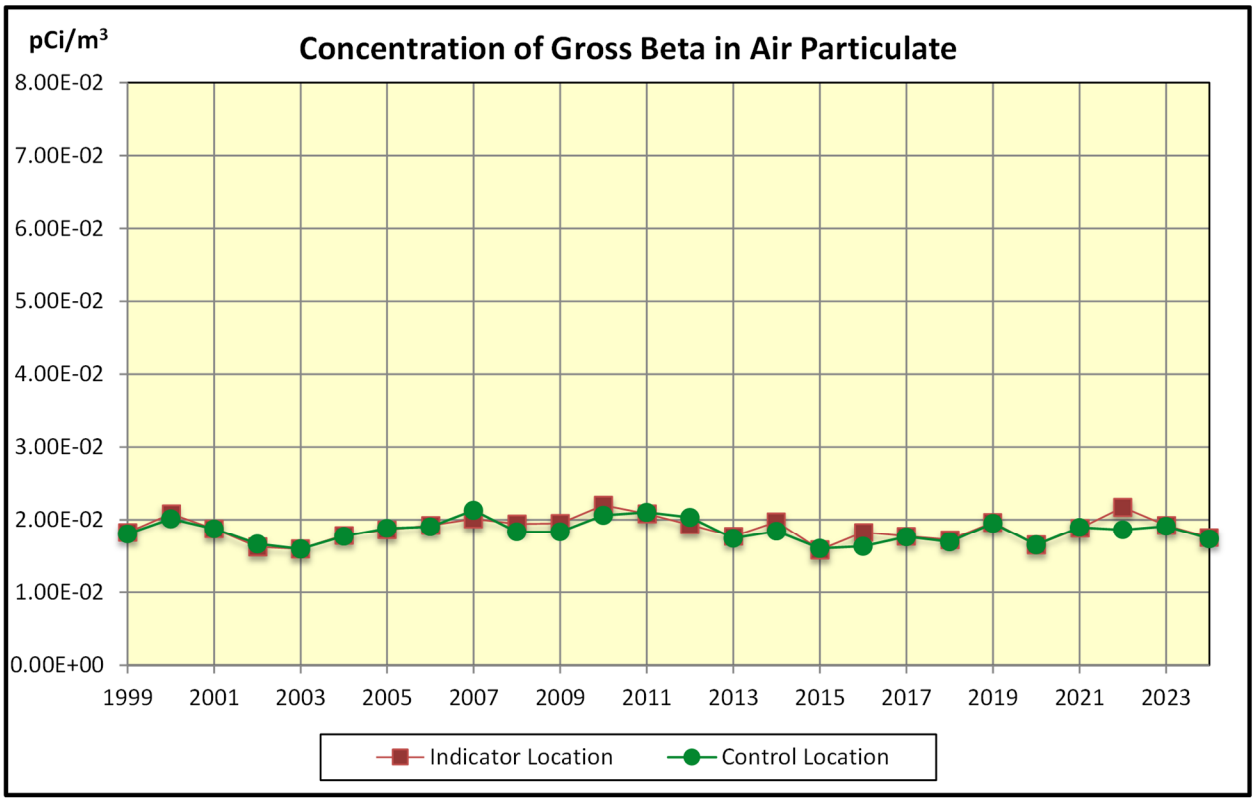
Gross beta analyses indicated 1.75E-2 pCi/m^3 at the location with the highest annual mean and 1.73E-2 pCi/m^3 at the two control locations. The preoperational (1973 – 1974) gross beta average concentration was 8.2E-2 pCi/m^3. No gross beta activity in air particulate samples was greater than ten time the yearly mean of the control samples. No gamma emitting radionuclides attributable to BSEP plant operation were detected in any 2024 radioiodine samples.

Figure 3.1 and Table 3.1-A provide individual sample gross beta results for the highest annual mean indicator location and the control locations concentration since 1999. There is no reporting level for gross beta in air particulate.

Table 3.1-B gives indicator location highest annual means and control means since 1999 for I-131. No I-131 activity due to BSEP operation has been detected in any airborne radioiodine samples since 2006. Since no activity was detected in 2024, no reporting levels were approached.

K-40 and Be-7 observed in air samples are naturally occurring radionuclides.

Figure 3.1



There is no reporting level for gross beta in air particulate.

Table 3.1-A Mean Concentration of Gross Beta in Air Particulate

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1999	1.82E-2	1.80E-2
2000	2.08E-2	2.01E-2
2001	1.87E-2	1.87E-2
2002	1.62E-2	1.66E-2
2003	1.59E-2	1.59E-2
2004	1.78E-2	1.77E-2
2005	1.86E-2	1.88E-2
2006	1.92E-2	1.90E-2
2007	2.01E-2	2.13E-2
2008	1.94E-2	1.83E-2
2009	1.95E-2	1.83E-2
2010	2.20E-2	2.06E-2
2011	2.08E-2	2.10E-2
2012	1.93E-2	2.03E-2
2013	1.77E-2	1.74E-2
2014	1.97E-2	1.84E-2
2015	1.58E-2	1.60E-2
2016	1.82E-2	1.63E-2
2017	1.77E-2	1.76E-2
2018	1.72E-2	1.69E-2
2019	1.96E-2	1.95E-2
2020	1.64E-2	1.65E-2
2021	1.88E-2	1.89E-2
2022	2.17E-2	1.86E-2
2023	1.92E-2	1.91E-2
2024	1.75E-2	1.73E-2

Table 3.1-B Mean Concentration of Air Radioiodine (I-131)

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1999	0.00E+0	0.00E+0
2000	0.00E+0	0.00E+0
2001	0.00E+0	0.00E+0
2002	0.00E+0	0.00E+0
2003	0.00E+0	0.00E+0
2004	0.00E+0	0.00E+0
2005	0.00E+0	0.00E+0
2006(1)	5.31E-2	0.00E+0
2007	0.00E+0	0.00E+0
2008	0.00E+0	0.00E+0
2009	0.00E+0	0.00E+0
2010	0.00E+0	0.00E+0
2011(2)	1.31E-1	1.00E-1
2012	0.00E+0	0.00E+0
2013	0.00E+0	0.00E+0
2014(3)	0.00E+0	0.00E+0
2015	0.00E+0	0.00E+0
2016	0.00E+0	0.00E+0
2017	0.00E+0	0.00E+0
2018	0.00E+0	0.00E+0
2019	0.00E+0	0.00E+0
2020	0.00E+0	0.00E+0
2021	0.00E+0	0.00E+0
2022	0.00E+0	0.00E+0
2023	0.00E+0	0.00E+0
2024	0.00E+0	0.00E+0

0.00E+0 indicates no detectable measurements

(1) 2006 concentration affected by plant conditions (NCR # 0211934).

(2) 2011 concentrations affected by Fukushima Dai-ichi (NCR # 0456564).

(3) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

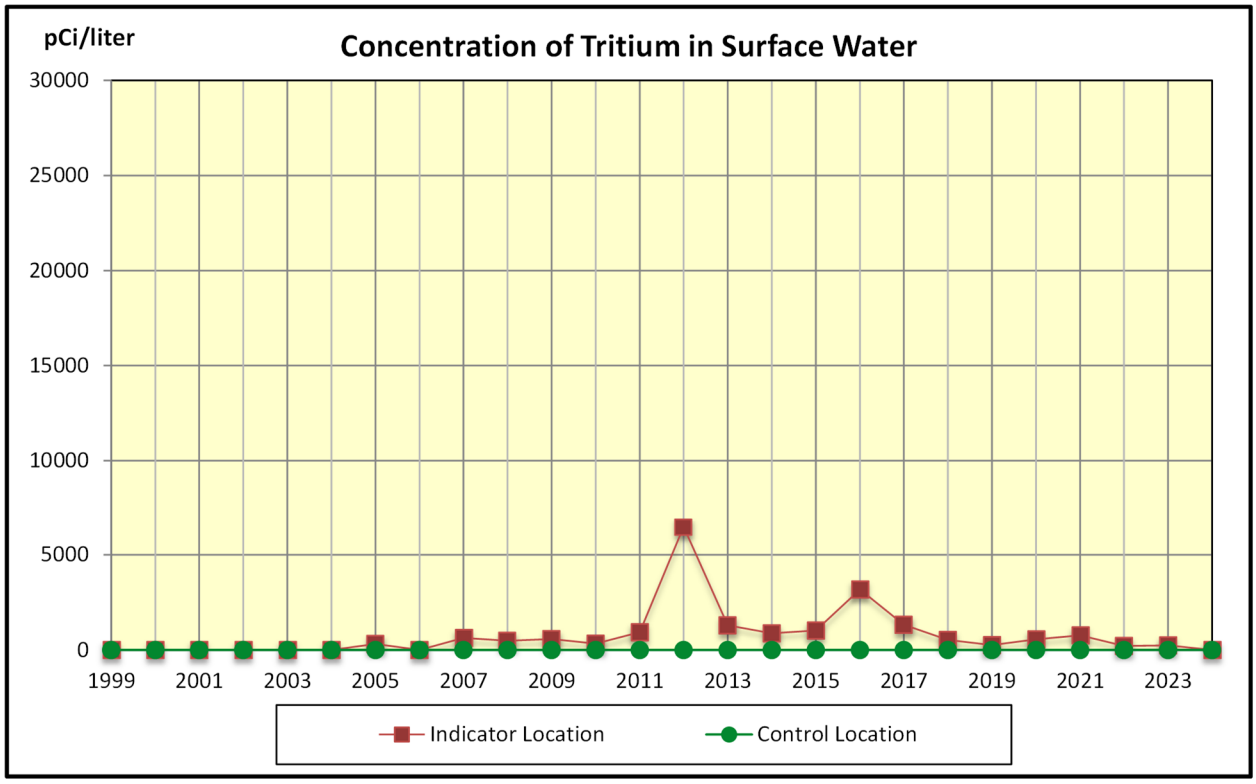
3.2 SURFACE WATER

Surface water samples were taken monthly from the intake canal, the discharge canal, five Nancy's Creek surface water locations, and four Nancy's Creek Marsh Area surface water locations. Monthly composite samples were collected from locations 400 and 401 and monthly grab samples were collected from locations 494, 495, 496, 497, 498, 499, 604, 607, and 609.

In 2024, 132 surface water samples were analyzed for gamma emitting radionuclides and tritium. No detectable gamma activity attributable to BSEP operation was found in surface water samples in 2024. Be-7 and K-40 observed in some surface water samples are naturally occurring radionuclides. Tritium was not detected in any of the 132 surface water samples taken in 2024. Tritium was not detected in any of the control location samples in 2024. The reporting limit for tritium in environmental surface water samples is 30,000 pCi/L.

Figure 3.2 displays the tritium results for the highest annual mean indicator and control locations concentrations since 1999. Table 3.2 lists the highest annual mean concentrations for indicator and control locations.

Figure 3.2



There is no reporting level for tritium in surface water; however, if no drinking water pathway exists, a value of 30,000 pCi/l may be used.

Table 3.2 Mean Concentration of Tritium in Surface Water

Year	Indicator Location (pCi/l)	Control Location (pCi/l)
1999	0.00E+0	0.00E+0
2000	0.00E+0	0.00E+0
2001	0.00E+0	0.00E+0
2002	0.00E+0	0.00E+0
2003	0.00E+0	0.00E+0
2004	0.00E+0	0.00E+0
2005	3.22E+2	0.00E+0
2006	0.00E+0	0.00E+0
2007	6.30E+2	0.00E+0
2008	4.85E+2	0.00E+0
2009	5.75E+2	0.00E+0
2010	3.39E+2	0.00E+0
2011	9.28E+2	0.00E+0
2012	6.47E+3	0.00E+0
2013	1.29E+3	0.00E+0
2014	8.80E+2	0.00E+0
2015	1.02E+3	0.00E+0
2016	3.18E+3	0.00E+0
2017	1.33E+3	0.00E+0
2018	5.36E+2	0.00E+0
2019	2.51E+2	0.00E+0
2020	5.55E+2	0.00E+0
2021	7.63E+2	0.00E+0
2022	2.12E+2	0.00E+0
2023	2.40E+2	0.00E+0
2024	0.00E+0	0.00E+0

0.00E+0 indicates no detectable measurements

3.3 GROUND WATER

In 2024, there were 28 grab samples collected from seven ground water indicator locations and analyzed for gamma emitting radionuclides and/or tritium. The grab samples were collected quarterly for tritium testing and semiannually for gamma spectroscopy testing. There is no ground water control location sampled.

No detectable gamma activity attributable to BSEP operation was found in ground water samples in 2024. K-40 observed in some ground water samples is a naturally occurring radionuclide. Tritium was detected in eight of the 28 indicator ground water samples taken in 2024 with a mean tritium concentration of 3211 pCi/L.

Brunswick county utilizes water from the Cape Fear River, which is processed at the Northwest Water Treatment Plant, and groundwater that is pumped from the Castle Hayne Aquifer, which is processed at the 211 Water Treatment Plant in Southport. The 211 Water Treatment Plant supplies drinking water to Southport, Oak Island, and St. James Plantation. The 211 Water Treatment Plant uses ground water from fourteen wells screened in the Castle Hayne formation approximately 175 feet below the ground's surface and is located approximately 4 miles northwest, up gradient, of the site according to the North Carolina Department of Environmental Quality (NCDEQ) Public Water Supply Section and the Brunswick County Public Utilities Water Distribution Division. The City of Southport has a network of ground water supply wells installed in the Castle Hayne and PeeDee aquifers, within two miles of the BNP Storm Drain Stabilization Pond (SDSP) area; however, these wells are only maintained as emergency or backup supply wells. Between the Ground Water Program at BSEP, the BSEP REMP, the information provided by the Castle Hayne Aquifer/ formation, and Silar Services, Inc.; the drinking water source for the public is sufficiently monitored and a control point for sampling drinking water is not needed.

Table 3.3 lists the tritium results for the highest annual mean concentrations for indicator and control locations (if applicable) since 1999.

Table 3.3 Mean Concentration of Tritium in Ground Water

Year	Indicator Location (pCi/l)	Control Location (pCi/l)
1999	N/A	N/A
2000	N/A	N/A
2001	N/A	N/A
2002	N/A	N/A
2003	N/A	N/A
2004	N/A	N/A
2005	N/A	N/A
2006	N/A	N/A
2007	N/A	N/A
2008	1.50E+6	No Control
2009	6.48E+5	No Control
2010	5.66E+5	No Control
2011	3.10E+2	No Control
2012	4.00E+2	No Control
2013	4.66E+2	No Control
2014	6.54E+2	No Control
2015	4.02E+2	No Control
2016	0.00E+0	No Control
2017	3.76E+2	No Control
2018	3.22E+2	No Control
2019	3.34E+2	No Control
2020	2.24E+2	No Control
2021	2.94E+2	No Control
2022	2.36E+2	No Control
2023	4.22E+3	No Control
2024	4.44E+3	No Control

0.00E+0 indicates no detectable measurements
N/A indicates that Ground Water samples were not part of the BSEP REMP until 2008.

3.4 MILK

No milk sampling locations are currently identified in BSEP environs, therefore no sampling of this media was available or performed in 2024. No indicator dairies were identified by the 2024 land use census.

3.5 BROADLEAF VEGETATION

In 2024, seventy-two broadleaf vegetation samples were collected monthly (as available) and analyzed by gamma spectroscopy, 60 at the six indicator locations and twelve at the control location.

No gamma activity was detected in any of the 60 indicator location samples. No gamma activity was detected in any of the 12 control location samples. Cs-137 is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed in samples from indicator and control locations since the preoperational period. Figure 3.5 displays the highest annual mean indicator and control location concentrations for Cs-137 in broadleaf vegetation since 1999. Table 3.5 lists the highest indicator location annual mean and control location annual means for Cs-134, Cs-137, Co-60, and I-131 since 1999. Visual inspection of the tabular data did see a decrease in Cs-137 activity in the control location, but since this is a constituent of nuclear weapons test fallout and nuclear plant accidents and the activity was well below the reporting levels, it is not considered to be significant.

K-40 and Be-7 observed in broadleaf vegetation samples are naturally occurring radionuclides.

Figure 3.5

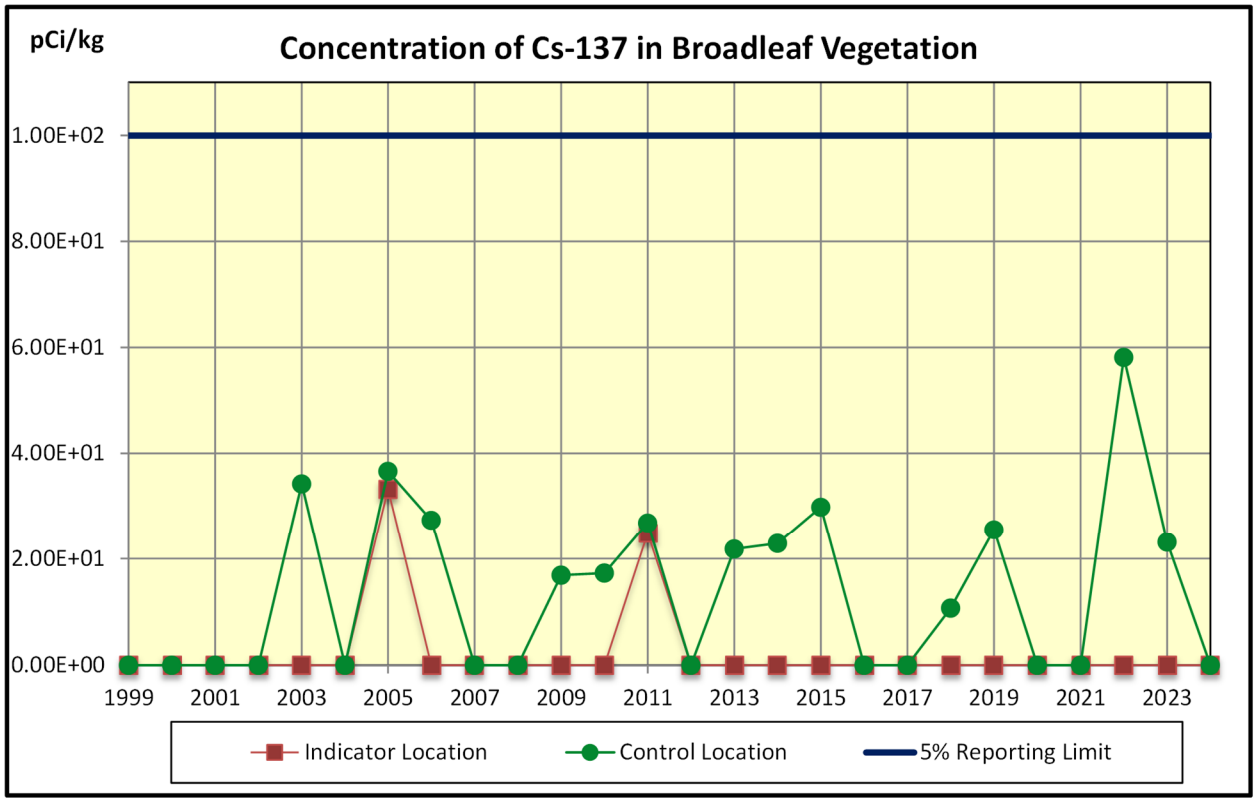


Table 3.5 Mean Concentrations of Radionuclides in Broadleaf Vegetation (pCi/kg)

Year	Cs-134 Indicator	Cs-134 Control	Cs-137 Indicator	Cs-137 Control	Co-60 Indicator	Co-60 Control	I-131 Indicator	I-131 Control
1999	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2000	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2001	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2002	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2003	0.00E+0	0.00E+0	0.00E+0	3.42E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2004	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2005	0.00E+0	0.00E+0	3.32E+1	3.66E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2006	0.00E+0	0.00E+0	0.00E+0	2.73E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2007	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2008	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2009	0.00E+0	0.00E+0	0.00E+0	1.69E+1	4.94E+1	0.00E+0	0.00E+0	0.00E+0
2010	0.00E+0	0.00E+0	0.00E+0	1.73E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2011[(1)]	2.60E+1	1.64E+1	2.48E+1	2.68E+1	0.00E+0	0.00E+0	2.20E+2	1.48E+2
2012	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2013	0.00E+0	0.00E+0	0.00E+0	2.18E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2014[(2)]	0.00E+0	0.00E+0	0.00E+0	2.29E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2015	0.00E+0	0.00E+0	0.00E+0	2.98E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2016	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2017	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2018	0.00E+0	0.00E+0	0.00E+0	1.07E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2019	0.00E+0	0.00E+0	0.00E+0	2.55E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2020	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2021	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2022[(3)]	0.00E+0	0.00E+0	0.00E+0	5.81E+1	8.57E+0	0.00E+0	1.30E+1	0.00E+0
2023	0.00E+0	0.00E+0	0.00E+0	2.31E+1	0.00E+0	0.00E+0	0.00E+0	0.00E+0
2024	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0

0.00E+0 indicates no detectable measurements

(1) 2011 concentration affected by Fukushima Dai-ichi

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

(3) NCR# 02428616

3.6 FISH and INVERTEBRATES

In 2024, fifteen fish samples were collected and analyzed for gamma emitting radionuclides, nine at the indicator locations and six at the control locations. Fish (free swimmers and bottom feeders), invertebrate (SH), and benthic organism (BO) samples were collected semiannually. Gamma spectroscopy analysis on the edible portions of each sample indicated no gamma emitting radionuclides attributable to BSEP plant operations in any indicator or control location 2024 fish samples.

K-40 is a naturally occurring radionuclide observed in fish samples.

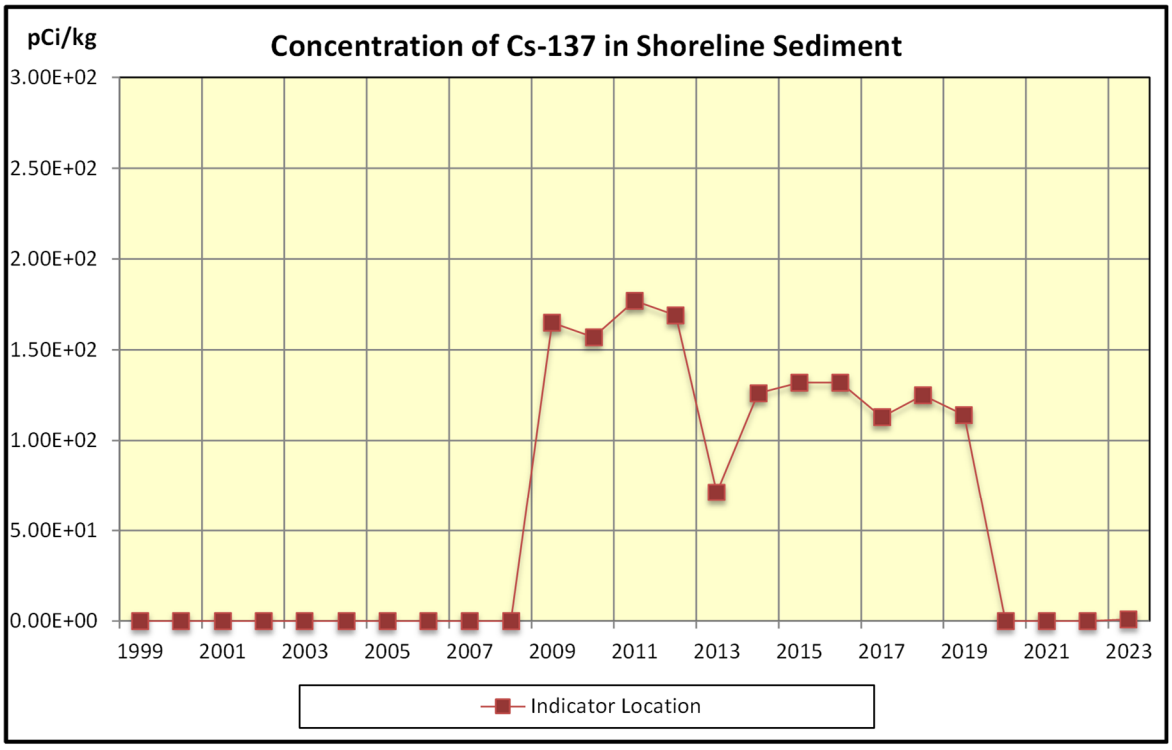
3.7 SHORELINE SEDIMENT

In 2024, four shoreline sediment samples were analyzed from two indicator locations. A gamma analysis was performed on each sample following the drying and removal of rocks and clams. There is no control shoreline sediment location. No detectable gamma activity attributable to BSEP operation was found in shoreline sediment samples in 2024.

Figure 3.7 shows Cs-137 highest annual mean indicator concentrations since 1999. Table 3.7 shows indicator location highest annual means since 1999. There is no reporting level for shoreline sediment.

K-40 observed in shoreline samples is a naturally occurring radionuclide.

Figure 3.7



There is no reporting level for Cs-137 in shoreline sediment

Table 3.7 Mean Concentration of Radionuclides in Shoreline Sediment

YEAR	Cs-137 Indicator (pCi/kg)
1999	0.00E+0
2000	0.00E+0
2001	0.00E+0
2002	0.00E+0
2003	0.00E+0
2004	0.00E+0
2005	0.00E+0
2006	0.00E+0
2007	0.00E+0
2008	0.00E+0
2009	1.65E+2
2010	1.57E+2
2011	1.77E+2
2012	1.69E+2
2013	7.13E+1
2014[(1)]	1.26E+2
2015	1.32E+2
2016	1.32E+2
2017	1.13E+2
2018	1.25E+2
2019	1.14E+2
2020	0.00E+0
2021	0.00E+0
2022	0.00E+0
2023	0.00E+0
2024	0.00E+0

0.00E+0 indicates no detectable measurements

There is no control location for Shoreline Sediment.

(1) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

3.8 DIRECT GAMMA RADIATION

3.8.1 ENVIRONMENTAL TLD

The BSEP site is located on land owned entirely by Duke Energy Progress, Inc. BSEP is licensed with an exclusion area boundary defined by UFSAR Section 2.1.2. No permanent public access is permitted within the exclusion area. For the purpose of effluent release calculations, the boundary for atmospheric releases is the site boundary and the boundary for liquid releases is the site boundary or prior to dilution by a natural body of water, whichever occurs first.

In 2024, there were 180 TLDs analyzed, 176 at indicator locations and 4 at the control location. TLDs were collected and analyzed quarterly. Transit TLDs and laboratory background TLDs were used for determining transit and laboratory background dose and were subtracted from gross field readings as required by ANSI N545-1975.

TLD locations designated as "inner ring" are placed in each meteorological sector in the general area of the site boundary as is reasonably accessible and practical and all are used as indicators. Due to close proximity with Brunswick, and most being within the exclusion area boundary, inner ring TLD locations are not good indicators of radiation exposure to a member of the public, but are good at determining nearby environmental effects due to plant operation. Based on their placement, inner ring TLD locations are expected to occasionally be influenced by normal plant operation. TLD locations designated as "outer ring" are placed in each meteorological sector at distances of 8 kilometers or greater from the site as is reasonably accessible and practical. All outer ring TLD locations are used as indicators. The one "control" location is 9.98 miles WNW from station center. This location was chosen to reduce the probability of influence from Brunswick operation on data. The control location is not used as background subtraction in the TLD analysis. Its purpose is to provide a comparison to indicator locations.

The environmental data on external radiation exposure for 2024 was essentially unchanged from 1989-2024, with an average exposure for all of 2024 indicator locations of 10.1 mR per std. quarter. The TLD location with the highest annual mean of 16.2 mR per std. quarter was location 17, located 1.41 miles ESE of the plant. Control TLD location 81 had an annual mean of 10.6 mR per std. quarter.

Figure 3.8 and Table 3.8-A show TLD inner ring, outer ring, and control location annual averages in mR per std. qtr. since 1999. The differences among these locations are attributed to variations in soils, local geology, and are not the result of plant operations. Table 3.8-B shows average TLD results (All Locations) from 1972 to 1994 in mR per week. Table 3.8-C shows TLD results (All Indicator Locations) from 1995 to 2024 in mR per std. quarter.

Quarterly, environmental ODCM TLD results are compared by location to its historical data to evaluate any significant changes. The comparison utilizes the location’s average exposure history to determine if quarterly results fall within expected low and high ranges and provides a reliable indication of potential changes occurring at a specific TLD location. The low and high ranges are determined by the historical average ± three standard deviations. The quarterly TLD evaluation implements portions of American National Standard ANSI/HPS N13.37-2014, “Environmental

Dosimetry – Criteria for System Design and Implementation, for environmental Thermoluminescent Dosimeters (TLD)". The CSD-RP-ALL-0030 – Updated Radiological Environmental Monitoring Program TLD Analytical Method, describes the process implemented in late 2018 for the fleet TLD programs. TLD values identified as < Low Range or > High Range are evaluated in consideration of factors including possible TLD damage, sampling deviations, glow curve irregularities, and any known environmental location changes which may affect results. TLD results are found in Appendix E.

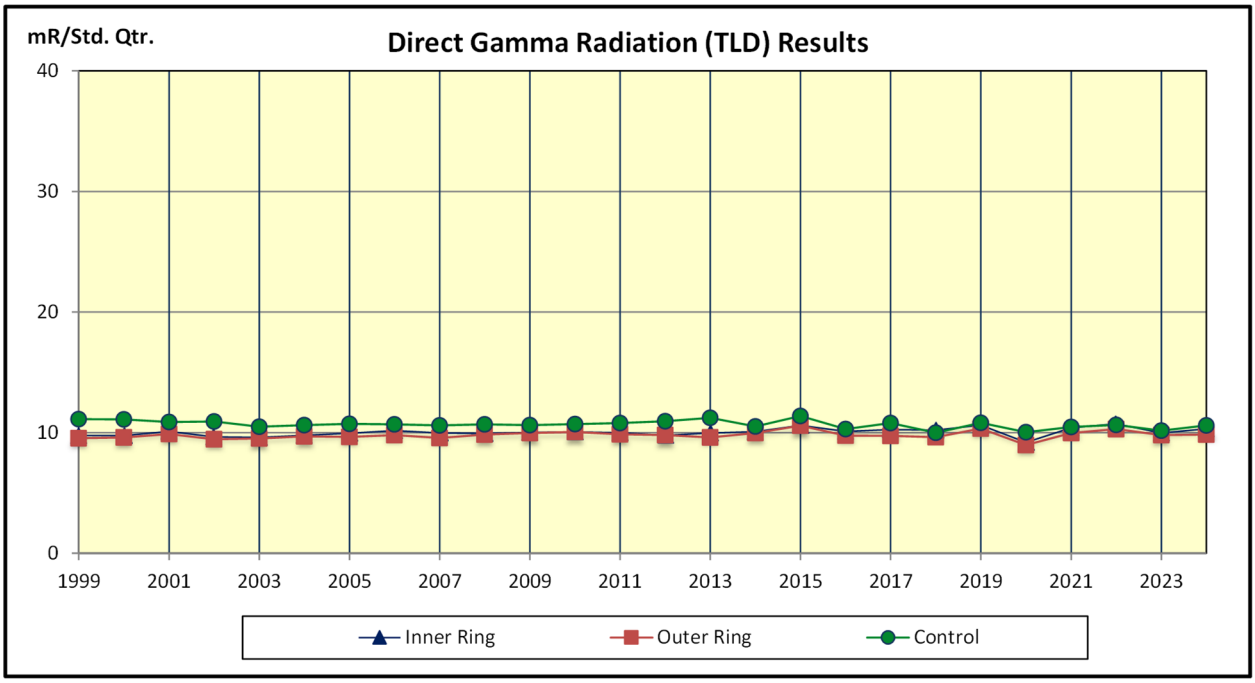
TLD Locations 90 (5.68 miles W), and 91 (0.95 miles S) exceeded the low range values in the third quarter of 2024 due to the locations being new and there not being enough historical data from these locations.

A TLD Intercomparison Program is conducted as part of the quality assurance program. Results of this program are included in Section 4.7.

3.8.2 ISFSI

BSEP ISFSI TLDs were added to the program in the 3rd quarter of 2010. The ISFSI TLDs are not part of the plant's environmental TLD monitoring program. Comparison of the 2024 ISFSI TLD data after loaded fuel with preoperational data (2008 – 3rd Quarter 2010) indicates that the average pre-op TLD dose levels were about the same as the average after fuel was loaded (Table 3.8-D). Dry fuel storage radiation measurements have been monitored since 2008 and additional information can be found in the BSEP 2024 Annual Radioactive Effluent Release Report (ARERR).

Figure 3.8



There is no reporting level for Direct Radiation (TLD)

Table 3.8-A Direct Gamma Radiation (TLD) Results

Year	Inner Ring Average (mR/Std. Qtr.)	Outer Ring Average (mR/Std. Qtr.)	Control Average (mR/Std. Qtr.)
1999	9.76E+0	9.53E+0	1.11E+1
2000	9.75E+0	9.61E+0	1.11E+1
2001	1.01E+1	9.88E+0	1.09E+1
2002	9.65E+0	9.45E+0	1.09E+1
2003	9.60E+0	9.51E+0	1.05E+1
2004	9.78E+0	9.68E+0	1.06E+1
2005	9.94E+0	9.64E+0	1.07E+1
2006	1.02E+1	9.80E+0	1.07E+1
2007	9.96E+0	9.55E+0	1.06E+1
2008	9.93E+0	9.83E+0	1.07E+1
2009	1.00E+1	9.98E+0	1.06E+1
2010	1.01E+1	1.01E+1	1.07E+1
2011	1.00E+1	9.86E+0	1.08E+1
2012	9.78E+0	9.79E+0	1.10E+1
2013	9.98E+0	9.61E+0	1.12E+1
2014[1]	1.01E+1	9.98E+0	1.05E+1
2015	1.06E+1	1.06E+1	1.14E+1
2016	1.01E+1	9.76E+0	1.03E+1
2017	1.03E+1	9.73E+0	1.08E+1
2018	1.02E+1	9.62E+0	1.00E+1
2019	1.06E+1	1.03E+1	1.08E+1
2020[2]	9.18E+0	8.98E+0	1.00E+1
2021	1.04E+1	9.96E+0	1.05E+1
2022	1.07E+1	1.03E+1	1.07E+1
2023	9.96E+0	9.79E+1	1.02E+1
2024	1.03E+1	9.83E+1	1.06E+1

(1) In 1Q2014 Panasonic TLDs were replaced with Harshaw TLDs causing a step change in activity (NCR # 01982479)

(2) Environmental TLD dual placement (Alpha & Bravo) implemented first quarter 2020.

Table 3.8-B

BSEP TLD RESULTS (1972-1994)

Year	Average TLD Exposure All Monitoring Locations (mR per week)*
1972 (4th Qtr.)	8.00E-1
1973	1.25E+0
1974	9.70E-1
1975 (1st, 2nd Qtr)	8.00E-1
1976	9.80E-1
1977	1.32E+0
1978	1.24E+0
1979	9.30E-1
1980	9.00E-1
1981	9.60E-1
1982	1.18E+0
1983	1.21E+0
1984	9.80E-1
1985	1.03E+0
1986	8.90E-1
1987	9.20E-1
1988	8.60E-1
1989	7.50E-1
1990	7.60E-1
1991	7.60E-1
1992	7.50E-1
1993	7.80E-1
1994	7.70E-1

*TLD exposure in mR per quarter beginning in 1995, reference Table 3.8-C.

Table 3.8-C

BSEP TLD RESULTS (1995-2024)

Year	Average TLD Exposure All Indicator Locations mR per standard quarter *
1995	1.01E+1
1996	1.01E+1
1997	1.01E+1
1998	9.70E+0
1999	9.70E+0
2000	9.70E+0
2001	1.00E+1
2002	9.60E+0
2003	9.60E+0
2004	9.70E+0
2005	9.80E+0
2006	1.00E+1
2007	9.80E+0
2008	9.90E+0
2009	1.00E+1
2010	1.01E+1
2011	9.90E+0
2012	9.80E+0
2013	9.80E+0
2014	1.00E+1
2015	1.07E+1
2016	1.00E+1
2017	1.01E+1
2018	1.00E+1
2019	1.05E+1
2020	9.09E+0
2021	1.02E+1
2022	1.05E+1
2023	9.91E+0
2024	1.01E+1**

* TLD exposure reported in milliroentgen (mR) per standard quarter (91 days), beginning 1995.
** The equivalent 2024 weekly exposure is 7.77E-1 mR.

Table 3.8-D

ISFSI TLD Dose (mR/Std. Qtr.)

Year	TLD # 82	TLD # 83	TLD # 84	TLD # 85
Average Pre-Op (1Q2008 to 3Q2010)	3.01E+1	2.24E+1	1.67E+1	5.32E+1
Average after Fuel Loaded (4Q2010 to 4Q2024)	3.13E+1	2.39E+1	2.08E+1	3.21E+1

3.9 LAND USE CENSUS

The 2024 BSEP Land Use Census (LUC) was conducted on 7/8 – 7/9/2024 during the growing season as required by the BSEP ODCM to identify within 8 kilometers (5.0 miles) from the plant the nearest location from the site boundary in each of the sixteen meterological sectors, the following: nearest residence, nearest garden greater than 50 square meters or 500 square feet, and the nearest milk-giving animal (cow, goat, etc.).

Additionally, the LUC must also identify (for elevated releases) within the three-mile (4.8 kilometer) radius of the plant (garden census) for each of the 16 meteorological sectors the following: all milk animals and all gardens greater in size than 500 square feet (50 square meters).

The primary method of performing the land use census is visual inspection from the roadside within the five (5) mile radius, with the exception of the Sunny Point Military Ocean terminal. This information may be supplemented with data from aerial photographs and a Global Positioning System (GPS) to determine distance and direction from the plant. Distances from the plant are accurate to within one tenth of a mile.

Table 3.9-A summarizes the land use census results that was conducted within five miles of BSEP. Table 3.9-B summarizes the results of the garden census that was conducted within three miles of BSEP. A map indicating identified locations is shown in Figure 3.9.

During the 2024 census, no milk locations were identified. The nearest residence is located in the West sector at 0.84 miles. No changes were required to the BSEP REMP as a result of the 2024 Land Use Census.

Table 3.9-A

Brunswick Steam Electric Plant

Land Use Census Comparison (2023 – 2024)

Performed – July 8-9, 2024

Nearest Pathway (Miles)

SECTOR	RESIDENT		GARDEN		MILK ANIMALS	
	2023	2024	2023	2024	2023	2024
N	0.87	0.87	1.10	1.10	---	---
NNE	0.91	0.91	0.99	---*	---	---
NE	---	---	---	---	---	---
ENE	---	---	---	---	---	---
E	---	---	---	---	---	---
ESE	1.37	1.37	1.48	---*	---	---
SE	---	---	---	---	---	---
SSE	1.22	1.22	---	---	---	---
S	1.02	1.02	1.56	2.17*	---	---
SSW	1.25	1.25	1.59	1.72*	---	---
SW	0.97	0.97	0.97	2.88*	---	---
WSW	1.27	1.27	1.27	---*	---	---
W	0.84	0.84	1.28	4.07*	---	---
WNW	0.90	0.90	---	---	---	---
NW	0.95	0.95	0.95	4.30*	---	---
NNW	0.86	0.86	0.96	1.02*	---	---

NOTE: Sector and distance determined by Global Positioning System.

* Represents a change from previous year.

--- Indicates no occurance within 3 or 5 mile radius.

Table 3.9-B

Brunswick Steam Electric Plant

Garden Census – 2024

Performed - July 8-9, 2024

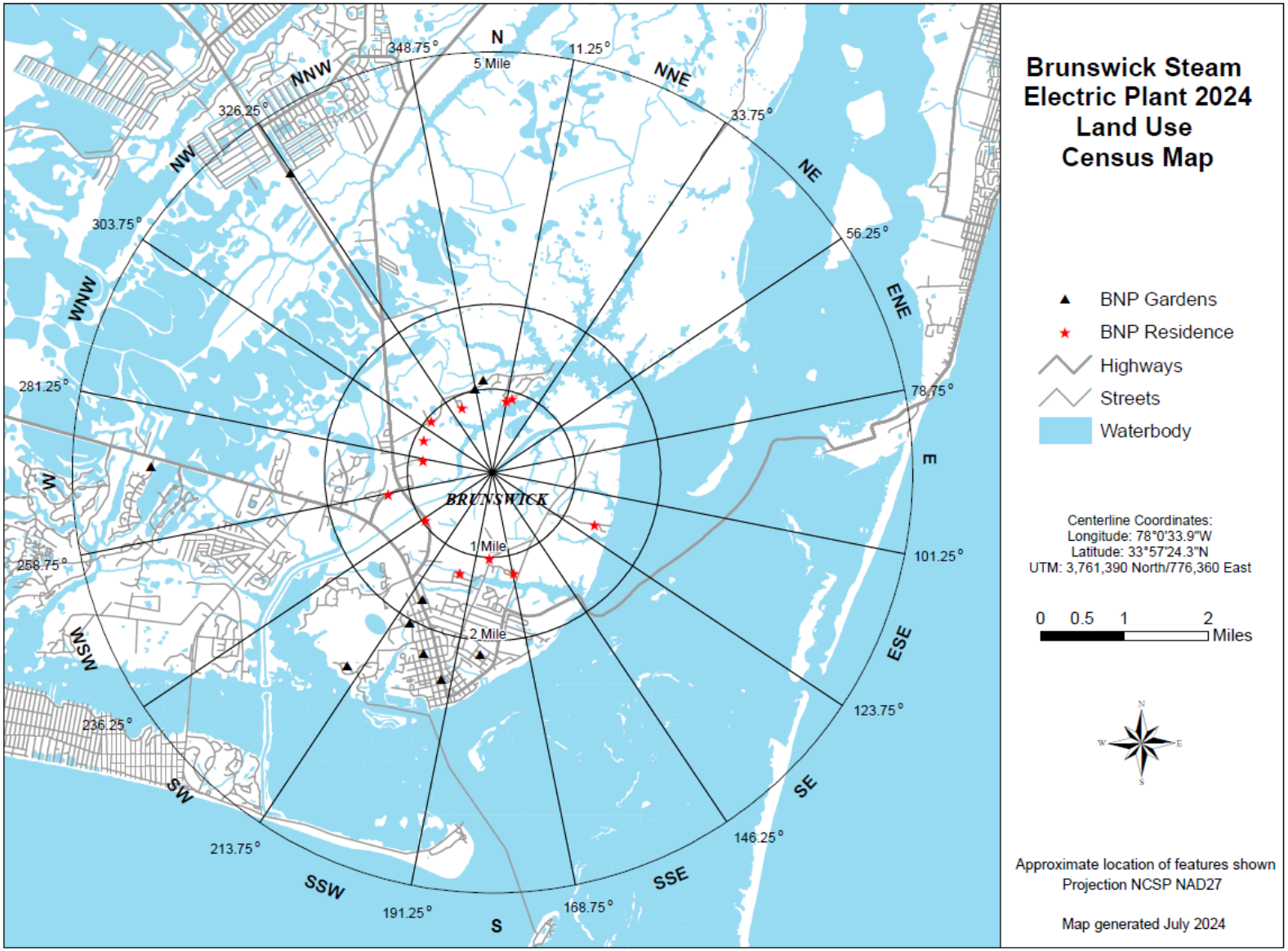
SECTOR	Bearing (degrees)	DISTANCE (miles)		SECTOR	Bearing (degrees)	DISTANCE (miles)
N	174	1.10*		SSW	029	2.04
NNE	---	---		SSW	021	2.30
NE	---	---		SSW	014	2.53
ENE	---	---		SW	037	2.88*
E	---	---		WSW	---	---
ESE	---	---		W	091	4.07*
SE	---	---		WNW	---	---
SSE	---	---		NW	146	4.30*
S	004	2.17*		NNW	168	1.02*
SSW	029	1.72*				

Note: Two geographical descriptors (bearing and mileage) are provided due to multiple gardens occurring in one sector . Sector and distance Determined by Global Positioning System

--- Indicates no occurance within 3 or 5 mile radius.

* Indicates nearest garden in sector.

Figure 3.9


Brunswick Steam Electric Plant 2024 Land Use Census Map
BNP Gardens
BNP Residence
Highways
Streets
Waterbody
Centerline Coordinates:
Longitude: 78°0'33.9"W
Latitude: 33°57'24.3"N
UTM: 3,761,390 North/776,360 East
0 0.5 1 2 Miles
Approximate location of features shown
Projection NCSP NAD27
Map generated July 2024
N
NNE
NE
ENE
E
ESE
SE
SSE
S
SSW
SW
WSW
W
WNW
NW
NNW
348.75°
11.25°
33.75°
56.25°
78.75°
101.25°
123.75°
146.25°
168.75°
191.25°
213.75°
236.25°
258.75°
281.25°
303.75°
326.25°
5 Mile
2 Mile
1 Mile
BRUNSWICK

4.0 QUALITY ASSURANCE

4.1 SAMPLE COLLECTION

Environmental sample collection at BSEP was performed by BSEP Station Sciences in 2024 as specified by approved sample collection procedures.

4.2 SAMPLE ANALYSIS

EnRad Laboratories performed the environmental sample analyses as specified by approved analysis procedures. EnRad Laboratories is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.3 DOSIMETRY ANALYSIS

The Dosimetry and Records group performed the environmental dosimetry measurements as specified by approved dosimetry analysis procedures. The Dosimetry and Records Laboratory is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.4 LABORATORY EQUIPMENT QUALITY ASSURANCE

4.4.1 DAILY QUALITY CONTROL

EnRad Laboratories has an internal quality assurance program which monitors each type of instrumentation for reliability and accuracy. Daily quality control checks ensure that instruments are in proper working order and these checks are used to monitor instrument performance.

4.4.2 CALIBRATION VERIFICATION

National Institute of Standards and Technology (NIST) standards that represent counting geometries are analyzed as unknowns at various frequencies ranging from weekly to annually to verify that efficiency calibrations are valid. The frequency is dependent upon instrument use and performance. Investigations are performed and documented should calibration verification data fall outside of the acceptable limits.

4.4.3 BATCH PROCESSING

Method quality control samples are analyzed with sample analyses that are processed in batches. These include tritium analyses in surface water and ground water samples.

4.5 DUKE ENERGY INTERLABORATORY COMPARISON PROGRAM

In 2024 Duke Energy Environmental Laboratory (EnRad) participated in interlaboratory programs to satisfy Radiological Environmental Monitoring Program requirements in Duke Energy nuclear plant Offsite Dose Calculation Manuals and Selected Licensee Commitments Manuals, as applicable.

EnRad Laboratory participated in an interlaboratory program with Eckert & Ziegler Analytics (EZA) in 2024. EZA results were evaluated against the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. All regulatory requirements continue to be met by the EZA Cross Check Program.

4.5.1 ECKERT & ZIEGLER ANALYTICS CROSS CHECK PROGRAM

EZA mixed gamma in liquid, mixed gamma in vegetation, mixed gamma in soil, low-level I-131 in liquid, mixed gamma air filter composites, I-131 air cartridges, gross beta in water, gross beta in filters, and tritium in water were analyzed at various times of the year at EnRad Laboratories. A summary of the applicable REMP EnRad Laboratory program results for 2024 is documented in Table 4.0-A.

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria.

4.6 STATE OF NORTH CAROLINA INTERCOMPARISON PROGRAM

EnRad Laboratories routinely participates with the North Carolina Department of Health and Human Services in an intercomparison program. EnRad Laboratories sends McGuire Nuclear Plant Radiological Environmental Monitoring Program air, drinking water, surface water, milk, fish, food products, and shoreline sediment samples to the North Carolina Department of Health and Human Services, Division of Public Health for intercomparison analysis.

4.7 TLD INTERCOMPARISON PROGRAM

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimeters quarterly using the NIST-traceable Hopewell and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria. A summary of the 2024 Internal Cross Check (Duke Energy) Program is documented in Table 4.0-B.

TABLE 4.0-A

ECKERT & ZIEGLER ANALYTICS

CROSS CHECK PROGRAM

2024 Cross Check Results for EnRad Laboratories

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Results are reported directly to Eckert & Ziegler Analytics. Environmental cross check samples were analyzed in replicate, and the result closest to the mean is reported to Eckert & Ziegler Analytics. The acceptance criteria for the program was based on the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria based.

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Beta Filter in Planchet	E13975	Cs-137	2	pCi	222	232	0.96	Agreement
I-131 in Charcoal Cartridge	E13973	I-131	2	pCi	88.0	91.5	0.96	Agreement
Gamma in Soil	E13974	Ce-141	2	pCi/g	0.0818	0.0632	1.29	Agreement
		Co-60	2	pCi/g	0.599	0.659	0.91	Agreement
		Cr-51	2	pCi/g	0.407	0.491	0.83	Agreement
		Cs-134	2	pCi/g	0.376	0.408	0.92	Agreement
		Cs-137	2	pCi/g	0.403	0.451	0.89	Agreement
		Fe-59	2	pCi/g	0.269	0.293	0.92	Agreement
		Mn-54	2	pCi/g	0.322	0.344	0.94	Agreement
		Zn-65	2	pCi/g	0.159	0.167	0.95	Agreement
Gamma in Simulated Vegetation	E13981	Ce-141	3	pCi/g	0.236	0.226	1.05	Agreement
		Co-58	3	pCi/g	0.283	0.272	1.04	Agreement
		Co-60	3	pCi/g	0.446	0.429	1.04	Agreement
		Cr-51	3	pCi/g	0.486	0.499	0.97	Agreement
		Cs-134	3	pCi/g	0.312	0.341	0.92	Agreement
		Cs-137	3	pCi/g	0.238	0.232	1.03	Agreement
		Fe-59	3	pCi/g	0.214	0.207	1.04	Agreement
		Mn-54	3	pCi/g	0.298	0.294	1.01	Agreement
		Zn-65	3	pCi/g	0.524	0.501	1.05	Agreement

TABLE 4.0-A (Cont.)

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Gamma in Composite Filter	E13979	Ce-141	3	pCi	90.7	86.1	1.05	Agreement
		Co-58	3	pCi	107	104	1.03	Agreement
		Co-60	3	pCi	169	164	1.03	Agreement
		Cr-51	3	pCi	200	191	1.05	Agreement
		Cs-134	3	pCi	124	130	0.95	Agreement
		Cs-137	3	pCi	94.7	88.6	1.07	Agreement
		Fe-59	3	pCi	81.0	78.9	1.03	Agreement
		Mn-54	3	pCi	118	112	1.05	Agreement
		Zn-65	3	pCi	209	191	1.09	Agreement
Gamma in Water	E13980	Ce-141	3	pCi/L	147	129	1.14	Agreement
		Co-58	3	pCi/L	162	156	1.04	Agreement
		Co-60	3	pCi/L	258	246	1.05	Agreement
		Cr-51	3	pCi/L	291	287	1.02	Agreement
		Cs-134	3	pCi/L	189	195	0.97	Agreement
		Cs-137	3	pCi/L	142	133	1.07	Agreement
		Fe-59	3	pCi/L	133	119	1.12	Agreement
		Mn-54	3	pCi/L	183	169	1.08	Agreement
		Zn-65	3	pCi/L	318	288	1.11	Agreement
Milk LLI-131	E13976	I-131	2	pCi/L	93.2	90.0	1.04	Agreement
Gross Beta in Water	E13978	Cs-137	2	pCi/L	272	292	0.93	Agreement
Tritium in Water	E13982	H-3	3	pCi/L	1.42E+04	1.45E+04	0.98	Agreement

TABLE 4.0-B

2024 ENVIRONMENTAL DOSIMETER

CROSS CHECK RESULTS

Internal Crosscheck (Duke Energy

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimetry quarterly and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria.

1st Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100181	55.60	55.58	0.04	<+/-20%	Pass
100846	53.18	55.58	-4.32	<+/-20%	Pass
102937	59.62	55.58	7.27	<+/-20%	Pass
100847	53.86	55.58	-3.09	<+/-20%	Pass
101382	54.43	55.58	-2.07	<+/-20%	Pass
100945	54.12	55.58	-2.63	<+/-20%	Pass
101232	55.07	55.58	-0.92	<+/-20%	Pass
100148	53.84	55.58	-3.13	<+/-20%	Pass
100734	53.03	55.58	-4.59	<+/-20%	Pass
101019	54.70	55.58	-1.58	<+/-20%	Pass
		Average Bias (B)	-1.50		
		Standard Deviation (S)	3.40		
		Measure Performance |B|+S	4.90	<20%	Pass

2nd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100755	17.91	18.47	-3.03	<+/-20%	Pass
100757	18.62	18.47	0.81	<+/-20%	Pass
100760	18.07	18.47	-2.17	<+/-20%	Pass
100740	18.43	18.47	-0.22	<+/-20%	Pass
100762	18.16	18.47	-1.68	<+/-20%	Pass
100867	18.44	18.47	-0.16	<+/-20%	Pass
100775	18.72	18.47	1.35	<+/-20%	Pass
100768	18.42	18.47	-0.27	<+/-20%	Pass
100763	18.55	18.47	0.43	<+/-20%	Pass
100759	18.25	18.47	-1.19	<+/-20%	Pass
		Average Bias (B)	-0.61		
		Standard Deviation (S)	1.38		
		Measure Performance |B|+S	1.99	<20%	Pass

3rd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
103630	63.62	55.11	15.44	<+/-20%	Pass
100358	56.86	55.11	3.18	<+/-20%	Pass
103024	63.29	55.11	14.84	<+/-20%	Pass
104549	56.55	55.11	2.61	<+/-20%	Pass
103354	61.48	55.11	11.56	<+/-20%	Pass
102759	62.68	55.11	13.74	<+/-20%	Pass
103631	61.82	55.11	12.18	<+/-20%	Pass
102211	59.92	55.11	8.73	<+/-20%	Pass
103762	61.29	55.11	11.21	<+/-20%	Pass
103381	60.48	55.11	9.74	<+/-20%	Pass
		Average Bias (B)	10.32		
		Standard Deviation (S)	4.44		
		Measure Performance |B|+S	14.76	<20%	Pass

4th Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
104277	39.21	40.13	-2.29	<+/-20%	Pass
103273	43.04	40.13	7.25	<+/-20%	Pass
104821	39.65	40.13	-1.20	<+/-20%	Pass
103069	43.14	40.13	7.50	<+/-20%	Pass
103440	41.48	40.13	3.36	<+/-20%	Pass
103504	43.11	40.13	7.43	<+/-20%	Pass
102427	42.39	40.13	5.63	<+/-20%	Pass
103063	42.69	40.13	6.38	<+/-20%	Pass
102962	41.68	40.13	3.86	<+/-20%	Pass
104115	38.22	40.13	-4.76	<+/-20%	Pass
		Average Bias (B)	3.32		
		Standard Deviation (S)	4.50		
		Measure Performance |B|+S	7.81	<20%	Pass

APPENDIX A

ENVIRONMENTAL SAMPLING
&
ANALYSIS PROCEDURES

APPENDIX A

ENVIRONMENTAL SAMPLING AND ANALYSIS PROCEDURES

Adherence to established procedures for sampling and analysis of all environmental media at the Brunswick Steam Electric Plant (BSEP) was required to ensure compliance with the BSEP Offsite Dose Calculation Manual (ODCM). Analytical procedures were employed to ensure that the ODCM detection capabilities were achieved.

Environmental sampling was performed by BSEP Nuclear Station Sciences. Analyses were performed by EnRad Laboratories and Dosimetry and Records.

This appendix provides a description of the specific analyses performed on samples collected in the field. Changes to the sampling procedures and analyses procedures are also discussed in the section.

I. CHANGE OF SAMPLING PROCEDURES

No changes to sampling procedures were implemented during 2024.

II. DESCRIPTION OF ANALYSIS PROCEDURES

Gamma spectroscopy analyses are performed using high purity germanium gamma detectors and Mirion analytical software. Designated sample volumes are transferred to appropriate counting geometries and analyzed by gamma spectroscopy. Perishable samples such as fish and broadleaf vegetation are ground to achieve a homogeneous mixture. Soils and sediments are dried, sifted to remove foreign objects (rocks, clams, glass, etc.) then transferred to appropriate counting geometry.

Low-level iodine analyses are performed by passing a designated sample aliquot through a pre-determined amount of ion exchange resin to remove and concentrate any iodine in the aqueous sample (milk). The resin is then dried and mixed thoroughly before being transferred to appropriate counting geometry and analyzed by gamma spectroscopy.

Tritium analyses are performed by using low-level environmental liquid scintillation analysis technique on a Perkin-Elmer 4910TR liquid scintillation system or Perkin-Elmer 3100TR liquid scintillation system. Tritium samples are distilled and batch processed with a laboratory fortified blank, matrix spike, matrix spike duplicate, and blank to verify instrument performance and sample preparation technique are acceptable.

Gross beta analysis of air filters is performed by analyzing filters on Tennelec XLB Series gas-flow proportional counters. Samples are batch processed with a blank to ensure sample contamination has not occurred.

Gross beta analysis of liquid samples is performed by concentrating a designated aliquot of sample and analyzing by Perkin-Elmer 4910TR liquid scintillation system. Samples are batch processed with a blank to ensure sample contamination has not occurred.

III. CHANGE OF ANALYSIS PROCEDURES

A change was made to the gamma spectroscopy Analysis Sequence File used by the Mirion analytical software. The option of using the 95% critical level test was implemented in October 2024 in the Analysis Sequence File as recommended by Mirion and to be consistent with the Duke Energy nuclear fleet countrooms.

APPENDIX B

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

SUMMARY OF RESULTS

BRUNSWICK STEAM ELECTRIC PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Brunswick Steam Electric Plant
Brunswick County, North Carolina

Docket Numbers 50-324, 325
Calendar Year 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range [2] [3]		
Air Particulate (pCi/m^3)	Gross Beta 416[4]	See Table 2.2-C	1.70E-2 (312/312) 3.92E-3 – 3.44E-2	203 (1.92 mi SSW)	1.75E-2 (52/52) 3.92E-3 – 3.34E-2	204 (22.4 mi NNE) 206 (11.3 mi NW) 1.73E-2 (104/104) 6.13E-3 – 3.53E-2	0
	Gamma 32[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Air Radioiodine (pCi/m^3)	Gamma 416[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Broadleaf Vegetation (pCi/kg, wet)	Gamma 72	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Fish and Invertebrates (pCi/l)	Gamma 15	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Sediment - Shoreline (pCi/kg, dry)	Gamma 4	See Table 2.2-C	All less than LLD	-----	-----	No Control	0

BRUNSWICK STEAM ELECTRIC PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Brunswick Steam Electric Plant
Brunswick County, North Carolina

Docket Numbers 50-324, 325
Calendar Year 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean: Name, Distance, and Direction	Location w/Highest Annual Mean: Mean Range [2] [3]	Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
Surface Water (pCi/l)	Gamma 132	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium 132	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Ground Water (pCi/l)	Gamma 14	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 28	See Table 2.2-C	3.21E+03 (8/28) 1.69E+03 – 4.66E+03	420 Monitoring Well ESS-22B	4.44E+03 (4/4) 4.30E+03 – 4.66E+03	No Control	0
Direct Gamma Radiation (TLD) (mR per Std quarter)[5]	TLD Readout 180[4]	-----	1.01E+01 (176/176) 5.33E+00 – 1.97E+01	17 (1.41 mi ESE)	1.62E+01 (4/4) 1.24E+01 – 1.97E+01	81 (9.98 mi WNW) 1.06E+01 (4/4) 7.21E+00 – 1.25E+01	0
Direct Gamma Radiation (TLD) ISFSI (mR per Std quarter)[5]	TLD Readout 16	-----	2.83E+01 (16/16) 1.98E+01 – 4.18E+01	82 SW corner of ISFSI (0.17 mi NNE)	3.70E+01 (4/4) 3.23E+01 – 4.18E+01	No Control	

Footnotes to Appendix B

1. The Lower Limit of Detection (LLD) is the smallest concentration of radioactive material in a sample that will yield a net count above system background which will be detected with 95 percent probability and with only 5 percent probability of falsely concluding that a blank observation represents a "real" signal. Due to counting statistics and varying volumes, occasionally lower LLDs are achieved. Refer to Analytical Procedures Section/Gamma Spectrometry for an explanation of how LLD values were derived.

2. Mean and range are based on detectable measurements only.

3. The fractions of all samples with detectable activities at specific locations are indicated in parentheses.

4. Missing samples or surveillances are discussed in Appendix C or Appendix D.

5. TLD exposure is reported in milliroentgen (mR) per standard quarter (91 days).

APPENDIX C

SAMPLING DEVIATIONS
&
UNAVAILABLE ANALYSES

APPENDIX C

BRUNSWICK NUCLEAR PLANT
SAMPLING DEVIATIONS & UNAVAILABLE ANALYSES

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown Fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

C.1 SAMPLING DEVIATIONS

Air Particulate and Air Radioiodine

REMP weekly air samples (Air Particulate (AP) or Air Radioiodine (AR)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The Brunswick REMP air samplers operated for a total of 99.98% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
204	4/2 – 4/9/2024	PI	0.48 hours downtime due to power interrupt due to a storm in the area.	NCR # 02511636
203	9/10 – 9/17/2024	PI	8.42 hours downtime due to a storm in the area.	NCR # 02528943
205	10/8 – 10/15/2024	PI	4.31 hours downtime due to defective power cable and GFCI failure. A temporary extension cord was installed until the GFCI was eventually replaced.	NCR # 02531635
203	12/17 – 12/24/2024	PI	0.13 hours due to unknown power interruption.	NCR # 02539216

Surface Water

REMP monthly surface water samples (Surface Water (SW)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The surface water samplers operated for a total of 100% availability in 2024.

There were no surface water sampling deviations or unavailable surface water samples during 2024.

C.2 UNAVAILABLE ANALYSES

There were no unavailable analyses during 2024.

APPENDIX D

ANALYTICAL DEVIATIONS

APPENDIX D

BRUNSWICK NUCLEAR PLANT
ANALYTICAL DEVIATIONS

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

D.1 ANALYTICAL DEVIATIONS

Brunswick Steam Electric Plant environmental Alpha (A) and Bravo (B) TLDs are co-located TLDs placed next to each other to comply with ANSI/HPS N13.37-2014 Section 7.1 Paragraph 7. The TLD collection indicated incurred tampering/vandalism with one of the two co-located TLDs. One TLD for each collection was available and did not appear to have experienced any tampering/vandalism during the quarter. The remaining Bravo (B) TLD was collected and analyzed, but did not get averaged with the unusable Alpha (A) TLD which is normally included in the established process for the Brunswick Steam Electric Plant.

Direct Gamma Radiation (TLD)

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
87	4/4 – 7/8/2024	OT	The Bravo TLD was damaged by equipment.	NCR # 02522943

APPENDIX E

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM RESULTS

2024

This appendix includes sample analysis report summaries and supportive data generated from each sample medium for 2024.

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602909	1/2/2024 - 1/9/2024	Beta	1.95E-02	3.07E-03	3.40E-03
603819	1/9/2024 - 1/16/2024	Beta	2.13E-02	2.84E-03	3.02E-03
603942	1/16/2024 - 1/23/2024	Beta	2.37E-02	2.93E-03	2.92E-03
604188	1/23/2024 - 1/30/2024	Beta	5.46E-03	2.31E-03	3.40E-03
604503	1/30/2024 - 2/6/2024	Beta	1.63E-02	2.82E-03	3.17E-03
604775	2/6/2024 - 2/13/2024	Beta	8.46E-03	2.15E-03	2.83E-03
605111	2/13/2024 - 2/20/2024	Beta	2.11E-02	3.19E-03	3.48E-03
606235	2/20/2024 - 2/27/2024	Beta	1.97E-02	3.12E-03	3.51E-03
607117	2/27/2024 - 3/5/2024	Beta	8.84E-03	2.45E-03	3.27E-03
607641	3/5/2024 - 3/12/2024	Beta	7.87E-03	2.42E-03	3.36E-03
608887	3/12/2024 - 3/19/2024	Beta	1.76E-02	2.95E-03	3.32E-03
609300	3/19/2024 - 3/26/2024	Beta	1.30E-02	2.55E-03	3.19E-03
609490	3/26/2024 - 4/2/2024	Beta	1.62E-02	2.99E-03	3.62E-03
609913	1/2/2024 - 4/2/2024	Cs-134	<2.07E-03	0.00E+00	2.07E-03
		Cs-137	<1.59E-03	0.00E+00	1.59E-03
		Be-7	1.15E-01	3.17E-02	2.65E-02
		K-40	3.52E-02	1.70E-02	1.52E-02
609905	4/2/2024 - 4/9/2024	Beta	1.48E-02	2.51E-03	2.87E-03
610458	4/9/2024 - 4/16/2024	Beta	1.49E-02	2.83E-03	3.38E-03
610998	4/16/2024 - 4/23/2024	Beta	1.79E-02	3.03E-03	3.48E-03
611169	4/23/2024 - 4/30/2024	Beta	2.07E-02	2.78E-03	2.86E-03
611499	4/30/2024 - 5/7/2024	Beta	1.35E-02	2.79E-03	3.46E-03
611754	5/7/2024 - 5/14/2024	Beta	1.22E-02	2.70E-03	3.42E-03
612264	5/14/2024 - 5/21/2024	Beta	9.44E-03	2.40E-03	3.27E-03
612533	5/21/2024 - 5/28/2024	Beta	9.24E-03	2.67E-03	3.73E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
612697	5/28/2024 - 6/4/2024	Beta	2.25E-02	2.79E-03	2.67E-03
613538	6/4/2024 - 6/11/2024	Beta	1.77E-02	2.86E-03	3.09E-03
614058	6/11/2024 - 6/18/2024	Beta	1.82E-02	3.16E-03	3.76E-03
614295	6/18/2024 - 6/25/2024	Beta	1.02E-02	2.49E-03	3.18E-03
614458	6/25/2024 - 7/2/2024	Beta	1.01E-02	2.18E-03	2.68E-03
614671	4/2/2024 - 7/2/2024	Cs-134	<1.88E-03	0.00E+00	1.88E-03
		Cs-137	<1.44E-03	0.00E+00	1.44E-03
		Be-7	1.51E-01	3.52E-02	2.59E-02
		K-40	2.11E-02	1.34E-02	1.43E-02
614663	7/2/2024 - 7/9/2024	Beta	1.81E-02	3.00E-03	3.38E-03
615071	7/9/2024 - 7/16/2024	Beta	1.51E-02	2.91E-03	3.54E-03
615884	7/16/2024 - 7/23/2024	Beta	9.44E-03	2.57E-03	3.47E-03
616339	7/23/2024 - 7/30/2024	Beta	1.26E-02	2.46E-03	3.05E-03
616615	7/30/2024 - 8/6/2024	Beta	1.11E-02	2.57E-03	3.24E-03
617013	8/6/2024 - 8/13/2024	Beta	2.38E-02	3.16E-03	3.06E-03
617499	8/13/2024 - 8/20/2024	Beta	2.44E-02	2.93E-03	2.92E-03
617984	8/20/2024 - 8/27/2024	Beta	1.14E-02	2.83E-03	3.78E-03
618173	8/27/2024 - 9/3/2024	Beta	1.46E-02	2.71E-03	3.12E-03
618402	9/3/2024 - 9/10/2024	Beta	1.41E-02	2.34E-03	2.55E-03
619477	9/10/2024 - 9/17/2024	Beta	1.71E-02	2.76E-03	3.23E-03
619750	9/17/2024 - 9/24/2024	Beta	1.54E-02	2.52E-03	2.83E-03
620142	9/24/2024 - 10/1/2024	Beta	2.87E-02	3.60E-03	3.66E-03
620334	7/2/2024 - 10/1/2024	Cs-134	<1.68E-03	0.00E+00	1.68E-03
		Cs-137	<1.50E-03	0.00E+00	1.50E-03
		Be-7	1.35E-01	3.75E-02	3.71E-02
		K-40	<3.55E-02	0.00E+00	3.55E-02
620326	10/1/2024 - 10/8/2024	Beta	2.65E-02	3.34E-03	3.23E-03

Sample Point 200 [INDICATOR - WSW @ 0.91 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
620647	10/8/2024 - 10/15/2024	Beta	2.68E-02	3.06E-03	2.90E-03
621211	10/15/2024 - 10/22/2024	Beta	1.76E-02	2.66E-03	2.89E-03
621614	10/22/2024 - 10/29/2024	Beta	3.39E-02	3.29E-03	2.81E-03
621963	10/29/2024 - 11/5/2024	Beta	1.80E-02	2.70E-03	2.98E-03
622231	11/5/2024 - 11/12/2024	Beta	1.18E-02	2.63E-03	3.28E-03
622588	11/12/2024 - 11/19/2024	Beta	1.63E-02	2.56E-03	2.83E-03
622877	11/19/2024 - 11/26/2024	Beta	2.36E-02	2.94E-03	2.95E-03
623200	11/26/2024 - 12/3/2024	Beta	2.32E-02	3.15E-03	3.17E-03
624033	12/3/2024 - 12/10/2024	Beta	2.66E-02	3.47E-03	3.45E-03
624559	12/10/2024 - 12/17/2024	Beta	1.70E-02	3.00E-03	3.47E-03
624775	12/17/2024 - 12/24/2024	Beta	9.09E-03	2.57E-03	3.53E-03
624989	12/24/2024 - 12/31/2024	Beta	1.80E-02	2.85E-03	3.02E-03
625198	10/1/2024 - 12/31/2024	Cs-134	<1.96E-03	0.00E+00	1.96E-03
		Cs-137	<1.48E-03	0.00E+00	1.48E-03
		Be-7	9.34E-02	3.64E-02	4.41E-02
		K-40	3.57E-02	1.79E-02	1.84E-02

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602910	1/2/2024 - 1/9/2024	Beta	1.81E-02	3.00E-03	3.41E-03
603820	1/9/2024 - 1/16/2024	Beta	2.08E-02	2.84E-03	3.06E-03
603943	1/16/2024 - 1/23/2024	Beta	2.15E-02	2.84E-03	2.92E-03
604189	1/23/2024 - 1/30/2024	Beta	4.02E-03	2.19E-03	3.37E-03
604504	1/30/2024 - 2/6/2024	Beta	1.35E-02	2.67E-03	3.17E-03
604776	2/6/2024 - 2/13/2024	Beta	8.97E-03	2.18E-03	2.84E-03
605112	2/13/2024 - 2/20/2024	Beta	1.64E-02	2.99E-03	3.51E-03
606236	2/20/2024 - 2/27/2024	Beta	1.66E-02	2.95E-03	3.48E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
607118	2/27/2024 - 3/5/2024	Beta	1.03E-02	2.53E-03	3.26E-03
607642	3/5/2024 - 3/12/2024	Beta	8.52E-03	2.47E-03	3.38E-03
608888	3/12/2024 - 3/19/2024	Beta	1.99E-02	3.05E-03	3.29E-03
609301	3/19/2024 - 3/26/2024	Beta	1.31E-02	2.56E-03	3.20E-03
609491	3/26/2024 - 4/2/2024	Beta	2.26E-02	3.29E-03	3.61E-03
609914	1/2/2024 - 4/2/2024	Cs-134	<1.61E-03	0.00E+00	1.61E-03
		Cs-137	<1.44E-03	0.00E+00	1.44E-03
		Be-7	7.29E-02	3.00E-02	3.77E-02
		K-40	<3.22E-02	0.00E+00	3.22E-02
609906	4/2/2024 - 4/9/2024	Beta	1.16E-02	2.35E-03	2.89E-03
610459	4/9/2024 - 4/16/2024	Beta	1.45E-02	2.81E-03	3.37E-03
610999	4/16/2024 - 4/23/2024	Beta	1.69E-02	2.98E-03	3.50E-03
611170	4/23/2024 - 4/30/2024	Beta	2.08E-02	2.77E-03	2.85E-03
611500	4/30/2024 - 5/7/2024	Beta	1.35E-02	2.79E-03	3.45E-03
611755	5/7/2024 - 5/14/2024	Beta	1.50E-02	2.87E-03	3.45E-03
612265	5/14/2024 - 5/21/2024	Beta	8.41E-03	2.33E-03	3.25E-03
612534	5/21/2024 - 5/28/2024	Beta	1.06E-02	2.74E-03	3.73E-03
612698	5/28/2024 - 6/4/2024	Beta	2.07E-02	2.72E-03	2.68E-03
613539	6/4/2024 - 6/11/2024	Beta	1.76E-02	2.83E-03	3.07E-03
614059	6/11/2024 - 6/18/2024	Beta	1.78E-02	3.17E-03	3.80E-03
614296	6/18/2024 - 6/25/2024	Beta	8.08E-03	2.34E-03	3.15E-03
614459	6/25/2024 - 7/2/2024	Beta	1.00E-02	2.17E-03	2.66E-03
614672	4/2/2024 - 7/2/2024	Cs-134	<2.08E-03	0.00E+00	2.08E-03
		Cs-137	<1.06E-03	0.00E+00	1.06E-03
		Be-7	1.37E-01	3.72E-02	3.73E-02
		K-40	<3.47E-02	0.00E+00	3.47E-02
614664	7/2/2024 - 7/9/2024	Beta	1.69E-02	2.94E-03	3.40E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
615072	7/9/2024 - 7/16/2024	Beta	1.57E-02	2.92E-03	3.52E-03
615885	7/16/2024 - 7/23/2024	Beta	1.09E-02	2.67E-03	3.49E-03
616340	7/23/2024 - 7/30/2024	Beta	1.17E-02	2.42E-03	3.05E-03
616616	7/30/2024 - 8/6/2024	Beta	1.08E-02	2.55E-03	3.25E-03
617014	8/6/2024 - 8/13/2024	Beta	2.32E-02	3.12E-03	3.05E-03
617500	8/13/2024 - 8/20/2024	Beta	2.36E-02	2.94E-03	2.98E-03
617985	8/20/2024 - 8/27/2024	Beta	1.04E-02	2.73E-03	3.71E-03
618174	8/27/2024 - 9/3/2024	Beta	1.28E-02	2.61E-03	3.10E-03
618403	9/3/2024 - 9/10/2024	Beta	1.53E-02	2.42E-03	2.59E-03
619478	9/10/2024 - 9/17/2024	Beta	1.11E-02	2.46E-03	3.20E-03
619751	9/17/2024 - 9/24/2024	Beta	1.40E-02	2.45E-03	2.83E-03
620143	9/24/2024 - 10/1/2024	Beta	2.75E-02	3.56E-03	3.68E-03
620335	7/2/2024 - 10/1/2024	Cs-134	<2.01E-03	0.00E+00	2.01E-03
		Cs-137	<1.18E-03	0.00E+00	1.18E-03
		Be-7	1.10E-01	3.06E-02	2.52E-02
		K-40	<3.32E-02	0.00E+00	3.32E-02
620327	10/1/2024 - 10/8/2024	Beta	2.52E-02	3.28E-03	3.23E-03
620648	10/8/2024 - 10/15/2024	Beta	2.29E-02	2.88E-03	2.88E-03
621212	10/15/2024 - 10/22/2024	Beta	1.76E-02	2.66E-03	2.89E-03
621615	10/22/2024 - 10/29/2024	Beta	3.21E-02	3.21E-03	2.79E-03
621964	10/29/2024 - 11/5/2024	Beta	1.64E-02	2.64E-03	3.00E-03
622232	11/5/2024 - 11/12/2024	Beta	1.29E-02	2.69E-03	3.28E-03
622589	11/12/2024 - 11/19/2024	Beta	2.00E-02	2.75E-03	2.86E-03
622878	11/19/2024 - 11/26/2024	Beta	2.15E-02	2.84E-03	2.93E-03
623201	11/26/2024 - 12/3/2024	Beta	2.28E-02	3.15E-03	3.20E-03

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
624034	12/3/2024 - 12/10/2024	Beta	3.00E-02	3.59E-03	3.40E-03
624560	12/10/2024 - 12/17/2024	Beta	1.81E-02	3.07E-03	3.49E-03
624776	12/17/2024 - 12/24/2024	Beta	1.44E-02	2.85E-03	3.52E-03
624990	12/24/2024 - 12/31/2024	Beta	1.79E-02	2.87E-03	3.06E-03
625199	10/1/2024 - 12/31/2024	Cs-134	<1.63E-03	0.00E+00	1.63E-03
		Cs-137	<1.02E-03	0.00E+00	1.02E-03
		Be-7	9.02E-02	3.22E-02	3.49E-02
		K-40	3.92E-02	1.76E-02	1.50E-02

Sample Point 202 [INDICATOR - S @ 0.86 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602911	1/2/2024 - 1/9/2024	Beta	1.75E-02	2.97E-03	3.40E-03
603821	1/9/2024 - 1/16/2024	Beta	2.12E-02	2.84E-03	3.03E-03
603944	1/16/2024 - 1/23/2024	Beta	2.21E-02	2.86E-03	2.92E-03
604190	1/23/2024 - 1/30/2024	Beta	4.42E-03	2.23E-03	3.40E-03
604505	1/30/2024 - 2/6/2024	Beta	1.44E-02	2.71E-03	3.17E-03
604777	2/6/2024 - 2/13/2024	Beta	7.82E-03	2.12E-03	2.83E-03
605113	2/13/2024 - 2/20/2024	Beta	2.24E-02	3.26E-03	3.48E-03
606237	2/20/2024 - 2/27/2024	Beta	1.90E-02	3.09E-03	3.51E-03
607119	2/27/2024 - 3/5/2024	Beta	1.55E-02	2.81E-03	3.26E-03
607643	3/5/2024 - 3/12/2024	Beta	1.00E-02	2.55E-03	3.35E-03
608889	3/12/2024 - 3/19/2024	Beta	2.01E-02	3.09E-03	3.33E-03
609302	3/19/2024 - 3/26/2024	Beta	1.44E-02	2.62E-03	3.19E-03
609492	3/26/2024 - 4/2/2024	Beta	1.93E-02	3.14E-03	3.61E-03
609915	1/2/2024 - 4/2/2024	Cs-134	<1.79E-03	0.00E+00	1.79E-03
		Cs-137	<1.58E-03	0.00E+00	1.58E-03
		Be-7	1.14E-01	3.46E-02	3.67E-02
		K-40	3.65E-02	1.88E-02	2.11E-02
609907	4/2/2024 - 4/9/2024	Beta	1.20E-02	2.35E-03	2.86E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 202 [INDICATOR - S @ 0.86 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
610460	4/9/2024 - 4/16/2024	Beta	1.61E-02	2.91E-03	3.40E-03
611000	4/16/2024 - 4/23/2024	Beta	1.73E-02	3.00E-03	3.47E-03
611171	4/23/2024 - 4/30/2024	Beta	2.07E-02	2.78E-03	2.88E-03
611501	4/30/2024 - 5/7/2024	Beta	1.49E-02	2.86E-03	3.45E-03
611756	5/7/2024 - 5/14/2024	Beta	1.57E-02	2.87E-03	3.42E-03
612266	5/14/2024 - 5/21/2024	Beta	1.16E-02	2.53E-03	3.29E-03
612535	5/21/2024 - 5/28/2024	Beta	1.22E-02	2.84E-03	3.73E-03
612699	5/28/2024 - 6/4/2024	Beta	2.40E-02	2.85E-03	2.65E-03
613540	6/4/2024 - 6/11/2024	Beta	2.09E-02	3.04E-03	3.12E-03
614060	6/11/2024 - 6/18/2024	Beta	2.01E-02	3.22E-03	3.72E-03
614297	6/18/2024 - 6/25/2024	Beta	1.34E-02	2.68E-03	3.19E-03
614460	6/25/2024 - 7/2/2024	Beta	1.25E-02	2.31E-03	2.68E-03
614673	4/2/2024 - 7/2/2024	Cs-134	<3.71E-04	0.00E+00	3.71E-04
		Cs-137	<1.21E-03	0.00E+00	1.21E-03
		Be-7	1.28E-01	3.37E-02	3.00E-02
		K-40	<3.07E-02	0.00E+00	3.07E-02
614665	7/2/2024 - 7/9/2024	Beta	1.89E-02	3.04E-03	3.38E-03
615073	7/9/2024 - 7/16/2024	Beta	1.23E-02	2.74E-03	3.52E-03
615886	7/16/2024 - 7/23/2024	Beta	1.27E-02	2.76E-03	3.49E-03
616341	7/23/2024 - 7/30/2024	Beta	1.01E-02	2.33E-03	3.05E-03
616617	7/30/2024 - 8/6/2024	Beta	1.23E-02	2.64E-03	3.24E-03
617015	8/6/2024 - 8/13/2024	Beta	2.21E-02	3.08E-03	3.06E-03
617501	8/13/2024 - 8/20/2024	Beta	2.54E-02	2.97E-03	2.92E-03
617986	8/20/2024 - 8/27/2024	Beta	1.13E-02	2.83E-03	3.80E-03
618175	8/27/2024 - 9/3/2024	Beta	1.10E-02	2.50E-03	3.10E-03

Sample Point 202 [INDICATOR - S @ 0.86 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
618404	9/3/2024 - 9/10/2024	Beta	1.42E-02	2.34E-03	2.55E-03
619479	9/10/2024 - 9/17/2024	Beta	1.64E-02	2.74E-03	3.25E-03
619752	9/17/2024 - 9/24/2024	Beta	1.75E-02	2.62E-03	2.84E-03
620144	9/24/2024 - 10/1/2024	Beta	3.06E-02	3.66E-03	3.64E-03
620336	7/2/2024 - 10/1/2024	Cs-134	<1.65E-03	0.00E+00	1.65E-03
		Cs-137	<1.96E-03	0.00E+00	1.96E-03
		Be-7	1.09E-01	3.47E-02	3.80E-02
		K-40	<3.52E-02	0.00E+00	3.52E-02
620328	10/1/2024 - 10/8/2024	Beta	2.31E-02	3.19E-03	3.23E-03
620649	10/8/2024 - 10/15/2024	Beta	2.66E-02	3.06E-03	2.91E-03
621213	10/15/2024 - 10/22/2024	Beta	1.81E-02	2.68E-03	2.89E-03
621616	10/22/2024 - 10/29/2024	Beta	3.44E-02	3.29E-03	2.79E-03
621965	10/29/2024 - 11/5/2024	Beta	1.83E-02	2.73E-03	3.00E-03
622233	11/5/2024 - 11/12/2024	Beta	1.26E-02	2.68E-03	3.28E-03
622590	11/12/2024 - 11/19/2024	Beta	1.88E-02	2.67E-03	2.82E-03
622879	11/19/2024 - 11/26/2024	Beta	1.93E-02	2.76E-03	2.96E-03
623202	11/26/2024 - 12/3/2024	Beta	2.38E-02	3.18E-03	3.18E-03
624035	12/3/2024 - 12/10/2024	Beta	2.83E-02	3.53E-03	3.44E-03
624561	12/10/2024 - 12/17/2024	Beta	1.96E-02	3.13E-03	3.47E-03
624777	12/17/2024 - 12/24/2024	Beta	1.21E-02	2.73E-03	3.52E-03
624991	12/24/2024 - 12/31/2024	Beta	1.55E-02	2.73E-03	3.04E-03
625200	10/1/2024 - 12/31/2024	Cs-134	<1.50E-03	0.00E+00	1.50E-03
		Cs-137	<1.21E-03	0.00E+00	1.21E-03
		Be-7	1.20E-01	3.50E-02	3.06E-02
		K-40	<3.61E-02	0.00E+00	3.61E-02

Sample Point 203 [INDICATOR - SSW @ 1.92 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602912	1/2/2024 - 1/9/2024	Beta	1.94E-02	3.06E-03	3.40E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
603822	1/9/2024 - 1/16/2024	Beta	2.09E-02	2.83E-03	3.03E-03
603945	1/16/2024 - 1/23/2024	Beta	2.29E-02	2.90E-03	2.92E-03
604191	1/23/2024 - 1/30/2024	Beta	3.92E-03	2.20E-03	3.40E-03
604506	1/30/2024 - 2/6/2024	Beta	1.58E-02	2.79E-03	3.17E-03
604778	2/6/2024 - 2/13/2024	Beta	7.91E-03	2.12E-03	2.83E-03
605114	2/13/2024 - 2/20/2024	Beta	2.02E-02	3.15E-03	3.48E-03
606238	2/20/2024 - 2/27/2024	Beta	2.04E-02	3.16E-03	3.51E-03
607120	2/27/2024 - 3/5/2024	Beta	1.31E-02	2.69E-03	3.26E-03
607644	3/5/2024 - 3/12/2024	Beta	1.08E-02	2.59E-03	3.36E-03
608890	3/12/2024 - 3/19/2024	Beta	1.87E-02	3.01E-03	3.32E-03
609303	3/19/2024 - 3/26/2024	Beta	1.63E-02	2.70E-03	3.19E-03
609493	3/26/2024 - 4/2/2024	Beta	2.09E-02	3.22E-03	3.61E-03
609916	1/2/2024 - 4/2/2024	Cs-134	<1.76E-03	0.00E+00	1.76E-03
		Cs-137	<1.31E-03	0.00E+00	1.31E-03
		Be-7	1.16E-01	3.09E-02	2.40E-02
		K-40	<2.77E-02	0.00E+00	2.77E-02
609908	4/2/2024 - 4/9/2024	Beta	1.27E-02	2.39E-03	2.87E-03
610461	4/9/2024 - 4/16/2024	Beta	1.63E-02	2.92E-03	3.39E-03
611001	4/16/2024 - 4/23/2024	Beta	1.85E-02	3.06E-03	3.48E-03
611172	4/23/2024 - 4/30/2024	Beta	2.24E-02	2.85E-03	2.87E-03
611502	4/30/2024 - 5/7/2024	Beta	1.62E-02	2.93E-03	3.46E-03
611757	5/7/2024 - 5/14/2024	Beta	1.27E-02	2.73E-03	3.42E-03
612267	5/14/2024 - 5/21/2024	Beta	9.37E-03	2.40E-03	3.28E-03
612536	5/21/2024 - 5/28/2024	Beta	1.10E-02	2.77E-03	3.73E-03
612700	5/28/2024 - 6/4/2024	Beta	2.32E-02	2.82E-03	2.66E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
613541	6/4/2024 - 6/11/2024	Beta	2.01E-02	2.99E-03	3.10E-03
614061	6/11/2024 - 6/18/2024	Beta	1.88E-02	3.17E-03	3.75E-03
614298	6/18/2024 - 6/25/2024	Beta	1.32E-02	2.67E-03	3.19E-03
614461	6/25/2024 - 7/2/2024	Beta	8.61E-03	2.09E-03	2.68E-03
614674	4/2/2024 - 7/2/2024	Cs-134	<1.60E-03	0.00E+00	1.60E-03
		Cs-137	<1.84E-03	0.00E+00	1.84E-03
		Be-7	1.25E-01	3.93E-02	4.40E-02
		K-40	<4.08E-02	0.00E+00	4.08E-02
614666	7/2/2024 - 7/9/2024	Beta	1.69E-02	2.93E-03	3.38E-03
615074	7/9/2024 - 7/16/2024	Beta	2.09E-02	3.18E-03	3.53E-03
615887	7/16/2024 - 7/23/2024	Beta	1.11E-02	2.67E-03	3.48E-03
616342	7/23/2024 - 7/30/2024	Beta	1.16E-02	2.41E-03	3.05E-03
616618	7/30/2024 - 8/6/2024	Beta	1.02E-02	2.52E-03	3.24E-03
617016	8/6/2024 - 8/13/2024	Beta	2.39E-02	3.17E-03	3.06E-03
617502	8/13/2024 - 8/20/2024	Beta	2.31E-02	2.88E-03	2.91E-03
617987	8/20/2024 - 8/27/2024	Beta	1.22E-02	2.88E-03	3.80E-03
618176	8/27/2024 - 9/3/2024	Beta	1.39E-02	2.68E-03	3.11E-03
618405	9/3/2024 - 9/10/2024	Beta	1.64E-02	2.46E-03	2.55E-03
619480	9/10/2024 - 9/17/2024	Beta	1.64E-02	2.84E-03	3.41E-03
619753	9/17/2024 - 9/24/2024	Beta	1.67E-02	2.58E-03	2.84E-03
620145	9/24/2024 - 10/1/2024	Beta	2.75E-02	3.54E-03	3.65E-03
620337	7/2/2024 - 10/1/2024	Cs-134	<2.13E-03	0.00E+00	2.13E-03
		Cs-137	<1.18E-03	0.00E+00	1.18E-03
		Be-7	1.18E-01	3.46E-02	3.59E-02
		K-40	<3.14E-02	0.00E+00	3.14E-02
620329	10/1/2024 - 10/8/2024	Beta	2.61E-02	3.32E-03	3.23E-03
620650	10/8/2024 - 10/15/2024	Beta	2.42E-02	2.96E-03	2.91E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 203 [INDICATOR - SSW @ 1.92 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
621214	10/15/2024 - 10/22/2024	Beta	1.95E-02	2.74E-03	2.89E-03
621617	10/22/2024 - 10/29/2024	Beta	3.34E-02	3.27E-03	2.80E-03
621966	10/29/2024 - 11/5/2024	Beta	1.94E-02	2.77E-03	2.99E-03
622234	11/5/2024 - 11/12/2024	Beta	1.17E-02	2.63E-03	3.28E-03
622591	11/12/2024 - 11/19/2024	Beta	2.00E-02	2.72E-03	2.83E-03
622880	11/19/2024 - 11/26/2024	Beta	2.08E-02	2.82E-03	2.96E-03
623203	11/26/2024 - 12/3/2024	Beta	2.31E-02	3.14E-03	3.17E-03
624036	12/3/2024 - 12/10/2024	Beta	2.87E-02	3.56E-03	3.45E-03
624562	12/10/2024 - 12/17/2024	Beta	1.73E-02	3.01E-03	3.47E-03
624778	12/17/2024 - 12/24/2024	Beta	1.18E-02	2.72E-03	3.53E-03
624992	12/24/2024 - 12/31/2024	Beta	1.75E-02	2.83E-03	3.03E-03
625201	10/1/2024 - 12/31/2024	Cs-134	<2.24E-03	0.00E+00	2.24E-03
		Cs-137	<1.38E-03	0.00E+00	1.38E-03
		Be-7	1.24E-01	3.62E-02	3.18E-02
		K-40	2.57E-02	1.34E-02	4.64E-03

Sample Point 204 [CONTROL - N @ 22.6 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602913	1/2/2024 - 1/9/2024	Beta	1.67E-02	2.93E-03	3.40E-03
603823	1/9/2024 - 1/16/2024	Beta	1.96E-02	2.72E-03	2.95E-03
603946	1/16/2024 - 1/23/2024	Beta	2.12E-02	2.91E-03	3.05E-03
604192	1/23/2024 - 1/30/2024	Beta	6.13E-03	2.32E-03	3.35E-03
604507	1/30/2024 - 2/6/2024	Beta	1.63E-02	2.83E-03	3.19E-03
604779	2/6/2024 - 2/13/2024	Beta	8.49E-03	2.15E-03	2.83E-03
605115	2/13/2024 - 2/20/2024	Beta	2.23E-02	3.26E-03	3.50E-03
606239	2/20/2024 - 2/27/2024	Beta	1.75E-02	3.02E-03	3.50E-03
607121	2/27/2024 - 3/5/2024	Beta	1.66E-02	2.88E-03	3.26E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
607645	3/5/2024 - 3/12/2024	Beta	9.90E-03	2.55E-03	3.38E-03
608891	3/12/2024 - 3/19/2024	Beta	1.80E-02	2.97E-03	3.30E-03
609304	3/19/2024 - 3/26/2024	Beta	1.44E-02	2.61E-03	3.19E-03
609494	3/26/2024 - 4/2/2024	Beta	1.93E-02	3.14E-03	3.62E-03
609917	1/2/2024 - 4/2/2024	Cs-134	<1.50E-03	0.00E+00	1.50E-03
		Cs-137	<1.22E-03	0.00E+00	1.22E-03
		Be-7	1.21E-01	3.52E-02	3.57E-02
		K-40	3.05E-02	1.79E-02	2.17E-02
609909	4/2/2024 - 4/9/2024	Beta	1.20E-02	2.38E-03	2.88E-03
610462	4/9/2024 - 4/16/2024	Beta	1.66E-02	2.91E-03	3.36E-03
611002	4/16/2024 - 4/23/2024	Beta	1.65E-02	2.95E-03	3.46E-03
611173	4/23/2024 - 4/30/2024	Beta	2.04E-02	2.78E-03	2.89E-03
611503	4/30/2024 - 5/7/2024	Beta	1.29E-02	2.76E-03	3.46E-03
611758	5/7/2024 - 5/14/2024	Beta	1.34E-02	2.78E-03	3.46E-03
612268	5/14/2024 - 5/21/2024	Beta	7.34E-03	2.27E-03	3.23E-03
612537	5/21/2024 - 5/28/2024	Beta	1.21E-02	2.83E-03	3.73E-03
612701	5/28/2024 - 6/4/2024	Beta	1.97E-02	2.66E-03	2.67E-03
613542	6/4/2024 - 6/11/2024	Beta	1.92E-02	2.93E-03	3.08E-03
614062	6/11/2024 - 6/18/2024	Beta	2.06E-02	3.27E-03	3.76E-03
614299	6/18/2024 - 6/25/2024	Beta	1.50E-02	2.75E-03	3.17E-03
614462	6/25/2024 - 7/2/2024	Beta	1.12E-02	2.25E-03	2.69E-03
614675	4/2/2024 - 7/2/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.60E-03	0.00E+00	1.60E-03
		Be-7	1.61E-01	4.14E-02	4.03E-02
		K-40	3.67E-02	1.75E-02	1.57E-02
614667	7/2/2024 - 7/9/2024	Beta	1.92E-02	3.05E-03	3.38E-03
615075	7/9/2024 - 7/16/2024	Beta	1.62E-02	2.97E-03	3.54E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
615888	7/16/2024 - 7/23/2024	Beta	1.08E-02	2.64E-03	3.46E-03
616343	7/23/2024 - 7/30/2024	Beta	1.42E-02	2.55E-03	3.05E-03
616619	7/30/2024 - 8/6/2024	Beta	1.44E-02	2.74E-03	3.24E-03
617017	8/6/2024 - 8/13/2024	Beta	2.03E-02	2.99E-03	3.06E-03
617503	8/13/2024 - 8/20/2024	Beta	2.61E-02	3.05E-03	2.99E-03
617988	8/20/2024 - 8/27/2024	Beta	1.48E-02	2.95E-03	3.69E-03
618177	8/27/2024 - 9/3/2024	Beta	1.23E-02	2.59E-03	3.12E-03
618406	9/3/2024 - 9/10/2024	Beta	1.62E-02	2.48E-03	2.61E-03
619481	9/10/2024 - 9/17/2024	Beta	1.71E-02	2.63E-03	3.02E-03
619754	9/17/2024 - 9/24/2024	Beta	1.75E-02	2.73E-03	3.00E-03
620146	9/24/2024 - 10/1/2024	Beta	2.68E-02	3.54E-03	3.68E-03
620338	7/2/2024 - 10/1/2024	Cs-134	<1.50E-03	0.00E+00	1.50E-03
		Cs-137	<1.22E-03	0.00E+00	1.22E-03
		Be-7	1.20E-01	3.49E-02	3.51E-02
		K-40	2.76E-02	1.40E-02	4.67E-03
620330	10/1/2024 - 10/8/2024	Beta	2.53E-02	3.25E-03	3.18E-03
620651	10/8/2024 - 10/15/2024	Beta	2.48E-02	2.99E-03	2.93E-03
621215	10/15/2024 - 10/22/2024	Beta	1.78E-02	2.65E-03	2.86E-03
621618	10/22/2024 - 10/29/2024	Beta	3.53E-02	3.32E-03	2.78E-03
621967	10/29/2024 - 11/5/2024	Beta	1.95E-02	2.72E-03	2.90E-03
622235	11/5/2024 - 11/12/2024	Beta	1.28E-02	2.79E-03	3.44E-03
622592	11/12/2024 - 11/19/2024	Beta	1.85E-02	2.68E-03	2.86E-03
622881	11/19/2024 - 11/26/2024	Beta	2.25E-02	2.87E-03	2.91E-03
623204	11/26/2024 - 12/3/2024	Beta	2.31E-02	3.15E-03	3.18E-03
624037	12/3/2024 - 12/10/2024	Beta	2.92E-02	3.59E-03	3.45E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 204 [CONTROL - N @ 22.6 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
624563	12/10/2024 - 12/17/2024	Beta	2.05E-02	3.16E-03	3.46E-03
624779	12/17/2024 - 12/24/2024	Beta	1.12E-02	2.66E-03	3.48E-03
624993	12/24/2024 - 12/31/2024	Beta	2.14E-02	3.09E-03	3.13E-03
625202	10/1/2024 - 12/31/2024	Cs-134	<2.36E-03	0.00E+00	2.36E-03
		Cs-137	<1.55E-03	0.00E+00	1.55E-03
		Be-7	1.03E-01	3.28E-02	3.11E-02
		K-40	<3.32E-02	0.00E+00	3.32E-02

Sample Point 205 [INDICATOR - SSE @ 0.55 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602914	1/2/2024 - 1/9/2024	Beta	1.89E-02	3.04E-03	3.40E-03
603824	1/9/2024 - 1/16/2024	Beta	2.16E-02	2.86E-03	3.03E-03
603947	1/16/2024 - 1/23/2024	Beta	2.17E-02	2.85E-03	2.93E-03
604193	1/23/2024 - 1/30/2024	Beta	5.84E-03	2.33E-03	3.40E-03
604508	1/30/2024 - 2/6/2024	Beta	1.56E-02	2.78E-03	3.17E-03
604780	2/6/2024 - 2/13/2024	Beta	6.53E-03	2.03E-03	2.83E-03
605116	2/13/2024 - 2/20/2024	Beta	1.94E-02	3.13E-03	3.48E-03
606240	2/20/2024 - 2/27/2024	Beta	1.94E-02	3.11E-03	3.51E-03
607122	2/27/2024 - 3/5/2024	Beta	1.45E-02	2.76E-03	3.25E-03
607646	3/5/2024 - 3/12/2024	Beta	7.09E-03	2.39E-03	3.38E-03
608892	3/12/2024 - 3/19/2024	Beta	2.10E-02	3.11E-03	3.31E-03
609305	3/19/2024 - 3/26/2024	Beta	1.38E-02	2.59E-03	3.19E-03
609495	3/26/2024 - 4/2/2024	Beta	2.03E-02	3.18E-03	3.61E-03
609918	1/2/2024 - 4/2/2024	Cs-134	<2.18E-03	0.00E+00	2.18E-03
		Cs-137	<1.59E-03	0.00E+00	1.59E-03
		Be-7	1.36E-01	3.66E-02	3.53E-02
		K-40	<3.70E-02	0.00E+00	3.70E-02
609910	4/2/2024 - 4/9/2024	Beta	1.10E-02	2.29E-03	2.85E-03
610463	4/9/2024 - 4/16/2024	Beta	1.65E-02	2.93E-03	3.41E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
611003	4/16/2024 - 4/23/2024	Beta	1.77E-02	3.00E-03	3.47E-03
611174	4/23/2024 - 4/30/2024	Beta	1.87E-02	2.70E-03	2.88E-03
611504	4/30/2024 - 5/7/2024	Beta	1.35E-02	2.78E-03	3.44E-03
611759	5/7/2024 - 5/14/2024	Beta	1.56E-02	2.87E-03	3.42E-03
612269	5/14/2024 - 5/21/2024	Beta	7.85E-03	2.33E-03	3.30E-03
612538	5/21/2024 - 5/28/2024	Beta	1.06E-02	2.75E-03	3.73E-03
612702	5/28/2024 - 6/4/2024	Beta	2.31E-02	2.81E-03	2.65E-03
613543	6/4/2024 - 6/11/2024	Beta	1.83E-02	2.92E-03	3.14E-03
614063	6/11/2024 - 6/18/2024	Beta	2.10E-02	3.28E-03	3.75E-03
614300	6/18/2024 - 6/25/2024	Beta	1.16E-02	2.55E-03	3.16E-03
614463	6/25/2024 - 7/2/2024	Beta	1.37E-02	2.38E-03	2.69E-03
614676	4/2/2024 - 7/2/2024	Cs-134	<1.75E-03	0.00E+00	1.75E-03
		Cs-137	<1.55E-03	0.00E+00	1.55E-03
		Be-7	1.46E-01	3.66E-02	3.27E-02
		K-40	<3.22E-02	0.00E+00	3.22E-02
614668	7/2/2024 - 7/9/2024	Beta	2.06E-02	3.12E-03	3.38E-03
615076	7/9/2024 - 7/16/2024	Beta	1.30E-02	2.77E-03	3.50E-03
615889	7/16/2024 - 7/23/2024	Beta	1.07E-02	2.67E-03	3.50E-03
616344	7/23/2024 - 7/30/2024	Beta	1.33E-02	2.51E-03	3.05E-03
616620	7/30/2024 - 8/6/2024	Beta	1.21E-02	2.62E-03	3.24E-03
617018	8/6/2024 - 8/13/2024	Beta	2.30E-02	3.12E-03	3.06E-03
617504	8/13/2024 - 8/20/2024	Beta	2.37E-02	2.92E-03	2.93E-03
617989	8/20/2024 - 8/27/2024	Beta	1.12E-02	2.81E-03	3.77E-03
618178	8/27/2024 - 9/3/2024	Beta	1.02E-02	2.44E-03	3.09E-03
618407	9/3/2024 - 9/10/2024	Beta	1.37E-02	2.34E-03	2.60E-03

Sample Point 205 [INDICATOR - SSE @ 0.55 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
619482	9/10/2024 - 9/17/2024	Beta	1.64E-02	2.72E-03	3.20E-03
619755	9/17/2024 - 9/24/2024	Beta	1.66E-02	2.58E-03	2.84E-03
620147	9/24/2024 - 10/1/2024	Beta	2.57E-02	3.49E-03	3.69E-03
620339	7/2/2024 - 10/1/2024	Cs-134	<1.28E-03	0.00E+00	1.28E-03
		Cs-137	<1.79E-03	0.00E+00	1.79E-03
		Be-7	1.26E-01	3.46E-02	3.27E-02
		K-40	<4.07E-02	0.00E+00	4.07E-02
620331	10/1/2024 - 10/8/2024	Beta	2.63E-02	3.31E-03	3.21E-03
620652	10/8/2024 - 10/15/2024	Beta	2.41E-02	2.99E-03	2.96E-03
621216	10/15/2024 - 10/22/2024	Beta	1.73E-02	2.64E-03	2.89E-03
621619	10/22/2024 - 10/29/2024	Beta	3.28E-02	3.24E-03	2.78E-03
621968	10/29/2024 - 11/5/2024	Beta	1.92E-02	2.78E-03	3.01E-03
622236	11/5/2024 - 11/12/2024	Beta	1.24E-02	2.67E-03	3.28E-03
622593	11/12/2024 - 11/19/2024	Beta	1.98E-02	2.71E-03	2.82E-03
622882	11/19/2024 - 11/26/2024	Beta	2.28E-02	2.92E-03	2.97E-03
623205	11/26/2024 - 12/3/2024	Beta	2.54E-02	3.26E-03	3.19E-03
624038	12/3/2024 - 12/10/2024	Beta	2.76E-02	3.49E-03	3.42E-03
624564	12/10/2024 - 12/17/2024	Beta	1.66E-02	2.98E-03	3.47E-03
624780	12/17/2024 - 12/24/2024	Beta	1.21E-02	2.72E-03	3.51E-03
624994	12/24/2024 - 12/31/2024	Beta	1.93E-02	2.93E-03	3.04E-03
625203	10/1/2024 - 12/31/2024	Cs-134	<3.77E-04	0.00E+00	3.77E-04
		Cs-137	<1.59E-03	0.00E+00	1.59E-03
		Be-7	1.27E-01	3.99E-02	4.24E-02
		K-40	<2.84E-02	0.00E+00	2.84E-02

Sample Point 206 [CONTROL - NW @ 11.3 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602915	1/2/2024 - 1/9/2024	Beta	2.30E-02	3.24E-03	3.40E-03
603825	1/9/2024 - 1/16/2024	Beta	2.21E-02	2.82E-03	2.94E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
603948	1/16/2024 - 1/23/2024	Beta	2.38E-02	3.03E-03	3.06E-03
604194	1/23/2024 - 1/30/2024	Beta	6.22E-03	2.32E-03	3.35E-03
604509	1/30/2024 - 2/6/2024	Beta	1.59E-02	2.81E-03	3.19E-03
604781	2/6/2024 - 2/13/2024	Beta	1.02E-02	2.24E-03	2.81E-03
605117	2/13/2024 - 2/20/2024	Beta	1.69E-02	3.02E-03	3.52E-03
606241	2/20/2024 - 2/27/2024	Beta	1.95E-02	3.11E-03	3.50E-03
607123	2/27/2024 - 3/5/2024	Beta	1.49E-02	2.79E-03	3.26E-03
607647	3/5/2024 - 3/12/2024	Beta	7.79E-03	2.43E-03	3.38E-03
608893	3/12/2024 - 3/19/2024	Beta	1.90E-02	2.95E-03	3.21E-03
609306	3/19/2024 - 3/26/2024	Beta	1.42E-02	2.67E-03	3.28E-03
609496	3/26/2024 - 4/2/2024	Beta	1.94E-02	3.15E-03	3.61E-03
609919	1/2/2024 - 4/2/2024	Cs-134	<2.54E-03	0.00E+00	2.54E-03
		Cs-137	<1.56E-03	0.00E+00	1.56E-03
		Be-7	9.94E-02	3.37E-02	3.73E-02
		K-40	<3.66E-02	0.00E+00	3.66E-02
609911	4/2/2024 - 4/9/2024	Beta	1.30E-02	2.42E-03	2.88E-03
610464	4/9/2024 - 4/16/2024	Beta	1.64E-02	2.90E-03	3.36E-03
611004	4/16/2024 - 4/23/2024	Beta	1.75E-02	2.98E-03	3.44E-03
611175	4/23/2024 - 4/30/2024	Beta	1.73E-02	2.65E-03	2.91E-03
611505	4/30/2024 - 5/7/2024	Beta	1.35E-02	2.79E-03	3.47E-03
611760	5/7/2024 - 5/14/2024	Beta	1.54E-02	2.89E-03	3.46E-03
612270	5/14/2024 - 5/21/2024	Beta	1.09E-02	2.45E-03	3.24E-03
612539	5/21/2024 - 5/28/2024	Beta	1.19E-02	2.82E-03	3.73E-03
612703	5/28/2024 - 6/4/2024	Beta	2.04E-02	2.71E-03	2.67E-03
613544	6/4/2024 - 6/11/2024	Beta	1.90E-02	2.94E-03	3.12E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614064	6/11/2024 - 6/18/2024	Beta	2.05E-02	3.24E-03	3.72E-03
614301	6/18/2024 - 6/25/2024	Beta	1.29E-02	2.63E-03	3.17E-03
614464	6/25/2024 - 7/2/2024	Beta	1.24E-02	2.31E-03	2.69E-03
614677	4/2/2024 - 7/2/2024	Cs-134	<1.48E-03	0.00E+00	1.48E-03
		Cs-137	<1.48E-03	0.00E+00	1.48E-03
		Be-7	1.53E-01	3.74E-02	3.29E-02
		K-40	<3.41E-02	0.00E+00	3.41E-02
614669	7/2/2024 - 7/9/2024	Beta	1.74E-02	2.95E-03	3.38E-03
615077	7/9/2024 - 7/16/2024	Beta	1.63E-02	2.97E-03	3.54E-03
615890	7/16/2024 - 7/23/2024	Beta	1.12E-02	2.67E-03	3.46E-03
616345	7/23/2024 - 7/30/2024	Beta	1.16E-02	2.42E-03	3.06E-03
616621	7/30/2024 - 8/6/2024	Beta	1.15E-02	2.59E-03	3.24E-03
617019	8/6/2024 - 8/13/2024	Beta	2.40E-02	3.17E-03	3.06E-03
617505	8/13/2024 - 8/20/2024	Beta	2.84E-02	3.05E-03	2.86E-03
617990	8/20/2024 - 8/27/2024	Beta	1.45E-02	3.06E-03	3.89E-03
618179	8/27/2024 - 9/3/2024	Beta	1.31E-02	2.63E-03	3.11E-03
618408	9/3/2024 - 9/10/2024	Beta	1.44E-02	2.39E-03	2.61E-03
619483	9/10/2024 - 9/17/2024	Beta	1.51E-02	2.56E-03	3.04E-03
619756	9/17/2024 - 9/24/2024	Beta	1.44E-02	2.55E-03	2.98E-03
620148	9/24/2024 - 10/1/2024	Beta	2.66E-02	3.52E-03	3.68E-03
620340	7/2/2024 - 10/1/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.49E-03	0.00E+00	1.49E-03
		Be-7	8.29E-02	3.23E-02	3.94E-02
		K-40	2.73E-02	1.38E-02	4.63E-03
620332	10/1/2024 - 10/8/2024	Beta	2.50E-02	3.27E-03	3.24E-03
620653	10/8/2024 - 10/15/2024	Beta	2.33E-02	2.88E-03	2.86E-03
621217	10/15/2024 - 10/22/2024	Beta	1.59E-02	2.56E-03	2.88E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 206 [CONTROL - NW @ 11.3 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
621620	10/22/2024 - 10/29/2024	Beta	3.13E-02	3.17E-03	2.77E-03
621969	10/29/2024 - 11/5/2024	Beta	1.87E-02	2.78E-03	3.03E-03
622237	11/5/2024 - 11/12/2024	Beta	1.08E-02	2.58E-03	3.28E-03
622594	11/12/2024 - 11/19/2024	Beta	1.74E-02	2.62E-03	2.85E-03
622883	11/19/2024 - 11/26/2024	Beta	2.28E-02	2.89E-03	2.92E-03
623206	11/26/2024 - 12/3/2024	Beta	2.52E-02	3.26E-03	3.21E-03
624039	12/3/2024 - 12/10/2024	Beta	2.46E-02	3.35E-03	3.42E-03
624565	12/10/2024 - 12/17/2024	Beta	1.53E-02	2.90E-03	3.46E-03
624781	12/17/2024 - 12/24/2024	Beta	1.24E-02	2.73E-03	3.50E-03
624995	12/24/2024 - 12/31/2024	Beta	1.95E-02	2.97E-03	3.09E-03
625204	10/1/2024 - 12/31/2024	Cs-134	<1.63E-03	0.00E+00	1.63E-03
		Cs-137	<1.44E-03	0.00E+00	1.44E-03
		Be-7	1.01E-01	3.21E-02	2.96E-02
		K-40	1.45E-02	1.33E-02	1.91E-02

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602916	1/2/2024 - 1/9/2024	Beta	2.01E-02	3.10E-03	3.40E-03
603826	1/9/2024 - 1/16/2024	Beta	1.83E-02	2.73E-03	3.06E-03
603949	1/16/2024 - 1/23/2024	Beta	2.28E-02	2.89E-03	2.91E-03
604195	1/23/2024 - 1/30/2024	Beta	4.62E-03	2.23E-03	3.37E-03
604510	1/30/2024 - 2/6/2024	Beta	1.38E-02	2.68E-03	3.18E-03
604782	2/6/2024 - 2/13/2024	Beta	7.51E-03	2.09E-03	2.83E-03
605118	2/13/2024 - 2/20/2024	Beta	2.05E-02	3.18E-03	3.50E-03
606242	2/20/2024 - 2/27/2024	Beta	1.90E-02	3.07E-03	3.48E-03
607124	2/27/2024 - 3/5/2024	Beta	1.33E-02	2.70E-03	3.26E-03
607648	3/5/2024 - 3/12/2024	Beta	8.04E-03	2.44E-03	3.38E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
608894	3/12/2024 - 3/19/2024	Beta	2.06E-02	3.09E-03	3.29E-03
609307	3/19/2024 - 3/26/2024	Beta	1.58E-02	2.69E-03	3.20E-03
609497	3/26/2024 - 4/2/2024	Beta	1.86E-02	3.11E-03	3.62E-03
609920	1/2/2024 - 4/2/2024	Cs-134	<1.81E-03	0.00E+00	1.81E-03
		Cs-137	<1.35E-03	0.00E+00	1.35E-03
		Be-7	1.10E-01	3.14E-02	2.76E-02
		K-40	<3.65E-02	0.00E+00	3.65E-02
609912	4/2/2024 - 4/9/2024	Beta	1.07E-02	2.30E-03	2.89E-03
610465	4/9/2024 - 4/16/2024	Beta	1.68E-02	2.92E-03	3.36E-03
611005	4/16/2024 - 4/23/2024	Beta	1.75E-02	3.02E-03	3.50E-03
611176	4/23/2024 - 4/30/2024	Beta	1.85E-02	2.66E-03	2.85E-03
611506	4/30/2024 - 5/7/2024	Beta	1.37E-02	2.81E-03	3.48E-03
611761	5/7/2024 - 5/14/2024	Beta	1.23E-02	2.71E-03	3.44E-03
612271	5/14/2024 - 5/21/2024	Beta	8.72E-03	2.35E-03	3.24E-03
612540	5/21/2024 - 5/28/2024	Beta	1.24E-02	2.85E-03	3.74E-03
612704	5/28/2024 - 6/4/2024	Beta	2.37E-02	2.86E-03	2.68E-03
613545	6/4/2024 - 6/11/2024	Beta	2.03E-02	2.97E-03	3.07E-03
614065	6/11/2024 - 6/18/2024	Beta	1.80E-02	3.17E-03	3.80E-03
614302	6/18/2024 - 6/25/2024	Beta	1.35E-02	2.66E-03	3.15E-03
614465	6/25/2024 - 7/2/2024	Beta	1.03E-02	2.19E-03	2.68E-03
614678	4/2/2024 - 7/2/2024	Cs-134	<1.88E-03	0.00E+00	1.88E-03
		Cs-137	<1.18E-03	0.00E+00	1.18E-03
		Be-7	1.25E-01	3.43E-02	3.30E-02
		K-40	<3.52E-02	0.00E+00	3.52E-02
614670	7/2/2024 - 7/9/2024	Beta	1.66E-02	2.93E-03	3.39E-03
615078	7/9/2024 - 7/16/2024	Beta	1.43E-02	2.85E-03	3.52E-03
615891	7/16/2024 - 7/23/2024	Beta	1.07E-02	2.66E-03	3.49E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
616346	7/23/2024 - 7/30/2024	Beta	1.26E-02	2.46E-03	3.05E-03
616622	7/30/2024 - 8/6/2024	Beta	1.18E-02	2.61E-03	3.25E-03
617020	8/6/2024 - 8/13/2024	Beta	2.21E-02	3.08E-03	3.06E-03
617506	8/13/2024 - 8/20/2024	Beta	2.18E-02	2.87E-03	2.98E-03
617991	8/20/2024 - 8/27/2024	Beta	1.11E-02	2.77E-03	3.71E-03
618180	8/27/2024 - 9/3/2024	Beta	1.12E-02	2.51E-03	3.10E-03
618409	9/3/2024 - 9/10/2024	Beta	1.54E-02	2.42E-03	2.59E-03
619484	9/10/2024 - 9/17/2024	Beta	1.12E-02	2.46E-03	3.20E-03
619757	9/17/2024 - 9/24/2024	Beta	1.38E-02	2.44E-03	2.83E-03
620149	9/24/2024 - 10/1/2024	Beta	2.53E-02	3.49E-03	3.72E-03
620341	7/2/2024 - 10/1/2024	Cs-134	<1.51E-03	0.00E+00	1.51E-03
		Cs-137	<1.06E-03	0.00E+00	1.06E-03
		Be-7	1.05E-01	3.11E-02	2.82E-02
		K-40	2.40E-02	1.60E-02	2.02E-02
620333	10/1/2024 - 10/8/2024	Beta	2.11E-02	3.07E-03	3.20E-03
620654	10/8/2024 - 10/15/2024	Beta	2.34E-02	2.90E-03	2.88E-03
621218	10/15/2024 - 10/22/2024	Beta	1.65E-02	2.60E-03	2.89E-03
621621	10/22/2024 - 10/29/2024	Beta	3.32E-02	3.24E-03	2.79E-03
621970	10/29/2024 - 11/5/2024	Beta	1.79E-02	2.71E-03	3.00E-03
622238	11/5/2024 - 11/12/2024	Beta	1.25E-02	2.68E-03	3.28E-03
622595	11/12/2024 - 11/19/2024	Beta	1.85E-02	2.67E-03	2.85E-03
622884	11/19/2024 - 11/26/2024	Beta	1.99E-02	2.77E-03	2.94E-03
623207	11/26/2024 - 12/3/2024	Beta	2.26E-02	3.14E-03	3.20E-03
624040	12/3/2024 - 12/10/2024	Beta	2.50E-02	3.37E-03	3.41E-03
624566	12/10/2024 - 12/17/2024	Beta	1.70E-02	3.00E-03	3.48E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
624782	12/17/2024 - 12/24/2024	Beta	1.13E-02	2.68E-03	3.52E-03
624996	12/24/2024 - 12/31/2024	Beta	1.91E-02	2.93E-03	3.05E-03
625205	10/1/2024 - 12/31/2024	Cs-134	<1.49E-03	0.00E+00	1.49E-03
		Cs-137	<1.79E-03	0.00E+00	1.79E-03
		Be-7	9.39E-02	3.36E-02	3.70E-02
		K-40	<3.89E-02	0.00E+00	3.89E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - WSW @ 0.91 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602925	1/2/2024 - 1/9/2024	I-131	<4.43E-02	0.00E+00	4.43E-02
		Cs-134	<2.60E-02	0.00E+00	2.60E-02
		Cs-137	<2.78E-02	0.00E+00	2.78E-02
		Be-7	<2.67E-01	0.00E+00	2.67E-01
		K-40	7.73E-01	3.30E-01	2.94E-01
603827	1/9/2024 - 1/16/2024	I-131	<4.19E-02	0.00E+00	4.19E-02
		Cs-134	<2.79E-02	0.00E+00	2.79E-02
		Cs-137	<2.38E-02	0.00E+00	2.38E-02
		Be-7	<2.43E-01	0.00E+00	2.43E-01
		K-40	<7.13E-01	0.00E+00	7.13E-01
603950	1/16/2024 - 1/23/2024	I-131	<4.84E-02	0.00E+00	4.84E-02
		Cs-134	<2.86E-02	0.00E+00	2.86E-02
		Cs-137	<2.24E-02	0.00E+00	2.24E-02
		Be-7	<2.24E-01	0.00E+00	2.24E-01
		K-40	5.53E-01	3.16E-01	3.83E-01
604196	1/23/2024 - 1/30/2024	I-131	<4.98E-02	0.00E+00	4.98E-02
		Cs-134	<3.11E-02	0.00E+00	3.11E-02
		Cs-137	<3.14E-02	0.00E+00	3.14E-02
		Be-7	<2.27E-01	0.00E+00	2.27E-01
		K-40	<7.11E-01	0.00E+00	7.11E-01
604511	1/30/2024 - 2/6/2024	I-131	<4.06E-02	0.00E+00	4.06E-02
		Cs-134	<2.82E-02	0.00E+00	2.82E-02
		Cs-137	<2.41E-02	0.00E+00	2.41E-02
		Be-7	<2.65E-01	0.00E+00	2.65E-01
		K-40	5.78E-01	2.85E-01	2.69E-01
604783	2/6/2024 - 2/13/2024	I-131	<4.07E-02	0.00E+00	4.07E-02
		Cs-134	<3.26E-02	0.00E+00	3.26E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<2.63E-01	0.00E+00	2.63E-01
		K-40	6.72E-01	3.15E-01	3.09E-01
605119	2/13/2024 - 2/20/2024	I-131	<4.63E-02	0.00E+00	4.63E-02
		Cs-134	<2.59E-02	0.00E+00	2.59E-02
		Cs-137	<2.77E-02	0.00E+00	2.77E-02
		Be-7	<2.22E-01	0.00E+00	2.22E-01
		K-40	6.48E-01	3.36E-01	3.92E-01
606243	2/20/2024 - 2/27/2024	I-131	<4.93E-02	0.00E+00	4.93E-02
		Cs-134	<2.61E-02	0.00E+00	2.61E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - WSW @ 0.91 miles]

Sample ID: 606243 **Sample Dates: 2/20/2024 - 2/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.48E-01	0.00E+00	2.48E-01
K-40	4.81E-01	3.08E-01	4.00E-01

Sample ID: 607125 **Sample Dates: 2/27/2024 - 3/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.11E-02	0.00E+00	4.11E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	<2.54E-01	0.00E+00	2.54E-01
K-40	<6.88E-01	0.00E+00	6.88E-01

Sample ID: 607649 **Sample Dates: 3/5/2024 - 3/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.44E-02	0.00E+00	4.44E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<2.41E-02	0.00E+00	2.41E-02
Be-7	<2.82E-01	0.00E+00	2.82E-01
K-40	<6.95E-01	0.00E+00	6.95E-01

Sample ID: 608895 **Sample Dates: 3/12/2024 - 3/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.20E-02	0.00E+00	4.20E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<2.24E-02	0.00E+00	2.24E-02
Be-7	<2.07E-01	0.00E+00	2.07E-01
K-40	8.93E-01	3.53E-01	2.96E-01

Sample ID: 609308 **Sample Dates: 3/19/2024 - 3/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.68E-02	0.00E+00	3.68E-02
Cs-134	<3.61E-02	0.00E+00	3.61E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.21E-01	0.00E+00	2.21E-01
K-40	6.55E-01	2.78E-01	7.72E-02

Sample ID: 609498 **Sample Dates: 3/26/2024 - 4/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.00E-02	0.00E+00	2.00E-02
Cs-134	<2.24E-02	0.00E+00	2.24E-02
Cs-137	<1.93E-02	0.00E+00	1.93E-02
Be-7	<1.80E-01	0.00E+00	1.80E-01
K-40	6.28E-01	2.77E-01	2.60E-01

Sample ID: 609921 **Sample Dates: 4/2/2024 - 4/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.34E-02	0.00E+00	3.34E-02
Cs-134	<2.63E-02	0.00E+00	2.63E-02
Cs-137	<2.10E-02	0.00E+00	2.10E-02
Be-7	<1.53E-01	0.00E+00	1.53E-01
K-40	6.60E-01	2.77E-01	2.32E-01

Sample ID: 610466 **Sample Dates: 4/9/2024 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.70E-02	0.00E+00	3.70E-02
Cs-134	<3.28E-02	0.00E+00	3.28E-02
Cs-137	<2.24E-02	0.00E+00	2.24E-02
Be-7	<2.71E-01	0.00E+00	2.71E-01
K-40	6.10E-01	2.98E-01	2.88E-01

Sample ID: 611006 **Sample Dates: 4/16/2024 - 4/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.58E-02	0.00E+00	3.58E-02
Cs-134	<3.08E-02	0.00E+00	3.08E-02
Cs-137	<3.25E-02	0.00E+00	3.25E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	5.73E-01	3.09E-01	3.53E-01

Sample ID: 611177 **Sample Dates: 4/23/2024 - 4/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.99E-02	0.00E+00	3.99E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	5.64E-01	2.56E-01	7.64E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - WSW @ 0.91 miles]

Sample ID: 611507 **Sample Dates: 4/30/2024 - 5/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.83E-02	0.00E+00	4.83E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<3.49E-02	0.00E+00	3.49E-02
Be-7	<2.93E-01	0.00E+00	2.93E-01
K-40	7.60E-01	3.46E-01	3.61E-01

Sample ID: 611762 **Sample Dates: 5/7/2024 - 5/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.07E-02	0.00E+00	4.07E-02
Cs-134	<3.41E-02	0.00E+00	3.41E-02
Cs-137	<2.59E-02	0.00E+00	2.59E-02
Be-7	<2.29E-01	0.00E+00	2.29E-01
K-40	6.48E-01	2.75E-01	7.64E-02

Sample ID: 612272 **Sample Dates: 5/14/2024 - 5/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.04E-02	0.00E+00	4.04E-02
Cs-134	<1.61E-02	0.00E+00	1.61E-02
Cs-137	<2.64E-02	0.00E+00	2.64E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	7.18E-01	3.59E-01	4.18E-01

Sample ID: 612541 **Sample Dates: 5/21/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.14E-02	0.00E+00	4.14E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.70E-01	0.00E+00	2.70E-01
K-40	<6.56E-01	0.00E+00	6.56E-01

Sample ID: 612705 **Sample Dates: 5/28/2024 - 6/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.21E-02	0.00E+00	4.21E-02
Cs-134	<3.78E-02	0.00E+00	3.78E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.52E-01	0.00E+00	2.52E-01
K-40	<5.91E-01	0.00E+00	5.91E-01

Sample ID: 613546 **Sample Dates: 6/4/2024 - 6/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.92E-02	0.00E+00	5.92E-02
Cs-134	<2.54E-02	0.00E+00	2.54E-02
Cs-137	<2.29E-02	0.00E+00	2.29E-02
Be-7	<1.92E-01	0.00E+00	1.92E-01
K-40	8.86E-01	2.89E-01	6.00E-02

Sample ID: 614066 **Sample Dates: 6/11/2024 - 6/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.21E-02	0.00E+00	5.21E-02
Cs-134	<3.11E-02	0.00E+00	3.11E-02
Cs-137	<2.82E-02	0.00E+00	2.82E-02
Be-7	<2.89E-01	0.00E+00	2.89E-01
K-40	6.93E-01	2.88E-01	7.83E-02

Sample ID: 614303 **Sample Dates: 6/18/2024 - 6/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.91E-02	0.00E+00	4.91E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<3.24E-02	0.00E+00	3.24E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	<7.82E-01	0.00E+00	7.82E-01

Sample ID: 614466 **Sample Dates: 6/25/2024 - 7/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.04E-02	0.00E+00	6.04E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.29E-01	0.00E+00	2.29E-01
K-40	3.87E-01	3.45E-01	5.24E-01

Sample ID: 614679 **Sample Dates: 7/2/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.15E-02	0.00E+00	4.15E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - WSW @ 0.91 miles]

Sample ID: 614679 Sample Dates: 7/2/2024 - 7/9/2024

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<1.72E-01	0.00E+00	1.72E-01
K-40	5.05E-01	3.28E-01	4.40E-01

Sample ID: 615079 Sample Dates: 7/9/2024 - 7/16/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.91E-02	0.00E+00	5.91E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<2.49E-02	0.00E+00	2.49E-02
Be-7	<2.09E-01	0.00E+00	2.09E-01
K-40	5.70E-01	2.82E-01	3.45E-01

Sample ID: 615892 Sample Dates: 7/16/2024 - 7/23/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.62E-02	0.00E+00	4.62E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<3.37E-02	0.00E+00	3.37E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	5.93E-01	3.07E-01	3.34E-01

Sample ID: 616347 Sample Dates: 7/23/2024 - 7/30/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.89E-02	0.00E+00	4.89E-02
Cs-134	<2.01E-02	0.00E+00	2.01E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	<7.13E-01	0.00E+00	7.13E-01

Sample ID: 616623 Sample Dates: 7/30/2024 - 8/6/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.47E-02	0.00E+00	4.47E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<3.10E-02	0.00E+00	3.10E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	6.98E-01	3.11E-01	2.72E-01

Sample ID: 617021 Sample Dates: 8/6/2024 - 8/13/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.93E-02	0.00E+00	4.93E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<1.72E-02	0.00E+00	1.72E-02
Be-7	<1.74E-01	0.00E+00	1.74E-01
K-40	<7.68E-01	0.00E+00	7.68E-01

Sample ID: 617507 Sample Dates: 8/13/2024 - 8/20/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.22E-02	0.00E+00	4.22E-02
Cs-134	<2.54E-02	0.00E+00	2.54E-02
Cs-137	<2.86E-02	0.00E+00	2.86E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	6.47E-01	3.27E-01	3.72E-01

Sample ID: 617992 Sample Dates: 8/20/2024 - 8/27/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.05E-02	0.00E+00	5.05E-02
Cs-134	<2.67E-02	0.00E+00	2.67E-02
Cs-137	<3.02E-02	0.00E+00	3.02E-02
Be-7	<1.66E-01	0.00E+00	1.66E-01
K-40	5.30E-01	3.00E-01	3.47E-01

Sample ID: 618181 Sample Dates: 8/27/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.90E-02	0.00E+00	3.90E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<3.63E-02	0.00E+00	3.63E-02
Be-7	<2.56E-01	0.00E+00	2.56E-01
K-40	4.58E-01	2.32E-01	7.75E-02

Sample ID: 618410 Sample Dates: 9/3/2024 - 9/10/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.71E-02	0.00E+00	3.71E-02
Cs-134	<2.78E-02	0.00E+00	2.78E-02
Cs-137	<2.38E-02	0.00E+00	2.38E-02
Be-7	<1.58E-01	0.00E+00	1.58E-01
K-40	6.71E-01	3.09E-01	2.95E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - WSW @ 0.91 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
619485	9/10/2024 - 9/17/2024	I-131	<5.54E-02	0.00E+00	5.54E-02
		Cs-134	<2.66E-02	0.00E+00	2.66E-02
		Cs-137	<2.83E-02	0.00E+00	2.83E-02
		Be-7	<2.88E-01	0.00E+00	2.88E-01
		K-40	6.84E-01	3.06E-01	2.57E-01
619758	9/17/2024 - 9/24/2024	I-131	<4.42E-02	0.00E+00	4.42E-02
		Cs-134	<2.60E-02	0.00E+00	2.60E-02
		Cs-137	<2.78E-02	0.00E+00	2.78E-02
		Be-7	<2.31E-01	0.00E+00	2.31E-01
		K-40	7.65E-01	3.35E-01	3.19E-01
620150	9/24/2024 - 10/1/2024	I-131	<4.09E-02	0.00E+00	4.09E-02
		Cs-134	<2.01E-02	0.00E+00	2.01E-02
		Cs-137	<1.99E-02	0.00E+00	1.99E-02
		Be-7	<2.54E-01	0.00E+00	2.54E-01
		K-40	8.57E-01	3.43E-01	2.86E-01
620342	10/1/2024 - 10/8/2024	I-131	<4.67E-02	0.00E+00	4.67E-02
		Cs-134	<3.05E-02	0.00E+00	3.05E-02
		Cs-137	<1.72E-02	0.00E+00	1.72E-02
		Be-7	<2.55E-01	0.00E+00	2.55E-01
		K-40	5.19E-01	3.19E-01	4.10E-01
620655	10/8/2024 - 10/15/2024	I-131	<5.77E-02	0.00E+00	5.77E-02
		Cs-134	<2.37E-02	0.00E+00	2.37E-02
		Cs-137	<2.97E-02	0.00E+00	2.97E-02
		Be-7	<2.37E-01	0.00E+00	2.37E-01
		K-40	5.71E-01	3.38E-01	4.35E-01
621219	10/15/2024 - 10/22/2024	I-131	<5.92E-02	0.00E+00	5.92E-02
		Cs-134	<3.30E-02	0.00E+00	3.30E-02
		Cs-137	<2.97E-02	0.00E+00	2.97E-02
		Be-7	<2.10E-01	0.00E+00	2.10E-01
		K-40	7.48E-01	2.99E-01	7.79E-02
621622	10/22/2024 - 10/29/2024	I-131	<4.26E-02	0.00E+00	4.26E-02
		Cs-134	<3.22E-02	0.00E+00	3.22E-02
		Cs-137	<2.58E-02	0.00E+00	2.58E-02
		Be-7	<1.60E-01	0.00E+00	1.60E-01
		K-40	7.38E-01	3.20E-01	2.85E-01
621971	10/29/2024 - 11/5/2024	I-131	<3.89E-02	0.00E+00	3.89E-02
		Cs-134	<2.63E-02	0.00E+00	2.63E-02
		Cs-137	<2.45E-02	0.00E+00	2.45E-02
		Be-7	<2.07E-01	0.00E+00	2.07E-01
		K-40	6.42E-01	3.02E-01	2.78E-01
622239	11/5/2024 - 11/12/2024	I-131	<4.24E-02	0.00E+00	4.24E-02
		Cs-134	<3.06E-02	0.00E+00	3.06E-02
		Cs-137	<3.23E-02	0.00E+00	3.23E-02
		Be-7	<2.80E-01	0.00E+00	2.80E-01
		K-40	4.45E-01	2.67E-01	3.08E-01
622596	11/12/2024 - 11/19/2024	I-131	<5.94E-02	0.00E+00	5.94E-02
		Cs-134	<2.59E-02	0.00E+00	2.59E-02
		Cs-137	<2.76E-02	0.00E+00	2.76E-02

Sample Point 200 [INDICATOR - WSW @ 0.91 miles]

Sample ID:	622596	Sample Dates: 11/12/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.74E-01	0.00E+00	2.74E-01
			K-40	<7.61E-01	0.00E+00	7.61E-01
Sample ID:	**622885**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.25E-02	0.00E+00	6.25E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.51E-01	0.00E+00	2.51E-01
			K-40	5.74E-01	3.00E-01	3.25E-01
Sample ID:	**623208**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.74E-02	0.00E+00	3.74E-02
			Cs-134	<3.19E-02	0.00E+00	3.19E-02
			Cs-137	<2.56E-02	0.00E+00	2.56E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	<8.45E-01	0.00E+00	8.45E-01
Sample ID:	**624041**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<3.33E-02	0.00E+00	3.33E-02
			Cs-137	<2.04E-02	0.00E+00	2.04E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	7.65E-01	3.31E-01	2.93E-01
Sample ID:	**624567**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.42E-02	0.00E+00	5.42E-02
			Cs-134	<2.35E-02	0.00E+00	2.35E-02
			Cs-137	<2.03E-02	0.00E+00	2.03E-02
			Be-7	<2.63E-01	0.00E+00	2.63E-01
			K-40	8.34E-01	3.43E-01	2.97E-01
Sample ID:	**624783**	**Sample Dates: 12/17/2024 - 12/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.29E-02	0.00E+00	6.29E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<2.39E-02	0.00E+00	2.39E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	<5.72E-01	0.00E+00	5.72E-01
Sample ID:	**624997**	**Sample Dates: 12/24/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.16E-02	0.00E+00	6.16E-02
			Cs-134	<2.16E-02	0.00E+00	2.16E-02
			Cs-137	<2.54E-02	0.00E+00	2.54E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	3.51E-01	1.99E-01	2.12E-01

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID:	602926	Sample Dates: 1/2/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<3.94E-02	0.00E+00	3.94E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.38E-01	0.00E+00	2.38E-01
			K-40	8.84E-01	3.25E-01	7.73E-02
Sample ID:	**603828**	**Sample Dates: 1/9/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.91E-02	0.00E+00	4.91E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	8.19E-01	3.11E-01	7.65E-02
Sample ID:	**603951**	**Sample Dates: 1/16/2024 - 1/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.06E-02	0.00E+00	4.06E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
603951	1/16/2024 - 1/23/2024	K-40	<7.30E-01	0.00E+00	7.30E-01
604197	1/23/2024 - 1/30/2024	I-131	<4.38E-02	0.00E+00	4.38E-02
		Cs-134	<2.87E-02	0.00E+00	2.87E-02
		Cs-137	<2.96E-02	0.00E+00	2.96E-02
		Be-7	<1.86E-01	0.00E+00	1.86E-01
		K-40	2.86E-01	2.48E-01	3.53E-01
604512	1/30/2024 - 2/6/2024	I-131	<4.23E-02	0.00E+00	4.23E-02
		Cs-134	<2.31E-02	0.00E+00	2.31E-02
		Cs-137	<2.92E-02	0.00E+00	2.92E-02
		Be-7	<1.82E-01	0.00E+00	1.82E-01
		K-40	7.79E-01	3.51E-01	3.70E-01
604784	2/6/2024 - 2/13/2024	I-131	<4.88E-02	0.00E+00	4.88E-02
		Cs-134	<3.07E-02	0.00E+00	3.07E-02
		Cs-137	<2.44E-02	0.00E+00	2.44E-02
		Be-7	<2.41E-01	0.00E+00	2.41E-01
		K-40	6.58E-01	3.43E-01	4.06E-01
605120	2/13/2024 - 2/20/2024	I-131	<4.06E-02	0.00E+00	4.06E-02
		Cs-134	<2.02E-02	0.00E+00	2.02E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	<2.56E-01	0.00E+00	2.56E-01
		K-40	7.11E-01	3.26E-01	3.22E-01
606244	2/20/2024 - 2/27/2024	I-131	<4.54E-02	0.00E+00	4.54E-02
		Cs-134	<2.59E-02	0.00E+00	2.59E-02
		Cs-137	<3.34E-02	0.00E+00	3.34E-02
		Be-7	<2.04E-01	0.00E+00	2.04E-01
		K-40	5.75E-01	3.17E-01	3.78E-01
607126	2/27/2024 - 3/5/2024	I-131	<4.10E-02	0.00E+00	4.10E-02
		Cs-134	<3.45E-02	0.00E+00	3.45E-02
		Cs-137	<2.00E-02	0.00E+00	2.00E-02
		Be-7	<2.74E-01	0.00E+00	2.74E-01
		K-40	6.31E-01	3.04E-01	2.99E-01
607650	3/5/2024 - 3/12/2024	I-131	<4.57E-02	0.00E+00	4.57E-02
		Cs-134	<1.60E-02	0.00E+00	1.60E-02
		Cs-137	<2.78E-02	0.00E+00	2.78E-02
		Be-7	<2.49E-01	0.00E+00	2.49E-01
		K-40	5.72E-01	2.92E-01	3.00E-01
608896	3/12/2024 - 3/19/2024	I-131	<4.17E-02	0.00E+00	4.17E-02
		Cs-134	<3.25E-02	0.00E+00	3.25E-02
		Cs-137	<2.61E-02	0.00E+00	2.61E-02
		Be-7	<2.62E-01	0.00E+00	2.62E-01
		K-40	9.75E-01	3.64E-01	2.83E-01
609309	3/19/2024 - 3/26/2024	I-131	<3.58E-02	0.00E+00	3.58E-02
		Cs-134	<2.34E-02	0.00E+00	2.34E-02
		Cs-137	<3.24E-02	0.00E+00	3.24E-02
		Be-7	<2.38E-01	0.00E+00	2.38E-01
		K-40	3.38E-01	3.80E-01	6.12E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID:	609499	Sample Dates: 3/26/2024 - 4/2/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.31E-02	0.00E+00	2.31E-02
			Cs-134	<2.38E-02	0.00E+00	2.38E-02
			Cs-137	<1.88E-02	0.00E+00	1.88E-02
			Be-7	<1.59E-01	0.00E+00	1.59E-01
			K-40	8.17E-01	3.12E-01	2.73E-01

Sample ID:	609922	Sample Dates: 4/2/2024 - 4/9/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.86E-02	0.00E+00	2.86E-02
			Cs-134	<2.04E-02	0.00E+00	2.04E-02
			Cs-137	<2.14E-02	0.00E+00	2.14E-02
			Be-7	<1.44E-01	0.00E+00	1.44E-01
			K-40	7.15E-01	2.92E-01	2.54E-01

Sample ID:	610467	Sample Dates: 4/9/2024 - 4/16/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.65E-02	0.00E+00	4.65E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	6.33E-01	3.04E-01	2.94E-01

Sample ID:	611007	Sample Dates: 4/16/2024 - 4/23/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.96E-02	0.00E+00	3.96E-02
			Cs-134	<3.48E-02	0.00E+00	3.48E-02
			Cs-137	<3.26E-02	0.00E+00	3.26E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	4.46E-01	2.57E-01	2.68E-01

Sample ID:	611178	Sample Dates: 4/23/2024 - 4/30/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.74E-02	0.00E+00	2.74E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	7.28E-01	3.25E-01	3.13E-01

Sample ID:	611508	Sample Dates: 4/30/2024 - 5/7/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.22E-02	0.00E+00	5.22E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<3.22E-02	0.00E+00	3.22E-02
			Be-7	<1.87E-01	0.00E+00	1.87E-01
			K-40	8.53E-01	3.19E-01	7.70E-02

Sample ID:	611763	Sample Dates: 5/7/2024 - 5/14/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.32E-02	0.00E+00	4.32E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.82E-01	0.00E+00	2.82E-01
			K-40	7.76E-01	3.58E-01	3.89E-01

Sample ID:	612273	Sample Dates: 5/14/2024 - 5/21/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.03E-02	0.00E+00	4.03E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<3.11E-02	0.00E+00	3.11E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	<7.32E-01	0.00E+00	7.32E-01

Sample ID:	612542	Sample Dates: 5/21/2024 - 5/28/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.56E-02	0.00E+00	3.56E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.49E-02	0.00E+00	3.49E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	<7.00E-01	0.00E+00	7.00E-01

Sample ID:	612706	Sample Dates: 5/28/2024 - 6/4/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.96E-02	0.00E+00	3.96E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<3.50E-02	0.00E+00	3.50E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID:	612706	Sample Dates: 5/28/2024 - 6/4/2024			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		Be-7	<2.38E-01	0.00E+00	2.38E-01
		K-40	4.72E-01	2.61E-01	2.64E-01
Sample ID:	**613547**	**Sample Dates: 6/4/2024 - 6/11/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<6.05E-02	0.00E+00	6.05E-02
		Cs-134	<2.20E-02	0.00E+00	2.20E-02
		Cs-137	<1.76E-02	0.00E+00	1.76E-02
		Be-7	<1.98E-01	0.00E+00	1.98E-01
		K-40	6.25E-01	2.35E-01	1.67E-01
Sample ID:	**614067**	**Sample Dates: 6/11/2024 - 6/18/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<6.00E-02	0.00E+00	6.00E-02
		Cs-134	<1.55E-02	0.00E+00	1.55E-02
		Cs-137	<2.14E-02	0.00E+00	2.14E-02
		Be-7	<2.24E-01	0.00E+00	2.24E-01
		K-40	6.10E-01	2.61E-01	2.42E-01
Sample ID:	**614304**	**Sample Dates: 6/18/2024 - 6/25/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<5.31E-02	0.00E+00	5.31E-02
		Cs-134	<2.59E-02	0.00E+00	2.59E-02
		Cs-137	<2.42E-02	0.00E+00	2.42E-02
		Be-7	<2.22E-01	0.00E+00	2.22E-01
		K-40	<7.23E-01	0.00E+00	7.23E-01
Sample ID:	**614467**	**Sample Dates: 6/25/2024 - 7/2/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<6.04E-02	0.00E+00	6.04E-02
		Cs-134	<2.71E-02	0.00E+00	2.71E-02
		Cs-137	<2.54E-02	0.00E+00	2.54E-02
		Be-7	<2.01E-01	0.00E+00	2.01E-01
		K-40	4.96E-01	2.88E-01	3.78E-01
Sample ID:	**614680**	**Sample Dates: 7/2/2024 - 7/9/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<4.74E-02	0.00E+00	4.74E-02
		Cs-134	<3.46E-02	0.00E+00	3.46E-02
		Cs-137	<2.24E-02	0.00E+00	2.24E-02
		Be-7	<1.94E-01	0.00E+00	1.94E-01
		K-40	8.61E-01	3.49E-01	3.02E-01
Sample ID:	**615080**	**Sample Dates: 7/9/2024 - 7/16/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<6.14E-02	0.00E+00	6.14E-02
		Cs-134	<2.45E-02	0.00E+00	2.45E-02
		Cs-137	<2.44E-02	0.00E+00	2.44E-02
		Be-7	<1.98E-01	0.00E+00	1.98E-01
		K-40	5.94E-01	2.89E-01	3.63E-01
Sample ID:	**615893**	**Sample Dates: 7/16/2024 - 7/23/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<4.21E-02	0.00E+00	4.21E-02
		Cs-134	<2.63E-02	0.00E+00	2.63E-02
		Cs-137	<2.97E-02	0.00E+00	2.97E-02
		Be-7	<2.32E-01	0.00E+00	2.32E-01
		K-40	7.53E-01	3.28E-01	2.96E-01
Sample ID:	**616348**	**Sample Dates: 7/23/2024 - 7/30/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<5.48E-02	0.00E+00	5.48E-02
		Cs-134	<2.60E-02	0.00E+00	2.60E-02
		Cs-137	<2.78E-02	0.00E+00	2.78E-02
		Be-7	<2.62E-01	0.00E+00	2.62E-01
		K-40	9.38E-01	3.35E-01	7.71E-02
Sample ID:	**616624**	**Sample Dates: 7/30/2024 - 8/6/2024**			
		Nuclide	**Activity**	**2 Sigma Error**	**MDA**
		I-131	<4.67E-02	0.00E+00	4.67E-02
		Cs-134	<3.46E-02	0.00E+00	3.46E-02
		Cs-137	<2.63E-02	0.00E+00	2.63E-02
		Be-7	<2.56E-01	0.00E+00	2.56E-01
		K-40	6.30E-01	2.73E-01	7.76E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID: 617022 **Sample Dates: 8/6/2024 - 8/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.99E-02	0.00E+00	3.99E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.70E-01	0.00E+00	2.70E-01
K-40	7.74E-01	3.29E-01	2.89E-01

Sample ID: 617508 **Sample Dates: 8/13/2024 - 8/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.80E-02	0.00E+00	4.80E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<1.94E-01	0.00E+00	1.94E-01
K-40	6.93E-01	3.06E-01	2.61E-01

Sample ID: 617993 **Sample Dates: 8/20/2024 - 8/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.89E-02	0.00E+00	4.89E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	6.89E-01	3.18E-01	3.07E-01

Sample ID: 618182 **Sample Dates: 8/27/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.67E-02	0.00E+00	4.67E-02
Cs-134	<3.05E-02	0.00E+00	3.05E-02
Cs-137	<1.72E-02	0.00E+00	1.72E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	5.97E-01	3.31E-01	4.04E-01

Sample ID: 618411 **Sample Dates: 9/3/2024 - 9/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.10E-02	0.00E+00	4.10E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<3.34E-02	0.00E+00	3.34E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	4.90E-01	3.01E-01	3.79E-01

Sample ID: 619486 **Sample Dates: 9/10/2024 - 9/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.28E-02	0.00E+00	6.28E-02
Cs-134	<3.22E-02	0.00E+00	3.22E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	<6.40E-01	0.00E+00	6.40E-01

Sample ID: 619759 **Sample Dates: 9/17/2024 - 9/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.78E-02	0.00E+00	3.78E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	8.24E-01	3.70E-01	4.01E-01

Sample ID: 620151 **Sample Dates: 9/24/2024 - 10/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.71E-02	0.00E+00	4.71E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	6.24E-01	3.18E-01	3.52E-01

Sample ID: 620343 **Sample Dates: 10/1/2024 - 10/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.14E-02	0.00E+00	5.14E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	7.68E-01	3.02E-01	7.71E-02

Sample ID: 620656 **Sample Dates: 10/8/2024 - 10/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.14E-02	0.00E+00	6.14E-02
Cs-134	<2.49E-02	0.00E+00	2.49E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID: 620656 **Sample Dates: 10/8/2024 - 10/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<2.48E-01	0.00E+00	2.48E-01
K-40	6.78E-01	3.34E-01	3.84E-01

Sample ID: 621220 **Sample Dates: 10/15/2024 - 10/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.92E-02	0.00E+00	5.92E-02
Cs-134	<3.30E-02	0.00E+00	3.30E-02
Cs-137	<2.64E-02	0.00E+00	2.64E-02
Be-7	<2.83E-01	0.00E+00	2.83E-01
K-40	<7.34E-01	0.00E+00	7.34E-01

Sample ID: 621623 **Sample Dates: 10/22/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.61E-02	0.00E+00	4.61E-02
Cs-134	<2.79E-02	0.00E+00	2.79E-02
Cs-137	<2.89E-02	0.00E+00	2.89E-02
Be-7	<2.43E-01	0.00E+00	2.43E-01
K-40	<7.00E-01	0.00E+00	7.00E-01

Sample ID: 621972 **Sample Dates: 10/29/2024 - 11/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.47E-02	0.00E+00	4.47E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.83E-02	0.00E+00	2.83E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	<7.11E-01	0.00E+00	7.11E-01

Sample ID: 622240 **Sample Dates: 11/5/2024 - 11/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.88E-02	0.00E+00	4.88E-02
Cs-134	<3.43E-02	0.00E+00	3.43E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.03E-01	0.00E+00	2.03E-01
K-40	<7.52E-01	0.00E+00	7.52E-01

Sample ID: 622597 **Sample Dates: 11/12/2024 - 11/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.66E-02	0.00E+00	4.66E-02
Cs-134	<2.03E-02	0.00E+00	2.03E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.26E-01	0.00E+00	2.26E-01
K-40	7.61E-01	3.46E-01	3.58E-01

Sample ID: 622886 **Sample Dates: 11/19/2024 - 11/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.17E-02	0.00E+00	6.17E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.06E-01	0.00E+00	2.06E-01
K-40	<4.76E-01	0.00E+00	4.76E-01

Sample ID: 623209 **Sample Dates: 11/26/2024 - 12/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.90E-02	0.00E+00	4.90E-02
Cs-134	<3.03E-02	0.00E+00	3.03E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	6.69E-01	3.20E-01	3.33E-01

Sample ID: 624042 **Sample Dates: 12/3/2024 - 12/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.93E-02	0.00E+00	4.93E-02
Cs-134	<2.03E-02	0.00E+00	2.03E-02
Cs-137	<2.25E-02	0.00E+00	2.25E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	4.38E-01	2.61E-01	2.92E-01

Sample ID: 624568 **Sample Dates: 12/10/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.31E-02	0.00E+00	3.31E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<2.25E-02	0.00E+00	2.25E-02
Be-7	<2.79E-01	0.00E+00	2.79E-01
K-40	5.93E-01	2.86E-01	2.53E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.61 miles]

Sample ID: 624784 **Sample Dates: 12/17/2024 - 12/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.27E-02	0.00E+00	6.27E-02
Cs-134	<2.57E-02	0.00E+00	2.57E-02
Cs-137	<2.03E-02	0.00E+00	2.03E-02
Be-7	<2.35E-01	0.00E+00	2.35E-01
K-40	4.05E-01	2.39E-01	2.81E-01

Sample ID: 624998 **Sample Dates: 12/24/2024 - 12/31/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.98E-02	0.00E+00	5.98E-02
Cs-134	<1.77E-02	0.00E+00	1.77E-02
Cs-137	<1.83E-02	0.00E+00	1.83E-02
Be-7	<2.05E-01	0.00E+00	2.05E-01
K-40	7.39E-01	2.81E-01	2.38E-01

Sample Point 202 [INDICATOR - S @ 0.86 miles]

Sample ID: 602927 **Sample Dates: 1/2/2024 - 1/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.62E-02	0.00E+00	4.62E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.53E-01	0.00E+00	2.53E-01
K-40	6.46E-01	3.41E-01	4.07E-01

Sample ID: 603829 **Sample Dates: 1/9/2024 - 1/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.40E-02	0.00E+00	3.40E-02
Cs-134	<2.56E-02	0.00E+00	2.56E-02
Cs-137	<2.57E-02	0.00E+00	2.57E-02
Be-7	<2.43E-01	0.00E+00	2.43E-01
K-40	6.53E-01	2.99E-01	2.69E-01

Sample ID: 603952 **Sample Dates: 1/16/2024 - 1/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.28E-02	0.00E+00	4.28E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<3.86E-02	0.00E+00	3.86E-02
Be-7	<1.86E-01	0.00E+00	1.86E-01
K-40	6.01E-01	3.34E-01	4.09E-01

Sample ID: 604198 **Sample Dates: 1/23/2024 - 1/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.21E-02	0.00E+00	4.21E-02
Cs-134	<2.89E-02	0.00E+00	2.89E-02
Cs-137	<3.28E-02	0.00E+00	3.28E-02
Be-7	<2.08E-01	0.00E+00	2.08E-01
K-40	<7.53E-01	0.00E+00	7.53E-01

Sample ID: 604513 **Sample Dates: 1/30/2024 - 2/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.35E-02	0.00E+00	4.35E-02
Cs-134	<2.32E-02	0.00E+00	2.32E-02
Cs-137	<3.21E-02	0.00E+00	3.21E-02
Be-7	<1.82E-01	0.00E+00	1.82E-01
K-40	7.91E-01	3.67E-01	4.10E-01

Sample ID: 604785 **Sample Dates: 2/6/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.61E-02	0.00E+00	4.61E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	5.99E-01	2.66E-01	7.73E-02

Sample ID: 605121 **Sample Dates: 2/13/2024 - 2/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.35E-02	0.00E+00	4.35E-02
Cs-134	<3.24E-02	0.00E+00	3.24E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<2.47E-01	0.00E+00	2.47E-01
K-40	<6.67E-01	0.00E+00	6.67E-01

Sample ID: 606245 **Sample Dates: 2/20/2024 - 2/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.95E-02	0.00E+00	3.95E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 202 [INDICATOR - S @ 0.86 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
606245	2/20/2024 - 2/27/2024	Cs-134	<3.07E-02	0.00E+00	3.07E-02
		Cs-137	<3.10E-02	0.00E+00	3.10E-02
		Be-7	<2.15E-01	0.00E+00	2.15E-01
		K-40	6.85E-01	2.85E-01	7.74E-02
607127	2/27/2024 - 3/5/2024	I-131	<4.20E-02	0.00E+00	4.20E-02
		Cs-134	<3.44E-02	0.00E+00	3.44E-02
		Cs-137	<2.78E-02	0.00E+00	2.78E-02
		Be-7	<2.13E-01	0.00E+00	2.13E-01
		K-40	7.06E-01	3.62E-01	4.37E-01
607651	3/5/2024 - 3/12/2024	I-131	<4.74E-02	0.00E+00	4.74E-02
		Cs-134	<2.32E-02	0.00E+00	2.32E-02
		Cs-137	<2.21E-02	0.00E+00	2.21E-02
		Be-7	<2.22E-01	0.00E+00	2.22E-01
		K-40	8.48E-01	3.17E-01	7.66E-02
608897	3/12/2024 - 3/19/2024	I-131	<4.45E-02	0.00E+00	4.45E-02
		Cs-134	<3.65E-02	0.00E+00	3.65E-02
		Cs-137	<3.12E-02	0.00E+00	3.12E-02
		Be-7	<2.35E-01	0.00E+00	2.35E-01
		K-40	7.56E-01	3.26E-01	2.86E-01
609310	3/19/2024 - 3/26/2024	I-131	<4.10E-02	0.00E+00	4.10E-02
		Cs-134	<2.84E-02	0.00E+00	2.84E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<2.21E-01	0.00E+00	2.21E-01
		K-40	<6.86E-01	0.00E+00	6.86E-01
609500	3/26/2024 - 4/2/2024	I-131	<2.69E-02	0.00E+00	2.69E-02
		Cs-134	<2.43E-02	0.00E+00	2.43E-02
		Cs-137	<2.10E-02	0.00E+00	2.10E-02
		Be-7	<1.98E-01	0.00E+00	1.98E-01
		K-40	6.15E-01	2.95E-01	3.25E-01
609923	4/2/2024 - 4/9/2024	I-131	<2.68E-02	0.00E+00	2.68E-02
		Cs-134	<3.00E-02	0.00E+00	3.00E-02
		Cs-137	<2.25E-02	0.00E+00	2.25E-02
		Be-7	<2.00E-01	0.00E+00	2.00E-01
		K-40	6.44E-01	2.85E-01	2.56E-01
610468	4/9/2024 - 4/16/2024	I-131	<4.70E-02	0.00E+00	4.70E-02
		Cs-134	<3.98E-02	0.00E+00	3.98E-02
		Cs-137	<3.13E-02	0.00E+00	3.13E-02
		Be-7	<2.17E-01	0.00E+00	2.17E-01
		K-40	8.69E-01	3.51E-01	3.03E-01
611008	4/16/2024 - 4/23/2024	I-131	<4.57E-02	0.00E+00	4.57E-02
		Cs-134	<2.85E-02	0.00E+00	2.85E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<1.96E-01	0.00E+00	1.96E-01
		K-40	8.08E-01	3.35E-01	2.85E-01
611179	4/23/2024 - 4/30/2024	I-131	<4.81E-02	0.00E+00	4.81E-02
		Cs-134	<3.42E-02	0.00E+00	3.42E-02
		Cs-137	<2.42E-02	0.00E+00	2.42E-02
		Be-7	<1.94E-01	0.00E+00	1.94E-01

Sample ID:	611179	Sample Dates: 4/23/2024 - 4/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	7.27E-01	3.10E-01	2.46E-01
Sample ID:	**611509**	**Sample Dates: 4/30/2024 - 5/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.24E-02	0.00E+00	5.24E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<2.50E-01	0.00E+00	2.50E-01
			K-40	6.23E-01	3.43E-01	4.24E-01
Sample ID:	**611764**	**Sample Dates: 5/7/2024 - 5/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.74E-02	0.00E+00	4.74E-02
			Cs-134	<1.99E-02	0.00E+00	1.99E-02
			Cs-137	<3.19E-02	0.00E+00	3.19E-02
			Be-7	<2.92E-01	0.00E+00	2.92E-01
			K-40	<8.06E-01	0.00E+00	8.06E-01
Sample ID:	**612274**	**Sample Dates: 5/14/2024 - 5/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.30E-02	0.00E+00	4.30E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<1.88E-01	0.00E+00	1.88E-01
			K-40	6.84E-01	3.06E-01	2.55E-01
Sample ID:	**612543**	**Sample Dates: 5/21/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.85E-02	0.00E+00	4.85E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	6.65E-01	3.35E-01	3.80E-01
Sample ID:	**612707**	**Sample Dates: 5/28/2024 - 6/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.55E-02	0.00E+00	4.55E-02
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<3.07E-02	0.00E+00	3.07E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	7.44E-01	3.22E-01	2.84E-01
Sample ID:	**613548**	**Sample Dates: 6/4/2024 - 6/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.19E-02	0.00E+00	6.19E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<1.91E-02	0.00E+00	1.91E-02
			Be-7	<2.02E-01	0.00E+00	2.02E-01
			K-40	5.39E-01	2.75E-01	3.46E-01
Sample ID:	**614068**	**Sample Dates: 6/11/2024 - 6/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.96E-02	0.00E+00	5.96E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.49E-02	0.00E+00	2.49E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	7.61E-01	2.92E-01	2.42E-01
Sample ID:	**614305**	**Sample Dates: 6/18/2024 - 6/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.14E-02	0.00E+00	4.14E-02
			Cs-134	<3.81E-02	0.00E+00	3.81E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.07E-01	0.00E+00	2.07E-01
			K-40	7.18E-01	3.25E-01	3.10E-01
Sample ID:	**614468**	**Sample Dates: 6/25/2024 - 7/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.07E-02	0.00E+00	6.07E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	9.68E-01	3.41E-01	7.71E-02

Sample ID: 614681 **Sample Dates: 7/2/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.88E-02	0.00E+00	3.88E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.30E-01	0.00E+00	2.30E-01
K-40	7.98E-01	3.08E-01	7.72E-02

Sample ID: 615081 **Sample Dates: 7/9/2024 - 7/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.22E-02	0.00E+00	6.22E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<2.26E-01	0.00E+00	2.26E-01
K-40	6.92E-01	3.07E-01	2.66E-01

Sample ID: 615894 **Sample Dates: 7/16/2024 - 7/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.22E-02	0.00E+00	4.22E-02
Cs-134	<2.03E-02	0.00E+00	2.03E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	8.61E-01	3.22E-01	7.78E-02

Sample ID: 616349 **Sample Dates: 7/23/2024 - 7/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.99E-02	0.00E+00	3.99E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<1.74E-01	0.00E+00	1.74E-01
K-40	7.55E-01	3.19E-01	2.58E-01

Sample ID: 616625 **Sample Dates: 7/30/2024 - 8/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.17E-02	0.00E+00	4.17E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<3.10E-02	0.00E+00	3.10E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	9.42E-01	3.90E-01	4.04E-01

Sample ID: 617023 **Sample Dates: 8/6/2024 - 8/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	<6.72E-01	0.00E+00	6.72E-01

Sample ID: 617509 **Sample Dates: 8/13/2024 - 8/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.32E-02	0.00E+00	4.32E-02
Cs-134	<3.82E-02	0.00E+00	3.82E-02
Cs-137	<2.70E-02	0.00E+00	2.70E-02
Be-7	<1.79E-01	0.00E+00	1.79E-01
K-40	4.69E-01	3.44E-01	4.95E-01

Sample ID: 617994 **Sample Dates: 8/20/2024 - 8/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.61E-02	0.00E+00	4.61E-02
Cs-134	<2.40E-02	0.00E+00	2.40E-02
Cs-137	<3.18E-02	0.00E+00	3.18E-02
Be-7	<2.21E-01	0.00E+00	2.21E-01
K-40	<8.51E-01	0.00E+00	8.51E-01

Sample ID: 618183 **Sample Dates: 8/27/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.00E-02	0.00E+00	4.00E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<3.73E-02	0.00E+00	3.73E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	7.43E-01	3.57E-01	4.03E-01

Sample ID: 618412 **Sample Dates: 9/3/2024 - 9/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.05E-02	0.00E+00	4.05E-02
Cs-134	<1.97E-02	0.00E+00	1.97E-02
Cs-137	<3.02E-02	0.00E+00	3.02E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 202 [INDICATOR - S @ 0.86 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
618412	9/3/2024 - 9/10/2024	Be-7	<2.63E-01	0.00E+00	2.63E-01
		K-40	1.11E+00	3.93E-01	3.26E-01
619487	9/10/2024 - 9/17/2024	I-131	<6.20E-02	0.00E+00	6.20E-02
		Cs-134	<2.67E-02	0.00E+00	2.67E-02
		Cs-137	<3.69E-02	0.00E+00	3.69E-02
		Be-7	<2.66E-01	0.00E+00	2.66E-01
		K-40	7.11E-01	3.17E-01	2.77E-01
619760	9/17/2024 - 9/24/2024	I-131	<4.82E-02	0.00E+00	4.82E-02
		Cs-134	<3.25E-02	0.00E+00	3.25E-02
		Cs-137	<2.22E-02	0.00E+00	2.22E-02
		Be-7	<2.05E-01	0.00E+00	2.05E-01
		K-40	6.26E-01	3.36E-01	4.03E-01
620152	9/24/2024 - 10/1/2024	I-131	<3.97E-02	0.00E+00	3.97E-02
		Cs-134	<2.57E-02	0.00E+00	2.57E-02
		Cs-137	<3.19E-02	0.00E+00	3.19E-02
		Be-7	<2.59E-01	0.00E+00	2.59E-01
		K-40	5.25E-01	2.98E-01	3.53E-01
620344	10/1/2024 - 10/8/2024	I-131	<3.96E-02	0.00E+00	3.96E-02
		Cs-134	<3.26E-02	0.00E+00	3.26E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	<2.15E-01	0.00E+00	2.15E-01
		K-40	<6.08E-01	0.00E+00	6.08E-01
620657	10/8/2024 - 10/15/2024	I-131	<5.88E-02	0.00E+00	5.88E-02
		Cs-134	<2.53E-02	0.00E+00	2.53E-02
		Cs-137	<1.88E-02	0.00E+00	1.88E-02
		Be-7	<1.89E-01	0.00E+00	1.89E-01
		K-40	4.77E-01	2.77E-01	3.60E-01
621221	10/15/2024 - 10/22/2024	I-131	<6.19E-02	0.00E+00	6.19E-02
		Cs-134	<2.45E-02	0.00E+00	2.45E-02
		Cs-137	<1.98E-02	0.00E+00	1.98E-02
		Be-7	<1.99E-01	0.00E+00	1.99E-01
		K-40	6.58E-01	2.93E-01	3.49E-01
621624	10/22/2024 - 10/29/2024	I-131	<4.82E-02	0.00E+00	4.82E-02
		Cs-134	<3.87E-02	0.00E+00	3.87E-02
		Cs-137	<3.04E-02	0.00E+00	3.04E-02
		Be-7	<2.20E-01	0.00E+00	2.20E-01
		K-40	5.40E-01	2.78E-01	2.79E-01
621973	10/29/2024 - 11/5/2024	I-131	<4.17E-02	0.00E+00	4.17E-02
		Cs-134	<2.88E-02	0.00E+00	2.88E-02
		Cs-137	<3.66E-02	0.00E+00	3.66E-02
		Be-7	<2.27E-01	0.00E+00	2.27E-01
		K-40	8.71E-01	3.51E-01	2.97E-01
622241	11/5/2024 - 11/12/2024	I-131	<3.67E-02	0.00E+00	3.67E-02
		Cs-134	<2.84E-02	0.00E+00	2.84E-02
		Cs-137	<2.94E-02	0.00E+00	2.94E-02
		Be-7	<2.73E-01	0.00E+00	2.73E-01
		K-40	6.99E-01	3.07E-01	2.57E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 202 [INDICATOR - S @ 0.86 miles]

Sample ID:	622598	Sample Dates: 11/12/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.08E-02	0.00E+00	6.08E-02
			Cs-134	<2.32E-02	0.00E+00	2.32E-02
			Cs-137	<2.20E-02	0.00E+00	2.20E-02
			Be-7	<2.23E-01	0.00E+00	2.23E-01
			K-40	<6.48E-01	0.00E+00	6.48E-01
Sample ID:	**622887**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.81E-02	0.00E+00	5.81E-02
			Cs-134	<3.50E-02	0.00E+00	3.50E-02
			Cs-137	<3.13E-02	0.00E+00	3.13E-02
			Be-7	<2.95E-01	0.00E+00	2.95E-01
			K-40	6.44E-01	3.05E-01	2.86E-01
Sample ID:	**623210**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.60E-02	0.00E+00	4.60E-02
			Cs-134	<1.98E-02	0.00E+00	1.98E-02
			Cs-137	<2.19E-02	0.00E+00	2.19E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	1.03E+00	3.50E-01	7.58E-02
Sample ID:	**624043**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.63E-02	0.00E+00	4.63E-02
			Cs-134	<3.32E-02	0.00E+00	3.32E-02
			Cs-137	<3.00E-02	0.00E+00	3.00E-02
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	1.09E+00	3.83E-01	2.66E-01
Sample ID:	**624569**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.86E-02	0.00E+00	4.86E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	7.72E-01	3.03E-01	7.75E-02
Sample ID:	**624785**	**Sample Dates: 12/17/2024 - 12/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.13E-02	0.00E+00	6.13E-02
			Cs-134	<2.10E-02	0.00E+00	2.10E-02
			Cs-137	<2.35E-02	0.00E+00	2.35E-02
			Be-7	<2.18E-01	0.00E+00	2.18E-01
			K-40	6.29E-01	3.03E-01	3.56E-01
Sample ID:	**624999**	**Sample Dates: 12/24/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.28E-02	0.00E+00	6.28E-02
			Cs-134	<2.50E-02	0.00E+00	2.50E-02
			Cs-137	<1.80E-02	0.00E+00	1.80E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	8.62E-01	2.69E-01	5.31E-02

Sample Point 203 [INDICATOR - SSW @ 1.92 miles]

Sample ID:	602928	Sample Dates: 1/2/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.54E-02	0.00E+00	4.54E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.38E-01	0.00E+00	2.38E-01
			K-40	5.89E-01	3.14E-01	3.59E-01
Sample ID:	**603830**	**Sample Dates: 1/9/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.78E-02	0.00E+00	3.78E-02
			Cs-134	<3.20E-02	0.00E+00	3.20E-02
			Cs-137	<3.30E-02	0.00E+00	3.30E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	7.30E-01	3.20E-01	2.93E-01
Sample ID:	**603953**	**Sample Dates: 1/16/2024 - 1/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.96E-02	0.00E+00	3.96E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 203 [INDICATOR - SSW @ 1.92 miles]

Sample ID: 603953 Sample Dates: 1/16/2024 - 1/23/2024

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<3.28E-02	0.00E+00	3.28E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	5.52E-01	2.84E-01	2.85E-01

Sample ID: 604199 Sample Dates: 1/23/2024 - 1/30/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.49E-02	0.00E+00	3.49E-02
Cs-134	<1.62E-02	0.00E+00	1.62E-02
Cs-137	<3.14E-02	0.00E+00	3.14E-02
Be-7	<1.98E-01	0.00E+00	1.98E-01
K-40	8.25E-01	3.67E-01	3.85E-01

Sample ID: 604514 Sample Dates: 1/30/2024 - 2/6/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.57E-02	0.00E+00	3.57E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	<7.62E-01	0.00E+00	7.62E-01

Sample ID: 604786 Sample Dates: 2/6/2024 - 2/13/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.72E-02	0.00E+00	4.72E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<3.10E-02	0.00E+00	3.10E-02
Be-7	<2.56E-01	0.00E+00	2.56E-01
K-40	6.67E-01	3.63E-01	4.57E-01

Sample ID: 605122 Sample Dates: 2/13/2024 - 2/20/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.46E-02	0.00E+00	4.46E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<2.61E-01	0.00E+00	2.61E-01
K-40	6.52E-01	2.77E-01	7.68E-02

Sample ID: 606246 Sample Dates: 2/20/2024 - 2/27/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.33E-02	0.00E+00	3.33E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.56E-01	0.00E+00	2.56E-01
K-40	9.19E-01	3.57E-01	2.94E-01

Sample ID: 607128 Sample Dates: 2/27/2024 - 3/5/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.12E-02	0.00E+00	4.12E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	5.86E-01	3.25E-01	3.93E-01

Sample ID: 607652 Sample Dates: 3/5/2024 - 3/12/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.30E-02	0.00E+00	5.30E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.14E-01	0.00E+00	2.14E-01
K-40	3.31E-01	3.03E-01	4.59E-01

Sample ID: 608898 Sample Dates: 3/12/2024 - 3/19/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.64E-02	0.00E+00	3.64E-02
Cs-134	<3.08E-02	0.00E+00	3.08E-02
Cs-137	<2.24E-02	0.00E+00	2.24E-02
Be-7	<2.07E-01	0.00E+00	2.07E-01
K-40	7.84E-01	3.58E-01	3.83E-01

Sample ID: 609311 Sample Dates: 3/19/2024 - 3/26/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.21E-01	0.00E+00	2.21E-01

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
609311	3/19/2024 - 3/26/2024	K-40	4.56E-01	3.79E-01	5.72E-01
609501	3/26/2024 - 4/2/2024	I-131	<2.84E-02	0.00E+00	2.84E-02
		Cs-134	<1.33E-02	0.00E+00	1.33E-02
		Cs-137	<1.68E-02	0.00E+00	1.68E-02
		Be-7	<1.58E-01	0.00E+00	1.58E-01
		K-40	7.28E-01	2.68E-01	6.37E-02
609924	4/2/2024 - 4/9/2024	I-131	<2.93E-02	0.00E+00	2.93E-02
		Cs-134	<2.06E-02	0.00E+00	2.06E-02
		Cs-137	<1.77E-02	0.00E+00	1.77E-02
		Be-7	<2.02E-01	0.00E+00	2.02E-01
		K-40	9.62E-01	3.66E-01	3.67E-01
610469	4/9/2024 - 4/16/2024	I-131	<3.96E-02	0.00E+00	3.96E-02
		Cs-134	<2.63E-02	0.00E+00	2.63E-02
		Cs-137	<2.97E-02	0.00E+00	2.97E-02
		Be-7	<2.79E-01	0.00E+00	2.79E-01
		K-40	5.03E-01	3.11E-01	3.97E-01
611009	4/16/2024 - 4/23/2024	I-131	<4.87E-02	0.00E+00	4.87E-02
		Cs-134	<3.27E-02	0.00E+00	3.27E-02
		Cs-137	<3.25E-02	0.00E+00	3.25E-02
		Be-7	<2.16E-01	0.00E+00	2.16E-01
		K-40	4.77E-01	2.92E-01	3.60E-01
611180	4/23/2024 - 4/30/2024	I-131	<4.43E-02	0.00E+00	4.43E-02
		Cs-134	<2.58E-02	0.00E+00	2.58E-02
		Cs-137	<2.41E-02	0.00E+00	2.41E-02
		Be-7	<2.04E-01	0.00E+00	2.04E-01
		K-40	<6.50E-01	0.00E+00	6.50E-01
611510	4/30/2024 - 5/7/2024	I-131	<4.96E-02	0.00E+00	4.96E-02
		Cs-134	<3.06E-02	0.00E+00	3.06E-02
		Cs-137	<3.09E-02	0.00E+00	3.09E-02
		Be-7	<2.17E-01	0.00E+00	2.17E-01
		K-40	6.93E-01	3.10E-01	2.75E-01
611765	5/7/2024 - 5/14/2024	I-131	<4.58E-02	0.00E+00	4.58E-02
		Cs-134	<2.81E-02	0.00E+00	2.81E-02
		Cs-137	<3.19E-02	0.00E+00	3.19E-02
		Be-7	<2.52E-01	0.00E+00	2.52E-01
		K-40	9.36E-01	4.07E-01	4.61E-01
612275	5/14/2024 - 5/21/2024	I-131	<4.69E-02	0.00E+00	4.69E-02
		Cs-134	<3.83E-02	0.00E+00	3.83E-02
		Cs-137	<2.02E-02	0.00E+00	2.02E-02
		Be-7	<2.17E-01	0.00E+00	2.17E-01
		K-40	<7.90E-01	0.00E+00	7.90E-01
612544	5/21/2024 - 5/28/2024	I-131	<4.67E-02	0.00E+00	4.67E-02
		Cs-134	<3.26E-02	0.00E+00	3.26E-02
		Cs-137	<3.36E-02	0.00E+00	3.36E-02
		Be-7	<2.32E-01	0.00E+00	2.32E-01
		K-40	1.09E+00	4.32E-01	4.64E-01

Sample ID: 612708 **Sample Dates: 5/28/2024 - 6/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.64E-02	0.00E+00	3.64E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<1.93E-01	0.00E+00	1.93E-01
K-40	7.39E-01	2.96E-01	7.70E-02

Sample ID: 613549 **Sample Dates: 6/4/2024 - 6/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.17E-02	0.00E+00	6.17E-02
Cs-134	<3.30E-02	0.00E+00	3.30E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	7.67E-01	3.74E-01	4.70E-01

Sample ID: 614069 **Sample Dates: 6/11/2024 - 6/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.08E-02	0.00E+00	6.08E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.64E-02	0.00E+00	2.64E-02
Be-7	<2.65E-01	0.00E+00	2.65E-01
K-40	7.55E-01	3.28E-01	2.94E-01

Sample ID: 614306 **Sample Dates: 6/18/2024 - 6/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.66E-02	0.00E+00	4.66E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.42E-01	0.00E+00	2.42E-01
K-40	6.02E-01	2.67E-01	7.76E-02

Sample ID: 614469 **Sample Dates: 6/25/2024 - 7/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.23E-02	0.00E+00	6.23E-02
Cs-134	<2.94E-02	0.00E+00	2.94E-02
Cs-137	<2.58E-02	0.00E+00	2.58E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	7.27E-01	3.35E-01	4.28E-01

Sample ID: 614682 **Sample Dates: 7/2/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.96E-02	0.00E+00	2.96E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<3.73E-02	0.00E+00	3.73E-02
Be-7	<2.67E-01	0.00E+00	2.67E-01
K-40	7.98E-01	3.08E-01	7.72E-02

Sample ID: 615082 **Sample Dates: 7/9/2024 - 7/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.93E-02	0.00E+00	5.93E-02
Cs-134	<2.89E-02	0.00E+00	2.89E-02
Cs-137	<3.29E-02	0.00E+00	3.29E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	5.37E-01	3.19E-01	4.21E-01

Sample ID: 615895 **Sample Dates: 7/16/2024 - 7/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.66E-02	0.00E+00	4.66E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	<3.01E-01	0.00E+00	3.01E-01
K-40	<8.31E-01	0.00E+00	8.31E-01

Sample ID: 616350 **Sample Dates: 7/23/2024 - 7/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.22E-02	0.00E+00	4.22E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<1.48E-01	0.00E+00	1.48E-01
K-40	5.31E-01	3.60E-01	5.04E-01

Sample ID: 616626 **Sample Dates: 7/30/2024 - 8/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.96E-02	0.00E+00	3.96E-02
Cs-134	<3.79E-02	0.00E+00	3.79E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 203 [INDICATOR - SSW @ 1.92 miles]

Sample ID: 616626 **Sample Dates: 7/30/2024 - 8/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<2.06E-01	0.00E+00	2.06E-01
K-40	9.42E-01	3.36E-01	7.74E-02

Sample ID: 617024 **Sample Dates: 8/6/2024 - 8/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	5.79E-01	2.90E-01	2.84E-01

Sample ID: 617510 **Sample Dates: 8/13/2024 - 8/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.13E-02	0.00E+00	4.13E-02
Cs-134	<2.76E-02	0.00E+00	2.76E-02
Cs-137	<2.16E-02	0.00E+00	2.16E-02
Be-7	<2.68E-01	0.00E+00	2.68E-01
K-40	7.92E-01	3.40E-01	3.30E-01

Sample ID: 617995 **Sample Dates: 8/20/2024 - 8/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.41E-02	0.00E+00	4.41E-02
Cs-134	<2.40E-02	0.00E+00	2.40E-02
Cs-137	<3.03E-02	0.00E+00	3.03E-02
Be-7	<2.30E-01	0.00E+00	2.30E-01
K-40	3.60E-01	3.40E-01	5.23E-01

Sample ID: 618184 **Sample Dates: 8/27/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.53E-02	0.00E+00	4.53E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<3.23E-02	0.00E+00	3.23E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	6.87E-01	3.17E-01	3.04E-01

Sample ID: 618413 **Sample Dates: 9/3/2024 - 9/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.82E-02	0.00E+00	4.82E-02
Cs-134	<2.28E-02	0.00E+00	2.28E-02
Cs-137	<3.65E-02	0.00E+00	3.65E-02
Be-7	<2.01E-01	0.00E+00	2.01E-01
K-40	<6.70E-01	0.00E+00	6.70E-01

Sample ID: 619488 **Sample Dates: 9/10/2024 - 9/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.08E-02	0.00E+00	6.08E-02
Cs-134	<3.95E-02	0.00E+00	3.95E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<2.61E-01	0.00E+00	2.61E-01
K-40	9.41E-01	3.36E-01	7.73E-02

Sample ID: 619761 **Sample Dates: 9/17/2024 - 9/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.06E-02	0.00E+00	4.06E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	9.39E-01	3.35E-01	7.71E-02

Sample ID: 620153 **Sample Dates: 9/24/2024 - 10/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.68E-02	0.00E+00	4.68E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<3.06E-02	0.00E+00	3.06E-02
Be-7	<2.03E-01	0.00E+00	2.03E-01
K-40	7.13E-01	3.15E-01	2.84E-01

Sample ID: 620345 **Sample Dates: 10/1/2024 - 10/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.84E-02	0.00E+00	3.84E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.05E-01	0.00E+00	2.05E-01
K-40	5.97E-01	2.65E-01	7.70E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 203 [INDICATOR - SSW @ 1.92 miles]

Sample ID: 620658 **Sample Dates: 10/8/2024 - 10/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.03E-02	0.00E+00	6.03E-02
Cs-134	<2.97E-02	0.00E+00	2.97E-02
Cs-137	<2.40E-02	0.00E+00	2.40E-02
Be-7	<2.51E-01	0.00E+00	2.51E-01
K-40	7.57E-01	3.07E-01	2.77E-01

Sample ID: 621222 **Sample Dates: 10/15/2024 - 10/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.14E-02	0.00E+00	6.14E-02
Cs-134	<1.62E-02	0.00E+00	1.62E-02
Cs-137	<2.02E-02	0.00E+00	2.02E-02
Be-7	<2.91E-01	0.00E+00	2.91E-01
K-40	5.65E-01	2.80E-01	2.52E-01

Sample ID: 621625 **Sample Dates: 10/22/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.17E-02	0.00E+00	4.17E-02
Cs-134	<3.02E-02	0.00E+00	3.02E-02
Cs-137	<2.75E-02	0.00E+00	2.75E-02
Be-7	<2.29E-01	0.00E+00	2.29E-01
K-40	8.44E-01	3.44E-01	3.04E-01

Sample ID: 621974 **Sample Dates: 10/29/2024 - 11/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.38E-02	0.00E+00	4.38E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<3.12E-02	0.00E+00	3.12E-02
Be-7	<2.35E-01	0.00E+00	2.35E-01
K-40	<6.47E-01	0.00E+00	6.47E-01

Sample ID: 622242 **Sample Dates: 11/5/2024 - 11/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.26E-02	0.00E+00	4.26E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<1.99E-02	0.00E+00	1.99E-02
Be-7	<1.83E-01	0.00E+00	1.83E-01
K-40	3.60E-01	2.90E-01	4.16E-01

Sample ID: 622599 **Sample Dates: 11/12/2024 - 11/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.96E-02	0.00E+00	5.96E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<2.14E-01	0.00E+00	2.14E-01
K-40	8.32E-01	3.32E-01	2.58E-01

Sample ID: 622888 **Sample Dates: 11/19/2024 - 11/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.31E-02	0.00E+00	5.31E-02
Cs-134	<3.11E-02	0.00E+00	3.11E-02
Cs-137	<2.98E-02	0.00E+00	2.98E-02
Be-7	<2.08E-01	0.00E+00	2.08E-01
K-40	4.87E-01	2.72E-01	2.90E-01

Sample ID: 623211 **Sample Dates: 11/26/2024 - 12/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.59E-02	0.00E+00	4.59E-02
Cs-134	<2.79E-02	0.00E+00	2.79E-02
Cs-137	<2.73E-02	0.00E+00	2.73E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	1.17E+00	3.73E-01	7.56E-02

Sample ID: 624044 **Sample Dates: 12/3/2024 - 12/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.54E-02	0.00E+00	4.54E-02
Cs-134	<2.06E-02	0.00E+00	2.06E-02
Cs-137	<3.01E-02	0.00E+00	3.01E-02
Be-7	<2.28E-01	0.00E+00	2.28E-01
K-40	4.50E-01	2.60E-01	2.74E-01

Sample ID: 624570 **Sample Dates: 12/10/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.28E-02	0.00E+00	4.28E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<1.75E-02	0.00E+00	1.75E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 203 [INDICATOR - SSW @ 1.92 miles]

Sample ID:	624570	Sample Dates: 12/10/2024 - 12/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	9.44E-01	3.37E-01	7.75E-02
Sample ID:	**624786**	**Sample Dates: 12/17/2024 - 12/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.02E-02	0.00E+00	6.02E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<2.21E-02	0.00E+00	2.21E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	7.35E-01	2.87E-01	3.04E-01
Sample ID:	**625000**	**Sample Dates: 12/24/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.27E-02	0.00E+00	6.27E-02
			Cs-134	<4.11E-02	0.00E+00	4.11E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<1.95E-01	0.00E+00	1.95E-01
			K-40	<7.97E-01	0.00E+00	7.97E-01

Sample Point 204 [CONTROL - N @ 22.6 miles]

Sample ID:	602929	Sample Dates: 1/2/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.96E-02	0.00E+00	3.96E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	6.51E-01	3.50E-01	4.29E-01
Sample ID:	**603831**	**Sample Dates: 1/9/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.42E-02	0.00E+00	4.42E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<3.01E-01	0.00E+00	3.01E-01
			K-40	<6.41E-01	0.00E+00	6.41E-01
Sample ID:	**603954**	**Sample Dates: 1/16/2024 - 1/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.74E-02	0.00E+00	4.74E-02
			Cs-134	<3.97E-02	0.00E+00	3.97E-02
			Cs-137	<2.55E-02	0.00E+00	2.55E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	6.98E-01	3.52E-01	3.99E-01
Sample ID:	**604200**	**Sample Dates: 1/23/2024 - 1/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.50E-02	0.00E+00	3.50E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	6.78E-01	3.31E-01	3.60E-01
Sample ID:	**604515**	**Sample Dates: 1/30/2024 - 2/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<3.62E-02	0.00E+00	3.62E-02
			Cs-137	<3.61E-02	0.00E+00	3.61E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	7.46E-01	3.81E-01	4.69E-01
Sample ID:	**604787**	**Sample Dates: 2/6/2024 - 2/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.49E-02	0.00E+00	4.49E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	6.17E-01	3.19E-01	3.58E-01
Sample ID:	**605123**	**Sample Dates: 2/13/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 204 [CONTROL - N @ 22.6 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
605123	2/13/2024 - 2/20/2024	K-40	9.68E-01	3.41E-01	7.72E-02
606247	2/20/2024 - 2/27/2024	I-131	<3.91E-02	0.00E+00	3.91E-02
		Cs-134	<2.61E-02	0.00E+00	2.61E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	<2.33E-01	0.00E+00	2.33E-01
		K-40	4.84E-01	2.85E-01	3.36E-01
607129	2/27/2024 - 3/5/2024	I-131	<3.55E-02	0.00E+00	3.55E-02
		Cs-134	<2.84E-02	0.00E+00	2.84E-02
		Cs-137	<3.49E-02	0.00E+00	3.49E-02
		Be-7	<2.13E-01	0.00E+00	2.13E-01
		K-40	8.87E-01	3.52E-01	2.97E-01
607653	3/5/2024 - 3/12/2024	I-131	<5.36E-02	0.00E+00	5.36E-02
		Cs-134	<3.26E-02	0.00E+00	3.26E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	7.45E-02	1.06E-01	1.76E-01
		K-40	9.65E-01	4.21E-01	4.87E-01
608899	3/12/2024 - 3/19/2024	I-131	<5.08E-02	0.00E+00	5.08E-02
		Cs-134	<3.94E-02	0.00E+00	3.94E-02
		Cs-137	<3.09E-02	0.00E+00	3.09E-02
		Be-7	<1.96E-01	0.00E+00	1.96E-01
		K-40	7.68E-01	3.34E-01	3.14E-01
609312	3/19/2024 - 3/26/2024	I-131	<3.88E-02	0.00E+00	3.88E-02
		Cs-134	<3.06E-02	0.00E+00	3.06E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	<1.84E-01	0.00E+00	1.84E-01
		K-40	8.26E-01	3.72E-01	4.06E-01
609502	3/26/2024 - 4/2/2024	I-131	<3.39E-02	0.00E+00	3.39E-02
		Cs-134	<2.30E-02	0.00E+00	2.30E-02
		Cs-137	<2.16E-02	0.00E+00	2.16E-02
		Be-7	<1.46E-01	0.00E+00	1.46E-01
		K-40	<5.58E-01	0.00E+00	5.58E-01
609925	4/2/2024 - 4/9/2024	I-131	<3.42E-02	0.00E+00	3.42E-02
		Cs-134	<2.97E-02	0.00E+00	2.97E-02
		Cs-137	<1.73E-02	0.00E+00	1.73E-02
		Be-7	<1.54E-01	0.00E+00	1.54E-01
		K-40	7.26E-01	2.71E-01	6.56E-02
610470	4/9/2024 - 4/16/2024	I-131	<3.46E-02	0.00E+00	3.46E-02
		Cs-134	<2.84E-02	0.00E+00	2.84E-02
		Cs-137	<3.09E-02	0.00E+00	3.09E-02
		Be-7	<2.32E-01	0.00E+00	2.32E-01
		K-40	6.36E-01	3.31E-01	3.83E-01
611010	4/16/2024 - 4/23/2024	I-131	<3.87E-02	0.00E+00	3.87E-02
		Cs-134	<3.26E-02	0.00E+00	3.26E-02
		Cs-137	<3.49E-02	0.00E+00	3.49E-02
		Be-7	<2.40E-01	0.00E+00	2.40E-01
		K-40	4.03E-01	2.98E-01	4.15E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 204 [CONTROL - N @ 22.6 miles]

Sample ID: 611181 **Sample Dates: 4/23/2024 - 4/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.88E-02	0.00E+00	3.88E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	7.12E-01	2.90E-01	7.72E-02

Sample ID: 611511 **Sample Dates: 4/30/2024 - 5/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.48E-02	0.00E+00	4.48E-02
Cs-134	<3.94E-02	0.00E+00	3.94E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.52E-01	0.00E+00	2.52E-01
K-40	9.11E-01	3.30E-01	7.72E-02

Sample ID: 611766 **Sample Dates: 5/7/2024 - 5/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.00E-02	0.00E+00	4.00E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	<6.71E-01	0.00E+00	6.71E-01

Sample ID: 612276 **Sample Dates: 5/14/2024 - 5/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.32E-02	0.00E+00	4.32E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	9.11E-01	3.30E-01	7.72E-02

Sample ID: 612545 **Sample Dates: 5/21/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.34E-02	0.00E+00	4.34E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.70E-01	0.00E+00	2.70E-01
K-40	7.64E-01	3.45E-01	3.54E-01

Sample ID: 612709 **Sample Dates: 5/28/2024 - 6/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.82E-02	0.00E+00	4.82E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	7.98E-01	3.66E-01	4.03E-01

Sample ID: 613550 **Sample Dates: 6/4/2024 - 6/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.30E-02	0.00E+00	6.30E-02
Cs-134	<2.01E-02	0.00E+00	2.01E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	6.08E-01	2.48E-01	6.59E-02

Sample ID: 614070 **Sample Dates: 6/11/2024 - 6/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.23E-02	0.00E+00	6.23E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.59E-02	0.00E+00	2.59E-02
Be-7	<2.20E-01	0.00E+00	2.20E-01
K-40	7.75E-01	3.15E-01	2.62E-01

Sample ID: 614307 **Sample Dates: 6/18/2024 - 6/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.41E-02	0.00E+00	4.41E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	5.39E-01	3.69E-01	5.21E-01

Sample ID: 614470 **Sample Dates: 6/25/2024 - 7/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.91E-02	0.00E+00	5.91E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<1.97E-02	0.00E+00	1.97E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 204 [CONTROL - N @ 22.6 miles]

Sample ID: 614470 **Sample Dates: 6/25/2024 - 7/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<1.89E-01	0.00E+00	1.89E-01
K-40	5.89E-01	2.58E-01	2.92E-01

Sample ID: 614683 **Sample Dates: 7/2/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.59E-02	0.00E+00	4.59E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	5.98E-01	3.08E-01	3.35E-01

Sample ID: 615083 **Sample Dates: 7/9/2024 - 7/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.28E-02	0.00E+00	6.28E-02
Cs-134	<2.19E-02	0.00E+00	2.19E-02
Cs-137	<2.46E-02	0.00E+00	2.46E-02
Be-7	<2.06E-01	0.00E+00	2.06E-01
K-40	5.93E-01	3.24E-01	4.18E-01

Sample ID: 615896 **Sample Dates: 7/16/2024 - 7/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.11E-02	0.00E+00	5.11E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.61E-01	0.00E+00	2.61E-01
K-40	5.92E-01	3.06E-01	3.32E-01

Sample ID: 616351 **Sample Dates: 7/23/2024 - 7/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.08E-02	0.00E+00	5.08E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	5.13E-01	2.91E-01	3.34E-01

Sample ID: 616627 **Sample Dates: 7/30/2024 - 8/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.02E-02	0.00E+00	5.02E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.56E-01	0.00E+00	2.56E-01
K-40	5.70E-01	2.59E-01	7.72E-02

Sample ID: 617025 **Sample Dates: 8/6/2024 - 8/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.62E-02	0.00E+00	4.62E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	<7.91E-01	0.00E+00	7.91E-01

Sample ID: 617511 **Sample Dates: 8/13/2024 - 8/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.09E-02	0.00E+00	5.09E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.69E-01	0.00E+00	2.69E-01
K-40	7.89E-01	3.41E-01	3.26E-01

Sample ID: 617996 **Sample Dates: 8/20/2024 - 8/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.87E-02	0.00E+00	4.87E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<1.86E-01	0.00E+00	1.86E-01
K-40	5.11E-01	2.85E-01	3.18E-01

Sample ID: 618185 **Sample Dates: 8/27/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.98E-02	0.00E+00	3.98E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	9.43E-02	1.24E-01	2.03E-01
K-40	4.22E-01	2.83E-01	3.65E-01

Sample ID: 618414 **Sample Dates: 9/3/2024 - 9/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.74E-02	0.00E+00	4.74E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<3.22E-02	0.00E+00	3.22E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	6.45E-01	3.79E-01	5.07E-01

Sample ID: 619489 **Sample Dates: 9/10/2024 - 9/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.05E-02	0.00E+00	6.05E-02
Cs-134	<1.98E-02	0.00E+00	1.98E-02
Cs-137	<2.36E-02	0.00E+00	2.36E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	4.11E-01	2.44E-01	2.92E-01

Sample ID: 619762 **Sample Dates: 9/17/2024 - 9/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.84E-02	0.00E+00	4.84E-02
Cs-134	<3.01E-02	0.00E+00	3.01E-02
Cs-137	<3.27E-02	0.00E+00	3.27E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	4.63E-01	2.86E-01	3.41E-01

Sample ID: 620154 **Sample Dates: 9/24/2024 - 10/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.82E-02	0.00E+00	4.82E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.48E-01	0.00E+00	2.48E-01
K-40	5.96E-01	3.03E-01	3.20E-01

Sample ID: 620346 **Sample Dates: 10/1/2024 - 10/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.80E-02	0.00E+00	4.80E-02
Cs-134	<3.38E-02	0.00E+00	3.38E-02
Cs-137	<2.57E-02	0.00E+00	2.57E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	7.85E-01	3.33E-01	3.02E-01

Sample ID: 620659 **Sample Dates: 10/8/2024 - 10/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.26E-02	0.00E+00	6.26E-02
Cs-134	<2.44E-02	0.00E+00	2.44E-02
Cs-137	<2.59E-02	0.00E+00	2.59E-02
Be-7	<2.65E-01	0.00E+00	2.65E-01
K-40	8.56E-01	3.31E-01	2.67E-01

Sample ID: 621223 **Sample Dates: 10/15/2024 - 10/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.21E-02	0.00E+00	6.21E-02
Cs-134	<2.08E-02	0.00E+00	2.08E-02
Cs-137	<2.47E-02	0.00E+00	2.47E-02
Be-7	<2.20E-01	0.00E+00	2.20E-01
K-40	4.72E-01	2.39E-01	2.15E-01

Sample ID: 621626 **Sample Dates: 10/22/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.06E-02	0.00E+00	4.06E-02
Cs-134	<2.55E-02	0.00E+00	2.55E-02
Cs-137	<2.37E-02	0.00E+00	2.37E-02
Be-7	<2.19E-01	0.00E+00	2.19E-01
K-40	<6.41E-01	0.00E+00	6.41E-01

Sample ID: 621975 **Sample Dates: 10/29/2024 - 11/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.72E-02	0.00E+00	4.72E-02
Cs-134	<3.19E-02	0.00E+00	3.19E-02
Cs-137	<2.38E-02	0.00E+00	2.38E-02
Be-7	<2.78E-01	0.00E+00	2.78E-01
K-40	7.25E-01	2.90E-01	7.55E-02

Sample ID: 622243 **Sample Dates: 11/5/2024 - 11/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.63E-02	0.00E+00	3.63E-02
Cs-134	<2.98E-02	0.00E+00	2.98E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02

Sample Point 204 [CONTROL - N @ 22.6 miles]

Sample ID:	622243	Sample Dates: 11/5/2024 - 11/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	4.57E-01	3.45E-01	4.96E-01
Sample ID:	**622600**	**Sample Dates: 11/12/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.67E-02	0.00E+00	5.67E-02
			Cs-134	<2.62E-02	0.00E+00	2.62E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.62E-01	0.00E+00	2.62E-01
			K-40	8.55E-01	3.19E-01	7.72E-02
Sample ID:	**622889**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.97E-02	0.00E+00	5.97E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.26E-01	0.00E+00	2.26E-01
			K-40	8.30E-01	3.39E-01	2.85E-01
Sample ID:	**623212**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.77E-02	0.00E+00	4.77E-02
			Cs-134	<3.20E-02	0.00E+00	3.20E-02
			Cs-137	<2.39E-02	0.00E+00	2.39E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	8.40E-01	3.14E-01	7.59E-02
Sample ID:	**624045**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.40E-02	0.00E+00	4.40E-02
			Cs-134	<3.13E-02	0.00E+00	3.13E-02
			Cs-137	<2.67E-02	0.00E+00	2.67E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	9.03E-01	3.32E-01	7.89E-02
Sample ID:	**624571**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.00E-02	0.00E+00	5.00E-02
			Cs-134	<2.02E-02	0.00E+00	2.02E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	<7.54E-01	0.00E+00	7.54E-01
Sample ID:	**624787**	**Sample Dates: 12/17/2024 - 12/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.16E-02	0.00E+00	6.16E-02
			Cs-134	<2.27E-02	0.00E+00	2.27E-02
			Cs-137	<2.08E-02	0.00E+00	2.08E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<5.09E-01	0.00E+00	5.09E-01
Sample ID:	**625001**	**Sample Dates: 12/24/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.05E-02	0.00E+00	6.05E-02
			Cs-134	<3.17E-02	0.00E+00	3.17E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	1.02E+00	3.58E-01	3.41E-01

Sample Point 205 [INDICATOR - SSE @ 0.55 miles]

Sample ID:	602930	Sample Dates: 1/2/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.48E-02	0.00E+00	4.48E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	6.72E-01	3.01E-01	2.52E-01
Sample ID:	**603832**	**Sample Dates: 1/9/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.99E-02	0.00E+00	4.99E-02
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<2.89E-02	0.00E+00	2.89E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
603832	1/9/2024 - 1/16/2024	K-40	4.29E-01	2.62E-01	3.06E-01
603955	1/16/2024 - 1/23/2024	I-131	<4.90E-02	0.00E+00	4.90E-02
		Cs-134	<2.62E-02	0.00E+00	2.62E-02
		Cs-137	<3.25E-02	0.00E+00	3.25E-02
		Be-7	<2.49E-01	0.00E+00	2.49E-01
		K-40	8.31E-01	3.15E-01	7.76E-02
604201	1/23/2024 - 1/30/2024	I-131	<4.93E-02	0.00E+00	4.93E-02
		Cs-134	<3.11E-02	0.00E+00	3.11E-02
		Cs-137	<2.83E-02	0.00E+00	2.83E-02
		Be-7	<2.74E-01	0.00E+00	2.74E-01
		K-40	<7.10E-01	0.00E+00	7.10E-01
604516	1/30/2024 - 2/6/2024	I-131	<4.55E-02	0.00E+00	4.55E-02
		Cs-134	<3.04E-02	0.00E+00	3.04E-02
		Cs-137	<2.77E-02	0.00E+00	2.77E-02
		Be-7	<2.11E-01	0.00E+00	2.11E-01
		K-40	<7.09E-01	0.00E+00	7.09E-01
604788	2/6/2024 - 2/13/2024	I-131	<4.34E-02	0.00E+00	4.34E-02
		Cs-134	<3.07E-02	0.00E+00	3.07E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<2.15E-01	0.00E+00	2.15E-01
		K-40	8.54E-01	4.03E-01	4.82E-01
605124	2/13/2024 - 2/20/2024	I-131	<4.07E-02	0.00E+00	4.07E-02
		Cs-134	<3.43E-02	0.00E+00	3.43E-02
		Cs-137	<3.35E-02	0.00E+00	3.35E-02
		Be-7	<2.05E-01	0.00E+00	2.05E-01
		K-40	6.93E-01	3.39E-01	3.79E-01
606248	2/20/2024 - 2/27/2024	I-131	<3.74E-02	0.00E+00	3.74E-02
		Cs-134	<3.07E-02	0.00E+00	3.07E-02
		Cs-137	<2.43E-02	0.00E+00	2.43E-02
		Be-7	<1.74E-01	0.00E+00	1.74E-01
		K-40	6.56E-01	2.78E-01	7.73E-02
607130	2/27/2024 - 3/5/2024	I-131	<4.74E-02	0.00E+00	4.74E-02
		Cs-134	<3.25E-02	0.00E+00	3.25E-02
		Cs-137	<1.72E-02	0.00E+00	1.72E-02
		Be-7	<2.45E-01	0.00E+00	2.45E-01
		K-40	<7.91E-01	0.00E+00	7.91E-01
607654	3/5/2024 - 3/12/2024	I-131	<4.41E-02	0.00E+00	4.41E-02
		Cs-134	<2.34E-02	0.00E+00	2.34E-02
		Cs-137	<2.78E-02	0.00E+00	2.78E-02
		Be-7	<2.49E-01	0.00E+00	2.49E-01
		K-40	8.57E-01	3.48E-01	3.04E-01
608900	3/12/2024 - 3/19/2024	I-131	<4.65E-02	0.00E+00	4.65E-02
		Cs-134	<2.34E-02	0.00E+00	2.34E-02
		Cs-137	<2.44E-02	0.00E+00	2.44E-02
		Be-7	<2.57E-01	0.00E+00	2.57E-01
		K-40	7.97E-01	3.42E-01	3.21E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 205 [INDICATOR - SSE @ 0.55 miles]

Sample ID: 609313 Sample Dates: 3/19/2024 - 3/26/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.03E-02	0.00E+00	4.03E-02
Cs-134	<3.78E-02	0.00E+00	3.78E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<3.00E-01	0.00E+00	3.00E-01
K-40	8.26E-01	3.71E-01	4.04E-01

Sample ID: 609503 Sample Dates: 3/26/2024 - 4/2/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.24E-02	0.00E+00	3.24E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<1.74E-02	0.00E+00	1.74E-02
Be-7	<1.89E-01	0.00E+00	1.89E-01
K-40	7.78E-01	3.44E-01	3.93E-01

Sample ID: 609926 Sample Dates: 4/2/2024 - 4/9/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.70E-02	0.00E+00	2.70E-02
Cs-134	<2.45E-02	0.00E+00	2.45E-02
Cs-137	<1.93E-02	0.00E+00	1.93E-02
Be-7	<1.62E-01	0.00E+00	1.62E-01
K-40	<5.61E-01	0.00E+00	5.61E-01

Sample ID: 610471 Sample Dates: 4/9/2024 - 4/16/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.00E-02	0.00E+00	4.00E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.98E-02	0.00E+00	2.98E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	6.50E-01	3.61E-01	4.56E-01

Sample ID: 611011 Sample Dates: 4/16/2024 - 4/23/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.59E-02	0.00E+00	3.59E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.70E-01	0.00E+00	2.70E-01
K-40	5.75E-01	3.89E-01	5.53E-01

Sample ID: 611182 Sample Dates: 4/23/2024 - 4/30/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.05E-02	0.00E+00	4.05E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	6.70E-01	3.56E-01	4.36E-01

Sample ID: 611512 Sample Dates: 4/30/2024 - 5/7/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.27E-02	0.00E+00	4.27E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.21E-02	0.00E+00	2.21E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	6.23E-01	2.70E-01	7.67E-02

Sample ID: 611767 Sample Dates: 5/7/2024 - 5/14/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.87E-02	0.00E+00	3.87E-02
Cs-134	<4.03E-02	0.00E+00	4.03E-02
Cs-137	<2.40E-02	0.00E+00	2.40E-02
Be-7	<2.59E-01	0.00E+00	2.59E-01
K-40	8.46E-01	3.43E-01	2.96E-01

Sample ID: 612277 Sample Dates: 5/14/2024 - 5/21/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.88E-02	0.00E+00	3.88E-02
Cs-134	<1.63E-02	0.00E+00	1.63E-02
Cs-137	<2.27E-02	0.00E+00	2.27E-02
Be-7	<2.19E-01	0.00E+00	2.19E-01
K-40	<6.53E-01	0.00E+00	6.53E-01

Sample ID: 612546 Sample Dates: 5/21/2024 - 5/28/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.47E-02	0.00E+00	5.47E-02
Cs-134	<2.01E-02	0.00E+00	2.01E-02
Cs-137	<1.72E-02	0.00E+00	1.72E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 205 [INDICATOR - SSE @ 0.55 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
612546	5/21/2024 - 5/28/2024	Be-7	<2.15E-01	0.00E+00	2.15E-01
		K-40	<7.92E-01	0.00E+00	7.92E-01
612710	5/28/2024 - 6/4/2024	I-131	<3.95E-02	0.00E+00	3.95E-02
		Cs-134	<2.32E-02	0.00E+00	2.32E-02
		Cs-137	<3.34E-02	0.00E+00	3.34E-02
		Be-7	<2.11E-01	0.00E+00	2.11E-01
		K-40	4.15E-01	3.39E-01	5.02E-01
613551	6/4/2024 - 6/11/2024	I-131	<6.23E-02	0.00E+00	6.23E-02
		Cs-134	<2.81E-02	0.00E+00	2.81E-02
		Cs-137	<2.89E-02	0.00E+00	2.89E-02
		Be-7	<2.44E-01	0.00E+00	2.44E-01
		K-40	8.40E-01	3.69E-01	3.96E-01
614071	6/11/2024 - 6/18/2024	I-131	<5.09E-02	0.00E+00	5.09E-02
		Cs-134	<3.67E-02	0.00E+00	3.67E-02
		Cs-137	<3.12E-02	0.00E+00	3.12E-02
		Be-7	<2.89E-01	0.00E+00	2.89E-01
		K-40	6.33E-01	3.17E-01	3.38E-01
614308	6/18/2024 - 6/25/2024	I-131	<4.85E-02	0.00E+00	4.85E-02
		Cs-134	<2.83E-02	0.00E+00	2.83E-02
		Cs-137	<2.93E-02	0.00E+00	2.93E-02
		Be-7	<2.62E-01	0.00E+00	2.62E-01
		K-40	7.94E-01	3.38E-01	3.10E-01
614471	6/25/2024 - 7/2/2024	I-131	<5.56E-02	0.00E+00	5.56E-02
		Cs-134	<2.86E-02	0.00E+00	2.86E-02
		Cs-137	<2.43E-02	0.00E+00	2.43E-02
		Be-7	<1.98E-01	0.00E+00	1.98E-01
		K-40	8.73E-01	3.87E-01	4.28E-01
614684	7/2/2024 - 7/9/2024	I-131	<4.00E-02	0.00E+00	4.00E-02
		Cs-134	<3.06E-02	0.00E+00	3.06E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	<2.45E-01	0.00E+00	2.45E-01
		K-40	<6.40E-01	0.00E+00	6.40E-01
615084	7/9/2024 - 7/16/2024	I-131	<6.24E-02	0.00E+00	6.24E-02
		Cs-134	<3.22E-02	0.00E+00	3.22E-02
		Cs-137	<2.27E-02	0.00E+00	2.27E-02
		Be-7	<2.27E-01	0.00E+00	2.27E-01
		K-40	9.47E-01	3.30E-01	2.68E-01
615897	7/16/2024 - 7/23/2024	I-131	<4.71E-02	0.00E+00	4.71E-02
		Cs-134	<2.88E-02	0.00E+00	2.88E-02
		Cs-137	<3.13E-02	0.00E+00	3.13E-02
		Be-7	<2.22E-01	0.00E+00	2.22E-01
		K-40	8.18E-01	3.91E-01	4.62E-01
616352	7/23/2024 - 7/30/2024	I-131	<4.02E-02	0.00E+00	4.02E-02
		Cs-134	<3.78E-02	0.00E+00	3.78E-02
		Cs-137	<3.09E-02	0.00E+00	3.09E-02
		Be-7	<2.15E-01	0.00E+00	2.15E-01
		K-40	<7.27E-01	0.00E+00	7.27E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 205 [INDICATOR - SSE @ 0.55 miles]

Sample ID: 616628 Sample Dates: 7/30/2024 - 8/6/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.80E-02	0.00E+00	4.80E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	5.33E-01	3.03E-01	3.58E-01

Sample ID: 617026 Sample Dates: 8/6/2024 - 8/13/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.39E-02	0.00E+00	4.39E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	5.99E-01	2.66E-01	7.73E-02

Sample ID: 617512 Sample Dates: 8/13/2024 - 8/20/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.00E-02	0.00E+00	5.00E-02
Cs-134	<2.98E-02	0.00E+00	2.98E-02
Cs-137	<2.37E-02	0.00E+00	2.37E-02
Be-7	<2.26E-01	0.00E+00	2.26E-01
K-40	<5.76E-01	0.00E+00	5.76E-01

Sample ID: 617997 Sample Dates: 8/20/2024 - 8/27/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.54E-02	0.00E+00	5.54E-02
Cs-134	<3.86E-02	0.00E+00	3.86E-02
Cs-137	<3.44E-02	0.00E+00	3.44E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	<6.86E-01	0.00E+00	6.86E-01

Sample ID: 618186 Sample Dates: 8/27/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.90E-02	0.00E+00	3.90E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.04E-01	0.00E+00	2.04E-01
K-40	9.64E-01	3.68E-01	3.13E-01

Sample ID: 618415 Sample Dates: 9/3/2024 - 9/10/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.46E-02	0.00E+00	4.46E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<2.04E-01	0.00E+00	2.04E-01
K-40	5.75E-01	3.21E-01	3.89E-01

Sample ID: 619490 Sample Dates: 9/10/2024 - 9/17/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.23E-02	0.00E+00	6.23E-02
Cs-134	<3.11E-02	0.00E+00	3.11E-02
Cs-137	<2.00E-02	0.00E+00	2.00E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	9.07E-01	3.31E-01	2.46E-01

Sample ID: 619763 Sample Dates: 9/17/2024 - 9/24/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.97E-02	0.00E+00	3.97E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<3.36E-02	0.00E+00	3.36E-02
Be-7	<2.63E-01	0.00E+00	2.63E-01
K-40	9.12E-01	3.30E-01	7.72E-02

Sample ID: 620155 Sample Dates: 9/24/2024 - 10/1/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.88E-02	0.00E+00	4.88E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.06E-01	0.00E+00	2.06E-01
K-40	6.32E-01	3.42E-01	4.17E-01

Sample ID: 620347 Sample Dates: 10/1/2024 - 10/8/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.21E-02	0.00E+00	4.21E-02
Cs-134	<2.00E-02	0.00E+00	2.00E-02
Cs-137	<3.20E-02	0.00E+00	3.20E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 205 [INDICATOR - SSE @ 0.55 miles]

Sample ID: 620347 **Sample Dates: 10/1/2024 - 10/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<2.22E-01	0.00E+00	2.22E-01
K-40	8.19E-01	3.11E-01	7.65E-02

Sample ID: 620660 **Sample Dates: 10/8/2024 - 10/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.14E-02	0.00E+00	6.14E-02
Cs-134	<2.36E-02	0.00E+00	2.36E-02
Cs-137	<2.66E-02	0.00E+00	2.66E-02
Be-7	<3.00E-01	0.00E+00	3.00E-01
K-40	9.26E-01	3.17E-01	6.97E-02

Sample ID: 621224 **Sample Dates: 10/15/2024 - 10/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.27E-02	0.00E+00	6.27E-02
Cs-134	<2.53E-02	0.00E+00	2.53E-02
Cs-137	<2.08E-02	0.00E+00	2.08E-02
Be-7	<1.85E-01	0.00E+00	1.85E-01
K-40	7.64E-01	2.51E-01	1.88E-01

Sample ID: 621627 **Sample Dates: 10/22/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.46E-02	0.00E+00	4.46E-02
Cs-134	<2.29E-02	0.00E+00	2.29E-02
Cs-137	<2.88E-02	0.00E+00	2.88E-02
Be-7	<2.43E-01	0.00E+00	2.43E-01
K-40	8.93E-01	3.77E-01	3.95E-01

Sample ID: 621976 **Sample Dates: 10/29/2024 - 11/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.83E-02	0.00E+00	4.83E-02
Cs-134	<2.65E-02	0.00E+00	2.65E-02
Cs-137	<3.14E-02	0.00E+00	3.14E-02
Be-7	<2.75E-01	0.00E+00	2.75E-01
K-40	5.82E-01	3.42E-01	4.38E-01

Sample ID: 622244 **Sample Dates: 11/5/2024 - 11/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.54E-02	0.00E+00	4.54E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<1.72E-02	0.00E+00	1.72E-02
Be-7	<2.21E-01	0.00E+00	2.21E-01
K-40	7.74E-01	3.84E-01	4.67E-01

Sample ID: 622601 **Sample Dates: 11/12/2024 - 11/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.22E-02	0.00E+00	6.22E-02
Cs-134	<3.14E-02	0.00E+00	3.14E-02
Cs-137	<2.83E-02	0.00E+00	2.83E-02
Be-7	<2.43E-01	0.00E+00	2.43E-01
K-40	5.69E-01	3.51E-01	4.74E-01

Sample ID: 622890 **Sample Dates: 11/19/2024 - 11/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.69E-02	0.00E+00	5.69E-02
Cs-134	<3.12E-02	0.00E+00	3.12E-02
Cs-137	<2.47E-02	0.00E+00	2.47E-02
Be-7	<1.98E-01	0.00E+00	1.98E-01
K-40	6.47E-01	3.17E-01	3.28E-01

Sample ID: 623213 **Sample Dates: 11/26/2024 - 12/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.26E-02	0.00E+00	4.26E-02
Cs-134	<2.57E-02	0.00E+00	2.57E-02
Cs-137	<2.40E-02	0.00E+00	2.40E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	<6.76E-01	0.00E+00	6.76E-01

Sample ID: 624046 **Sample Dates: 12/3/2024 - 12/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.54E-02	0.00E+00	4.54E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.03E-02	0.00E+00	2.03E-02
Be-7	<2.74E-01	0.00E+00	2.74E-01
K-40	<8.28E-01	0.00E+00	8.28E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 205 [INDICATOR - SSE @ 0.55 miles]

Sample ID: 624572 **Sample Dates: 12/10/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.60E-02	0.00E+00	4.60E-02
Cs-134	<3.46E-02	0.00E+00	3.46E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<1.96E-01	0.00E+00	1.96E-01
K-40	7.14E-01	3.25E-01	3.15E-01

Sample ID: 624788 **Sample Dates: 12/17/2024 - 12/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.26E-02	0.00E+00	6.26E-02
Cs-134	<1.94E-02	0.00E+00	1.94E-02
Cs-137	<3.61E-02	0.00E+00	3.61E-02
Be-7	<1.90E-01	0.00E+00	1.90E-01
K-40	7.34E-01	3.54E-01	4.42E-01

Sample ID: 625002 **Sample Dates: 12/24/2024 - 12/31/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.85E-02	0.00E+00	5.85E-02
Cs-134	<2.01E-02	0.00E+00	2.01E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.54E-01	0.00E+00	2.54E-01
K-40	5.41E-01	3.24E-01	4.14E-01

Sample Point 206 [CONTROL - NW @ 11.3 miles]

Sample ID: 602931 **Sample Dates: 1/2/2024 - 1/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.79E-02	0.00E+00	4.79E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<2.00E-02	0.00E+00	2.00E-02
Be-7	<2.54E-01	0.00E+00	2.54E-01
K-40	1.14E+00	3.72E-01	7.72E-02

Sample ID: 603833 **Sample Dates: 1/9/2024 - 1/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.03E-02	0.00E+00	4.03E-02
Cs-134	<3.11E-02	0.00E+00	3.11E-02
Cs-137	<1.30E-02	0.00E+00	1.30E-02
Be-7	<2.05E-01	0.00E+00	2.05E-01
K-40	6.97E-01	3.37E-01	3.82E-01

Sample ID: 603956 **Sample Dates: 1/16/2024 - 1/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.54E-02	0.00E+00	4.54E-02
Cs-134	<2.99E-02	0.00E+00	2.99E-02
Cs-137	<2.10E-02	0.00E+00	2.10E-02
Be-7	<2.91E-01	0.00E+00	2.91E-01
K-40	8.98E-01	3.36E-01	8.11E-02

Sample ID: 604202 **Sample Dates: 1/23/2024 - 1/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.01E-02	0.00E+00	4.01E-02
Cs-134	<2.01E-02	0.00E+00	2.01E-02
Cs-137	<3.49E-02	0.00E+00	3.49E-02
Be-7	<2.56E-01	0.00E+00	2.56E-01
K-40	7.98E-01	3.08E-01	7.72E-02

Sample ID: 604517 **Sample Dates: 1/30/2024 - 2/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.77E-02	0.00E+00	3.77E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.88E-01	0.00E+00	2.88E-01
K-40	7.70E-01	3.34E-01	3.09E-01

Sample ID: 604789 **Sample Dates: 2/6/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.47E-02	0.00E+00	4.47E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	6.99E-01	3.33E-01	3.56E-01

Sample ID: 605125 **Sample Dates: 2/13/2024 - 2/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.49E-02	0.00E+00	4.49E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 206 [CONTROL - NW @ 11.3 miles]

Sample ID:	605125	Sample Dates: 2/13/2024 - 2/20/2024				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			Cs-134	<3.64E-02	0.00E+00	3.64E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	7.73E-01	3.35E-01	3.10E-01
Sample ID:	**606249**	**Sample Dates: 2/20/2024 - 2/27/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.68E-02	0.00E+00	4.68E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<3.49E-02	0.00E+00	3.49E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	9.11E-01	3.30E-01	7.72E-02
Sample ID:	**607131**	**Sample Dates: 2/27/2024 - 3/5/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	5.77E-01	2.90E-01	2.87E-01
Sample ID:	**607655**	**Sample Dates: 3/5/2024 - 3/12/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.37E-02	0.00E+00	4.37E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.91E-01	0.00E+00	2.91E-01
			K-40	1.15E+00	4.18E-01	3.91E-01
Sample ID:	**608901**	**Sample Dates: 3/12/2024 - 3/19/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.46E-02	0.00E+00	4.46E-02
			Cs-134	<1.56E-02	0.00E+00	1.56E-02
			Cs-137	<2.87E-02	0.00E+00	2.87E-02
			Be-7	<2.01E-01	0.00E+00	2.01E-01
			K-40	5.87E-01	2.90E-01	2.88E-01
Sample ID:	**609314**	**Sample Dates: 3/19/2024 - 3/26/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.85E-02	0.00E+00	3.85E-02
			Cs-134	<2.92E-02	0.00E+00	2.92E-02
			Cs-137	<2.69E-02	0.00E+00	2.69E-02
			Be-7	<2.68E-01	0.00E+00	2.68E-01
			K-40	8.07E-01	3.33E-01	2.61E-01
Sample ID:	**609504**	**Sample Dates: 3/26/2024 - 4/2/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.50E-02	0.00E+00	2.50E-02
			Cs-134	<1.86E-02	0.00E+00	1.86E-02
			Cs-137	<1.27E-02	0.00E+00	1.27E-02
			Be-7	<1.38E-01	0.00E+00	1.38E-01
			K-40	<6.03E-01	0.00E+00	6.03E-01
Sample ID:	**609927**	**Sample Dates: 4/2/2024 - 4/9/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.19E-02	0.00E+00	3.19E-02
			Cs-134	<2.17E-02	0.00E+00	2.17E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	<4.84E-01	0.00E+00	4.84E-01
Sample ID:	**610472**	**Sample Dates: 4/9/2024 - 4/16/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.10E-02	0.00E+00	5.10E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<3.20E-01	0.00E+00	3.20E-01
			K-40	8.53E-01	3.19E-01	7.71E-02
Sample ID:	**611012**	**Sample Dates: 4/16/2024 - 4/23/2024**				
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.28E-02	0.00E+00	4.28E-02
			Cs-134	<3.23E-02	0.00E+00	3.23E-02
			Cs-137	<2.92E-02	0.00E+00	2.92E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 206 [CONTROL - NW @ 11.3 miles]

Sample ID:	611012	Sample Dates: 4/16/2024 - 4/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	<6.66E-01	0.00E+00	6.66E-01
Sample ID:	**611183**	**Sample Dates: 4/23/2024 - 4/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.47E-02	0.00E+00	5.47E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.79E-01	0.00E+00	2.79E-01
			K-40	4.49E-01	2.98E-01	3.90E-01
Sample ID:	**611513**	**Sample Dates: 4/30/2024 - 5/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.96E-02	0.00E+00	4.96E-02
			Cs-134	<3.95E-02	0.00E+00	3.95E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	5.94E-01	3.65E-01	4.92E-01
Sample ID:	**611768**	**Sample Dates: 5/7/2024 - 5/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.44E-02	0.00E+00	4.44E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<3.22E-02	0.00E+00	3.22E-02
			Be-7	<2.90E-01	0.00E+00	2.90E-01
			K-40	7.15E-01	3.19E-01	2.95E-01
Sample ID:	**612278**	**Sample Dates: 5/14/2024 - 5/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.64E-01	0.00E+00	2.64E-01
			K-40	7.43E-01	3.90E-01	4.94E-01
Sample ID:	**612547**	**Sample Dates: 5/21/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.45E-02	0.00E+00	4.45E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<1.99E-02	0.00E+00	1.99E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	8.28E-01	3.42E-01	3.01E-01
Sample ID:	**612711**	**Sample Dates: 5/28/2024 - 6/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.73E-02	0.00E+00	3.73E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	8.33E-01	3.41E-01	2.90E-01
Sample ID:	**613552**	**Sample Dates: 6/4/2024 - 6/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.68E-02	0.00E+00	5.68E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	7.72E-01	3.30E-01	2.96E-01
Sample ID:	**614072**	**Sample Dates: 6/11/2024 - 6/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.11E-02	0.00E+00	5.11E-02
			Cs-134	<2.62E-02	0.00E+00	2.62E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	8.15E-01	3.60E-01	3.75E-01
Sample ID:	**614309**	**Sample Dates: 6/18/2024 - 6/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.70E-02	0.00E+00	3.70E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	7.12E-01	2.90E-01	7.72E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 206 [CONTROL - NW @ 11.3 miles]

Sample ID: 614472 **Sample Dates: 6/25/2024 - 7/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.20E-02	0.00E+00	6.20E-02
Cs-134	<2.64E-02	0.00E+00	2.64E-02
Cs-137	<2.72E-02	0.00E+00	2.72E-02
Be-7	<2.67E-01	0.00E+00	2.67E-01
K-40	<7.31E-01	0.00E+00	7.31E-01

Sample ID: 614685 **Sample Dates: 7/2/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.94E-02	0.00E+00	3.94E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	5.79E-01	3.29E-01	4.07E-01

Sample ID: 615085 **Sample Dates: 7/9/2024 - 7/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.23E-02	0.00E+00	6.23E-02
Cs-134	<2.50E-02	0.00E+00	2.50E-02
Cs-137	<2.51E-02	0.00E+00	2.51E-02
Be-7	<2.21E-01	0.00E+00	2.21E-01
K-40	7.18E-01	3.09E-01	3.27E-01

Sample ID: 615898 **Sample Dates: 7/16/2024 - 7/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.37E-02	0.00E+00	4.37E-02
Cs-134	<3.61E-02	0.00E+00	3.61E-02
Cs-137	<3.36E-02	0.00E+00	3.36E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	7.69E-01	3.02E-01	7.72E-02

Sample ID: 616353 **Sample Dates: 7/23/2024 - 7/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.52E-02	0.00E+00	4.52E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	7.22E-01	3.47E-01	3.84E-01

Sample ID: 616629 **Sample Dates: 7/30/2024 - 8/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.46E-02	0.00E+00	4.46E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	6.84E-01	2.84E-01	7.72E-02

Sample ID: 617027 **Sample Dates: 8/6/2024 - 8/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.74E-02	0.00E+00	4.74E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	7.41E-01	2.96E-01	7.72E-02

Sample ID: 617513 **Sample Dates: 8/13/2024 - 8/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.28E-02	0.00E+00	4.28E-02
Cs-134	<2.91E-02	0.00E+00	2.91E-02
Cs-137	<2.31E-02	0.00E+00	2.31E-02
Be-7	<2.29E-01	0.00E+00	2.29E-01
K-40	4.06E-01	2.99E-01	4.20E-01

Sample ID: 617998 **Sample Dates: 8/20/2024 - 8/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.78E-02	0.00E+00	4.78E-02
Cs-134	<3.98E-02	0.00E+00	3.98E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	<7.52E-01	0.00E+00	7.52E-01

Sample ID: 618187 **Sample Dates: 8/27/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.80E-02	0.00E+00	4.80E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 206 [CONTROL - NW @ 11.3 miles]

Sample ID:	618187	Sample Dates: 8/27/2024 - 9/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.70E-01	0.00E+00	2.70E-01
			K-40	8.27E-01	3.14E-01	7.73E-02
Sample ID:	**618416**	**Sample Dates: 9/3/2024 - 9/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.35E-02	0.00E+00	4.35E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	6.09E-01	3.06E-01	3.22E-01
Sample ID:	**619491**	**Sample Dates: 9/10/2024 - 9/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.46E-02	0.00E+00	5.46E-02
			Cs-134	<3.13E-02	0.00E+00	3.13E-02
			Cs-137	<2.67E-02	0.00E+00	2.67E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	4.93E-01	3.07E-01	4.00E-01
Sample ID:	**619764**	**Sample Dates: 9/17/2024 - 9/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.51E-02	0.00E+00	4.51E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<2.74E-02	0.00E+00	2.74E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	7.72E-01	3.57E-01	3.73E-01
Sample ID:	**620156**	**Sample Dates: 9/24/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.22E-02	0.00E+00	4.22E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.70E-01	0.00E+00	2.70E-01
			K-40	5.74E-01	3.86E-01	5.48E-01
Sample ID:	**620348**	**Sample Dates: 10/1/2024 - 10/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<5.88E-03	0.00E+00	5.88E-03
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.57E-01	0.00E+00	2.57E-01
			K-40	7.33E-01	3.68E-01	4.41E-01
Sample ID:	**620661**	**Sample Dates: 10/8/2024 - 10/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.68E-02	0.00E+00	5.68E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.34E-02	0.00E+00	3.34E-02
			Be-7	<2.83E-01	0.00E+00	2.83E-01
			K-40	9.19E-01	3.99E-01	4.46E-01
Sample ID:	**621225**	**Sample Dates: 10/15/2024 - 10/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.01E-02	0.00E+00	6.01E-02
			Cs-134	<2.57E-02	0.00E+00	2.57E-02
			Cs-137	<2.70E-02	0.00E+00	2.70E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	6.44E-01	2.53E-01	6.46E-02
Sample ID:	**621628**	**Sample Dates: 10/22/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<3.18E-02	0.00E+00	3.18E-02
			Cs-137	<3.02E-02	0.00E+00	3.02E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	7.86E-01	3.26E-01	2.78E-01
Sample ID:	**621977**	**Sample Dates: 10/29/2024 - 11/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.72E-02	0.00E+00	4.72E-02
			Cs-134	<3.14E-02	0.00E+00	3.14E-02
			Cs-137	<2.68E-02	0.00E+00	2.68E-02
			Be-7	<2.63E-01	0.00E+00	2.63E-01
			K-40	7.69E-01	3.59E-01	3.89E-01

Sample Point 206 [CONTROL - NW @ 11.3 miles]

Sample ID:	622245	Sample Dates: 11/5/2024 - 11/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	5.13E-01	3.32E-01	4.47E-01
Sample ID:	**622602**	**Sample Dates: 11/12/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.88E-02	0.00E+00	5.88E-02
			Cs-134	<2.70E-02	0.00E+00	2.70E-02
			Cs-137	<2.20E-02	0.00E+00	2.20E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	1.03E+00	3.00E-01	5.49E-02
Sample ID:	**622891**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.15E-02	0.00E+00	6.15E-02
			Cs-134	<2.02E-02	0.00E+00	2.02E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	7.68E-01	3.02E-01	7.71E-02
Sample ID:	**623214**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.54E-02	0.00E+00	4.54E-02
			Cs-134	<3.23E-02	0.00E+00	3.23E-02
			Cs-137	<3.58E-02	0.00E+00	3.58E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	<6.50E-01	0.00E+00	6.50E-01
Sample ID:	**624047**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.69E-02	0.00E+00	4.69E-02
			Cs-134	<3.31E-02	0.00E+00	3.31E-02
			Cs-137	<3.13E-02	0.00E+00	3.13E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	7.17E-01	3.88E-01	4.97E-01
Sample ID:	**624573**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<3.78E-02	0.00E+00	3.78E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	8.35E-01	3.65E-01	3.80E-01
Sample ID:	**624789**	**Sample Dates: 12/17/2024 - 12/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.01E-02	0.00E+00	6.01E-02
			Cs-134	<2.26E-02	0.00E+00	2.26E-02
			Cs-137	<1.92E-02	0.00E+00	1.92E-02
			Be-7	<1.89E-01	0.00E+00	1.89E-01
			K-40	8.15E-01	3.07E-01	3.18E-01
Sample ID:	**625003**	**Sample Dates: 12/24/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.84E-02	0.00E+00	5.84E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.82E-02	0.00E+00	2.82E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	<8.49E-01	0.00E+00	8.49E-01

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID:	602932	Sample Dates: 1/2/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.12E-02	0.00E+00	4.12E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	<7.14E-01	0.00E+00	7.14E-01
Sample ID:	**603834**	**Sample Dates: 1/9/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.89E-02	0.00E+00	4.89E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID: 603834 **Sample Dates: 1/9/2024 - 1/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	8.48E-01	3.17E-01	7.66E-02

Sample ID: 603957 **Sample Dates: 1/16/2024 - 1/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.53E-02	0.00E+00	4.53E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<3.10E-02	0.00E+00	3.10E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	1.14E+00	3.72E-01	7.73E-02

Sample ID: 604203 **Sample Dates: 1/23/2024 - 1/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.32E-02	0.00E+00	4.32E-02
Cs-134	<3.64E-02	0.00E+00	3.64E-02
Cs-137	<2.96E-02	0.00E+00	2.96E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	3.64E-01	3.15E-01	4.70E-01

Sample ID: 604518 **Sample Dates: 1/30/2024 - 2/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.60E-02	0.00E+00	3.60E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<1.99E-02	0.00E+00	1.99E-02
Be-7	<2.02E-01	0.00E+00	2.02E-01
K-40	7.15E-01	3.17E-01	2.89E-01

Sample ID: 604790 **Sample Dates: 2/6/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.93E-02	0.00E+00	4.93E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<1.96E-01	0.00E+00	1.96E-01
K-40	5.60E-01	2.78E-01	2.53E-01

Sample ID: 605126 **Sample Dates: 2/13/2024 - 2/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.42E-02	0.00E+00	4.42E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.63E-01	0.00E+00	2.63E-01
K-40	1.05E+00	3.57E-01	7.73E-02

Sample ID: 606250 **Sample Dates: 2/20/2024 - 2/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.78E-02	0.00E+00	4.78E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<2.39E-01	0.00E+00	2.39E-01
K-40	6.24E-01	3.68E-01	4.87E-01

Sample ID: 607132 **Sample Dates: 2/27/2024 - 3/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.42E-02	0.00E+00	4.42E-02
Cs-134	<1.60E-02	0.00E+00	1.60E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	7.45E-01	3.27E-01	3.03E-01

Sample ID: 607656 **Sample Dates: 3/5/2024 - 3/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.92E-02	0.00E+00	4.92E-02
Cs-134	<3.62E-02	0.00E+00	3.62E-02
Cs-137	<3.49E-02	0.00E+00	3.49E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	9.66E-01	3.70E-01	3.15E-01

Sample ID: 608902 **Sample Dates: 3/12/2024 - 3/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.87E-02	0.00E+00	3.87E-02
Cs-134	<3.05E-02	0.00E+00	3.05E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<2.48E-01	0.00E+00	2.48E-01

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
608902	3/12/2024 - 3/19/2024	K-40	6.02E-01	2.96E-01	2.91E-01
609315	3/19/2024 - 3/26/2024	I-131	<4.04E-02	0.00E+00	4.04E-02
		Cs-134	<2.61E-02	0.00E+00	2.61E-02
		Cs-137	<2.95E-02	0.00E+00	2.95E-02
		Be-7	<2.54E-01	0.00E+00	2.54E-01
		K-40	6.68E-01	3.07E-01	2.78E-01
609505	3/26/2024 - 4/2/2024	I-131	<3.55E-02	0.00E+00	3.55E-02
		Cs-134	<2.52E-02	0.00E+00	2.52E-02
		Cs-137	<1.78E-02	0.00E+00	1.78E-02
		Be-7	<2.24E-01	0.00E+00	2.24E-01
		K-40	<5.84E-01	0.00E+00	5.84E-01
609928	4/2/2024 - 4/9/2024	I-131	<3.68E-02	0.00E+00	3.68E-02
		Cs-134	<2.72E-02	0.00E+00	2.72E-02
		Cs-137	<1.79E-02	0.00E+00	1.79E-02
		Be-7	<1.87E-01	0.00E+00	1.87E-01
		K-40	6.65E-01	3.47E-01	4.42E-01
610473	4/9/2024 - 4/16/2024	I-131	<4.50E-02	0.00E+00	4.50E-02
		Cs-134	<3.06E-02	0.00E+00	3.06E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	<2.77E-01	0.00E+00	2.77E-01
		K-40	6.64E-01	3.65E-01	4.62E-01
611013	4/16/2024 - 4/23/2024	I-131	<4.24E-02	0.00E+00	4.24E-02
		Cs-134	<2.88E-02	0.00E+00	2.88E-02
		Cs-137	<2.25E-02	0.00E+00	2.25E-02
		Be-7	<2.26E-01	0.00E+00	2.26E-01
		K-40	1.01E+00	4.26E-01	4.78E-01
611184	4/23/2024 - 4/30/2024	I-131	<4.53E-02	0.00E+00	4.53E-02
		Cs-134	<3.01E-02	0.00E+00	3.01E-02
		Cs-137	<3.18E-02	0.00E+00	3.18E-02
		Be-7	<2.44E-01	0.00E+00	2.44E-01
		K-40	7.25E-01	3.57E-01	4.16E-01
611514	4/30/2024 - 5/7/2024	I-131	<3.79E-02	0.00E+00	3.79E-02
		Cs-134	<3.63E-02	0.00E+00	3.63E-02
		Cs-137	<2.44E-02	0.00E+00	2.44E-02
		Be-7	<2.27E-01	0.00E+00	2.27E-01
		K-40	8.27E-01	3.47E-01	3.19E-01
611769	5/7/2024 - 5/14/2024	I-131	<4.93E-02	0.00E+00	4.93E-02
		Cs-134	<2.59E-02	0.00E+00	2.59E-02
		Cs-137	<3.07E-02	0.00E+00	3.07E-02
		Be-7	<2.46E-01	0.00E+00	2.46E-01
		K-40	7.08E-01	3.21E-01	3.07E-01
612279	5/14/2024 - 5/21/2024	I-131	<5.04E-02	0.00E+00	5.04E-02
		Cs-134	<3.62E-02	0.00E+00	3.62E-02
		Cs-137	<2.79E-02	0.00E+00	2.79E-02
		Be-7	<2.48E-01	0.00E+00	2.48E-01
		K-40	6.75E-01	3.85E-01	5.07E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID: 612548 **Sample Dates: 5/21/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.86E-02	0.00E+00	3.86E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.63E-01	0.00E+00	2.63E-01
K-40	<6.72E-01	0.00E+00	6.72E-01

Sample ID: 612712 **Sample Dates: 5/28/2024 - 6/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<3.25E-02	0.00E+00	3.25E-02
Be-7	<2.04E-01	0.00E+00	2.04E-01
K-40	6.65E-01	3.10E-01	2.93E-01

Sample ID: 613553 **Sample Dates: 6/4/2024 - 6/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.09E-02	0.00E+00	6.09E-02
Cs-134	<2.09E-02	0.00E+00	2.09E-02
Cs-137	<3.79E-02	0.00E+00	3.79E-02
Be-7	<2.28E-01	0.00E+00	2.28E-01
K-40	4.56E-01	2.18E-01	6.87E-02

Sample ID: 614073 **Sample Dates: 6/11/2024 - 6/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.22E-02	0.00E+00	6.22E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	<6.07E-01	0.00E+00	6.07E-01

Sample ID: 614310 **Sample Dates: 6/18/2024 - 6/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.34E-02	0.00E+00	4.34E-02
Cs-134	<3.24E-02	0.00E+00	3.24E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<3.01E-01	0.00E+00	3.01E-01
K-40	1.02E+00	3.74E-01	2.97E-01

Sample ID: 614473 **Sample Dates: 6/25/2024 - 7/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.97E-02	0.00E+00	5.97E-02
Cs-134	<3.13E-02	0.00E+00	3.13E-02
Cs-137	<2.55E-02	0.00E+00	2.55E-02
Be-7	<2.18E-01	0.00E+00	2.18E-01
K-40	5.86E-01	2.39E-01	6.36E-02

Sample ID: 614686 **Sample Dates: 7/2/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.36E-02	0.00E+00	3.36E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.22E-01	0.00E+00	2.22E-01
K-40	<7.01E-01	0.00E+00	7.01E-01

Sample ID: 615086 **Sample Dates: 7/9/2024 - 7/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.27E-02	0.00E+00	6.27E-02
Cs-134	<1.92E-02	0.00E+00	1.92E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.87E-01	0.00E+00	2.87E-01
K-40	6.30E-01	2.91E-01	2.69E-01

Sample ID: 615899 **Sample Dates: 7/16/2024 - 7/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.04E-02	0.00E+00	2.04E-02
Cs-134	<1.97E-02	0.00E+00	1.97E-02
Cs-137	<1.70E-02	0.00E+00	1.70E-02
Be-7	<1.39E-01	0.00E+00	1.39E-01
K-40	4.51E-01	2.10E-01	6.43E-02

Sample ID: 616354 **Sample Dates: 7/23/2024 - 7/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.66E-02	0.00E+00	4.66E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<3.23E-02	0.00E+00	3.23E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID: 616354 Sample Dates: 7/23/2024 - 7/30/2024

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	6.19E-01	2.87E-01	2.40E-01

Sample ID: 616630 Sample Dates: 7/30/2024 - 8/6/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.32E-02	0.00E+00	4.32E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	5.04E-01	3.01E-01	3.70E-01

Sample ID: 617028 Sample Dates: 8/6/2024 - 8/13/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.17E-02	0.00E+00	4.17E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.06E-01	0.00E+00	2.06E-01
K-40	7.17E-01	3.20E-01	2.95E-01

Sample ID: 617514 Sample Dates: 8/13/2024 - 8/20/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.12E-02	0.00E+00	5.12E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<1.94E-01	0.00E+00	1.94E-01
K-40	7.35E-01	2.94E-01	7.66E-02

Sample ID: 617999 Sample Dates: 8/20/2024 - 8/27/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.39E-02	0.00E+00	5.39E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<2.80E-02	0.00E+00	2.80E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	7.99E-01	3.42E-01	3.20E-01

Sample ID: 618188 Sample Dates: 8/27/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.14E-01	0.00E+00	2.14E-01
K-40	5.50E-01	2.92E-01	3.14E-01

Sample ID: 618417 Sample Dates: 9/3/2024 - 9/10/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.66E-02	0.00E+00	4.66E-02
Cs-134	<3.04E-02	0.00E+00	3.04E-02
Cs-137	<3.21E-02	0.00E+00	3.21E-02
Be-7	<2.04E-01	0.00E+00	2.04E-01
K-40	5.84E-01	3.70E-01	5.08E-01

Sample ID: 619492 Sample Dates: 9/10/2024 - 9/17/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.16E-02	0.00E+00	6.16E-02
Cs-134	<2.52E-02	0.00E+00	2.52E-02
Cs-137	<1.77E-02	0.00E+00	1.77E-02
Be-7	<2.58E-01	0.00E+00	2.58E-01
K-40	<6.34E-01	0.00E+00	6.34E-01

Sample ID: 619765 Sample Dates: 9/17/2024 - 9/24/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.29E-02	0.00E+00	4.29E-02
Cs-134	<3.92E-02	0.00E+00	3.92E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<3.02E-01	0.00E+00	3.02E-01
K-40	<8.02E-01	0.00E+00	8.02E-01

Sample ID: 620157 Sample Dates: 9/24/2024 - 10/1/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.88E-02	0.00E+00	3.88E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<3.12E-02	0.00E+00	3.12E-02
Be-7	<2.26E-01	0.00E+00	2.26E-01
K-40	6.52E-01	3.28E-01	3.62E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
620349	10/1/2024 - 10/8/2024	I-131	<4.21E-02	0.00E+00	4.21E-02
		Cs-134	<3.41E-02	0.00E+00	3.41E-02
		Cs-137	<1.70E-02	0.00E+00	1.70E-02
		Be-7	<1.94E-01	0.00E+00	1.94E-01
		K-40	3.88E-01	3.12E-01	4.55E-01
620662	10/8/2024 - 10/15/2024	I-131	<5.48E-02	0.00E+00	5.48E-02
		Cs-134	<3.46E-02	0.00E+00	3.46E-02
		Cs-137	<2.79E-02	0.00E+00	2.79E-02
		Be-7	<2.45E-01	0.00E+00	2.45E-01
		K-40	6.47E-01	3.25E-01	3.60E-01
621226	10/15/2024 - 10/22/2024	I-131	<6.10E-02	0.00E+00	6.10E-02
		Cs-134	<2.42E-02	0.00E+00	2.42E-02
		Cs-137	<2.15E-02	0.00E+00	2.15E-02
		Be-7	<2.23E-01	0.00E+00	2.23E-01
		K-40	7.84E-01	2.80E-01	2.56E-01
621629	10/22/2024 - 10/29/2024	I-131	<4.66E-02	0.00E+00	4.66E-02
		Cs-134	<3.19E-02	0.00E+00	3.19E-02
		Cs-137	<2.56E-02	0.00E+00	2.56E-02
		Be-7	<2.11E-01	0.00E+00	2.11E-01
		K-40	4.86E-01	2.63E-01	2.67E-01
621978	10/29/2024 - 11/5/2024	I-131	<4.83E-02	0.00E+00	4.83E-02
		Cs-134	<2.05E-02	0.00E+00	2.05E-02
		Cs-137	<2.66E-02	0.00E+00	2.66E-02
		Be-7	<2.19E-01	0.00E+00	2.19E-01
		K-40	7.61E-01	3.56E-01	3.85E-01
622246	11/5/2024 - 11/12/2024	I-131	<4.10E-02	0.00E+00	4.10E-02
		Cs-134	<2.33E-02	0.00E+00	2.33E-02
		Cs-137	<1.99E-02	0.00E+00	1.99E-02
		Be-7	<2.30E-01	0.00E+00	2.30E-01
		K-40	7.12E-01	2.90E-01	7.72E-02
622603	11/12/2024 - 11/19/2024	I-131	<6.27E-02	0.00E+00	6.27E-02
		Cs-134	<2.31E-02	0.00E+00	2.31E-02
		Cs-137	<2.74E-02	0.00E+00	2.74E-02
		Be-7	<2.32E-01	0.00E+00	2.32E-01
		K-40	3.93E-01	3.42E-01	5.18E-01
622892	11/19/2024 - 11/26/2024	I-131	<6.25E-02	0.00E+00	6.25E-02
		Cs-134	<2.23E-02	0.00E+00	2.23E-02
		Cs-137	<2.30E-02	0.00E+00	2.30E-02
		Be-7	<1.98E-01	0.00E+00	1.98E-01
		K-40	8.15E-01	3.42E-01	3.91E-01
623215	11/26/2024 - 12/3/2024	I-131	<4.49E-02	0.00E+00	4.49E-02
		Cs-134	<1.99E-02	0.00E+00	1.99E-02
		Cs-137	<2.40E-02	0.00E+00	2.40E-02
		Be-7	<1.72E-01	0.00E+00	1.72E-01
		K-40	5.35E-01	2.49E-01	7.64E-02
624048	12/3/2024 - 12/10/2024	I-131	<4.72E-02	0.00E+00	4.72E-02
		Cs-134	<2.36E-02	0.00E+00	2.36E-02
		Cs-137	<2.97E-02	0.00E+00	2.97E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 207 [INDICATOR - NNE @ 0.65 miles]

Sample ID:	624048	Sample Dates: 12/3/2024 - 12/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	6.63E-01	2.81E-01	7.81E-02
Sample ID:	**624574**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.21E-02	0.00E+00	4.21E-02
			Cs-134	<2.35E-02	0.00E+00	2.35E-02
			Cs-137	<3.11E-02	0.00E+00	3.11E-02
			Be-7	<2.78E-01	0.00E+00	2.78E-01
			K-40	1.01E+00	3.74E-01	3.01E-01
Sample ID:	**624790**	**Sample Dates: 12/17/2024 - 12/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.26E-02	0.00E+00	6.26E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<5.50E-01	0.00E+00	5.50E-01
Sample ID:	**625004**	**Sample Dates: 12/24/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.02E-02	0.00E+00	6.02E-02
			Cs-134	<2.81E-02	0.00E+00	2.81E-02
			Cs-137	<2.39E-02	0.00E+00	2.39E-02
			Be-7	<2.26E-01	0.00E+00	2.26E-01
			K-40	7.02E-01	2.76E-01	7.05E-02

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 700 [INDICATOR - SSW @ 5.09 miles]

Sample ID:	612039	Sample Dates: 5/21/2024 - 5/21/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<5.40E+01	0.00E+00	5.40E+01
				Co-58	<5.09E+01	0.00E+00	5.09E+01
				Fe-59	<1.83E+02	0.00E+00	1.83E+02
				Co-60	<5.95E+01	0.00E+00	5.95E+01
				Zn-65	<8.78E+01	0.00E+00	8.78E+01
				Nb-95	<9.86E+01	0.00E+00	9.86E+01
				I-131	<1.68E+03	0.00E+00	1.68E+03
				Cs-134	<5.97E+01	0.00E+00	5.97E+01
				Cs-137	<3.40E+01	0.00E+00	3.40E+01
				Be-7	<4.35E+02	0.00E+00	4.35E+02
				K-40	4.48E+03	9.71E+02	7.27E+02
				Ag-110M	<4.09E+01	0.00E+00	4.09E+01
				Sb-122	<2.95E+06	0.00E+00	2.95E+06
				Sb-125	<1.06E+02	0.00E+00	1.06E+02
Sample ID:	**622549**	**Sample Dates: 11/18/2024 - 11/18/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.52E+01	0.00E+00	4.52E+01
				Co-58	<5.07E+01	0.00E+00	5.07E+01
				Fe-59	<1.17E+02	0.00E+00	1.17E+02
				Co-60	<4.20E+01	0.00E+00	4.20E+01
				Zn-65	<1.19E+02	0.00E+00	1.19E+02
				Nb-95	<6.83E+01	0.00E+00	6.83E+01
				I-131	<2.00E+02	0.00E+00	2.00E+02
				Cs-134	<5.48E+01	0.00E+00	5.48E+01
				Cs-137	<4.93E+01	0.00E+00	4.93E+01
				Be-7	<2.88E+02	0.00E+00	2.88E+02
				K-40	4.79E+03	1.01E+03	6.59E+02
				Ag-110M	<4.20E+01	0.00E+00	4.20E+01
				Sb-122	<3.73E+03	0.00E+00	3.73E+03
				Sb-125	<1.37E+02	0.00E+00	1.37E+02

Sample Point 701 [INDICATOR - SSW @ 5.09 miles]

Sample ID:	612040	Sample Dates: 5/21/2024 - 5/21/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<6.01E+01	0.00E+00	6.01E+01
				Co-58	<9.95E+01	0.00E+00	9.95E+01
				Fe-59	<2.29E+02	0.00E+00	2.29E+02

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 701 [INDICATOR - SSW @ 5.09 miles]

Sample ID:	612040	Sample Dates: 5/21/2024 - 5/21/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Co-60	<5.90E+01	0.00E+00	5.90E+01
				Zn-65	<1.39E+02	0.00E+00	1.39E+02
				Nb-95	<1.13E+02	0.00E+00	1.13E+02
				I-131	<1.87E+03	0.00E+00	1.87E+03
				Cs-134	<7.18E+01	0.00E+00	7.18E+01
				Cs-137	<6.99E+01	0.00E+00	6.99E+01
				Be-7	<5.78E+02	0.00E+00	5.78E+02
				K-40	4.41E+03	1.01E+03	6.82E+02
				Ag-110M	<6.42E+01	0.00E+00	6.42E+01
				Sb-122	<2.90E+06	0.00E+00	2.90E+06
				Sb-125	<1.31E+02	0.00E+00	1.31E+02
Sample ID:	**622550**	**Sample Dates: 11/18/2024 - 11/18/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.46E+01	0.00E+00	4.46E+01
				Co-58	<5.28E+01	0.00E+00	5.28E+01
				Fe-59	<1.21E+02	0.00E+00	1.21E+02
				Co-60	<6.06E+01	0.00E+00	6.06E+01
				Zn-65	<1.04E+02	0.00E+00	1.04E+02
				Nb-95	<5.99E+01	0.00E+00	5.99E+01
				I-131	<1.77E+02	0.00E+00	1.77E+02
				Cs-134	<5.94E+01	0.00E+00	5.94E+01
				Cs-137	<4.72E+01	0.00E+00	4.72E+01
				Be-7	<5.70E+02	0.00E+00	5.70E+02
				K-40	3.97E+03	9.84E+02	8.96E+02
				Ag-110M	<5.29E+01	0.00E+00	5.29E+01
				Sb-122	<4.26E+03	0.00E+00	4.26E+03
				Sb-125	<1.21E+02	0.00E+00	1.21E+02

Sample Point 702 [INDICATOR - SSW @ 5.09 miles]

Sample ID:	612041	Sample Dates: 5/21/2024 - 5/21/2024	INVERTEBRA	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<5.04E+01	0.00E+00	5.04E+01
				Co-58	<5.88E+01	0.00E+00	5.88E+01
				Fe-59	<1.85E+02	0.00E+00	1.85E+02
				Co-60	<4.10E+01	0.00E+00	4.10E+01
				Zn-65	<1.29E+02	0.00E+00	1.29E+02
				Nb-95	<9.94E+01	0.00E+00	9.94E+01
				I-131	<1.62E+03	0.00E+00	1.62E+03
				Cs-134	<4.64E+01	0.00E+00	4.64E+01
				Cs-137	<5.56E+01	0.00E+00	5.56E+01
				Be-7	<5.67E+02	0.00E+00	5.67E+02
				K-40	4.57E+03	9.94E+02	7.67E+02
				Ag-110M	<4.11E+01	0.00E+00	4.11E+01
				Sb-122	<2.24E+06	0.00E+00	2.24E+06
				Sb-125	<1.21E+02	0.00E+00	1.21E+02
Sample ID:	**622551**	**Sample Dates: 11/18/2024 - 11/18/2024**	**INVERTEBRA**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.51E+01	0.00E+00	5.51E+01
				Co-58	<4.92E+01	0.00E+00	4.92E+01
				Fe-59	<1.13E+02	0.00E+00	1.13E+02
				Co-60	<4.82E+01	0.00E+00	4.82E+01
				Zn-65	<6.26E+01	0.00E+00	6.26E+01
				Nb-95	<5.90E+01	0.00E+00	5.90E+01
				I-131	<1.73E+02	0.00E+00	1.73E+02
				Cs-134	<6.29E+01	0.00E+00	6.29E+01
				Cs-137	<4.18E+01	0.00E+00	4.18E+01
				Be-7	<3.35E+02	0.00E+00	3.35E+02
				K-40	3.54E+03	8.03E+02	1.08E+02
				Ag-110M	<5.03E+01	0.00E+00	5.03E+01
				Sb-122	<4.82E+03	0.00E+00	4.82E+03
				Sb-125	<1.25E+02	0.00E+00	1.25E+02

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 703 [CONTROL - WSW @ 0 miles]

Sample ID: 612042 **Sample Dates: 5/21/2024 - 5/21/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.06E+01	0.00E+00	5.06E+01
Co-58	<5.89E+01	0.00E+00	5.89E+01
Fe-59	<1.03E+02	0.00E+00	1.03E+02
Co-60	<5.36E+01	0.00E+00	5.36E+01
Zn-65	<9.71E+01	0.00E+00	9.71E+01
Nb-95	<8.58E+01	0.00E+00	8.58E+01
I-131	<1.57E+03	0.00E+00	1.57E+03
Cs-134	<4.93E+01	0.00E+00	4.93E+01
Cs-137	<4.36E+01	0.00E+00	4.36E+01
Be-7	<4.82E+02	0.00E+00	4.82E+02
K-40	4.93E+03	1.00E+03	6.48E+02
Ag-110M	<3.41E+01	0.00E+00	3.41E+01
Sb-122	<2.23E+06	0.00E+00	2.23E+06
Sb-125	<1.02E+02	0.00E+00	1.02E+02

Sample ID: 622552 **Sample Dates: 11/18/2024 - 11/18/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.10E+01	0.00E+00	4.10E+01
Co-58	<6.09E+01	0.00E+00	6.09E+01
Fe-59	<1.42E+02	0.00E+00	1.42E+02
Co-60	<5.62E+01	0.00E+00	5.62E+01
Zn-65	<1.03E+02	0.00E+00	1.03E+02
Nb-95	<7.19E+01	0.00E+00	7.19E+01
I-131	<2.40E+02	0.00E+00	2.40E+02
Cs-134	<5.47E+01	0.00E+00	5.47E+01
Cs-137	<5.40E+01	0.00E+00	5.40E+01
Be-7	<4.51E+02	0.00E+00	4.51E+02
K-40	4.38E+03	1.01E+03	7.41E+02
Ag-110M	<4.15E+01	0.00E+00	4.15E+01
Sb-122	<5.29E+03	0.00E+00	5.29E+03
Sb-125	<1.39E+02	0.00E+00	1.39E+02

Sample Point 704 [CONTROL - WSW @ 0 miles]

Sample ID: 612043 **Sample Dates: 5/21/2024 - 5/21/2024** **BOTMFEEDER**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.64E+01	0.00E+00	5.64E+01
Co-58	<7.62E+01	0.00E+00	7.62E+01
Fe-59	<1.54E+02	0.00E+00	1.54E+02
Co-60	<6.20E+01	0.00E+00	6.20E+01
Zn-65	<1.29E+02	0.00E+00	1.29E+02
Nb-95	<1.16E+02	0.00E+00	1.16E+02
I-131	<2.12E+03	0.00E+00	2.12E+03
Cs-134	<5.44E+01	0.00E+00	5.44E+01
Cs-137	<7.09E+01	0.00E+00	7.09E+01
Be-7	<7.43E+02	0.00E+00	7.43E+02
K-40	3.84E+03	9.85E+02	8.59E+02
Ag-110M	<6.16E+01	0.00E+00	6.16E+01
Sb-122	<2.76E+06	0.00E+00	2.76E+06
Sb-125	<1.60E+02	0.00E+00	1.60E+02

Sample ID: 622553 **Sample Dates: 11/18/2024 - 11/18/2024** **BOTMFEEDER**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.36E+01	0.00E+00	4.36E+01
Co-58	<5.42E+01	0.00E+00	5.42E+01
Fe-59	<8.56E+01	0.00E+00	8.56E+01
Co-60	<4.28E+01	0.00E+00	4.28E+01
Zn-65	<1.09E+02	0.00E+00	1.09E+02
Nb-95	<6.15E+01	0.00E+00	6.15E+01
I-131	<1.69E+02	0.00E+00	1.69E+02
Cs-134	<5.09E+01	0.00E+00	5.09E+01
Cs-137	<3.33E+01	0.00E+00	3.33E+01
Be-7	<4.06E+02	0.00E+00	4.06E+02
K-40	3.30E+03	8.03E+02	4.74E+02
Ag-110M	<3.63E+01	0.00E+00	3.63E+01
Sb-122	<3.72E+03	0.00E+00	3.72E+03
Sb-125	<1.08E+02	0.00E+00	1.08E+02

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 705 [CONTROL - WSW @ 0 miles]

Sample ID:	612044	Sample Dates: 5/21/2024 - 5/21/2024	INVERTEBRA	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<5.98E+01	0.00E+00	5.98E+01
				Co-58	<6.23E+01	0.00E+00	6.23E+01
				Fe-59	<1.86E+02	0.00E+00	1.86E+02
				Co-60	<2.96E+01	0.00E+00	2.96E+01
				Zn-65	<1.42E+02	0.00E+00	1.42E+02
				Nb-95	<1.01E+02	0.00E+00	1.01E+02
				I-131	<1.64E+03	0.00E+00	1.64E+03
				Cs-134	<6.39E+01	0.00E+00	6.39E+01
				Cs-137	<5.03E+01	0.00E+00	5.03E+01
				Be-7	<6.39E+02	0.00E+00	6.39E+02
				K-40	4.90E+03	1.04E+03	7.60E+02
				Ag-110M	<6.61E+01	0.00E+00	6.61E+01
				Sb-122	<2.46E+06	0.00E+00	2.46E+06
				Sb-125	<1.44E+02	0.00E+00	1.44E+02
Sample ID:	**622554**	**Sample Dates: 11/18/2024 - 11/18/2024**	**INVERTEBRA**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.48E+01	0.00E+00	5.48E+01
				Co-58	<4.07E+01	0.00E+00	4.07E+01
				Fe-59	<8.85E+01	0.00E+00	8.85E+01
				Co-60	<5.80E+01	0.00E+00	5.80E+01
				Zn-65	<1.06E+02	0.00E+00	1.06E+02
				Nb-95	<5.77E+01	0.00E+00	5.77E+01
				I-131	<1.84E+02	0.00E+00	1.84E+02
				Cs-134	<5.01E+01	0.00E+00	5.01E+01
				Cs-137	<5.98E+01	0.00E+00	5.98E+01
				Be-7	<5.20E+02	0.00E+00	5.20E+02
				K-40	4.46E+03	1.01E+03	7.53E+02
				Ag-110M	<4.25E+01	0.00E+00	4.25E+01
				Sb-122	<5.20E+03	0.00E+00	5.20E+03
				Sb-125	<1.07E+02	0.00E+00	1.07E+02

Sample Point 706 [INDICATOR - -- @ 0 miles]

Sample ID:	612045	Sample Dates: 5/21/2024 - 5/22/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<5.45E+01	0.00E+00	5.45E+01
				Co-58	<7.61E+01	0.00E+00	7.61E+01
				Fe-59	<2.01E+02	0.00E+00	2.01E+02
				Co-60	<4.99E+01	0.00E+00	4.99E+01
				Zn-65	<1.04E+02	0.00E+00	1.04E+02
				Nb-95	<9.47E+01	0.00E+00	9.47E+01
				I-131	<1.62E+03	0.00E+00	1.62E+03
				Cs-134	<5.38E+01	0.00E+00	5.38E+01
				Cs-137	<3.92E+01	0.00E+00	3.92E+01
				Be-7	<4.83E+02	0.00E+00	4.83E+02
				K-40	4.01E+03	8.41E+02	1.02E+02
				Ag-110M	<2.40E+01	0.00E+00	2.40E+01
				Sb-122	<1.31E+06	0.00E+00	1.31E+06
				Sb-125	<1.03E+02	0.00E+00	1.03E+02

Sample Point 707 [INDICATOR - -- @ 0 miles]

Sample ID:	612046	Sample Dates: 5/21/2024 - 5/22/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<4.98E+01	0.00E+00	4.98E+01
				Co-58	<6.36E+01	0.00E+00	6.36E+01
				Fe-59	<1.29E+02	0.00E+00	1.29E+02
				Co-60	<4.44E+01	0.00E+00	4.44E+01
				Zn-65	<1.05E+02	0.00E+00	1.05E+02
				Nb-95	<9.26E+01	0.00E+00	9.26E+01
				I-131	<1.43E+03	0.00E+00	1.43E+03
				Cs-134	<6.53E+01	0.00E+00	6.53E+01
				Cs-137	<5.13E+01	0.00E+00	5.13E+01
				Be-7	<7.07E+02	0.00E+00	7.07E+02
				K-40	4.33E+03	9.60E+02	6.10E+02
				Ag-110M	<5.29E+01	0.00E+00	5.29E+01
				Sb-122	<2.71E+06	0.00E+00	2.71E+06

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 707 [INDICATOR - -- @ 0 miles]

Sample ID:	612046	Sample Dates: 5/21/2024 - 5/22/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Sb-125	<1.50E+02	0.00E+00	1.50E+02

Sample Point 708 [INDICATOR - -- @ 0 miles]

Sample ID:	612047	Sample Dates: 5/21/2024 - 5/22/2024	INVERTEBRA	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<6.10E+01	0.00E+00	6.10E+01
				Co-58	<9.37E+01	0.00E+00	9.37E+01
				Fe-59	<2.08E+02	0.00E+00	2.08E+02
				Co-60	<5.90E+01	0.00E+00	5.90E+01
				Zn-65	<1.41E+02	0.00E+00	1.41E+02
				Nb-95	<1.15E+02	0.00E+00	1.15E+02
				I-131	<2.31E+03	0.00E+00	2.31E+03
				Cs-134	<5.83E+01	0.00E+00	5.83E+01
				Cs-137	<5.26E+01	0.00E+00	5.26E+01
				Be-7	<5.64E+02	0.00E+00	5.64E+02
				K-40	4.01E+03	9.54E+02	8.16E+02
				Ag-110M	<4.54E+01	0.00E+00	4.54E+01
				Sb-122	<1.05E+07	0.00E+00	1.05E+07
				Sb-125	<1.14E+02	0.00E+00	1.14E+02

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 409 [INDICATOR - -- @ 0.65 miles]

Sample ID:	605258	Sample Dates: 3/4/2024 - 3/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.97E+00	0.00E+00	5.97E+00
			Co-58	<6.92E+00	0.00E+00	6.92E+00
			Fe-59	<1.31E+01	0.00E+00	1.31E+01
			Co-60	<7.24E+00	0.00E+00	7.24E+00
			Zn-65	<1.62E+01	0.00E+00	1.62E+01
			Zr-95	<1.08E+01	0.00E+00	1.08E+01
			Nb-95	<5.76E+00	0.00E+00	5.76E+00
			I-131	<1.12E+01	0.00E+00	1.12E+01
			Cs-134	<8.80E+00	0.00E+00	8.80E+00
			Cs-137	<5.25E+00	0.00E+00	5.25E+00
			BaLa-140	<1.09E+01	0.00E+00	1.09E+01
			Total-Gam	0.00E+00		
			H3GW	<-1.7E+01	0.00E+00	1.86E+02

Sample ID:	612430	Sample Dates: 6/4/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	<-5.9E+01	0.00E+00	2.02E+02

Sample ID:	617681	Sample Dates: 9/6/2024 - 9/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.72E+00	0.00E+00	6.72E+00
			Co-58	<5.48E+00	0.00E+00	5.48E+00
			Fe-59	<1.11E+01	0.00E+00	1.11E+01
			Co-60	<3.75E+00	0.00E+00	3.75E+00
			Zn-65	<1.01E+01	0.00E+00	1.01E+01
			Zr-95	<8.05E+00	0.00E+00	8.05E+00
			Nb-95	<7.30E+00	0.00E+00	7.30E+00
			I-131	<7.61E+00	0.00E+00	7.61E+00
			Cs-134	<5.57E+00	0.00E+00	5.57E+00
			Cs-137	<5.57E+00	0.00E+00	5.57E+00
			BaLa-140	<6.72E+00	0.00E+00	6.72E+00
			Total-Gam	0.00E+00		
			H3GW	<-7.5E+01	0.00E+00	1.95E+02

Sample ID:	622777	Sample Dates: 12/9/2024 - 12/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	<4.16E+01	0.00E+00	1.85E+02

Sample Point 410 [INDICATOR - -- @ 0.65 miles]

Sample ID:	605259	Sample Dates: 3/5/2024 - 3/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.91E+00	0.00E+00	6.91E+00
			Co-58	<7.34E+00	0.00E+00	7.34E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 410 [INDICATOR - -- @ 0.65 miles]

Sample ID: 605259 **Sample Dates: 3/5/2024 - 3/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Fe-59	<1.47E+01	0.00E+00	1.47E+01
Co-60	<6.58E+00	0.00E+00	6.58E+00
Zn-65	<1.41E+01	0.00E+00	1.41E+01
Zr-95	<1.20E+01	0.00E+00	1.20E+01
Nb-95	<9.60E+00	0.00E+00	9.60E+00
I-131	<1.05E+01	0.00E+00	1.05E+01
Cs-134	<7.98E+00	0.00E+00	7.98E+00
Cs-137	<6.23E+00	0.00E+00	6.23E+00
BaLa-140	<8.96E+00	0.00E+00	8.96E+00
Total-Gam	0.00E+00		
H3GW	<-5.0E+01	0.00E+00	1.86E+02

Sample ID: 612431 **Sample Dates: 6/4/2024 - 6/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3GW	<-1.1E+02	0.00E+00	2.02E+02

Sample ID: 617682 **Sample Dates: 9/6/2024 - 9/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.80E+00	0.00E+00	5.80E+00
Co-58	<5.91E+00	0.00E+00	5.91E+00
Fe-59	<1.32E+01	0.00E+00	1.32E+01
Co-60	<5.79E+00	0.00E+00	5.79E+00
Zn-65	<1.26E+01	0.00E+00	1.26E+01
Zr-95	<6.72E+00	0.00E+00	6.72E+00
Nb-95	<6.10E+00	0.00E+00	6.10E+00
I-131	<8.88E+00	0.00E+00	8.88E+00
Cs-134	<6.49E+00	0.00E+00	6.49E+00
Cs-137	<5.97E+00	0.00E+00	5.97E+00
BaLa-140	<9.00E+00	0.00E+00	9.00E+00
Total-Gam	0.00E+00		
H3GW	<-6.2E+01	0.00E+00	1.95E+02

Sample ID: 622778 **Sample Dates: 12/10/2024 - 12/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3GW	<-1.8E+01	0.00E+00	1.85E+02

Sample Point 412 [INDICATOR - -- @ 0 miles]

Sample ID: 605261 **Sample Dates: 3/4/2024 - 3/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.95E+00	0.00E+00	5.95E+00
Co-58	<6.41E+00	0.00E+00	6.41E+00
Fe-59	<1.08E+01	0.00E+00	1.08E+01
Co-60	<6.35E+00	0.00E+00	6.35E+00
Zn-65	<1.73E+01	0.00E+00	1.73E+01
Zr-95	<9.27E+00	0.00E+00	9.27E+00
Nb-95	<5.09E+00	0.00E+00	5.09E+00
I-131	<1.05E+01	0.00E+00	1.05E+01
Cs-134	<6.64E+00	0.00E+00	6.64E+00
Cs-137	<5.76E+00	0.00E+00	5.76E+00
BaLa-140	<6.16E+00	0.00E+00	6.16E+00
Total-Gam	0.00E+00		
H3GW	1.69E+03	1.57E+02	1.86E+02

Sample ID: 612433 **Sample Dates: 6/4/2024 - 6/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3GW	1.85E+03	1.71E+02	2.02E+02

Sample ID: 617683 **Sample Dates: 9/6/2024 - 9/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.88E+00	0.00E+00	4.88E+00
Co-58	<4.97E+00	0.00E+00	4.97E+00
Fe-59	<1.32E+01	0.00E+00	1.32E+01
Co-60	<6.53E+00	0.00E+00	6.53E+00
Zn-65	<1.16E+01	0.00E+00	1.16E+01
Zr-95	<7.82E+00	0.00E+00	7.82E+00
Nb-95	<6.71E+00	0.00E+00	6.71E+00
I-131	<8.04E+00	0.00E+00	8.04E+00
Cs-134	<5.47E+00	0.00E+00	5.47E+00
Cs-137	<6.86E+00	0.00E+00	6.86E+00
BaLa-140	<7.62E+00	0.00E+00	7.62E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 412 [INDICATOR - -- @ 0 miles]

Sample ID:	617683	Sample Dates: 9/6/2024 - 9/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			Total-Gam	0.00E+00		
			H3GW	1.93E+03	1.71E+02	1.95E+02
Sample ID:	**622780**	**Sample Dates: 12/9/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	2.46E+03	1.79E+02	1.85E+02

Sample Point 420 [INDICATOR - -- @ 0 miles]

Sample ID:	605265	Sample Dates: 3/4/2024 - 3/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.03E+00	0.00E+00	5.03E+00
			Co-58	<5.21E+00	0.00E+00	5.21E+00
			Fe-59	<1.36E+01	0.00E+00	1.36E+01
			Co-60	<3.71E+00	0.00E+00	3.71E+00
			Zn-65	<1.34E+01	0.00E+00	1.34E+01
			Zr-95	<1.21E+01	0.00E+00	1.21E+01
			Nb-95	<8.26E+00	0.00E+00	8.26E+00
			I-131	<1.16E+01	0.00E+00	1.16E+01
			Cs-134	<6.94E+00	0.00E+00	6.94E+00
			Cs-137	<7.36E+00	0.00E+00	7.36E+00
			BaLa-140	<6.43E+00	0.00E+00	6.43E+00
			Total-Gam	0.00E+00		
			H3GW	4.41E+03	2.12E+02	1.85E+02
Sample ID:	**612438**	**Sample Dates: 6/4/2024 - 6/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	4.30E+03	2.24E+02	2.02E+02
Sample ID:	**617687**	**Sample Dates: 9/6/2024 - 9/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.81E+00	0.00E+00	5.81E+00
			Co-58	<6.65E+00	0.00E+00	6.65E+00
			Fe-59	<1.30E+01	0.00E+00	1.30E+01
			Co-60	<7.00E+00	0.00E+00	7.00E+00
			Zn-65	<1.40E+01	0.00E+00	1.40E+01
			Zr-95	<1.13E+01	0.00E+00	1.13E+01
			Nb-95	<5.72E+00	0.00E+00	5.72E+00
			I-131	<9.43E+00	0.00E+00	9.43E+00
			Cs-134	<8.36E+00	0.00E+00	8.36E+00
			Cs-137	<5.47E+00	0.00E+00	5.47E+00
			BaLa-140	<8.49E+00	0.00E+00	8.49E+00
			Total-Gam	0.00E+00		
			H3GW	4.39E+03	2.24E+02	1.95E+02
Sample ID:	**622784**	**Sample Dates: 12/9/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	4.66E+03	2.23E+02	1.84E+02

Sample Point 423 [INDICATOR - -- @ 0 miles]

Sample ID:	605267	Sample Dates: 3/5/2024 - 3/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.53E+00	0.00E+00	5.53E+00
			Co-58	<5.89E+00	0.00E+00	5.89E+00
			Fe-59	<1.04E+01	0.00E+00	1.04E+01
			Co-60	<5.81E+00	0.00E+00	5.81E+00
			Zn-65	<1.16E+01	0.00E+00	1.16E+01
			Zr-95	<1.21E+01	0.00E+00	1.21E+01
			Nb-95	<6.54E+00	0.00E+00	6.54E+00
			I-131	<9.42E+00	0.00E+00	9.42E+00
			Cs-134	<5.96E+00	0.00E+00	5.96E+00
			Cs-137	<4.28E+00	0.00E+00	4.28E+00
			BaLa-140	<6.33E+00	0.00E+00	6.33E+00
			Total-Gam	0.00E+00		
			H3GW	<-7.0E+01	0.00E+00	1.86E+02
Sample ID:	**612439**	**Sample Dates: 6/4/2024 - 6/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	<-5.6E+01	0.00E+00	2.03E+02

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 423 [INDICATOR - -- @ 0 miles]

Sample ID:	617688	Sample Dates: 9/6/2024 - 9/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.51E+00	0.00E+00	7.51E+00
			Co-58	<6.19E+00	0.00E+00	6.19E+00
			Fe-59	<1.10E+01	0.00E+00	1.10E+01
			Co-60	<8.22E+00	0.00E+00	8.22E+00
			Zn-65	<1.10E+01	0.00E+00	1.10E+01
			Zr-95	<9.44E+00	0.00E+00	9.44E+00
			Nb-95	<7.67E+00	0.00E+00	7.67E+00
			I-131	<1.12E+01	0.00E+00	1.12E+01
			Cs-134	<8.41E+00	0.00E+00	8.41E+00
			Cs-137	<7.49E+00	0.00E+00	7.49E+00
			BaLa-140	<8.80E+00	0.00E+00	8.80E+00
			Total-Gam	0.00E+00		
			H3GW	<-9.9E+01	0.00E+00	1.95E+02
Sample ID:	**622785**	**Sample Dates: 12/10/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	<-1.8E+01	0.00E+00	1.83E+02

Sample Point 424 [INDICATOR - -- @ 0 miles]

Sample ID:	605268	Sample Dates: 3/5/2024 - 3/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.17E+00	0.00E+00	6.17E+00
			Co-58	<6.13E+00	0.00E+00	6.13E+00
			Fe-59	<1.35E+01	0.00E+00	1.35E+01
			Co-60	<5.80E+00	0.00E+00	5.80E+00
			Zn-65	<1.43E+01	0.00E+00	1.43E+01
			Zr-95	<1.21E+01	0.00E+00	1.21E+01
			Nb-95	<6.43E+00	0.00E+00	6.43E+00
			I-131	<9.45E+00	0.00E+00	9.45E+00
			Cs-134	<5.90E+00	0.00E+00	5.90E+00
			Cs-137	<6.71E+00	0.00E+00	6.71E+00
			BaLa-140	<9.61E+00	0.00E+00	9.61E+00
			Total-Gam	0.00E+00		
			H3GW	<-7.2E+00	0.00E+00	1.85E+02
Sample ID:	**612440**	**Sample Dates: 6/4/2024 - 6/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	<-1.6E+02	0.00E+00	2.03E+02
Sample ID:	**617689**	**Sample Dates: 9/6/2024 - 9/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.75E+00	0.00E+00	5.75E+00
			Co-58	<5.48E+00	0.00E+00	5.48E+00
			Fe-59	<8.74E+00	0.00E+00	8.74E+00
			Co-60	<5.69E+00	0.00E+00	5.69E+00
			Zn-65	<1.30E+01	0.00E+00	1.30E+01
			Zr-95	<1.24E+01	0.00E+00	1.24E+01
			Nb-95	<7.96E+00	0.00E+00	7.96E+00
			I-131	<7.20E+00	0.00E+00	7.20E+00
			Cs-134	<7.18E+00	0.00E+00	7.18E+00
			Cs-137	<5.22E+00	0.00E+00	5.22E+00
			BaLa-140	<9.36E+00	0.00E+00	9.36E+00
			Total-Gam	0.00E+00		
			H3GW	<-1.0E+02	0.00E+00	1.95E+02
Sample ID:	**622786**	**Sample Dates: 12/10/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	<1.32E+02	0.00E+00	1.85E+02

Sample Point 1020 [INDICATOR - @ 0 miles]

Sample ID:	605252	Sample Dates: 3/5/2024 - 3/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.31E+00	0.00E+00	7.31E+00
			Co-58	<7.72E+00	0.00E+00	7.72E+00
			Fe-59	<1.63E+01	0.00E+00	1.63E+01
			Co-60	<6.56E+00	0.00E+00	6.56E+00
			Zn-65	<1.16E+01	0.00E+00	1.16E+01
			Zr-95	<1.23E+01	0.00E+00	1.23E+01
			Nb-95	<5.81E+00	0.00E+00	5.81E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 1020 [INDICATOR - @ 0 miles]

Sample ID:	605252	Sample Dates: 3/5/2024 - 3/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<9.41E+00	0.00E+00	9.41E+00
			Cs-134	<6.87E+00	0.00E+00	6.87E+00
			Cs-137	<5.95E+00	0.00E+00	5.95E+00
			BaLa-140	<9.85E+00	0.00E+00	9.85E+00
			Total-Gam	0.00E+00		
			H3GW	<7.98E+01	0.00E+00	1.87E+02
Sample ID:	**612424**	**Sample Dates: 6/4/2024 - 6/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	<-6.7E+01	0.00E+00	2.02E+02
Sample ID:	**617677**	**Sample Dates: 9/5/2024 - 9/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<6.95E+00	0.00E+00	6.95E+00
			Co-58	<6.68E+00	0.00E+00	6.68E+00
			Fe-59	<1.43E+01	0.00E+00	1.43E+01
			Co-60	<6.19E+00	0.00E+00	6.19E+00
			Zn-65	<1.18E+01	0.00E+00	1.18E+01
			Zr-95	<1.17E+01	0.00E+00	1.17E+01
			Nb-95	<7.01E+00	0.00E+00	7.01E+00
			I-131	<1.07E+01	0.00E+00	1.07E+01
			Cs-134	<8.62E+00	0.00E+00	8.62E+00
			Cs-137	<6.75E+00	0.00E+00	6.75E+00
			BaLa-140	<9.27E+00	0.00E+00	9.27E+00
			Total-Gam	0.00E+00		
			H3GW	<-3.5E+01	0.00E+00	1.94E+02
Sample ID:	**622772**	**Sample Dates: 12/7/2024 - 12/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	<1.12E+02	0.00E+00	1.85E+02

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg dry

Sample Point 500 [INDICATOR - SSW @ 4.92 miles]

Sample ID:	614172	Sample Dates: 5/23/2024 - 5/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.51E+01	0.00E+00	5.51E+01
			Co-58	<3.14E+01	0.00E+00	3.14E+01
			Fe-59	<1.05E+02	0.00E+00	1.05E+02
			Co-60	<3.24E+01	0.00E+00	3.24E+01
			Zn-65	<9.53E+01	0.00E+00	9.53E+01
			Zr-95	<6.39E+01	0.00E+00	6.39E+01
			Nb-95	<5.08E+01	0.00E+00	5.08E+01
			I-131	<9.09E+01	0.00E+00	9.09E+01
			Cs-134	<4.22E+01	0.00E+00	4.22E+01
			Cs-137	<3.99E+01	0.00E+00	3.99E+01
			Be-7	<3.60E+02	0.00E+00	3.60E+02
			K-40	1.84E+03	6.40E+02	5.38E+02
			Co-57	<3.05E+01	0.00E+00	3.05E+01
			Mo-99	<3.46E+03	0.00E+00	3.46E+03
			Ag-110M	<3.34E+01	0.00E+00	3.34E+01
			Sb-122	<7.12E+02	0.00E+00	7.12E+02
			Sb-125	<1.13E+02	0.00E+00	1.13E+02
Sample ID:	**624636**	**Sample Dates: 11/20/2024 - 11/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.12E+01	0.00E+00	5.12E+01
			Co-58	<8.03E+01	0.00E+00	8.03E+01
			Fe-59	<2.54E+02	0.00E+00	2.54E+02
			Co-60	<5.87E+01	0.00E+00	5.87E+01
			Zn-65	<1.63E+02	0.00E+00	1.63E+02
			Zr-95	<1.87E+02	0.00E+00	1.87E+02
			Nb-95	<1.16E+02	0.00E+00	1.16E+02
			I-131	<3.11E+03	0.00E+00	3.11E+03
			Cs-134	<7.85E+01	0.00E+00	7.85E+01
			Cs-137	<5.34E+01	0.00E+00	5.34E+01
			Be-7	<8.13E+02	0.00E+00	8.13E+02
			K-40	2.05E+03	7.21E+02	5.27E+02
			Co-57	<4.77E+01	0.00E+00	4.77E+01
			Mo-99	<1.25E+08	0.00E+00	1.25E+08

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg dry

Sample Point 500 [INDICATOR - SSW @ 4.92 miles]

Sample ID: 624636 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Ag-110M	<4.62E+01	0.00E+00	4.62E+01
Sb-122	<2.36E+07	0.00E+00	2.36E+07
Sb-125	<1.23E+02	0.00E+00	1.23E+02

Sample Point 501 [INDICATOR - -- @ 0 miles]

Sample ID: 614170 **Sample Dates: 5/23/2024 - 5/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<9.95E+01	0.00E+00	9.95E+01
Co-58	<1.02E+02	0.00E+00	1.02E+02
Fe-59	<1.95E+02	0.00E+00	1.95E+02
Co-60	<7.04E+01	0.00E+00	7.04E+01
Zn-65	<1.27E+02	0.00E+00	1.27E+02
Zr-95	<1.35E+02	0.00E+00	1.35E+02
Nb-95	<1.13E+02	0.00E+00	1.13E+02
I-131	<1.88E+02	0.00E+00	1.88E+02
Cs-134	<8.00E+01	0.00E+00	8.00E+01
Cs-137	<8.41E+01	0.00E+00	8.41E+01
Be-7	<7.14E+02	0.00E+00	7.14E+02
K-40	1.05E+04	2.02E+03	9.00E+02
Co-57	<5.55E+01	0.00E+00	5.55E+01
Mo-99	<8.39E+03	0.00E+00	8.39E+03
Ag-110M	<7.68E+01	0.00E+00	7.68E+01
Sb-122	<2.05E+03	0.00E+00	2.05E+03
Sb-125	<1.58E+02	0.00E+00	1.58E+02

Sample ID: 624637 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.91E+01	0.00E+00	5.91E+01
Co-58	<8.49E+01	0.00E+00	8.49E+01
Fe-59	<2.80E+02	0.00E+00	2.80E+02
Co-60	<5.48E+01	0.00E+00	5.48E+01
Zn-65	<1.68E+02	0.00E+00	1.68E+02
Zr-95	<1.64E+02	0.00E+00	1.64E+02
Nb-95	<1.34E+02	0.00E+00	1.34E+02
I-131	<3.44E+03	0.00E+00	3.44E+03
Cs-134	<6.24E+01	0.00E+00	6.24E+01
Cs-137	<4.57E+01	0.00E+00	4.57E+01
Be-7	<7.51E+02	0.00E+00	7.51E+02
K-40	7.24E+03	1.41E+03	8.71E+02
Co-57	<4.13E+01	0.00E+00	4.13E+01
Mo-99	<7.64E+07	0.00E+00	7.64E+07
Ag-110M	<4.64E+01	0.00E+00	4.64E+01
Sb-122	<2.64E+07	0.00E+00	2.64E+07
Sb-125	<1.26E+02	0.00E+00	1.26E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 400 [CONTROL - NE @ 0.75 miles]

Sample ID: 603841 **Sample Dates: 1/1/2024 - 2/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.96E+00	0.00E+00	1.96E+00
Co-58	<2.40E+00	0.00E+00	2.40E+00
Fe-59	<5.74E+00	0.00E+00	5.74E+00
Co-60	<2.06E+00	0.00E+00	2.06E+00
Zn-65	<4.84E+00	0.00E+00	4.84E+00
Zr-95	<5.10E+00	0.00E+00	5.10E+00
Nb-95	<4.14E+00	0.00E+00	4.14E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<2.70E+00	0.00E+00	2.70E+00
Cs-137	<2.03E+00	0.00E+00	2.03E+00
BaLa-140	<7.60E+00	0.00E+00	7.60E+00
H3SW	<3.77E+01	0.00E+00	2.01E+02

Sample ID: 604797 **Sample Dates: 2/1/2024 - 3/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.74E+00	0.00E+00	2.74E+00
Co-58	<3.20E+00	0.00E+00	3.20E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 400 [CONTROL - NE @ 0.75 miles]

Sample ID: 604797 Sample Dates: 2/1/2024 - 3/1/2024

Nuclide	Activity	2 Sigma Error	MDA
Fe-59	<8.56E+00	0.00E+00	8.56E+00
Co-60	<2.49E+00	0.00E+00	2.49E+00
Zn-65	<5.10E+00	0.00E+00	5.10E+00
Zr-95	<6.92E+00	0.00E+00	6.92E+00
Nb-95	<4.12E+00	0.00E+00	4.12E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<3.09E+00	0.00E+00	3.09E+00
Cs-137	<3.17E+00	0.00E+00	3.17E+00
BaLa-140	<6.97E+00	0.00E+00	6.97E+00
H3SW	<-3.5E+01	0.00E+00	2.06E+02

Sample ID: 609935 Sample Dates: 3/1/2024 - 4/1/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.04E+00	0.00E+00	2.04E+00
Co-58	<1.96E+00	0.00E+00	1.96E+00
Fe-59	<4.90E+00	0.00E+00	4.90E+00
Co-60	<1.80E+00	0.00E+00	1.80E+00
Zn-65	<4.06E+00	0.00E+00	4.06E+00
Zr-95	<4.27E+00	0.00E+00	4.27E+00
Nb-95	<2.96E+00	0.00E+00	2.96E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<2.20E+00	0.00E+00	2.20E+00
Cs-137	<1.64E+00	0.00E+00	1.64E+00
BaLa-140	<5.80E+00	0.00E+00	5.80E+00
H3SW	<-4.3E+01	0.00E+00	1.85E+02

Sample ID: 607663 Sample Dates: 4/1/2024 - 5/1/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.97E+00	0.00E+00	1.97E+00
Co-58	<1.85E+00	0.00E+00	1.85E+00
Fe-59	<4.90E+00	0.00E+00	4.90E+00
Co-60	<1.89E+00	0.00E+00	1.89E+00
Zn-65	<4.08E+00	0.00E+00	4.08E+00
Zr-95	<3.60E+00	0.00E+00	3.60E+00
Nb-95	<2.33E+00	0.00E+00	2.33E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<1.99E+00	0.00E+00	1.99E+00
Cs-137	<1.88E+00	0.00E+00	1.88E+00
BaLa-140	<6.36E+00	0.00E+00	6.36E+00
H3SW	<-9.6E+00	0.00E+00	1.90E+02

Sample ID: 611521 Sample Dates: 5/1/2024 - 6/3/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.42E+00	0.00E+00	1.42E+00
Co-58	<1.62E+00	0.00E+00	1.62E+00
Fe-59	<3.42E+00	0.00E+00	3.42E+00
Co-60	<1.63E+00	0.00E+00	1.63E+00
Zn-65	<3.06E+00	0.00E+00	3.06E+00
Zr-95	<3.01E+00	0.00E+00	3.01E+00
Nb-95	<2.23E+00	0.00E+00	2.23E+00
I-131	<1.06E+01	0.00E+00	1.06E+01
Cs-134	<1.56E+00	0.00E+00	1.56E+00
Cs-137	<1.80E+00	0.00E+00	1.80E+00
BaLa-140	<5.16E+00	0.00E+00	5.16E+00
H3SW	<9.02E+01	0.00E+00	1.76E+02

Sample ID: 612719 Sample Dates: 6/3/2024 - 7/1/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.86E+00	0.00E+00	1.86E+00
Co-58	<2.10E+00	0.00E+00	2.10E+00
Fe-59	<4.16E+00	0.00E+00	4.16E+00
Co-60	<1.43E+00	0.00E+00	1.43E+00
Zn-65	<3.47E+00	0.00E+00	3.47E+00
Zr-95	<3.68E+00	0.00E+00	3.68E+00
Nb-95	<2.86E+00	0.00E+00	2.86E+00
I-131	<1.12E+01	0.00E+00	1.12E+01
Cs-134	<1.88E+00	0.00E+00	1.88E+00
Cs-137	<1.59E+00	0.00E+00	1.59E+00
BaLa-140	<6.37E+00	0.00E+00	6.37E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 400 [CONTROL - NE @ 0.75 miles]

Sample ID:	612719	Sample Dates: 6/3/2024 - 7/1/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3SW	<-1.5E+02	0.00E+00	2.06E+02
Sample ID:	**614480**	**Sample Dates: 7/1/2024 - 8/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.12E+00	0.00E+00	2.12E+00
			Co-58	<2.01E+00	0.00E+00	2.01E+00
			Fe-59	<5.01E+00	0.00E+00	5.01E+00
			Co-60	<1.90E+00	0.00E+00	1.90E+00
			Zn-65	<3.94E+00	0.00E+00	3.94E+00
			Zr-95	<3.42E+00	0.00E+00	3.42E+00
			Nb-95	<2.57E+00	0.00E+00	2.57E+00
			I-131	<1.23E+01	0.00E+00	1.23E+01
			Cs-134	<2.00E+00	0.00E+00	2.00E+00
			Cs-137	<1.88E+00	0.00E+00	1.88E+00
			BaLa-140	<4.94E+00	0.00E+00	4.94E+00
			H3SW	<-7.2E+00	0.00E+00	1.83E+02
Sample ID:	**616361**	**Sample Dates: 8/1/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<1.98E+00	0.00E+00	1.98E+00
			Co-58	<3.50E+00	0.00E+00	3.50E+00
			Fe-59	<6.57E+00	0.00E+00	6.57E+00
			Co-60	<2.39E+00	0.00E+00	2.39E+00
			Zn-65	<4.15E+00	0.00E+00	4.15E+00
			Zr-95	<5.26E+00	0.00E+00	5.26E+00
			Nb-95	<3.58E+00	0.00E+00	3.58E+00
			I-131	<1.32E+01	0.00E+00	1.32E+01
			Cs-134	<2.95E+00	0.00E+00	2.95E+00
			Cs-137	<2.71E+00	0.00E+00	2.71E+00
			BaLa-140	<7.22E+00	0.00E+00	7.22E+00
			H3SW	<-8.2E+01	0.00E+00	1.90E+02
Sample ID:	**618006**	**Sample Dates: 9/3/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.20E+00	0.00E+00	3.20E+00
			Co-58	<3.81E+00	0.00E+00	3.81E+00
			Fe-59	<6.60E+00	0.00E+00	6.60E+00
			Co-60	<3.73E+00	0.00E+00	3.73E+00
			Zn-65	<6.63E+00	0.00E+00	6.63E+00
			Zr-95	<6.16E+00	0.00E+00	6.16E+00
			Nb-95	<4.10E+00	0.00E+00	4.10E+00
			I-131	<1.27E+01	0.00E+00	1.27E+01
			Cs-134	<3.46E+00	0.00E+00	3.46E+00
			Cs-137	<3.52E+00	0.00E+00	3.52E+00
			BaLa-140	<5.79E+00	0.00E+00	5.79E+00
			H3SW	<-1.9E+01	0.00E+00	2.03E+02
Sample ID:	**622610**	**Sample Dates: 10/1/2024 - 11/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.03E+00	0.00E+00	2.03E+00
			Co-58	<2.93E+00	0.00E+00	2.93E+00
			Fe-59	<3.61E+00	0.00E+00	3.61E+00
			Co-60	<2.01E+00	0.00E+00	2.01E+00
			Zn-65	<5.08E+00	0.00E+00	5.08E+00
			Zr-95	<4.48E+00	0.00E+00	4.48E+00
			Nb-95	<3.27E+00	0.00E+00	3.27E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<2.27E+00	0.00E+00	2.27E+00
			Cs-137	<2.38E+00	0.00E+00	2.38E+00
			BaLa-140	<7.74E+00	0.00E+00	7.74E+00
			H3SW	<-8.6E+01	0.00E+00	2.00E+02
Sample ID:	**624581**	**Sample Dates: 11/5/2024 - 12/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.92E+00	0.00E+00	2.92E+00
			Co-58	<3.16E+00	0.00E+00	3.16E+00
			Fe-59	<6.92E+00	0.00E+00	6.92E+00
			Co-60	<3.15E+00	0.00E+00	3.15E+00
			Zn-65	<5.68E+00	0.00E+00	5.68E+00
			Zr-95	<6.45E+00	0.00E+00	6.45E+00
			Nb-95	<3.47E+00	0.00E+00	3.47E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 400 [CONTROL - NE @ 0.75 miles]

Sample ID: 624581 **Sample Dates: 11/5/2024 - 12/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.17E+00	0.00E+00	3.17E+00
Cs-137	<2.97E+00	0.00E+00	2.97E+00
BaLa-140	<7.55E+00	0.00E+00	7.55E+00
H3SW	<4.13E+01	0.00E+00	1.88E+02

Sample ID: 625645 **Sample Dates: 12/4/2024 - 1/2/2025**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.21E+00	0.00E+00	2.21E+00
Co-58	<2.71E+00	0.00E+00	2.71E+00
Fe-59	<4.43E+00	0.00E+00	4.43E+00
Co-60	<1.97E+00	0.00E+00	1.97E+00
Zn-65	<3.67E+00	0.00E+00	3.67E+00
Zr-95	<4.39E+00	0.00E+00	4.39E+00
Nb-95	<3.25E+00	0.00E+00	3.25E+00
I-131	<1.17E+01	0.00E+00	1.17E+01
Cs-134	<2.57E+00	0.00E+00	2.57E+00
Cs-137	<2.27E+00	0.00E+00	2.27E+00
BaLa-140	<5.49E+00	0.00E+00	5.49E+00
H3SW	<-8.2E+01	0.00E+00	1.87E+02

Sample Point 401 [INDICATOR - SSW @ 4.82 miles]

Sample ID: 603842 **Sample Dates: 1/1/2024 - 2/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.97E+00	0.00E+00	1.97E+00
Co-58	<2.24E+00	0.00E+00	2.24E+00
Fe-59	<5.19E+00	0.00E+00	5.19E+00
Co-60	<1.71E+00	0.00E+00	1.71E+00
Zn-65	<4.08E+00	0.00E+00	4.08E+00
Zr-95	<5.01E+00	0.00E+00	5.01E+00
Nb-95	<3.21E+00	0.00E+00	3.21E+00
I-131	<1.22E+01	0.00E+00	1.22E+01
Cs-134	<2.35E+00	0.00E+00	2.35E+00
Cs-137	<1.87E+00	0.00E+00	1.87E+00
BaLa-140	<5.86E+00	0.00E+00	5.86E+00
H3SW	<1.08E+01	0.00E+00	2.01E+02

Sample ID: 604798 **Sample Dates: 2/1/2024 - 3/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.95E+00	0.00E+00	1.95E+00
Co-58	<2.16E+00	0.00E+00	2.16E+00
Fe-59	<4.43E+00	0.00E+00	4.43E+00
Co-60	<2.30E+00	0.00E+00	2.30E+00
Zn-65	<4.28E+00	0.00E+00	4.28E+00
Zr-95	<4.35E+00	0.00E+00	4.35E+00
Nb-95	<3.11E+00	0.00E+00	3.11E+00
I-131	<1.18E+01	0.00E+00	1.18E+01
Cs-134	<2.28E+00	0.00E+00	2.28E+00
Cs-137	<2.01E+00	0.00E+00	2.01E+00
BaLa-140	<4.60E+00	0.00E+00	4.60E+00
H3SW	<-8.3E+01	0.00E+00	2.06E+02

Sample ID: 609936 **Sample Dates: 3/1/2024 - 4/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.92E+00	0.00E+00	1.92E+00
Co-58	<2.36E+00	0.00E+00	2.36E+00
Fe-59	<4.94E+00	0.00E+00	4.94E+00
Co-60	<1.78E+00	0.00E+00	1.78E+00
Zn-65	<4.77E+00	0.00E+00	4.77E+00
Zr-95	<4.12E+00	0.00E+00	4.12E+00
Nb-95	<2.99E+00	0.00E+00	2.99E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<2.22E+00	0.00E+00	2.22E+00
Cs-137	<1.56E+00	0.00E+00	1.56E+00
BaLa-140	<6.58E+00	0.00E+00	6.58E+00
H3SW	<-3.8E+01	0.00E+00	1.86E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 401 [INDICATOR - SSW @ 4.82 miles]

Sample ID: 607664 **Sample Dates: 4/1/2024 - 5/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.61E+00	0.00E+00	1.61E+00
Co-58	<1.77E+00	0.00E+00	1.77E+00
Fe-59	<3.90E+00	0.00E+00	3.90E+00
Co-60	<1.67E+00	0.00E+00	1.67E+00
Zn-65	<3.36E+00	0.00E+00	3.36E+00
Zr-95	<3.19E+00	0.00E+00	3.19E+00
Nb-95	<2.37E+00	0.00E+00	2.37E+00
I-131	<1.17E+01	0.00E+00	1.17E+01
Cs-134	<1.54E+00	0.00E+00	1.54E+00
Cs-137	<1.62E+00	0.00E+00	1.62E+00
BaLa-140	<4.91E+00	0.00E+00	4.91E+00
H3SW	<-5.3E+01	0.00E+00	1.90E+02

Sample ID: 611522 **Sample Dates: 5/1/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.57E+00	0.00E+00	1.57E+00
Co-58	<1.54E+00	0.00E+00	1.54E+00
Fe-59	<4.03E+00	0.00E+00	4.03E+00
Co-60	<1.52E+00	0.00E+00	1.52E+00
Zn-65	<3.65E+00	0.00E+00	3.65E+00
Zr-95	<3.35E+00	0.00E+00	3.35E+00
Nb-95	<2.06E+00	0.00E+00	2.06E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<1.57E+00	0.00E+00	1.57E+00
Cs-137	<1.53E+00	0.00E+00	1.53E+00
BaLa-140	<5.33E+00	0.00E+00	5.33E+00
H3SW	<4.09E+01	0.00E+00	1.74E+02

Sample ID: 612720 **Sample Dates: 6/3/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.03E+00	0.00E+00	2.03E+00
Co-58	<2.17E+00	0.00E+00	2.17E+00
Fe-59	<5.20E+00	0.00E+00	5.20E+00
Co-60	<1.90E+00	0.00E+00	1.90E+00
Zn-65	<5.08E+00	0.00E+00	5.08E+00
Zr-95	<4.62E+00	0.00E+00	4.62E+00
Nb-95	<3.47E+00	0.00E+00	3.47E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<2.57E+00	0.00E+00	2.57E+00
Cs-137	<2.45E+00	0.00E+00	2.45E+00
BaLa-140	<7.09E+00	0.00E+00	7.09E+00
H3SW	<-1.1E+02	0.00E+00	2.06E+02

Sample ID: 614481 **Sample Dates: 7/1/2024 - 8/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.07E+00	0.00E+00	2.07E+00
Co-58	<2.23E+00	0.00E+00	2.23E+00
Fe-59	<4.43E+00	0.00E+00	4.43E+00
Co-60	<1.75E+00	0.00E+00	1.75E+00
Zn-65	<3.91E+00	0.00E+00	3.91E+00
Zr-95	<4.02E+00	0.00E+00	4.02E+00
Nb-95	<2.60E+00	0.00E+00	2.60E+00
I-131	<1.24E+01	0.00E+00	1.24E+01
Cs-134	<2.12E+00	0.00E+00	2.12E+00
Cs-137	<1.83E+00	0.00E+00	1.83E+00
BaLa-140	<5.51E+00	0.00E+00	5.51E+00
H3SW	<1.33E+02	0.00E+00	1.80E+02

Sample ID: 616362 **Sample Dates: 8/1/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.78E+00	0.00E+00	2.78E+00
Co-58	<3.38E+00	0.00E+00	3.38E+00
Fe-59	<7.18E+00	0.00E+00	7.18E+00
Co-60	<3.05E+00	0.00E+00	3.05E+00
Zn-65	<5.66E+00	0.00E+00	5.66E+00
Zr-95	<6.64E+00	0.00E+00	6.64E+00
Nb-95	<3.99E+00	0.00E+00	3.99E+00
I-131	<1.24E+01	0.00E+00	1.24E+01
Cs-134	<3.22E+00	0.00E+00	3.22E+00
Cs-137	<2.60E+00	0.00E+00	2.60E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 401 [INDICATOR - SSW @ 4.82 miles]

Sample ID: 616362 Sample Dates: 8/1/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
BaLa-140	<8.97E+00	0.00E+00	8.97E+00
H3SW	<-4.4E+01	0.00E+00	1.91E+02

Sample ID: 618007 Sample Dates: 9/3/2024 - 10/1/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.32E+00	0.00E+00	3.32E+00
Co-58	<3.02E+00	0.00E+00	3.02E+00
Fe-59	<8.29E+00	0.00E+00	8.29E+00
Co-60	<3.48E+00	0.00E+00	3.48E+00
Zn-65	<6.09E+00	0.00E+00	6.09E+00
Zr-95	<6.38E+00	0.00E+00	6.38E+00
Nb-95	<3.25E+00	0.00E+00	3.25E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<3.78E+00	0.00E+00	3.78E+00
Cs-137	<2.40E+00	0.00E+00	2.40E+00
BaLa-140	<5.41E+00	0.00E+00	5.41E+00
H3SW	<-6.2E+01	0.00E+00	2.02E+02

Sample ID: 622611 Sample Dates: 10/1/2024 - 11/5/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.04E+00	0.00E+00	2.04E+00
Co-58	<2.18E+00	0.00E+00	2.18E+00
Fe-59	<4.47E+00	0.00E+00	4.47E+00
Co-60	<1.85E+00	0.00E+00	1.85E+00
Zn-65	<3.80E+00	0.00E+00	3.80E+00
Zr-95	<3.66E+00	0.00E+00	3.66E+00
Nb-95	<3.12E+00	0.00E+00	3.12E+00
I-131	<1.19E+01	0.00E+00	1.19E+01
Cs-134	<2.31E+00	0.00E+00	2.31E+00
Cs-137	<2.03E+00	0.00E+00	2.03E+00
BaLa-140	<4.83E+00	0.00E+00	4.83E+00
H3SW	<4.29E+01	0.00E+00	1.99E+02

Sample ID: 624582 Sample Dates: 11/5/2024 - 12/4/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.55E+00	0.00E+00	2.55E+00
Co-58	<3.43E+00	0.00E+00	3.43E+00
Fe-59	<6.11E+00	0.00E+00	6.11E+00
Co-60	<2.37E+00	0.00E+00	2.37E+00
Zn-65	<5.95E+00	0.00E+00	5.95E+00
Zr-95	<6.61E+00	0.00E+00	6.61E+00
Nb-95	<3.71E+00	0.00E+00	3.71E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.48E+00	0.00E+00	3.48E+00
Cs-137	<2.78E+00	0.00E+00	2.78E+00
BaLa-140	<7.14E+00	0.00E+00	7.14E+00
H3SW	<9.80E+01	0.00E+00	1.88E+02

Sample ID: 625646 Sample Dates: 12/4/2024 - 1/2/2025

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.41E+00	0.00E+00	2.41E+00
Co-58	<2.76E+00	0.00E+00	2.76E+00
Fe-59	<4.35E+00	0.00E+00	4.35E+00
Co-60	<2.02E+00	0.00E+00	2.02E+00
Zn-65	<4.95E+00	0.00E+00	4.95E+00
Zr-95	<5.05E+00	0.00E+00	5.05E+00
Nb-95	<3.07E+00	0.00E+00	3.07E+00
I-131	<1.22E+01	0.00E+00	1.22E+01
Cs-134	<2.67E+00	0.00E+00	2.67E+00
Cs-137	<1.97E+00	0.00E+00	1.97E+00
BaLa-140	<6.52E+00	0.00E+00	6.52E+00
H3SW	<-6.5E+01	0.00E+00	1.86E+02

Sample Point 494 [INDICATOR - -- @ 0 miles]

Sample ID: 602619 Sample Dates: 1/18/2024 - 1/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.70E+00	0.00E+00	5.70E+00
Co-58	<5.83E+00	0.00E+00	5.83E+00
Fe-59	<1.09E+01	0.00E+00	1.09E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 494 [INDICATOR - -- @ 0 miles]

Sample ID: 602619 Sample Dates: 1/18/2024 - 1/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Co-60	<5.45E+00	0.00E+00	5.45E+00
Zn-65	<1.10E+01	0.00E+00	1.10E+01
Zr-95	<1.23E+01	0.00E+00	1.23E+01
Nb-95	<6.57E+00	0.00E+00	6.57E+00
I-131	<6.87E+00	0.00E+00	6.87E+00
Cs-134	<6.98E+00	0.00E+00	6.98E+00
Cs-137	<5.34E+00	0.00E+00	5.34E+00
BaLa-140	<7.86E+00	0.00E+00	7.86E+00
Total-Gam	0.00E+00		
H3SW	<3.76E+01	0.00E+00	1.93E+02

Sample ID: 604053 Sample Dates: 2/22/2024 - 2/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.64E+00	0.00E+00	5.64E+00
Co-58	<6.28E+00	0.00E+00	6.28E+00
Fe-59	<1.33E+01	0.00E+00	1.33E+01
Co-60	<6.31E+00	0.00E+00	6.31E+00
Zn-65	<1.62E+01	0.00E+00	1.62E+01
Zr-95	<1.32E+01	0.00E+00	1.32E+01
Nb-95	<6.78E+00	0.00E+00	6.78E+00
I-131	<1.00E+01	0.00E+00	1.00E+01
Cs-134	<7.70E+00	0.00E+00	7.70E+00
Cs-137	<5.63E+00	0.00E+00	5.63E+00
BaLa-140	<9.49E+00	0.00E+00	9.49E+00
Total-Gam	0.00E+00		
H3SW	<0.00E+00	0.00E+00	1.84E+02

Sample ID: 605274 Sample Dates: 3/25/2024 - 3/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.27E+00	0.00E+00	7.27E+00
Co-58	<6.51E+00	0.00E+00	6.51E+00
Fe-59	<1.28E+01	0.00E+00	1.28E+01
Co-60	<6.92E+00	0.00E+00	6.92E+00
Zn-65	<1.37E+01	0.00E+00	1.37E+01
Zr-95	<1.18E+01	0.00E+00	1.18E+01
Nb-95	<6.17E+00	0.00E+00	6.17E+00
I-131	<6.89E+00	0.00E+00	6.89E+00
Cs-134	<6.96E+00	0.00E+00	6.96E+00
Cs-137	<5.53E+00	0.00E+00	5.53E+00
BaLa-140	<7.98E+00	0.00E+00	7.98E+00
Total-Gam	0.00E+00		
H3SW	<2.89E+01	0.00E+00	1.79E+02

Sample ID: 609181 Sample Dates: 4/17/2024 - 4/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.89E+00	0.00E+00	5.89E+00
Co-58	<7.02E+00	0.00E+00	7.02E+00
Fe-59	<1.24E+01	0.00E+00	1.24E+01
Co-60	<5.86E+00	0.00E+00	5.86E+00
Zn-65	<1.33E+01	0.00E+00	1.33E+01
Zr-95	<1.17E+01	0.00E+00	1.17E+01
Nb-95	<6.38E+00	0.00E+00	6.38E+00
I-131	<7.93E+00	0.00E+00	7.93E+00
Cs-134	<6.59E+00	0.00E+00	6.59E+00
Cs-137	<6.21E+00	0.00E+00	6.21E+00
BaLa-140	<1.13E+01	0.00E+00	1.13E+01
Total-Gam	0.00E+00		
H3SW	<9.35E+01	0.00E+00	1.92E+02

Sample ID: 610940 Sample Dates: 5/22/2024 - 5/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.58E+00	0.00E+00	5.58E+00
Co-58	<5.93E+00	0.00E+00	5.93E+00
Fe-59	<1.02E+01	0.00E+00	1.02E+01
Co-60	<5.69E+00	0.00E+00	5.69E+00
Zn-65	<1.14E+01	0.00E+00	1.14E+01
Zr-95	<1.00E+01	0.00E+00	1.00E+01
Nb-95	<5.41E+00	0.00E+00	5.41E+00
I-131	<9.19E+00	0.00E+00	9.19E+00
Cs-134	<5.81E+00	0.00E+00	5.81E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 494 [INDICATOR - -- @ 0 miles]

Sample ID: 610940 **Sample Dates: 5/22/2024 - 5/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<6.07E+00	0.00E+00	6.07E+00
BaLa-140	<6.17E+00	0.00E+00	6.17E+00
Total-Gam	0.00E+00		
H3SW	<1.93E+01	0.00E+00	1.78E+02

Sample ID: 612454 **Sample Dates: 6/19/2024 - 6/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.16E+00	0.00E+00	3.16E+00
Co-58	<3.78E+00	0.00E+00	3.78E+00
Fe-59	<6.82E+00	0.00E+00	6.82E+00
Co-60	<3.41E+00	0.00E+00	3.41E+00
Zn-65	<6.82E+00	0.00E+00	6.82E+00
Zr-95	<7.07E+00	0.00E+00	7.07E+00
Nb-95	<5.04E+00	0.00E+00	5.04E+00
I-131	<1.20E+01	0.00E+00	1.20E+01
Cs-134	<3.46E+00	0.00E+00	3.46E+00
Cs-137	<3.68E+00	0.00E+00	3.68E+00
BaLa-140	<8.02E+00	0.00E+00	8.02E+00
Total-Gam	0.00E+00		
H3SW	<6.48E+01	0.00E+00	1.88E+02

Sample ID: 614198 **Sample Dates: 7/17/2024 - 7/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.60E+00	0.00E+00	5.60E+00
Co-58	<6.74E+00	0.00E+00	6.74E+00
Fe-59	<9.87E+00	0.00E+00	9.87E+00
Co-60	<5.69E+00	0.00E+00	5.69E+00
Zn-65	<1.08E+01	0.00E+00	1.08E+01
Zr-95	<1.06E+01	0.00E+00	1.06E+01
Nb-95	<5.84E+00	0.00E+00	5.84E+00
I-131	<9.44E+00	0.00E+00	9.44E+00
Cs-134	<5.35E+00	0.00E+00	5.35E+00
Cs-137	<4.40E+00	0.00E+00	4.40E+00
BaLa-140	<5.44E+00	0.00E+00	5.44E+00
Total-Gam	0.00E+00		
H3SW	<-2.9E+01	0.00E+00	1.80E+02

Sample ID: 616000 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.27E+00	0.00E+00	6.27E+00
Co-58	<6.94E+00	0.00E+00	6.94E+00
Fe-59	<9.09E+00	0.00E+00	9.09E+00
Co-60	<7.86E+00	0.00E+00	7.86E+00
Zn-65	<1.39E+01	0.00E+00	1.39E+01
Zr-95	<1.31E+01	0.00E+00	1.31E+01
Nb-95	<7.75E+00	0.00E+00	7.75E+00
I-131	<7.16E+00	0.00E+00	7.16E+00
Cs-134	<7.29E+00	0.00E+00	7.29E+00
Cs-137	<7.99E+00	0.00E+00	7.99E+00
BaLa-140	<7.96E+00	0.00E+00	7.96E+00
Total-Gam	0.00E+00		
H3SW	<-1.3E+02	0.00E+00	2.03E+02

Sample ID: 617692 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.52E+00	0.00E+00	6.52E+00
Co-58	<5.87E+00	0.00E+00	5.87E+00
Fe-59	<1.52E+01	0.00E+00	1.52E+01
Co-60	<7.49E+00	0.00E+00	7.49E+00
Zn-65	<1.33E+01	0.00E+00	1.33E+01
Zr-95	<1.20E+01	0.00E+00	1.20E+01
Nb-95	<6.90E+00	0.00E+00	6.90E+00
I-131	<9.77E+00	0.00E+00	9.77E+00
Cs-134	<9.01E+00	0.00E+00	9.01E+00
Cs-137	<7.66E+00	0.00E+00	7.66E+00
BaLa-140	<6.88E+00	0.00E+00	6.88E+00
Total-Gam	0.00E+00		
H3SW	<-1.3E+01	0.00E+00	1.94E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 494 [INDICATOR - -- @ 0 miles]

Sample ID: 619656 **Sample Dates: 10/16/2024 - 10/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.33E+00	0.00E+00	7.33E+00
Co-58	<7.49E+00	0.00E+00	7.49E+00
Fe-59	<8.42E+00	0.00E+00	8.42E+00
Co-60	<6.19E+00	0.00E+00	6.19E+00
Zn-65	<1.52E+01	0.00E+00	1.52E+01
Zr-95	<1.31E+01	0.00E+00	1.31E+01
Nb-95	<6.47E+00	0.00E+00	6.47E+00
I-131	<9.09E+00	0.00E+00	9.09E+00
Cs-134	<8.42E+00	0.00E+00	8.42E+00
Cs-137	<6.35E+00	0.00E+00	6.35E+00
BaLa-140	<9.76E+00	0.00E+00	9.76E+00
Total-Gam	0.00E+00		
H3SW	<2.93E+01	0.00E+00	1.83E+02

Sample ID: 621393 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.27E+00	0.00E+00	6.27E+00
Co-58	<6.98E+00	0.00E+00	6.98E+00
Fe-59	<1.22E+01	0.00E+00	1.22E+01
Co-60	<6.75E+00	0.00E+00	6.75E+00
Zn-65	<1.29E+01	0.00E+00	1.29E+01
Zr-95	<1.19E+01	0.00E+00	1.19E+01
Nb-95	<7.96E+00	0.00E+00	7.96E+00
I-131	<8.47E+00	0.00E+00	8.47E+00
Cs-134	<6.70E+00	0.00E+00	6.70E+00
Cs-137	<6.35E+00	0.00E+00	6.35E+00
BaLa-140	<8.44E+00	0.00E+00	8.44E+00
Total-Gam	0.00E+00		
H3SW	<1.67E+01	0.00E+00	1.77E+02

Sample ID: 622800 **Sample Dates: 12/17/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.28E+00	0.00E+00	7.28E+00
Co-58	<7.07E+00	0.00E+00	7.07E+00
Fe-59	<1.24E+01	0.00E+00	1.24E+01
Co-60	<7.08E+00	0.00E+00	7.08E+00
Zn-65	<1.38E+01	0.00E+00	1.38E+01
Zr-95	<1.33E+01	0.00E+00	1.33E+01
Nb-95	<7.07E+00	0.00E+00	7.07E+00
I-131	<6.81E+00	0.00E+00	6.81E+00
Cs-134	<6.78E+00	0.00E+00	6.78E+00
Cs-137	<7.13E+00	0.00E+00	7.13E+00
BaLa-140	<9.42E+00	0.00E+00	9.42E+00
Total-Gam	0.00E+00		
H3SW	<1.44E+01	0.00E+00	1.84E+02

Sample Point 495 [INDICATOR - -- @ 0 miles]

Sample ID: 602620 **Sample Dates: 1/18/2024 - 1/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.57E+00	0.00E+00	5.57E+00
Co-58	<6.39E+00	0.00E+00	6.39E+00
Fe-59	<1.12E+01	0.00E+00	1.12E+01
Co-60	<7.32E+00	0.00E+00	7.32E+00
Zn-65	<1.30E+01	0.00E+00	1.30E+01
Zr-95	<1.11E+01	0.00E+00	1.11E+01
Nb-95	<5.52E+00	0.00E+00	5.52E+00
I-131	<7.23E+00	0.00E+00	7.23E+00
Cs-134	<6.23E+00	0.00E+00	6.23E+00
Cs-137	<4.16E+00	0.00E+00	4.16E+00
BaLa-140	<8.92E+00	0.00E+00	8.92E+00
Total-Gam	0.00E+00		
H3SW	<-3.0E+01	0.00E+00	1.94E+02

Sample ID: 604054 **Sample Dates: 2/22/2024 - 2/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.10E+00	0.00E+00	6.10E+00
Co-58	<5.70E+00	0.00E+00	5.70E+00
Fe-59	<1.07E+01	0.00E+00	1.07E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 495 [INDICATOR - -- @ 0 miles]

Sample ID: 604054 Sample Dates: 2/22/2024 - 2/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Co-60	<6.06E+00	0.00E+00	6.06E+00
Zn-65	<1.44E+01	0.00E+00	1.44E+01
Zr-95	<8.88E+00	0.00E+00	8.88E+00
Nb-95	<7.07E+00	0.00E+00	7.07E+00
I-131	<7.64E+00	0.00E+00	7.64E+00
Cs-134	<6.44E+00	0.00E+00	6.44E+00
Cs-137	<5.74E+00	0.00E+00	5.74E+00
BaLa-140	<9.02E+00	0.00E+00	9.02E+00
Total-Gam	0.00E+00		
H3SW	<-9.3E+01	0.00E+00	1.80E+02

Sample ID: 605275 Sample Dates: 3/25/2024 - 3/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.50E+00	0.00E+00	4.50E+00
Co-58	<5.70E+00	0.00E+00	5.70E+00
Fe-59	<1.11E+01	0.00E+00	1.11E+01
Co-60	<5.28E+00	0.00E+00	5.28E+00
Zn-65	<1.43E+01	0.00E+00	1.43E+01
Zr-95	<1.23E+01	0.00E+00	1.23E+01
Nb-95	<6.18E+00	0.00E+00	6.18E+00
I-131	<5.41E+00	0.00E+00	5.41E+00
Cs-134	<6.22E+00	0.00E+00	6.22E+00
Cs-137	<4.62E+00	0.00E+00	4.62E+00
BaLa-140	<8.01E+00	0.00E+00	8.01E+00
Total-Gam	0.00E+00		
H3SW	<4.06E+01	0.00E+00	1.77E+02

Sample ID: 609182 Sample Dates: 4/17/2024 - 4/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.41E+00	0.00E+00	6.41E+00
Co-58	<5.49E+00	0.00E+00	5.49E+00
Fe-59	<8.03E+00	0.00E+00	8.03E+00
Co-60	<4.34E+00	0.00E+00	4.34E+00
Zn-65	<1.30E+01	0.00E+00	1.30E+01
Zr-95	<9.22E+00	0.00E+00	9.22E+00
Nb-95	<6.23E+00	0.00E+00	6.23E+00
I-131	<7.43E+00	0.00E+00	7.43E+00
Cs-134	<6.82E+00	0.00E+00	6.82E+00
Cs-137	<4.83E+00	0.00E+00	4.83E+00
BaLa-140	<7.55E+00	0.00E+00	7.55E+00
Total-Gam	0.00E+00		
H3SW	<4.52E+01	0.00E+00	1.92E+02

Sample ID: 610941 Sample Dates: 5/22/2024 - 5/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.81E+00	0.00E+00	5.81E+00
Co-58	<5.11E+00	0.00E+00	5.11E+00
Fe-59	<1.38E+01	0.00E+00	1.38E+01
Co-60	<7.65E+00	0.00E+00	7.65E+00
Zn-65	<9.81E+00	0.00E+00	9.81E+00
Zr-95	<9.71E+00	0.00E+00	9.71E+00
Nb-95	<7.14E+00	0.00E+00	7.14E+00
I-131	<8.82E+00	0.00E+00	8.82E+00
Cs-134	<7.30E+00	0.00E+00	7.30E+00
Cs-137	<6.79E+00	0.00E+00	6.79E+00
BaLa-140	<9.14E+00	0.00E+00	9.14E+00
Total-Gam	0.00E+00		
H3SW	<8.40E+01	0.00E+00	1.77E+02

Sample ID: 612455 Sample Dates: 6/19/2024 - 6/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.76E+00	0.00E+00	5.76E+00
Co-58	<6.78E+00	0.00E+00	6.78E+00
Fe-59	<1.08E+01	0.00E+00	1.08E+01
Co-60	<6.40E+00	0.00E+00	6.40E+00
Zn-65	<1.30E+01	0.00E+00	1.30E+01
Zr-95	<8.96E+00	0.00E+00	8.96E+00
Nb-95	<6.19E+00	0.00E+00	6.19E+00
I-131	<8.03E+00	0.00E+00	8.03E+00
Cs-134	<6.64E+00	0.00E+00	6.64E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 495 [INDICATOR - -- @ 0 miles]

Sample ID: 612455 **Sample Dates: 6/19/2024 - 6/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<5.91E+00	0.00E+00	5.91E+00
BaLa-140	<6.20E+00	0.00E+00	6.20E+00
Total-Gam	0.00E+00		
H3SW	<9.93E+01	0.00E+00	1.88E+02

Sample ID: 614199 **Sample Dates: 7/17/2024 - 7/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.04E+00	0.00E+00	7.04E+00
Co-58	<6.09E+00	0.00E+00	6.09E+00
Fe-59	<1.16E+01	0.00E+00	1.16E+01
Co-60	<3.92E+00	0.00E+00	3.92E+00
Zn-65	<1.25E+01	0.00E+00	1.25E+01
Zr-95	<9.11E+00	0.00E+00	9.11E+00
Nb-95	<7.08E+00	0.00E+00	7.08E+00
I-131	<9.76E+00	0.00E+00	9.76E+00
Cs-134	<6.92E+00	0.00E+00	6.92E+00
Cs-137	<6.79E+00	0.00E+00	6.79E+00
BaLa-140	<1.10E+01	0.00E+00	1.10E+01
Total-Gam	0.00E+00		
H3SW	<-1.9E+01	0.00E+00	1.80E+02

Sample ID: 616001 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.36E+00	0.00E+00	5.36E+00
Co-58	<4.04E+00	0.00E+00	4.04E+00
Fe-59	<1.38E+01	0.00E+00	1.38E+01
Co-60	<5.68E+00	0.00E+00	5.68E+00
Zn-65	<1.13E+01	0.00E+00	1.13E+01
Zr-95	<7.89E+00	0.00E+00	7.89E+00
Nb-95	<5.66E+00	0.00E+00	5.66E+00
I-131	<7.00E+00	0.00E+00	7.00E+00
Cs-134	<7.34E+00	0.00E+00	7.34E+00
Cs-137	<5.21E+00	0.00E+00	5.21E+00
BaLa-140	<6.78E+00	0.00E+00	6.78E+00
Total-Gam	0.00E+00		
H3SW	<-1.0E+02	0.00E+00	2.03E+02

Sample ID: 617693 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.09E+00	0.00E+00	6.09E+00
Co-58	<4.86E+00	0.00E+00	4.86E+00
Fe-59	<9.44E+00	0.00E+00	9.44E+00
Co-60	<5.29E+00	0.00E+00	5.29E+00
Zn-65	<7.71E+00	0.00E+00	7.71E+00
Zr-95	<9.22E+00	0.00E+00	9.22E+00
Nb-95	<6.41E+00	0.00E+00	6.41E+00
I-131	<7.21E+00	0.00E+00	7.21E+00
Cs-134	<5.33E+00	0.00E+00	5.33E+00
Cs-137	<5.03E+00	0.00E+00	5.03E+00
BaLa-140	<6.80E+00	0.00E+00	6.80E+00
Total-Gam	0.00E+00		
H3SW	<-2.2E+01	0.00E+00	1.95E+02

Sample ID: 619657 **Sample Dates: 10/16/2024 - 10/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.93E+00	0.00E+00	5.93E+00
Co-58	<5.09E+00	0.00E+00	5.09E+00
Fe-59	<1.12E+01	0.00E+00	1.12E+01
Co-60	<6.72E+00	0.00E+00	6.72E+00
Zn-65	<1.19E+01	0.00E+00	1.19E+01
Zr-95	<1.02E+01	0.00E+00	1.02E+01
Nb-95	<6.08E+00	0.00E+00	6.08E+00
I-131	<7.39E+00	0.00E+00	7.39E+00
Cs-134	<6.82E+00	0.00E+00	6.82E+00
Cs-137	<5.03E+00	0.00E+00	5.03E+00
BaLa-140	<6.82E+00	0.00E+00	6.82E+00
Total-Gam	0.00E+00		
H3SW	<-7.3E+00	0.00E+00	1.81E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 495 [INDICATOR - -- @ 0 miles]

Sample ID: 621394 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.59E+00	0.00E+00	6.59E+00
Co-58	<5.68E+00	0.00E+00	5.68E+00
Fe-59	<1.21E+01	0.00E+00	1.21E+01
Co-60	<6.19E+00	0.00E+00	6.19E+00
Zn-65	<1.16E+01	0.00E+00	1.16E+01
Zr-95	<8.37E+00	0.00E+00	8.37E+00
Nb-95	<4.59E+00	0.00E+00	4.59E+00
I-131	<9.43E+00	0.00E+00	9.43E+00
Cs-134	<4.64E+00	0.00E+00	4.64E+00
Cs-137	<5.37E+00	0.00E+00	5.37E+00
BaLa-140	<8.13E+00	0.00E+00	8.13E+00
Total-Gam	0.00E+00		
H3SW	<-1.9E+01	0.00E+00	1.76E+02

Sample ID: 622801 **Sample Dates: 12/17/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.53E+00	0.00E+00	5.53E+00
Co-58	<4.72E+00	0.00E+00	4.72E+00
Fe-59	<1.11E+01	0.00E+00	1.11E+01
Co-60	<4.34E+00	0.00E+00	4.34E+00
Zn-65	<1.00E+01	0.00E+00	1.00E+01
Zr-95	<8.92E+00	0.00E+00	8.92E+00
Nb-95	<5.71E+00	0.00E+00	5.71E+00
I-131	<5.64E+00	0.00E+00	5.64E+00
Cs-134	<6.61E+00	0.00E+00	6.61E+00
Cs-137	<6.22E+00	0.00E+00	6.22E+00
BaLa-140	<6.42E+00	0.00E+00	6.42E+00
Total-Gam	0.00E+00		
H3SW	<-8.4E+01	0.00E+00	1.84E+02

Sample Point 496 [INDICATOR - -- @ 0 miles]

Sample ID: 602621 **Sample Dates: 1/18/2024 - 1/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.17E+00	0.00E+00	6.17E+00
Co-58	<5.72E+00	0.00E+00	5.72E+00
Fe-59	<1.27E+01	0.00E+00	1.27E+01
Co-60	<5.07E+00	0.00E+00	5.07E+00
Zn-65	<9.79E+00	0.00E+00	9.79E+00
Zr-95	<1.03E+01	0.00E+00	1.03E+01
Nb-95	<7.33E+00	0.00E+00	7.33E+00
I-131	<9.06E+00	0.00E+00	9.06E+00
Cs-134	<6.70E+00	0.00E+00	6.70E+00
Cs-137	<5.99E+00	0.00E+00	5.99E+00
BaLa-140	<8.71E+00	0.00E+00	8.71E+00
Total-Gam	0.00E+00		
H3SW	<4.05E+01	0.00E+00	1.94E+02

Sample ID: 604055 **Sample Dates: 2/22/2024 - 2/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.35E+00	0.00E+00	6.35E+00
Co-58	<6.49E+00	0.00E+00	6.49E+00
Fe-59	<1.22E+01	0.00E+00	1.22E+01
Co-60	<4.54E+00	0.00E+00	4.54E+00
Zn-65	<1.41E+01	0.00E+00	1.41E+01
Zr-95	<1.16E+01	0.00E+00	1.16E+01
Nb-95	<6.53E+00	0.00E+00	6.53E+00
I-131	<7.86E+00	0.00E+00	7.86E+00
Cs-134	<5.81E+00	0.00E+00	5.81E+00
Cs-137	<6.16E+00	0.00E+00	6.16E+00
BaLa-140	<7.22E+00	0.00E+00	7.22E+00
Total-Gam	0.00E+00		
H3SW	<-1.2E+01	0.00E+00	1.81E+02

Sample ID: 605276 **Sample Dates: 3/25/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.56E+00	0.00E+00	5.56E+00
Co-58	<5.35E+00	0.00E+00	5.35E+00
Fe-59	<1.11E+01	0.00E+00	1.11E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 496 [INDICATOR - -- @ 0 miles]

Sample ID: 605276 Sample Dates: 3/25/2024 - 3/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Co-60	<5.94E+00	0.00E+00	5.94E+00
Zn-65	<1.17E+01	0.00E+00	1.17E+01
Zr-95	<9.64E+00	0.00E+00	9.64E+00
Nb-95	<5.95E+00	0.00E+00	5.95E+00
I-131	<5.91E+00	0.00E+00	5.91E+00
Cs-134	<7.81E+00	0.00E+00	7.81E+00
Cs-137	<6.64E+00	0.00E+00	6.64E+00
BaLa-140	<6.73E+00	0.00E+00	6.73E+00
Total-Gam	0.00E+00		
H3SW	<-2.4E+01	0.00E+00	1.77E+02

Sample ID: 609183 Sample Dates: 4/17/2024 - 4/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.15E+00	0.00E+00	7.15E+00
Co-58	<5.72E+00	0.00E+00	5.72E+00
Fe-59	<9.13E+00	0.00E+00	9.13E+00
Co-60	<5.95E+00	0.00E+00	5.95E+00
Zn-65	<1.35E+01	0.00E+00	1.35E+01
Zr-95	<1.03E+01	0.00E+00	1.03E+01
Nb-95	<6.31E+00	0.00E+00	6.31E+00
I-131	<6.57E+00	0.00E+00	6.57E+00
Cs-134	<7.10E+00	0.00E+00	7.10E+00
Cs-137	<6.16E+00	0.00E+00	6.16E+00
BaLa-140	<8.65E+00	0.00E+00	8.65E+00
Total-Gam	0.00E+00		
H3SW	<1.86E+01	0.00E+00	1.92E+02

Sample ID: 610942 Sample Dates: 5/22/2024 - 5/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.27E+00	0.00E+00	6.27E+00
Co-58	<6.29E+00	0.00E+00	6.29E+00
Fe-59	<1.19E+01	0.00E+00	1.19E+01
Co-60	<6.72E+00	0.00E+00	6.72E+00
Zn-65	<1.25E+01	0.00E+00	1.25E+01
Zr-95	<9.69E+00	0.00E+00	9.69E+00
Nb-95	<6.03E+00	0.00E+00	6.03E+00
I-131	<7.65E+00	0.00E+00	7.65E+00
Cs-134	<7.53E+00	0.00E+00	7.53E+00
Cs-137	<5.74E+00	0.00E+00	5.74E+00
BaLa-140	<7.24E+00	0.00E+00	7.24E+00
Total-Gam	0.00E+00		
H3SW	<5.04E+01	0.00E+00	1.77E+02

Sample ID: 612456 Sample Dates: 6/19/2024 - 6/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.20E+00	0.00E+00	5.20E+00
Co-58	<5.78E+00	0.00E+00	5.78E+00
Fe-59	<1.06E+01	0.00E+00	1.06E+01
Co-60	<7.35E+00	0.00E+00	7.35E+00
Zn-65	<1.25E+01	0.00E+00	1.25E+01
Zr-95	<9.33E+00	0.00E+00	9.33E+00
Nb-95	<7.48E+00	0.00E+00	7.48E+00
I-131	<8.88E+00	0.00E+00	8.88E+00
Cs-134	<6.91E+00	0.00E+00	6.91E+00
Cs-137	<6.49E+00	0.00E+00	6.49E+00
BaLa-140	<1.11E+01	0.00E+00	1.11E+01
Total-Gam	0.00E+00		
H3SW	<7.70E+01	0.00E+00	1.88E+02

Sample ID: 614200 Sample Dates: 7/17/2024 - 7/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.06E+00	0.00E+00	5.06E+00
Co-58	<6.63E+00	0.00E+00	6.63E+00
Fe-59	<9.29E+00	0.00E+00	9.29E+00
Co-60	<4.42E+00	0.00E+00	4.42E+00
Zn-65	<1.42E+01	0.00E+00	1.42E+01
Zr-95	<8.41E+00	0.00E+00	8.41E+00
Nb-95	<5.45E+00	0.00E+00	5.45E+00
I-131	<9.79E+00	0.00E+00	9.79E+00
Cs-134	<6.51E+00	0.00E+00	6.51E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 496 [INDICATOR - -- @ 0 miles]

Sample ID: 614200 **Sample Dates: 7/17/2024 - 7/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<6.14E+00	0.00E+00	6.14E+00
BaLa-140	<8.13E+00	0.00E+00	8.13E+00
Total-Gam	0.00E+00		
H3SW	<7.21E+00	0.00E+00	1.80E+02

Sample ID: 616002 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.95E+00	0.00E+00	5.95E+00
Co-58	<5.03E+00	0.00E+00	5.03E+00
Fe-59	<1.19E+01	0.00E+00	1.19E+01
Co-60	<6.83E+00	0.00E+00	6.83E+00
Zn-65	<1.36E+01	0.00E+00	1.36E+01
Zr-95	<8.74E+00	0.00E+00	8.74E+00
Nb-95	<5.71E+00	0.00E+00	5.71E+00
I-131	<7.14E+00	0.00E+00	7.14E+00
Cs-134	<6.87E+00	0.00E+00	6.87E+00
Cs-137	<5.46E+00	0.00E+00	5.46E+00
BaLa-140	<8.12E+00	0.00E+00	8.12E+00
Total-Gam	0.00E+00		
H3SW	<-1.5E+01	0.00E+00	2.02E+02

Sample ID: 617694 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.29E+00	0.00E+00	5.29E+00
Co-58	<6.79E+00	0.00E+00	6.79E+00
Fe-59	<1.18E+01	0.00E+00	1.18E+01
Co-60	<6.42E+00	0.00E+00	6.42E+00
Zn-65	<1.07E+01	0.00E+00	1.07E+01
Zr-95	<1.33E+01	0.00E+00	1.33E+01
Nb-95	<7.48E+00	0.00E+00	7.48E+00
I-131	<8.88E+00	0.00E+00	8.88E+00
Cs-134	<7.45E+00	0.00E+00	7.45E+00
Cs-137	<6.63E+00	0.00E+00	6.63E+00
BaLa-140	<9.45E+00	0.00E+00	9.45E+00
Total-Gam	0.00E+00		
H3SW	<-1.1E+01	0.00E+00	1.95E+02

Sample ID: 619658 **Sample Dates: 10/16/2024 - 10/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.47E+00	0.00E+00	6.47E+00
Co-58	<6.62E+00	0.00E+00	6.62E+00
Fe-59	<1.18E+01	0.00E+00	1.18E+01
Co-60	<8.60E+00	0.00E+00	8.60E+00
Zn-65	<1.48E+01	0.00E+00	1.48E+01
Zr-95	<1.12E+01	0.00E+00	1.12E+01
Nb-95	<7.49E+00	0.00E+00	7.49E+00
I-131	<9.08E+00	0.00E+00	9.08E+00
Cs-134	<6.63E+00	0.00E+00	6.63E+00
Cs-137	<6.13E+00	0.00E+00	6.13E+00
BaLa-140	<1.22E+01	0.00E+00	1.22E+01
Total-Gam	0.00E+00		
H3SW	<-4.9E+00	0.00E+00	1.82E+02

Sample ID: 621395 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.18E+00	0.00E+00	6.18E+00
Co-58	<7.66E+00	0.00E+00	7.66E+00
Fe-59	<1.25E+01	0.00E+00	1.25E+01
Co-60	<5.87E+00	0.00E+00	5.87E+00
Zn-65	<1.44E+01	0.00E+00	1.44E+01
Zr-95	<1.28E+01	0.00E+00	1.28E+01
Nb-95	<5.75E+00	0.00E+00	5.75E+00
I-131	<9.19E+00	0.00E+00	9.19E+00
Cs-134	<7.97E+00	0.00E+00	7.97E+00
Cs-137	<7.24E+00	0.00E+00	7.24E+00
BaLa-140	<1.16E+01	0.00E+00	1.16E+01
Total-Gam	0.00E+00		
H3SW	<1.19E+01	0.00E+00	1.76E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 496 [INDICATOR - -- @ 0 miles]

Sample ID: 622802 Sample Dates: 12/17/2024 - 12/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.25E+00	0.00E+00	5.25E+00
Co-58	<6.42E+00	0.00E+00	6.42E+00
Fe-59	<1.32E+01	0.00E+00	1.32E+01
Co-60	<6.02E+00	0.00E+00	6.02E+00
Zn-65	<1.46E+01	0.00E+00	1.46E+01
Zr-95	<1.15E+01	0.00E+00	1.15E+01
Nb-95	<5.90E+00	0.00E+00	5.90E+00
I-131	<6.72E+00	0.00E+00	6.72E+00
Cs-134	<7.43E+00	0.00E+00	7.43E+00
Cs-137	<7.39E+00	0.00E+00	7.39E+00
BaLa-140	<7.44E+00	0.00E+00	7.44E+00
Total-Gam	0.00E+00		
H3SW	<-7.0E+01	0.00E+00	1.84E+02

Sample Point 497 [INDICATOR - -- @ 0 miles]

Sample ID: 602622 Sample Dates: 1/18/2024 - 1/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.23E+00	0.00E+00	5.23E+00
Co-58	<6.11E+00	0.00E+00	6.11E+00
Fe-59	<1.02E+01	0.00E+00	1.02E+01
Co-60	<6.84E+00	0.00E+00	6.84E+00
Zn-65	<1.09E+01	0.00E+00	1.09E+01
Zr-95	<9.31E+00	0.00E+00	9.31E+00
Nb-95	<6.13E+00	0.00E+00	6.13E+00
I-131	<9.17E+00	0.00E+00	9.17E+00
Cs-134	<5.38E+00	0.00E+00	5.38E+00
Cs-137	<5.64E+00	0.00E+00	5.64E+00
BaLa-140	<7.76E+00	0.00E+00	7.76E+00
Total-Gam	0.00E+00		
H3SW	<4.58E+01	0.00E+00	1.94E+02

Sample ID: 604056 Sample Dates: 2/22/2024 - 2/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.62E+00	0.00E+00	5.62E+00
Co-58	<5.35E+00	0.00E+00	5.35E+00
Fe-59	<1.41E+01	0.00E+00	1.41E+01
Co-60	<4.93E+00	0.00E+00	4.93E+00
Zn-65	<1.26E+01	0.00E+00	1.26E+01
Zr-95	<1.18E+01	0.00E+00	1.18E+01
Nb-95	<4.95E+00	0.00E+00	4.95E+00
I-131	<8.04E+00	0.00E+00	8.04E+00
Cs-134	<7.59E+00	0.00E+00	7.59E+00
Cs-137	<4.45E+00	0.00E+00	4.45E+00
BaLa-140	<7.02E+00	0.00E+00	7.02E+00
Total-Gam	0.00E+00		
H3SW	<-4.3E+01	0.00E+00	1.80E+02

Sample ID: 605277 Sample Dates: 3/25/2024 - 3/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.99E+00	0.00E+00	4.99E+00
Co-58	<5.75E+00	0.00E+00	5.75E+00
Fe-59	<9.10E+00	0.00E+00	9.10E+00
Co-60	<3.81E+00	0.00E+00	3.81E+00
Zn-65	<1.20E+01	0.00E+00	1.20E+01
Zr-95	<7.45E+00	0.00E+00	7.45E+00
Nb-95	<4.63E+00	0.00E+00	4.63E+00
I-131	<5.93E+00	0.00E+00	5.93E+00
Cs-134	<7.40E+00	0.00E+00	7.40E+00
Cs-137	<5.27E+00	0.00E+00	5.27E+00
BaLa-140	<6.54E+00	0.00E+00	6.54E+00
Total-Gam	0.00E+00		
H3SW	<-2.2E+01	0.00E+00	1.77E+02

Sample ID: 609184 Sample Dates: 4/17/2024 - 4/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.63E+00	0.00E+00	6.63E+00
Co-58	<4.15E+00	0.00E+00	4.15E+00
Fe-59	<1.27E+01	0.00E+00	1.27E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 497 [INDICATOR - -- @ 0 miles]

Sample ID: 609184 Sample Dates: 4/17/2024 - 4/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Co-60	<4.42E+00	0.00E+00	4.42E+00
Zn-65	<1.09E+01	0.00E+00	1.09E+01
Zr-95	<1.06E+01	0.00E+00	1.06E+01
Nb-95	<6.46E+00	0.00E+00	6.46E+00
I-131	<7.55E+00	0.00E+00	7.55E+00
Cs-134	<6.88E+00	0.00E+00	6.88E+00
Cs-137	<4.45E+00	0.00E+00	4.45E+00
BaLa-140	<7.70E+00	0.00E+00	7.70E+00
Total-Gam	0.00E+00		
H3SW	<-1.6E+01	0.00E+00	1.92E+02

Sample ID: 610943 Sample Dates: 5/22/2024 - 5/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.30E+00	0.00E+00	5.30E+00
Co-58	<5.21E+00	0.00E+00	5.21E+00
Fe-59	<1.20E+01	0.00E+00	1.20E+01
Co-60	<7.50E+00	0.00E+00	7.50E+00
Zn-65	<1.21E+01	0.00E+00	1.21E+01
Zr-95	<8.66E+00	0.00E+00	8.66E+00
Nb-95	<7.28E+00	0.00E+00	7.28E+00
I-131	<8.07E+00	0.00E+00	8.07E+00
Cs-134	<6.84E+00	0.00E+00	6.84E+00
Cs-137	<5.35E+00	0.00E+00	5.35E+00
BaLa-140	<8.55E+00	0.00E+00	8.55E+00
Total-Gam	0.00E+00		
H3SW	<5.52E+01	0.00E+00	1.77E+02

Sample ID: 612457 Sample Dates: 6/19/2024 - 6/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.49E+00	0.00E+00	6.49E+00
Co-58	<6.16E+00	0.00E+00	6.16E+00
Fe-59	<1.15E+01	0.00E+00	1.15E+01
Co-60	<6.51E+00	0.00E+00	6.51E+00
Zn-65	<1.42E+01	0.00E+00	1.42E+01
Zr-95	<7.79E+00	0.00E+00	7.79E+00
Nb-95	<6.43E+00	0.00E+00	6.43E+00
I-131	<8.46E+00	0.00E+00	8.46E+00
Cs-134	<7.25E+00	0.00E+00	7.25E+00
Cs-137	<5.08E+00	0.00E+00	5.08E+00
BaLa-140	<8.93E+00	0.00E+00	8.93E+00
Total-Gam	0.00E+00		
H3SW	<1.48E+01	0.00E+00	1.87E+02

Sample ID: 614201 Sample Dates: 7/17/2024 - 7/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.85E+00	0.00E+00	4.85E+00
Co-58	<5.78E+00	0.00E+00	5.78E+00
Fe-59	<1.18E+01	0.00E+00	1.18E+01
Co-60	<8.11E+00	0.00E+00	8.11E+00
Zn-65	<1.28E+01	0.00E+00	1.28E+01
Zr-95	<7.31E+00	0.00E+00	7.31E+00
Nb-95	<5.98E+00	0.00E+00	5.98E+00
I-131	<9.78E+00	0.00E+00	9.78E+00
Cs-134	<7.83E+00	0.00E+00	7.83E+00
Cs-137	<5.75E+00	0.00E+00	5.75E+00
BaLa-140	<5.84E+00	0.00E+00	5.84E+00
Total-Gam	0.00E+00		
H3SW	<2.38E+01	0.00E+00	1.79E+02

Sample ID: 616003 Sample Dates: 8/19/2024 - 8/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.07E+00	0.00E+00	6.07E+00
Co-58	<6.65E+00	0.00E+00	6.65E+00
Fe-59	<1.15E+01	0.00E+00	1.15E+01
Co-60	<5.64E+00	0.00E+00	5.64E+00
Zn-65	<1.20E+01	0.00E+00	1.20E+01
Zr-95	<1.03E+01	0.00E+00	1.03E+01
Nb-95	<6.54E+00	0.00E+00	6.54E+00
I-131	<5.81E+00	0.00E+00	5.81E+00
Cs-134	<5.65E+00	0.00E+00	5.65E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 497 [INDICATOR - -- @ 0 miles]

Sample ID: 616003 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<6.11E+00	0.00E+00	6.11E+00
BaLa-140	<6.51E+00	0.00E+00	6.51E+00
Total-Gam	0.00E+00		
H3SW	<-1.5E+02	0.00E+00	2.02E+02

Sample ID: 617695 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.31E+00	0.00E+00	6.31E+00
Co-58	<6.10E+00	0.00E+00	6.10E+00
Fe-59	<1.07E+01	0.00E+00	1.07E+01
Co-60	<4.93E+00	0.00E+00	4.93E+00
Zn-65	<1.31E+01	0.00E+00	1.31E+01
Zr-95	<8.55E+00	0.00E+00	8.55E+00
Nb-95	<5.75E+00	0.00E+00	5.75E+00
I-131	<8.14E+00	0.00E+00	8.14E+00
Cs-134	<6.49E+00	0.00E+00	6.49E+00
Cs-137	<4.67E+00	0.00E+00	4.67E+00
BaLa-140	<5.97E+00	0.00E+00	5.97E+00
Total-Gam	0.00E+00		
H3SW	<1.62E+01	0.00E+00	1.95E+02

Sample ID: 619659 **Sample Dates: 10/16/2024 - 10/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.62E+00	0.00E+00	5.62E+00
Co-58	<5.93E+00	0.00E+00	5.93E+00
Fe-59	<1.48E+01	0.00E+00	1.48E+01
Co-60	<7.44E+00	0.00E+00	7.44E+00
Zn-65	<8.71E+00	0.00E+00	8.71E+00
Zr-95	<6.73E+00	0.00E+00	6.73E+00
Nb-95	<5.15E+00	0.00E+00	5.15E+00
I-131	<9.41E+00	0.00E+00	9.41E+00
Cs-134	<5.12E+00	0.00E+00	5.12E+00
Cs-137	<4.88E+00	0.00E+00	4.88E+00
BaLa-140	<8.47E+00	0.00E+00	8.47E+00
Total-Gam	0.00E+00		
H3SW	<-5.3E+01	0.00E+00	1.81E+02

Sample ID: 621396 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.19E+00	0.00E+00	6.19E+00
Co-58	<7.54E+00	0.00E+00	7.54E+00
Fe-59	<1.18E+01	0.00E+00	1.18E+01
Co-60	<6.31E+00	0.00E+00	6.31E+00
Zn-65	<1.24E+01	0.00E+00	1.24E+01
Zr-95	<1.29E+01	0.00E+00	1.29E+01
Nb-95	<7.78E+00	0.00E+00	7.78E+00
I-131	<1.00E+01	0.00E+00	1.00E+01
Cs-134	<8.20E+00	0.00E+00	8.20E+00
Cs-137	<6.02E+00	0.00E+00	6.02E+00
BaLa-140	<9.04E+00	0.00E+00	9.04E+00
Total-Gam	0.00E+00		
H3SW	<2.38E+00	0.00E+00	1.76E+02

Sample ID: 622803 **Sample Dates: 12/17/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.73E+00	0.00E+00	6.73E+00
Co-58	<3.75E+00	0.00E+00	3.75E+00
Fe-59	<9.11E+00	0.00E+00	9.11E+00
Co-60	<6.15E+00	0.00E+00	6.15E+00
Zn-65	<1.53E+01	0.00E+00	1.53E+01
Zr-95	<1.03E+01	0.00E+00	1.03E+01
Nb-95	<5.76E+00	0.00E+00	5.76E+00
I-131	<6.25E+00	0.00E+00	6.25E+00
Cs-134	<6.27E+00	0.00E+00	6.27E+00
Cs-137	<5.64E+00	0.00E+00	5.64E+00
BaLa-140	<7.15E+00	0.00E+00	7.15E+00
Total-Gam	0.00E+00		
H3SW	<-8.4E+01	0.00E+00	1.84E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 498 [INDICATOR - -- @ 0 miles]

Sample ID: 602623 Sample Dates: 1/18/2024 - 1/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.47E+00	0.00E+00	6.47E+00
Co-58	<6.04E+00	0.00E+00	6.04E+00
Fe-59	<1.24E+01	0.00E+00	1.24E+01
Co-60	<5.17E+00	0.00E+00	5.17E+00
Zn-65	<1.53E+01	0.00E+00	1.53E+01
Zr-95	<9.42E+00	0.00E+00	9.42E+00
Nb-95	<5.42E+00	0.00E+00	5.42E+00
I-131	<7.63E+00	0.00E+00	7.63E+00
Cs-134	<6.16E+00	0.00E+00	6.16E+00
Cs-137	<6.93E+00	0.00E+00	6.93E+00
BaLa-140	<7.30E+00	0.00E+00	7.30E+00
Total-Gam	0.00E+00		
H3SW	<8.90E+01	0.00E+00	1.94E+02

Sample ID: 604057 Sample Dates: 2/22/2024 - 2/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.71E+00	0.00E+00	5.71E+00
Co-58	<5.85E+00	0.00E+00	5.85E+00
Fe-59	<1.13E+01	0.00E+00	1.13E+01
Co-60	<6.46E+00	0.00E+00	6.46E+00
Zn-65	<1.38E+01	0.00E+00	1.38E+01
Zr-95	<1.02E+01	0.00E+00	1.02E+01
Nb-95	<5.67E+00	0.00E+00	5.67E+00
I-131	<9.03E+00	0.00E+00	9.03E+00
Cs-134	<6.16E+00	0.00E+00	6.16E+00
Cs-137	<5.34E+00	0.00E+00	5.34E+00
BaLa-140	<7.37E+00	0.00E+00	7.37E+00
Total-Gam	0.00E+00		
H3SW	<0.00E+00	0.00E+00	1.79E+02

Sample ID: 605278 Sample Dates: 3/25/2024 - 3/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.52E+00	0.00E+00	4.52E+00
Co-58	<5.24E+00	0.00E+00	5.24E+00
Fe-59	<1.23E+01	0.00E+00	1.23E+01
Co-60	<3.99E+00	0.00E+00	3.99E+00
Zn-65	<1.26E+01	0.00E+00	1.26E+01
Zr-95	<1.08E+01	0.00E+00	1.08E+01
Nb-95	<5.70E+00	0.00E+00	5.70E+00
I-131	<6.16E+00	0.00E+00	6.16E+00
Cs-134	<6.15E+00	0.00E+00	6.15E+00
Cs-137	<7.66E+00	0.00E+00	7.66E+00
BaLa-140	<6.16E+00	0.00E+00	6.16E+00
Total-Gam	0.00E+00		
H3SW	<6.69E+01	0.00E+00	1.77E+02

Sample ID: 609185 Sample Dates: 4/17/2024 - 4/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.29E+00	0.00E+00	6.29E+00
Co-58	<6.78E+00	0.00E+00	6.78E+00
Fe-59	<1.18E+01	0.00E+00	1.18E+01
Co-60	<6.07E+00	0.00E+00	6.07E+00
Zn-65	<1.14E+01	0.00E+00	1.14E+01
Zr-95	<1.12E+01	0.00E+00	1.12E+01
Nb-95	<5.84E+00	0.00E+00	5.84E+00
I-131	<7.53E+00	0.00E+00	7.53E+00
Cs-134	<5.39E+00	0.00E+00	5.39E+00
Cs-137	<6.62E+00	0.00E+00	6.62E+00
BaLa-140	<9.49E+00	0.00E+00	9.49E+00
Total-Gam	0.00E+00		
H3SW	<1.07E+01	0.00E+00	1.92E+02

Sample ID: 610944 Sample Dates: 5/22/2024 - 5/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.72E+00	0.00E+00	5.72E+00
Co-58	<4.54E+00	0.00E+00	4.54E+00
Fe-59	<1.31E+01	0.00E+00	1.31E+01
Co-60	<6.87E+00	0.00E+00	6.87E+00
Zn-65	<1.38E+01	0.00E+00	1.38E+01
Zr-95	<7.93E+00	0.00E+00	7.93E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 498 [INDICATOR - -- @ 0 miles]

Sample ID: 610944 **Sample Dates: 5/22/2024 - 5/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<5.56E+00	0.00E+00	5.56E+00
I-131	<8.98E+00	0.00E+00	8.98E+00
Cs-134	<5.96E+00	0.00E+00	5.96E+00
Cs-137	<4.97E+00	0.00E+00	4.97E+00
BaLa-140	<1.08E+01	0.00E+00	1.08E+01
Total-Gam	0.00E+00		
H3SW	<6.00E+01	0.00E+00	1.77E+02

Sample ID: 612458 **Sample Dates: 6/19/2024 - 6/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.92E+00	0.00E+00	5.92E+00
Co-58	<5.45E+00	0.00E+00	5.45E+00
Fe-59	<9.47E+00	0.00E+00	9.47E+00
Co-60	<6.46E+00	0.00E+00	6.46E+00
Zn-65	<1.08E+01	0.00E+00	1.08E+01
Zr-95	<9.10E+00	0.00E+00	9.10E+00
Nb-95	<6.58E+00	0.00E+00	6.58E+00
I-131	<8.78E+00	0.00E+00	8.78E+00
Cs-134	<7.63E+00	0.00E+00	7.63E+00
Cs-137	<5.75E+00	0.00E+00	5.75E+00
BaLa-140	<7.70E+00	0.00E+00	7.70E+00
Total-Gam	0.00E+00		
H3SW	<4.47E+01	0.00E+00	1.88E+02

Sample ID: 614202 **Sample Dates: 7/17/2024 - 7/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.78E+00	0.00E+00	6.78E+00
Co-58	<5.14E+00	0.00E+00	5.14E+00
Fe-59	<1.13E+01	0.00E+00	1.13E+01
Co-60	<4.95E+00	0.00E+00	4.95E+00
Zn-65	<1.17E+01	0.00E+00	1.17E+01
Zr-95	<1.05E+01	0.00E+00	1.05E+01
Nb-95	<6.60E+00	0.00E+00	6.60E+00
I-131	<1.06E+01	0.00E+00	1.06E+01
Cs-134	<5.97E+00	0.00E+00	5.97E+00
Cs-137	<5.91E+00	0.00E+00	5.91E+00
BaLa-140	<1.07E+01	0.00E+00	1.07E+01
Total-Gam	0.00E+00		
H3SW	<1.19E+01	0.00E+00	1.79E+02

Sample ID: 616004 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.29E+00	0.00E+00	5.29E+00
Co-58	<4.89E+00	0.00E+00	4.89E+00
Fe-59	<1.20E+01	0.00E+00	1.20E+01
Co-60	<5.40E+00	0.00E+00	5.40E+00
Zn-65	<1.37E+01	0.00E+00	1.37E+01
Zr-95	<9.27E+00	0.00E+00	9.27E+00
Nb-95	<5.03E+00	0.00E+00	5.03E+00
I-131	<6.35E+00	0.00E+00	6.35E+00
Cs-134	<5.71E+00	0.00E+00	5.71E+00
Cs-137	<4.75E+00	0.00E+00	4.75E+00
BaLa-140	<8.14E+00	0.00E+00	8.14E+00
Total-Gam	0.00E+00		
H3SW	<-1.5E+02	0.00E+00	2.03E+02

Sample ID: 617696 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.81E+00	0.00E+00	6.81E+00
Co-58	<6.04E+00	0.00E+00	6.04E+00
Fe-59	<1.00E+01	0.00E+00	1.00E+01
Co-60	<7.17E+00	0.00E+00	7.17E+00
Zn-65	<1.07E+01	0.00E+00	1.07E+01
Zr-95	<1.02E+01	0.00E+00	1.02E+01
Nb-95	<5.18E+00	0.00E+00	5.18E+00
I-131	<7.58E+00	0.00E+00	7.58E+00
Cs-134	<5.66E+00	0.00E+00	5.66E+00
Cs-137	<5.75E+00	0.00E+00	5.75E+00
BaLa-140	<9.53E+00	0.00E+00	9.53E+00
Total-Gam	0.00E+00		

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 498 [INDICATOR - -- @ 0 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
617696	9/18/2024 - 9/18/2024	H3SW	<-2.7E+01	0.00E+00	1.95E+02
619660	10/16/2024 - 10/16/2024	Mn-54	<5.91E+00	0.00E+00	5.91E+00
		Co-58	<6.04E+00	0.00E+00	6.04E+00
		Fe-59	<1.24E+01	0.00E+00	1.24E+01
		Co-60	<5.64E+00	0.00E+00	5.64E+00
		Zn-65	<1.33E+01	0.00E+00	1.33E+01
		Zr-95	<1.02E+01	0.00E+00	1.02E+01
		Nb-95	<7.48E+00	0.00E+00	7.48E+00
		I-131	<8.51E+00	0.00E+00	8.51E+00
		Cs-134	<5.92E+00	0.00E+00	5.92E+00
		Cs-137	<7.38E+00	0.00E+00	7.38E+00
		BaLa-140	<5.00E+00	0.00E+00	5.00E+00
		Total-Gam	0.00E+00		
		H3SW	<4.89E+00	0.00E+00	1.83E+02
621397	11/20/2024 - 11/20/2024	Mn-54	<4.99E+00	0.00E+00	4.99E+00
		Co-58	<6.10E+00	0.00E+00	6.10E+00
		Fe-59	<1.40E+01	0.00E+00	1.40E+01
		Co-60	<3.75E+00	0.00E+00	3.75E+00
		Zn-65	<1.30E+01	0.00E+00	1.30E+01
		Zr-95	<1.00E+01	0.00E+00	1.00E+01
		Nb-95	<6.52E+00	0.00E+00	6.52E+00
		I-131	<8.04E+00	0.00E+00	8.04E+00
		Cs-134	<7.01E+00	0.00E+00	7.01E+00
		Cs-137	<4.40E+00	0.00E+00	4.40E+00
		BaLa-140	<9.31E+00	0.00E+00	9.31E+00
		Total-Gam	0.00E+00		
		H3SW	<-4.1E+01	0.00E+00	1.76E+02
622804	12/17/2024 - 12/17/2024	Mn-54	<5.47E+00	0.00E+00	5.47E+00
		Co-58	<4.52E+00	0.00E+00	4.52E+00
		Fe-59	<9.56E+00	0.00E+00	9.56E+00
		Co-60	<6.45E+00	0.00E+00	6.45E+00
		Zn-65	<9.06E+00	0.00E+00	9.06E+00
		Zr-95	<9.10E+00	0.00E+00	9.10E+00
		Nb-95	<5.70E+00	0.00E+00	5.70E+00
		I-131	<6.69E+00	0.00E+00	6.69E+00
		Cs-134	<7.02E+00	0.00E+00	7.02E+00
		Cs-137	<5.35E+00	0.00E+00	5.35E+00
		BaLa-140	<6.88E+00	0.00E+00	6.88E+00
		Total-Gam	0.00E+00		
		H3SW	<-9.7E+00	0.00E+00	1.85E+02

Sample Point 499 [CONTROL - -- @ 0 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602624	1/18/2024 - 1/18/2024	Mn-54	<4.88E+00	0.00E+00	4.88E+00
		Co-58	<5.43E+00	0.00E+00	5.43E+00
		Fe-59	<1.08E+01	0.00E+00	1.08E+01
		Co-60	<5.40E+00	0.00E+00	5.40E+00
		Zn-65	<6.57E+00	0.00E+00	6.57E+00
		Zr-95	<1.05E+01	0.00E+00	1.05E+01
		Nb-95	<6.05E+00	0.00E+00	6.05E+00
		I-131	<8.43E+00	0.00E+00	8.43E+00
		Cs-134	<6.18E+00	0.00E+00	6.18E+00
		Cs-137	<4.97E+00	0.00E+00	4.97E+00
		BaLa-140	<1.03E+01	0.00E+00	1.03E+01
		Total-Gam	0.00E+00		
		H3SW	<-2.7E+01	0.00E+00	1.95E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 499 [CONTROL - -- @ 0 miles]

Sample ID: 604058 **Sample Dates: 2/22/2024 - 2/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.32E+00	0.00E+00	5.32E+00
Co-58	<4.23E+00	0.00E+00	4.23E+00
Fe-59	<9.67E+00	0.00E+00	9.67E+00
Co-60	<4.95E+00	0.00E+00	4.95E+00
Zn-65	<1.22E+01	0.00E+00	1.22E+01
Zr-95	<1.02E+01	0.00E+00	1.02E+01
Nb-95	<5.26E+00	0.00E+00	5.26E+00
I-131	<9.08E+00	0.00E+00	9.08E+00
Cs-134	<5.72E+00	0.00E+00	5.72E+00
Cs-137	<5.37E+00	0.00E+00	5.37E+00
BaLa-140	<8.59E+00	0.00E+00	8.59E+00
Total-Gam	0.00E+00		
H3SW	<2.13E+01	0.00E+00	1.79E+02

Sample ID: 605279 **Sample Dates: 3/25/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.69E+00	0.00E+00	7.69E+00
Co-58	<4.84E+00	0.00E+00	4.84E+00
Fe-59	<1.35E+01	0.00E+00	1.35E+01
Co-60	<5.39E+00	0.00E+00	5.39E+00
Zn-65	<1.41E+01	0.00E+00	1.41E+01
Zr-95	<1.11E+01	0.00E+00	1.11E+01
Nb-95	<6.35E+00	0.00E+00	6.35E+00
I-131	<6.23E+00	0.00E+00	6.23E+00
Cs-134	<4.92E+00	0.00E+00	4.92E+00
Cs-137	<6.71E+00	0.00E+00	6.71E+00
BaLa-140	<5.88E+00	0.00E+00	5.88E+00
Total-Gam	0.00E+00		
H3SW	<-2.4E+01	0.00E+00	1.77E+02

Sample ID: 609186 **Sample Dates: 4/17/2024 - 4/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.07E+00	0.00E+00	6.07E+00
Co-58	<4.99E+00	0.00E+00	4.99E+00
Fe-59	<1.67E+01	0.00E+00	1.67E+01
Co-60	<5.40E+00	0.00E+00	5.40E+00
Zn-65	<1.33E+01	0.00E+00	1.33E+01
Zr-95	<1.05E+01	0.00E+00	1.05E+01
Nb-95	<5.45E+00	0.00E+00	5.45E+00
I-131	<8.35E+00	0.00E+00	8.35E+00
Cs-134	<5.21E+00	0.00E+00	5.21E+00
Cs-137	<4.53E+00	0.00E+00	4.53E+00
BaLa-140	<9.67E+00	0.00E+00	9.67E+00
Total-Gam	0.00E+00		
H3SW	<3.19E+01	0.00E+00	1.92E+02

Sample ID: 610945 **Sample Dates: 5/22/2024 - 5/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.71E+00	0.00E+00	6.71E+00
Co-58	<6.37E+00	0.00E+00	6.37E+00
Fe-59	<1.28E+01	0.00E+00	1.28E+01
Co-60	<6.31E+00	0.00E+00	6.31E+00
Zn-65	<1.18E+01	0.00E+00	1.18E+01
Zr-95	<1.11E+01	0.00E+00	1.11E+01
Nb-95	<7.17E+00	0.00E+00	7.17E+00
I-131	<1.12E+01	0.00E+00	1.12E+01
Cs-134	<7.69E+00	0.00E+00	7.69E+00
Cs-137	<5.66E+00	0.00E+00	5.66E+00
BaLa-140	<1.10E+01	0.00E+00	1.10E+01
Total-Gam	0.00E+00		
H3SW	<9.60E+00	0.00E+00	1.77E+02

Sample ID: 612459 **Sample Dates: 6/19/2024 - 6/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.66E+00	0.00E+00	4.66E+00
Co-58	<5.70E+00	0.00E+00	5.70E+00
Fe-59	<1.04E+01	0.00E+00	1.04E+01
Co-60	<4.44E+00	0.00E+00	4.44E+00
Zn-65	<9.61E+00	0.00E+00	9.61E+00
Zr-95	<8.80E+00	0.00E+00	8.80E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 499 [CONTROL - -- @ 0 miles]

Sample ID: 612459 Sample Dates: 6/19/2024 - 6/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<6.17E+00	0.00E+00	6.17E+00
I-131	<8.46E+00	0.00E+00	8.46E+00
Cs-134	<6.40E+00	0.00E+00	6.40E+00
Cs-137	<6.08E+00	0.00E+00	6.08E+00
BaLa-140	<1.03E+01	0.00E+00	1.03E+01
Total-Gam	0.00E+00		
H3SW	<7.23E+01	0.00E+00	1.88E+02

Sample ID: 614203 Sample Dates: 7/17/2024 - 7/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.70E+00	0.00E+00	7.70E+00
Co-58	<4.82E+00	0.00E+00	4.82E+00
Fe-59	<1.26E+01	0.00E+00	1.26E+01
Co-60	<6.91E+00	0.00E+00	6.91E+00
Zn-65	<1.54E+01	0.00E+00	1.54E+01
Zr-95	<1.20E+01	0.00E+00	1.20E+01
Nb-95	<8.31E+00	0.00E+00	8.31E+00
I-131	<1.24E+01	0.00E+00	1.24E+01
Cs-134	<7.35E+00	0.00E+00	7.35E+00
Cs-137	<6.19E+00	0.00E+00	6.19E+00
BaLa-140	<9.08E+00	0.00E+00	9.08E+00
Total-Gam	0.00E+00		
H3SW	<-4.8E+01	0.00E+00	1.80E+02

Sample ID: 616005 Sample Dates: 8/19/2024 - 8/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.09E+00	0.00E+00	7.09E+00
Co-58	<4.27E+00	0.00E+00	4.27E+00
Fe-59	<1.34E+01	0.00E+00	1.34E+01
Co-60	<9.79E+00	0.00E+00	9.79E+00
Zn-65	<1.52E+01	0.00E+00	1.52E+01
Zr-95	<1.14E+01	0.00E+00	1.14E+01
Nb-95	<7.54E+00	0.00E+00	7.54E+00
I-131	<8.06E+00	0.00E+00	8.06E+00
Cs-134	<6.60E+00	0.00E+00	6.60E+00
Cs-137	<6.19E+00	0.00E+00	6.19E+00
BaLa-140	<9.68E+00	0.00E+00	9.68E+00
Total-Gam	0.00E+00		
H3SW	<-2.5E+01	0.00E+00	2.02E+02

Sample ID: 617697 Sample Dates: 9/18/2024 - 9/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.19E+00	0.00E+00	7.19E+00
Co-58	<4.22E+00	0.00E+00	4.22E+00
Fe-59	<1.24E+01	0.00E+00	1.24E+01
Co-60	<6.54E+00	0.00E+00	6.54E+00
Zn-65	<1.03E+01	0.00E+00	1.03E+01
Zr-95	<1.02E+01	0.00E+00	1.02E+01
Nb-95	<5.24E+00	0.00E+00	5.24E+00
I-131	<8.77E+00	0.00E+00	8.77E+00
Cs-134	<5.21E+00	0.00E+00	5.21E+00
Cs-137	<4.75E+00	0.00E+00	4.75E+00
BaLa-140	<7.77E+00	0.00E+00	7.77E+00
Total-Gam	0.00E+00		
H3SW	<-2.7E+00	0.00E+00	1.94E+02

Sample ID: 619661 Sample Dates: 10/16/2024 - 10/16/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.42E+00	0.00E+00	6.42E+00
Co-58	<5.22E+00	0.00E+00	5.22E+00
Fe-59	<1.09E+01	0.00E+00	1.09E+01
Co-60	<7.18E+00	0.00E+00	7.18E+00
Zn-65	<1.27E+01	0.00E+00	1.27E+01
Zr-95	<7.37E+00	0.00E+00	7.37E+00
Nb-95	<5.67E+00	0.00E+00	5.67E+00
I-131	<8.59E+00	0.00E+00	8.59E+00
Cs-134	<6.18E+00	0.00E+00	6.18E+00
Cs-137	<5.37E+00	0.00E+00	5.37E+00
BaLa-140	<9.16E+00	0.00E+00	9.16E+00
Total-Gam	0.00E+00		

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 499 [CONTROL - -- @ 0 miles]

Sample ID:	619661	Sample Dates: 10/16/2024 - 10/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3SW	<-3.9E+01	0.00E+00	1.81E+02

Sample ID:	621398	Sample Dates: 11/20/2024 - 11/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.73E+00	0.00E+00	5.73E+00
			Co-58	<5.93E+00	0.00E+00	5.93E+00
			Fe-59	<1.25E+01	0.00E+00	1.25E+01
			Co-60	<7.45E+00	0.00E+00	7.45E+00
			Zn-65	<1.27E+01	0.00E+00	1.27E+01
			Zr-95	<1.34E+01	0.00E+00	1.34E+01
			Nb-95	<8.52E+00	0.00E+00	8.52E+00
			I-131	<9.30E+00	0.00E+00	9.30E+00
			Cs-134	<7.26E+00	0.00E+00	7.26E+00
			Cs-137	<7.95E+00	0.00E+00	7.95E+00
			BaLa-140	<1.06E+01	0.00E+00	1.06E+01
			Total-Gam	0.00E+00		
			H3SW	<-5.3E+01	0.00E+00	1.77E+02

Sample ID:	622805	Sample Dates: 12/17/2024 - 12/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.85E+00	0.00E+00	4.85E+00
			Co-58	<5.06E+00	0.00E+00	5.06E+00
			Fe-59	<1.31E+01	0.00E+00	1.31E+01
			Co-60	<6.18E+00	0.00E+00	6.18E+00
			Zn-65	<1.21E+01	0.00E+00	1.21E+01
			Zr-95	<1.08E+01	0.00E+00	1.08E+01
			Nb-95	<5.69E+00	0.00E+00	5.69E+00
			I-131	<6.55E+00	0.00E+00	6.55E+00
			Cs-134	<5.46E+00	0.00E+00	5.46E+00
			Cs-137	<5.56E+00	0.00E+00	5.56E+00
			BaLa-140	<7.18E+00	0.00E+00	7.18E+00
			Total-Gam	0.00E+00		
			H3SW	<7.17E+00	0.00E+00	1.84E+02

Sample Point 604 [INDICATOR - -- @ 0 miles]

Sample ID:	602625	Sample Dates: 1/18/2024 - 1/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.50E+00	0.00E+00	5.50E+00
			Co-58	<5.12E+00	0.00E+00	5.12E+00
			Fe-59	<1.28E+01	0.00E+00	1.28E+01
			Co-60	<6.64E+00	0.00E+00	6.64E+00
			Zn-65	<1.31E+01	0.00E+00	1.31E+01
			Zr-95	<1.23E+01	0.00E+00	1.23E+01
			Nb-95	<7.10E+00	0.00E+00	7.10E+00
			I-131	<7.87E+00	0.00E+00	7.87E+00
			Cs-134	<6.42E+00	0.00E+00	6.42E+00
			Cs-137	<6.35E+00	0.00E+00	6.35E+00
			BaLa-140	<6.47E+00	0.00E+00	6.47E+00
			Total-Gam	0.00E+00		
			H3SW	<1.91E+02	0.00E+00	1.94E+02

Sample ID:	604059	Sample Dates: 2/22/2024 - 2/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.51E+00	0.00E+00	5.51E+00
			Co-58	<6.70E+00	0.00E+00	6.70E+00
			Fe-59	<1.11E+01	0.00E+00	1.11E+01
			Co-60	<7.71E+00	0.00E+00	7.71E+00
			Zn-65	<1.53E+01	0.00E+00	1.53E+01
			Zr-95	<1.20E+01	0.00E+00	1.20E+01
			Nb-95	<8.30E+00	0.00E+00	8.30E+00
			I-131	<8.85E+00	0.00E+00	8.85E+00
			Cs-134	<7.55E+00	0.00E+00	7.55E+00
			Cs-137	<6.17E+00	0.00E+00	6.17E+00
			BaLa-140	<9.22E+00	0.00E+00	9.22E+00
			Total-Gam	0.00E+00		
			H3SW	<4.97E+01	0.00E+00	1.79E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 604 [INDICATOR - -- @ 0 miles]

Sample ID: 605280 **Sample Dates: 3/25/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.91E+00	0.00E+00	5.91E+00
Co-58	<5.46E+00	0.00E+00	5.46E+00
Fe-59	<7.55E+00	0.00E+00	7.55E+00
Co-60	<5.31E+00	0.00E+00	5.31E+00
Zn-65	<1.41E+01	0.00E+00	1.41E+01
Zr-95	<1.31E+01	0.00E+00	1.31E+01
Nb-95	<6.32E+00	0.00E+00	6.32E+00
I-131	<5.12E+00	0.00E+00	5.12E+00
Cs-134	<5.88E+00	0.00E+00	5.88E+00
Cs-137	<6.16E+00	0.00E+00	6.16E+00
BaLa-140	<8.29E+00	0.00E+00	8.29E+00
Total-Gam	0.00E+00		
H3SW	<1.36E+02	0.00E+00	1.77E+02

Sample ID: 609187 **Sample Dates: 4/17/2024 - 4/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.35E+00	0.00E+00	6.35E+00
Co-58	<5.11E+00	0.00E+00	5.11E+00
Fe-59	<9.62E+00	0.00E+00	9.62E+00
Co-60	<6.64E+00	0.00E+00	6.64E+00
Zn-65	<1.31E+01	0.00E+00	1.31E+01
Zr-95	<9.36E+00	0.00E+00	9.36E+00
Nb-95	<6.70E+00	0.00E+00	6.70E+00
I-131	<7.43E+00	0.00E+00	7.43E+00
Cs-134	<7.33E+00	0.00E+00	7.33E+00
Cs-137	<5.56E+00	0.00E+00	5.56E+00
BaLa-140	<7.42E+00	0.00E+00	7.42E+00
Total-Gam	0.00E+00		
H3SW	<4.76E+01	0.00E+00	1.91E+02

Sample ID: 610946 **Sample Dates: 5/22/2024 - 5/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.76E+00	0.00E+00	5.76E+00
Co-58	<5.14E+00	0.00E+00	5.14E+00
Fe-59	<1.33E+01	0.00E+00	1.33E+01
Co-60	<8.36E+00	0.00E+00	8.36E+00
Zn-65	<8.62E+00	0.00E+00	8.62E+00
Zr-95	<1.29E+01	0.00E+00	1.29E+01
Nb-95	<7.33E+00	0.00E+00	7.33E+00
I-131	<7.74E+00	0.00E+00	7.74E+00
Cs-134	<7.19E+00	0.00E+00	7.19E+00
Cs-137	<5.74E+00	0.00E+00	5.74E+00
BaLa-140	<8.76E+00	0.00E+00	8.76E+00
Total-Gam	0.00E+00		
H3SW	<4.78E+00	0.00E+00	1.77E+02

Sample ID: 612460 **Sample Dates: 6/19/2024 - 6/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.14E+00	0.00E+00	6.14E+00
Co-58	<6.32E+00	0.00E+00	6.32E+00
Fe-59	<9.29E+00	0.00E+00	9.29E+00
Co-60	<7.30E+00	0.00E+00	7.30E+00
Zn-65	<1.54E+01	0.00E+00	1.54E+01
Zr-95	<1.10E+01	0.00E+00	1.10E+01
Nb-95	<7.27E+00	0.00E+00	7.27E+00
I-131	<1.16E+01	0.00E+00	1.16E+01
Cs-134	<7.11E+00	0.00E+00	7.11E+00
Cs-137	<6.59E+00	0.00E+00	6.59E+00
BaLa-140	<1.27E+01	0.00E+00	1.27E+01
Total-Gam	0.00E+00		
H3SW	<4.99E+01	0.00E+00	1.88E+02

Sample ID: 614204 **Sample Dates: 7/17/2024 - 7/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.90E+00	0.00E+00	6.90E+00
Co-58	<6.31E+00	0.00E+00	6.31E+00
Fe-59	<1.16E+01	0.00E+00	1.16E+01
Co-60	<5.51E+00	0.00E+00	5.51E+00
Zn-65	<1.56E+01	0.00E+00	1.56E+01
Zr-95	<1.26E+01	0.00E+00	1.26E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 604 [INDICATOR - -- @ 0 miles]

Sample ID: 614204 **Sample Dates: 7/17/2024 - 7/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<7.63E+00	0.00E+00	7.63E+00
I-131	<1.02E+01	0.00E+00	1.02E+01
Cs-134	<6.95E+00	0.00E+00	6.95E+00
Cs-137	<7.68E+00	0.00E+00	7.68E+00
BaLa-140	<9.30E+00	0.00E+00	9.30E+00
Total-Gam	0.00E+00		
H3SW	<1.11E+02	0.00E+00	1.80E+02

Sample ID: 616006 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.83E+00	0.00E+00	6.83E+00
Co-58	<4.21E+00	0.00E+00	4.21E+00
Fe-59	<1.40E+01	0.00E+00	1.40E+01
Co-60	<6.99E+00	0.00E+00	6.99E+00
Zn-65	<1.04E+01	0.00E+00	1.04E+01
Zr-95	<1.08E+01	0.00E+00	1.08E+01
Nb-95	<5.91E+00	0.00E+00	5.91E+00
I-131	<7.61E+00	0.00E+00	7.61E+00
Cs-134	<7.67E+00	0.00E+00	7.67E+00
Cs-137	<5.47E+00	0.00E+00	5.47E+00
BaLa-140	<7.72E+00	0.00E+00	7.72E+00
Total-Gam	0.00E+00		
H3SW	<-4.0E+01	0.00E+00	2.02E+02

Sample ID: 617698 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.00E+00	0.00E+00	6.00E+00
Co-58	<5.08E+00	0.00E+00	5.08E+00
Fe-59	<9.81E+00	0.00E+00	9.81E+00
Co-60	<7.00E+00	0.00E+00	7.00E+00
Zn-65	<1.24E+01	0.00E+00	1.24E+01
Zr-95	<1.13E+01	0.00E+00	1.13E+01
Nb-95	<6.87E+00	0.00E+00	6.87E+00
I-131	<9.67E+00	0.00E+00	9.67E+00
Cs-134	<8.83E+00	0.00E+00	8.83E+00
Cs-137	<5.84E+00	0.00E+00	5.84E+00
BaLa-140	<1.04E+01	0.00E+00	1.04E+01
Total-Gam	0.00E+00		
H3SW	<-1.9E+01	0.00E+00	1.94E+02

Sample ID: 619662 **Sample Dates: 10/16/2024 - 10/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.94E+00	0.00E+00	6.94E+00
Co-58	<6.67E+00	0.00E+00	6.67E+00
Fe-59	<1.47E+01	0.00E+00	1.47E+01
Co-60	<7.49E+00	0.00E+00	7.49E+00
Zn-65	<1.33E+01	0.00E+00	1.33E+01
Zr-95	<1.24E+01	0.00E+00	1.24E+01
Nb-95	<7.73E+00	0.00E+00	7.73E+00
I-131	<1.09E+01	0.00E+00	1.09E+01
Cs-134	<8.82E+00	0.00E+00	8.82E+00
Cs-137	<6.55E+00	0.00E+00	6.55E+00
BaLa-140	<6.94E+00	0.00E+00	6.94E+00
Total-Gam	0.00E+00		
H3SW	<1.15E+02	0.00E+00	1.83E+02

Sample ID: 621399 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.07E+00	0.00E+00	5.07E+00
Co-58	<6.09E+00	0.00E+00	6.09E+00
Fe-59	<1.14E+01	0.00E+00	1.14E+01
Co-60	<1.16E+00	0.00E+00	1.16E+00
Zn-65	<1.21E+01	0.00E+00	1.21E+01
Zr-95	<1.06E+01	0.00E+00	1.06E+01
Nb-95	<6.55E+00	0.00E+00	6.55E+00
I-131	<8.64E+00	0.00E+00	8.64E+00
Cs-134	<7.63E+00	0.00E+00	7.63E+00
Cs-137	<6.62E+00	0.00E+00	6.62E+00
BaLa-140	<7.62E+00	0.00E+00	7.62E+00
Total-Gam	0.00E+00		

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 604 [INDICATOR - -- @ 0 miles]

Sample ID:	621399	Sample Dates: 11/20/2024 - 11/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3SW	<7.62E+01	0.00E+00	1.76E+02

Sample ID:	622806	Sample Dates: 12/17/2024 - 12/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.70E+00	0.00E+00	5.70E+00
			Co-58	<5.91E+00	0.00E+00	5.91E+00
			Fe-59	<9.25E+00	0.00E+00	9.25E+00
			Co-60	<7.45E+00	0.00E+00	7.45E+00
			Zn-65	<1.58E+01	0.00E+00	1.58E+01
			Zr-95	<9.09E+00	0.00E+00	9.09E+00
			Nb-95	<6.69E+00	0.00E+00	6.69E+00
			I-131	<6.21E+00	0.00E+00	6.21E+00
			Cs-134	<7.33E+00	0.00E+00	7.33E+00
			Cs-137	<5.37E+00	0.00E+00	5.37E+00
			BaLa-140	<6.40E+00	0.00E+00	6.40E+00
			Total-Gam	0.00E+00		
			H3SW	<-4.3E+01	0.00E+00	1.85E+02

Sample Point 607 [INDICATOR - -- @ 0 miles]

Sample ID:	602626	Sample Dates: 1/18/2024 - 1/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.87E+00	0.00E+00	7.87E+00
			Co-58	<6.50E+00	0.00E+00	6.50E+00
			Fe-59	<1.11E+01	0.00E+00	1.11E+01
			Co-60	<6.31E+00	0.00E+00	6.31E+00
			Zn-65	<1.40E+01	0.00E+00	1.40E+01
			Zr-95	<1.07E+01	0.00E+00	1.07E+01
			Nb-95	<7.51E+00	0.00E+00	7.51E+00
			I-131	<7.52E+00	0.00E+00	7.52E+00
			Cs-134	<7.32E+00	0.00E+00	7.32E+00
			Cs-137	<6.52E+00	0.00E+00	6.52E+00
			BaLa-140	<7.94E+00	0.00E+00	7.94E+00
			Total-Gam	0.00E+00		
			H3SW	<6.95E+01	0.00E+00	1.92E+02

Sample ID:	604060	Sample Dates: 2/22/2024 - 2/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.62E+00	0.00E+00	5.62E+00
			Co-58	<5.54E+00	0.00E+00	5.54E+00
			Fe-59	<1.22E+01	0.00E+00	1.22E+01
			Co-60	<5.04E+00	0.00E+00	5.04E+00
			Zn-65	<1.24E+01	0.00E+00	1.24E+01
			Zr-95	<8.88E+00	0.00E+00	8.88E+00
			Nb-95	<6.90E+00	0.00E+00	6.90E+00
			I-131	<1.08E+01	0.00E+00	1.08E+01
			Cs-134	<8.36E+00	0.00E+00	8.36E+00
			Cs-137	<6.83E+00	0.00E+00	6.83E+00
			BaLa-140	<7.18E+00	0.00E+00	7.18E+00
			Total-Gam	0.00E+00		
			H3SW	<-2.4E+00	0.00E+00	1.79E+02

Sample ID:	605281	Sample Dates: 3/25/2024 - 3/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.32E+00	0.00E+00	6.32E+00
			Co-58	<6.95E+00	0.00E+00	6.95E+00
			Fe-59	<7.14E+00	0.00E+00	7.14E+00
			Co-60	<7.31E+00	0.00E+00	7.31E+00
			Zn-65	<1.49E+01	0.00E+00	1.49E+01
			Zr-95	<1.26E+01	0.00E+00	1.26E+01
			Nb-95	<6.62E+00	0.00E+00	6.62E+00
			I-131	<6.69E+00	0.00E+00	6.69E+00
			Cs-134	<7.48E+00	0.00E+00	7.48E+00
			Cs-137	<5.66E+00	0.00E+00	5.66E+00
			BaLa-140	<5.18E+00	0.00E+00	5.18E+00
			Total-Gam	0.00E+00		
			H3SW	<2.16E+01	0.00E+00	1.78E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 607 [INDICATOR - -- @ 0 miles]

Sample ID: 609188 Sample Dates: 4/17/2024 - 4/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.51E+00	0.00E+00	5.51E+00
Co-58	<6.19E+00	0.00E+00	6.19E+00
Fe-59	<1.38E+01	0.00E+00	1.38E+01
Co-60	<5.45E+00	0.00E+00	5.45E+00
Zn-65	<1.22E+01	0.00E+00	1.22E+01
Zr-95	<1.08E+01	0.00E+00	1.08E+01
Nb-95	<7.92E+00	0.00E+00	7.92E+00
I-131	<8.74E+00	0.00E+00	8.74E+00
Cs-134	<6.79E+00	0.00E+00	6.79E+00
Cs-137	<5.71E+00	0.00E+00	5.71E+00
BaLa-140	<9.19E+00	0.00E+00	9.19E+00
Total-Gam	0.00E+00		
H3SW	<-1.3E+01	0.00E+00	1.91E+02

Sample ID: 610947 Sample Dates: 5/22/2024 - 5/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.53E+00	0.00E+00	6.53E+00
Co-58	<5.98E+00	0.00E+00	5.98E+00
Fe-59	<1.12E+01	0.00E+00	1.12E+01
Co-60	<6.34E+00	0.00E+00	6.34E+00
Zn-65	<1.30E+01	0.00E+00	1.30E+01
Zr-95	<1.11E+01	0.00E+00	1.11E+01
Nb-95	<7.15E+00	0.00E+00	7.15E+00
I-131	<9.45E+00	0.00E+00	9.45E+00
Cs-134	<7.11E+00	0.00E+00	7.11E+00
Cs-137	<6.16E+00	0.00E+00	6.16E+00
BaLa-140	<7.54E+00	0.00E+00	7.54E+00
Total-Gam	0.00E+00		
H3SW	<7.64E+01	0.00E+00	1.77E+02

Sample ID: 612461 Sample Dates: 6/19/2024 - 6/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.42E+00	0.00E+00	5.42E+00
Co-58	<6.91E+00	0.00E+00	6.91E+00
Fe-59	<1.28E+01	0.00E+00	1.28E+01
Co-60	<6.67E+00	0.00E+00	6.67E+00
Zn-65	<1.35E+01	0.00E+00	1.35E+01
Zr-95	<9.75E+00	0.00E+00	9.75E+00
Nb-95	<5.66E+00	0.00E+00	5.66E+00
I-131	<1.03E+01	0.00E+00	1.03E+01
Cs-134	<8.21E+00	0.00E+00	8.21E+00
Cs-137	<5.47E+00	0.00E+00	5.47E+00
BaLa-140	<9.82E+00	0.00E+00	9.82E+00
Total-Gam	0.00E+00		
H3SW	<4.99E+00	0.00E+00	1.88E+02

Sample ID: 614205 Sample Dates: 7/17/2024 - 7/17/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.61E+00	0.00E+00	5.61E+00
Co-58	<5.66E+00	0.00E+00	5.66E+00
Fe-59	<1.41E+01	0.00E+00	1.41E+01
Co-60	<5.69E+00	0.00E+00	5.69E+00
Zn-65	<1.15E+01	0.00E+00	1.15E+01
Zr-95	<1.06E+01	0.00E+00	1.06E+01
Nb-95	<7.46E+00	0.00E+00	7.46E+00
I-131	<8.95E+00	0.00E+00	8.95E+00
Cs-134	<5.59E+00	0.00E+00	5.59E+00
Cs-137	<4.83E+00	0.00E+00	4.83E+00
BaLa-140	<1.11E+01	0.00E+00	1.11E+01
Total-Gam	0.00E+00		
H3SW	<2.39E+00	0.00E+00	1.80E+02

Sample ID: 616007 Sample Dates: 8/19/2024 - 8/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.27E+00	0.00E+00	6.27E+00
Co-58	<6.31E+00	0.00E+00	6.31E+00
Fe-59	<1.07E+01	0.00E+00	1.07E+01
Co-60	<5.08E+00	0.00E+00	5.08E+00
Zn-65	<1.39E+01	0.00E+00	1.39E+01
Zr-95	<1.10E+01	0.00E+00	1.10E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 607 [INDICATOR - -- @ 0 miles]

Sample ID: 616007 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<7.76E+00	0.00E+00	7.76E+00
I-131	<7.87E+00	0.00E+00	7.87E+00
Cs-134	<8.60E+00	0.00E+00	8.60E+00
Cs-137	<1.01E+01	0.00E+00	1.01E+01
BaLa-140	<8.73E+00	0.00E+00	8.73E+00
Total-Gam	0.00E+00		
H3SW	<-7.0E+01	0.00E+00	2.03E+02

Sample ID: 617699 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.33E+00	0.00E+00	7.33E+00
Co-58	<5.70E+00	0.00E+00	5.70E+00
Fe-59	<1.52E+01	0.00E+00	1.52E+01
Co-60	<6.19E+00	0.00E+00	6.19E+00
Zn-65	<1.39E+01	0.00E+00	1.39E+01
Zr-95	<1.16E+01	0.00E+00	1.16E+01
Nb-95	<7.90E+00	0.00E+00	7.90E+00
I-131	<8.76E+00	0.00E+00	8.76E+00
Cs-134	<6.53E+00	0.00E+00	6.53E+00
Cs-137	<6.75E+00	0.00E+00	6.75E+00
BaLa-140	<9.75E+00	0.00E+00	9.75E+00
Total-Gam	0.00E+00		
H3SW	<-8.4E+01	0.00E+00	1.95E+02

Sample ID: 619663 **Sample Dates: 10/16/2024 - 10/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.76E+00	0.00E+00	4.76E+00
Co-58	<6.40E+00	0.00E+00	6.40E+00
Fe-59	<1.12E+01	0.00E+00	1.12E+01
Co-60	<1.09E+00	0.00E+00	1.09E+00
Zn-65	<1.08E+01	0.00E+00	1.08E+01
Zr-95	<8.87E+00	0.00E+00	8.87E+00
Nb-95	<6.75E+00	0.00E+00	6.75E+00
I-131	<9.84E+00	0.00E+00	9.84E+00
Cs-134	<5.33E+00	0.00E+00	5.33E+00
Cs-137	<4.83E+00	0.00E+00	4.83E+00
BaLa-140	<6.85E+00	0.00E+00	6.85E+00
Total-Gam	0.00E+00		
H3SW	<2.18E+01	0.00E+00	1.81E+02

Sample ID: 621400 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.72E+00	0.00E+00	5.72E+00
Co-58	<6.26E+00	0.00E+00	6.26E+00
Fe-59	<1.48E+01	0.00E+00	1.48E+01
Co-60	<7.47E+00	0.00E+00	7.47E+00
Zn-65	<1.33E+01	0.00E+00	1.33E+01
Zr-95	<7.92E+00	0.00E+00	7.92E+00
Nb-95	<5.76E+00	0.00E+00	5.76E+00
I-131	<8.50E+00	0.00E+00	8.50E+00
Cs-134	<6.81E+00	0.00E+00	6.81E+00
Cs-137	<5.37E+00	0.00E+00	5.37E+00
BaLa-140	<9.57E+00	0.00E+00	9.57E+00
Total-Gam	0.00E+00		
H3SW	<-2.4E+00	0.00E+00	1.76E+02

Sample ID: 622807 **Sample Dates: 12/17/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.55E+00	0.00E+00	7.55E+00
Co-58	<6.95E+00	0.00E+00	6.95E+00
Fe-59	<1.25E+01	0.00E+00	1.25E+01
Co-60	<6.30E+00	0.00E+00	6.30E+00
Zn-65	<1.70E+01	0.00E+00	1.70E+01
Zr-95	<1.10E+01	0.00E+00	1.10E+01
Nb-95	<7.09E+00	0.00E+00	7.09E+00
I-131	<7.08E+00	0.00E+00	7.08E+00
Cs-134	<7.10E+00	0.00E+00	7.10E+00
Cs-137	<6.83E+00	0.00E+00	6.83E+00
BaLa-140	<7.87E+00	0.00E+00	7.87E+00
Total-Gam	0.00E+00		

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 607 [INDICATOR - -- @ 0 miles]

Sample ID:	622807	Sample Dates: 12/17/2024 - 12/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3SW	<-2.4E+01	0.00E+00	1.84E+02

Sample Point 609 [INDICATOR - -- @ 0 miles]

Sample ID:	602627	Sample Dates: 1/18/2024 - 1/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.01E+00	0.00E+00	6.01E+00
			Co-58	<7.53E+00	0.00E+00	7.53E+00
			Fe-59	<1.46E+01	0.00E+00	1.46E+01
			Co-60	<5.92E+00	0.00E+00	5.92E+00
			Zn-65	<1.35E+01	0.00E+00	1.35E+01
			Zr-95	<1.20E+01	0.00E+00	1.20E+01
			Nb-95	<7.77E+00	0.00E+00	7.77E+00
			I-131	<1.01E+01	0.00E+00	1.01E+01
			Cs-134	<6.73E+00	0.00E+00	6.73E+00
			Cs-137	<5.47E+00	0.00E+00	5.47E+00
			BaLa-140	<7.38E+00	0.00E+00	7.38E+00
			Total-Gam	0.00E+00		
			H3SW	<1.07E+01	0.00E+00	1.92E+02
Sample ID:	604061	Sample Dates: 2/22/2024 - 2/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.37E+00	0.00E+00	6.37E+00
			Co-58	<6.19E+00	0.00E+00	6.19E+00
			Fe-59	<9.97E+00	0.00E+00	9.97E+00
			Co-60	<6.31E+00	0.00E+00	6.31E+00
			Zn-65	<1.50E+01	0.00E+00	1.50E+01
			Zr-95	<1.29E+01	0.00E+00	1.29E+01
			Nb-95	<7.18E+00	0.00E+00	7.18E+00
			I-131	<1.02E+01	0.00E+00	1.02E+01
			Cs-134	<6.93E+00	0.00E+00	6.93E+00
			Cs-137	<6.36E+00	0.00E+00	6.36E+00
			BaLa-140	<9.13E+00	0.00E+00	9.13E+00
			Total-Gam	0.00E+00		
			H3SW	<1.89E+01	0.00E+00	1.79E+02
Sample ID:	605282	Sample Dates: 3/25/2024 - 3/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.61E+00	0.00E+00	4.61E+00
			Co-58	<5.65E+00	0.00E+00	5.65E+00
			Fe-59	<7.87E+00	0.00E+00	7.87E+00
			Co-60	<5.44E+00	0.00E+00	5.44E+00
			Zn-65	<1.55E+01	0.00E+00	1.55E+01
			Zr-95	<1.21E+01	0.00E+00	1.21E+01
			Nb-95	<5.85E+00	0.00E+00	5.85E+00
			I-131	<6.92E+00	0.00E+00	6.92E+00
			Cs-134	<7.51E+00	0.00E+00	7.51E+00
			Cs-137	<6.37E+00	0.00E+00	6.37E+00
			BaLa-140	<8.78E+00	0.00E+00	8.78E+00
			Total-Gam	0.00E+00		
			H3SW	<4.08E+01	0.00E+00	1.78E+02
Sample ID:	609189	Sample Dates: 4/17/2024 - 4/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.57E+00	0.00E+00	6.57E+00
			Co-58	<6.55E+00	0.00E+00	6.55E+00
			Fe-59	<1.17E+01	0.00E+00	1.17E+01
			Co-60	<6.06E+00	0.00E+00	6.06E+00
			Zn-65	<1.35E+01	0.00E+00	1.35E+01
			Zr-95	<9.91E+00	0.00E+00	9.91E+00
			Nb-95	<6.73E+00	0.00E+00	6.73E+00
			I-131	<7.61E+00	0.00E+00	7.61E+00
			Cs-134	<6.02E+00	0.00E+00	6.02E+00
			Cs-137	<5.91E+00	0.00E+00	5.91E+00
			BaLa-140	<8.90E+00	0.00E+00	8.90E+00
			Total-Gam	0.00E+00		
			H3SW	<2.66E+01	0.00E+00	1.92E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 609 [INDICATOR - -- @ 0 miles]

Sample ID: 610948 **Sample Dates: 5/22/2024 - 5/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.48E+00	0.00E+00	6.48E+00
Co-58	<6.85E+00	0.00E+00	6.85E+00
Fe-59	<1.20E+01	0.00E+00	1.20E+01
Co-60	<6.46E+00	0.00E+00	6.46E+00
Zn-65	<1.33E+01	0.00E+00	1.33E+01
Zr-95	<9.11E+00	0.00E+00	9.11E+00
Nb-95	<7.30E+00	0.00E+00	7.30E+00
I-131	<9.55E+00	0.00E+00	9.55E+00
Cs-134	<7.45E+00	0.00E+00	7.45E+00
Cs-137	<5.35E+00	0.00E+00	5.35E+00
BaLa-140	<6.65E+00	0.00E+00	6.65E+00
Total-Gam	0.00E+00		
H3SW	<6.96E+01	0.00E+00	1.77E+02

Sample ID: 612462 **Sample Dates: 6/19/2024 - 6/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.11E+00	0.00E+00	4.11E+00
Co-58	<4.70E+00	0.00E+00	4.70E+00
Fe-59	<9.61E+00	0.00E+00	9.61E+00
Co-60	<4.31E+00	0.00E+00	4.31E+00
Zn-65	<8.61E+00	0.00E+00	8.61E+00
Zr-95	<8.16E+00	0.00E+00	8.16E+00
Nb-95	<5.64E+00	0.00E+00	5.64E+00
I-131	<1.26E+01	0.00E+00	1.26E+01
Cs-134	<4.88E+00	0.00E+00	4.88E+00
Cs-137	<3.81E+00	0.00E+00	3.81E+00
BaLa-140	<8.59E+00	0.00E+00	8.59E+00
Total-Gam	0.00E+00		
H3SW	<8.19E+01	0.00E+00	1.88E+02

Sample ID: 614206 **Sample Dates: 7/17/2024 - 7/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.39E+00	0.00E+00	6.39E+00
Co-58	<6.30E+00	0.00E+00	6.30E+00
Fe-59	<1.38E+01	0.00E+00	1.38E+01
Co-60	<5.95E+00	0.00E+00	5.95E+00
Zn-65	<1.19E+01	0.00E+00	1.19E+01
Zr-95	<1.17E+01	0.00E+00	1.17E+01
Nb-95	<8.04E+00	0.00E+00	8.04E+00
I-131	<1.02E+01	0.00E+00	1.02E+01
Cs-134	<6.51E+00	0.00E+00	6.51E+00
Cs-137	<7.09E+00	0.00E+00	7.09E+00
BaLa-140	<9.37E+00	0.00E+00	9.37E+00
Total-Gam	0.00E+00		
H3SW	<-4.8E+01	0.00E+00	1.80E+02

Sample ID: 616008 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.39E+00	0.00E+00	6.39E+00
Co-58	<6.10E+00	0.00E+00	6.10E+00
Fe-59	<1.22E+01	0.00E+00	1.22E+01
Co-60	<6.39E+00	0.00E+00	6.39E+00
Zn-65	<1.13E+01	0.00E+00	1.13E+01
Zr-95	<1.06E+01	0.00E+00	1.06E+01
Nb-95	<4.69E+00	0.00E+00	4.69E+00
I-131	<6.64E+00	0.00E+00	6.64E+00
Cs-134	<5.32E+00	0.00E+00	5.32E+00
Cs-137	<5.40E+00	0.00E+00	5.40E+00
BaLa-140	<8.00E+00	0.00E+00	8.00E+00
Total-Gam	0.00E+00		
H3SW	<-9.9E+01	0.00E+00	2.02E+02

Sample ID: 617700 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.42E+00	0.00E+00	6.42E+00
Co-58	<5.50E+00	0.00E+00	5.50E+00
Fe-59	<1.17E+01	0.00E+00	1.17E+01
Co-60	<6.06E+00	0.00E+00	6.06E+00
Zn-65	<1.01E+01	0.00E+00	1.01E+01
Zr-95	<1.11E+01	0.00E+00	1.11E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 609 [INDICATOR - -- @ 0 miles]

Sample ID: 617700 **Sample Dates: 9/18/2024 - 9/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<6.58E+00	0.00E+00	6.58E+00
I-131	<7.11E+00	0.00E+00	7.11E+00
Cs-134	<8.16E+00	0.00E+00	8.16E+00
Cs-137	<5.03E+00	0.00E+00	5.03E+00
BaLa-140	<7.61E+00	0.00E+00	7.61E+00
Total-Gam	0.00E+00		
H3SW	<-7.0E+01	0.00E+00	1.95E+02

Sample ID: 619664 **Sample Dates: 10/16/2024 - 10/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.29E+00	0.00E+00	5.29E+00
Co-58	<6.62E+00	0.00E+00	6.62E+00
Fe-59	<1.43E+01	0.00E+00	1.43E+01
Co-60	<7.45E+00	0.00E+00	7.45E+00
Zn-65	<1.38E+01	0.00E+00	1.38E+01
Zr-95	<9.03E+00	0.00E+00	9.03E+00
Nb-95	<6.29E+00	0.00E+00	6.29E+00
I-131	<8.04E+00	0.00E+00	8.04E+00
Cs-134	<7.25E+00	0.00E+00	7.25E+00
Cs-137	<6.79E+00	0.00E+00	6.79E+00
BaLa-140	<8.87E+00	0.00E+00	8.87E+00
Total-Gam	0.00E+00		
H3SW	<3.65E+01	0.00E+00	1.82E+02

Sample ID: 621401 **Sample Dates: 11/20/2024 - 11/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.19E+00	0.00E+00	6.19E+00
Co-58	<6.19E+00	0.00E+00	6.19E+00
Fe-59	<1.28E+01	0.00E+00	1.28E+01
Co-60	<5.51E+00	0.00E+00	5.51E+00
Zn-65	<1.30E+01	0.00E+00	1.30E+01
Zr-95	<1.18E+01	0.00E+00	1.18E+01
Nb-95	<6.27E+00	0.00E+00	6.27E+00
I-131	<1.07E+01	0.00E+00	1.07E+01
Cs-134	<6.30E+00	0.00E+00	6.30E+00
Cs-137	<5.47E+00	0.00E+00	5.47E+00
BaLa-140	<1.21E+01	0.00E+00	1.21E+01
Total-Gam	0.00E+00		
H3SW	<-5.0E+01	0.00E+00	1.77E+02

Sample ID: 622808 **Sample Dates: 12/17/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<8.15E+00	0.00E+00	8.15E+00
Co-58	<8.15E+00	0.00E+00	8.15E+00
Fe-59	<1.40E+01	0.00E+00	1.40E+01
Co-60	<6.65E+00	0.00E+00	6.65E+00
Zn-65	<1.67E+01	0.00E+00	1.67E+01
Zr-95	<1.33E+01	0.00E+00	1.33E+01
Nb-95	<6.90E+00	0.00E+00	6.90E+00
I-131	<6.62E+00	0.00E+00	6.62E+00
Cs-134	<6.78E+00	0.00E+00	6.78E+00
Cs-137	<9.04E+00	0.00E+00	9.04E+00
BaLa-140	<1.05E+01	0.00E+00	1.05E+01
Total-Gam	0.00E+00		
H3SW	<-4.8E+01	0.00E+00	1.84E+02

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 2 [INDICATOR - ESE @ 0.88 miles] **TLD RING TLD_INNER**

Sample ID: 608536 **Sample Dates: 1/2/2024 - 4/3/2024**

Nuclide	Activity
mR/Std Qtr	10.27

Sample ID: 613714 **Sample Dates: 4/3/2024 - 7/10/2024**

Nuclide	Activity
mR/Std Qtr	10.34

Sample ID: 618893 **Sample Dates: 7/10/2024 - 10/3/2024**

Nuclide	Activity
mR/Std Qtr	6.91

Sample Point 2 [INDICATOR - ESE @ 0.88 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
624215	10/3/2024 - 1/14/2025	mR/Std Qtr	11.97

Sample Point 3 [INDICATOR - SE @ 0.82 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608546	1/2/2024 - 4/3/2024	mR/Std Qtr	10.56
613724	4/3/2024 - 7/10/2024	mR/Std Qtr	10.94
618903	7/10/2024 - 10/3/2024	mR/Std Qtr	7.76
624225	10/3/2024 - 1/14/2025	mR/Std Qtr	12.01

Sample Point 4 [INDICATOR - SSE @ 1.01 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608555	1/2/2024 - 4/3/2024	mR/Std Qtr	9.65
613733	4/3/2024 - 7/10/2024	mR/Std Qtr	10.53
618912	7/10/2024 - 10/3/2024	mR/Std Qtr	6.67
624234	10/3/2024 - 1/14/2025	mR/Std Qtr	11.21

Sample Point 6 [INDICATOR - SSW @ 1.45 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608557	1/2/2024 - 4/3/2024	mR/Std Qtr	9.98
613735	4/3/2024 - 7/10/2024	mR/Std Qtr	9.60
618914	7/10/2024 - 10/3/2024	mR/Std Qtr	6.62
624236	10/3/2024 - 1/14/2025	mR/Std Qtr	11.36

Sample Point 7 [INDICATOR - SW @ 1.03 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608558	1/2/2024 - 4/3/2024	mR/Std Qtr	10.33
613736	4/3/2024 - 7/10/2024	mR/Std Qtr	9.46
618915	7/10/2024 - 10/3/2024	mR/Std Qtr	6.65
624237	10/3/2024 - 1/14/2025	mR/Std Qtr	11.71

Sample Point 8 [INDICATOR - W @ 1.2 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608564	1/2/2024 - 4/2/2024	mR/Std Qtr	11.55
613742	4/2/2024 - 7/8/2024	mR/Std Qtr	10.15

Sample Point 8 [INDICATOR - W @ 1.2 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
618921	7/8/2024 - 10/7/2024	mR/Std Qtr	7.72
624243	10/7/2024 - 1/7/2025	mR/Std Qtr	11.37

Sample Point 9 [INDICATOR - WNW @ 1.08 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608574	1/2/2024 - 4/2/2024	mR/Std Qtr	10.02
613752	4/2/2024 - 7/8/2024	mR/Std Qtr	9.75
618931	7/8/2024 - 10/7/2024	mR/Std Qtr	7.3
624253	10/7/2024 - 1/7/2025	mR/Std Qtr	11.63

Sample Point 10 [INDICATOR - NW @ 0.95 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608528	1/2/2024 - 4/2/2024	mR/Std Qtr	8.63
613706	4/2/2024 - 7/8/2024	mR/Std Qtr	8.17
618885	7/8/2024 - 10/7/2024	mR/Std Qtr	6.16
624207	10/7/2024 - 1/7/2025	mR/Std Qtr	10.02

Sample Point 11 [INDICATOR - NNW @ 1.01 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608529	1/2/2024 - 4/2/2024	mR/Std Qtr	10.00
613707	4/2/2024 - 7/8/2024	mR/Std Qtr	8.75
618886	7/8/2024 - 10/7/2024	mR/Std Qtr	6.8
624208	10/7/2024 - 1/7/2025	mR/Std Qtr	10.84

Sample Point 12 [INDICATOR - N @ 1.16 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608530	1/2/2024 - 4/2/2024	mR/Std Qtr	9.62
613708	4/2/2024 - 7/8/2024	mR/Std Qtr	9.20
618887	7/8/2024 - 10/7/2024	mR/Std Qtr	7.68
624209	10/7/2024 - 1/7/2025	mR/Std Qtr	10.56

Sample Point 13 [INDICATOR - NNE @ 1.28 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608531	1/2/2024 - 4/2/2024	mR/Std Qtr	10.10

Sample Point 13 [INDICATOR - NNE @ 1.28 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
613709	4/2/2024 - 7/8/2024	mR/Std Qtr	9.03
618888	7/8/2024 - 10/7/2024	mR/Std Qtr	7.57
624210	10/7/2024 - 1/7/2025	mR/Std Qtr	11.88

Sample Point 14 [INDICATOR - NE @ 0.61 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608532	1/2/2024 - 4/4/2024	mR/Std Qtr	10.93
613710	4/4/2024 - 7/8/2024	mR/Std Qtr	10.24
618889	7/8/2024 - 10/7/2024	mR/Std Qtr	8.34
624211	10/7/2024 - 1/11/2025	mR/Std Qtr	11.33

Sample Point 16 [INDICATOR - WSW @ 0.99 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608533	1/2/2024 - 4/2/2024	mR/Std Qtr	9.20
613711	4/2/2024 - 7/8/2024	mR/Std Qtr	8.70
618890	7/8/2024 - 10/7/2024	mR/Std Qtr	8.18
624212	10/7/2024 - 1/7/2025	mR/Std Qtr	10.95

Sample Point 17 [INDICATOR - ESE @ 1.41 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608534	1/2/2024 - 4/3/2024	mR/Std Qtr	16.69
613712	4/3/2024 - 7/10/2024	mR/Std Qtr	16.03
618891	7/10/2024 - 10/3/2024	mR/Std Qtr	12.41
624213	10/3/2024 - 1/14/2025	mR/Std Qtr	19.65

Sample Point 18 [INDICATOR - SE @ 1.6 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608535	1/2/2024 - 4/3/2024	mR/Std Qtr	10.30
613713	4/3/2024 - 7/10/2024	mR/Std Qtr	9.51
618892	7/10/2024 - 10/3/2024	mR/Std Qtr	6.87
624214	10/3/2024 - 1/14/2025	mR/Std Qtr	11.24

Sample Point 20 [INDICATOR - S @ 2.01 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608537	1/2/2024 - 4/3/2024	mR/Std Qtr	10.65
613715	4/3/2024 - 7/10/2024	mR/Std Qtr	9.53
618894	7/10/2024 - 10/3/2024	mR/Std Qtr	7.11
624216	10/3/2024 - 1/14/2025	mR/Std Qtr	12.22

Sample Point 21 [INDICATOR - SSW @ 2.79 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608538	1/2/2024 - 4/3/2024	mR/Std Qtr	13.18
613716	4/3/2024 - 7/10/2024	mR/Std Qtr	10.82
618895	7/10/2024 - 10/3/2024	mR/Std Qtr	8.68
624217	10/3/2024 - 1/14/2025	mR/Std Qtr	14.00

Sample Point 22 [INDICATOR - SW @ 5.18 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608539	1/2/2024 - 4/2/2024	mR/Std Qtr	11.21
613717	4/2/2024 - 7/11/2024	mR/Std Qtr	11.57
618896	7/11/2024 - 10/3/2024	mR/Std Qtr	7.35
624218	10/3/2024 - 1/9/2025	mR/Std Qtr	13.06

Sample Point 24 [INDICATOR - W @ 3 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608540	1/2/2024 - 4/2/2024	mR/Std Qtr	13.48
613718	4/2/2024 - 7/12/2024	mR/Std Qtr	14.69
618897	7/12/2024 - 10/3/2024	mR/Std Qtr	9.87
624219	10/3/2024 - 1/10/2025	mR/Std Qtr	15.87

Sample Point 25 [INDICATOR - WNW @ 8.64 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608541	1/2/2024 - 4/2/2024	mR/Std Qtr	10.79
613719	4/2/2024 - 7/12/2024	mR/Std Qtr	9.67
618898	7/12/2024 - 10/3/2024	mR/Std Qtr	7.03
624220	10/3/2024 - 1/10/2025	mR/Std Qtr	13.30

Sample Point 26 [INDICATOR - NW @ 5.95 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608542	1/3/2024 - 4/2/2024	mR/Std Qtr	12.54
613720	4/2/2024 - 7/12/2024	mR/Std Qtr	12.04
618899	7/12/2024 - 10/2/2024	mR/Std Qtr	8.15
624221	10/2/2024 - 1/7/2025	mR/Std Qtr	13.28

Sample Point 27 [INDICATOR - NNW @ 5.17 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608543	1/3/2024 - 4/2/2024	mR/Std Qtr	8.17
613721	4/2/2024 - 7/12/2024	mR/Std Qtr	9.43
618900	7/12/2024 - 10/2/2024	mR/Std Qtr	5.44
624222	10/2/2024 - 1/7/2025	mR/Std Qtr	10.28

Sample Point 28 [INDICATOR - NNW @ 4.31 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608544	1/3/2024 - 4/2/2024	mR/Std Qtr	8.97
613722	4/2/2024 - 7/12/2024	mR/Std Qtr	9.11
618901	7/12/2024 - 10/2/2024	mR/Std Qtr	5.93
624223	10/2/2024 - 1/7/2025	mR/Std Qtr	10.24

Sample Point 29 [INDICATOR - SSW @ 2.5 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608545	1/2/2024 - 4/3/2024	mR/Std Qtr	9.53
613723	4/3/2024 - 7/10/2024	mR/Std Qtr	9.25
618902	7/10/2024 - 10/3/2024	mR/Std Qtr	6.97
624224	10/3/2024 - 1/14/2025	mR/Std Qtr	13.03

Sample Point 30 [INDICATOR - NE @ 2.06 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608547	1/3/2024 - 4/3/2024	mR/Std Qtr	9.18
613725	4/3/2024 - 7/15/2024	mR/Std Qtr	10.10
618904	7/15/2024 - 10/2/2024	mR/Std Qtr	6.24
624226	10/2/2024 - 1/7/2025	mR/Std Qtr	10.93

Sample Point 31 [INDICATOR - ENE @ 2.55 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608548	1/3/2024 - 4/3/2024	mR/Std Qtr	13.11
613726	4/3/2024 - 7/15/2024	mR/Std Qtr	11.81
618905	7/15/2024 - 10/2/2024	mR/Std Qtr	8.07
624227	10/2/2024 - 1/7/2025	mR/Std Qtr	13.41

Sample Point 32 [INDICATOR - ENE @ 5.85 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608549	1/4/2024 - 4/3/2024	mR/Std Qtr	11.67
613727	4/3/2024 - 7/11/2024	mR/Std Qtr	10.58
618906	7/11/2024 - 10/2/2024	mR/Std Qtr	7.75
624228	10/2/2024 - 1/7/2025	mR/Std Qtr	13.06

Sample Point 33 [INDICATOR - E @ 4.13 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608550	1/4/2024 - 4/3/2024	mR/Std Qtr	8.78
613728	4/3/2024 - 7/11/2024	mR/Std Qtr	8.00
618907	7/11/2024 - 10/2/2024	mR/Std Qtr	5.76
624229	10/2/2024 - 1/7/2025	mR/Std Qtr	10.07

Sample Point 35 [INDICATOR - SSE @ 7.09 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608551	1/3/2024 - 4/9/2024	mR/Std Qtr	8.90
613729	4/9/2024 - 7/10/2024	mR/Std Qtr	8.63
618908	7/10/2024 - 10/14/2024	mR/Std Qtr	5.46
624230	10/14/2024 - 1/9/2025	mR/Std Qtr	10.17

Sample Point 36 [INDICATOR - NE @ 9.02 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608552	1/4/2024 - 4/3/2024	mR/Std Qtr	11.17
613730	4/3/2024 - 7/11/2024	mR/Std Qtr	10.43
618909	7/11/2024 - 10/2/2024	mR/Std Qtr	8.4
624231	10/2/2024 - 1/7/2025	mR/Std Qtr	12.40

Sample Point 37 [INDICATOR - NNW @ 5.58 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608553	1/3/2024 - 4/2/2024	mR/Std Qtr	8.81
613731	4/2/2024 - 7/12/2024	mR/Std Qtr	8.59
618910	7/12/2024 - 10/2/2024	mR/Std Qtr	5.84
624232	10/2/2024 - 1/7/2025	mR/Std Qtr	10.41

Sample Point 39 [INDICATOR - SW @ 5.2 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608554	1/2/2024 - 4/2/2024	mR/Std Qtr	14.51
613732	4/2/2024 - 7/11/2024	mR/Std Qtr	14.39
618911	7/11/2024 - 10/3/2024	mR/Std Qtr	7.63
624233	10/3/2024 - 1/9/2025	mR/Std Qtr	13.28

Sample Point 40 [INDICATOR - WSW @ 6.81 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608556	1/2/2024 - 4/2/2024	mR/Std Qtr	13.05
613734	4/2/2024 - 7/11/2024	mR/Std Qtr	12.41
618913	7/11/2024 - 10/3/2024	mR/Std Qtr	9.27
624235	10/3/2024 - 1/9/2025	mR/Std Qtr	14.77

Sample Point 75 [INDICATOR - S @ 4.56 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608559	1/2/2024 - 4/2/2024	mR/Std Qtr	10.99
613737	4/2/2024 - 7/11/2024	mR/Std Qtr	10.95
618916	7/11/2024 - 10/3/2024	mR/Std Qtr	7.55
624238	10/3/2024 - 1/9/2025	mR/Std Qtr	12.13

Sample Point 76 [INDICATOR - SSW @ 4.7 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608560	1/2/2024 - 4/2/2024	mR/Std Qtr	12.52
613738	4/2/2024 - 7/11/2024	mR/Std Qtr	10.93
618917	7/11/2024 - 10/3/2024	mR/Std Qtr	8.04
624239	10/3/2024 - 1/9/2025	mR/Std Qtr	13.06

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 77 [INDICATOR - S @ 5.34 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608561	1/3/2024 - 4/9/2024	mR/Std Qtr	9.58
613739	4/9/2024 - 7/10/2024	mR/Std Qtr	7.47
618918	7/10/2024 - 10/14/2024	mR/Std Qtr	5.38
624240	10/14/2024 - 1/9/2025	mR/Std Qtr	9.00

Sample Point 78 [INDICATOR - NNE @ 10 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608562	1/3/2024 - 4/2/2024	mR/Std Qtr	8.61
613740	4/2/2024 - 7/12/2024	mR/Std Qtr	7.41
618919	7/12/2024 - 10/2/2024	mR/Std Qtr	5.33
624241	10/2/2024 - 1/7/2025	mR/Std Qtr	8.55

Sample Point 79 [INDICATOR - N @ 9.56 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608563	1/3/2024 - 4/2/2024	mR/Std Qtr	9.27
613741	4/2/2024 - 7/12/2024	mR/Std Qtr	10.04
618920	7/12/2024 - 10/2/2024	mR/Std Qtr	6.3
624242	10/2/2024 - 1/7/2025	mR/Std Qtr	10.64

Sample Point 81 [CONTROL - WNW @ 9.98 miles] **TLD RING TLD_CTRL**

Sample ID:	Sample Dates:	Nuclide	Activity
608565	1/2/2024 - 4/2/2024	mR/Std Qtr	12.05
613743	4/2/2024 - 7/12/2024	mR/Std Qtr	10.72
618922	7/12/2024 - 10/3/2024	mR/Std Qtr	7.21
624244	10/3/2024 - 1/10/2025	mR/Std Qtr	12.45

Sample Point 82 [INDICATOR - NNE @ 0.29 miles] **TLD RING TLD_ISFSI**

Sample ID:	Sample Dates:	Nuclide	Activity
608566	1/2/2024 - 4/4/2024	mR/Std Qtr	38.71
613744	4/4/2024 - 7/8/2024	mR/Std Qtr	35.23
618923	7/8/2024 - 10/7/2024	mR/Std Qtr	32.32
624245	10/7/2024 - 1/11/2025	mR/Std Qtr	41.83

Sample Point 83 [INDICATOR - NE @ 0.4 miles] **TLD RING TLD_ISFSI**

Sample ID:	Sample Dates:	Nuclide	Activity
608567	1/2/2024 - 4/4/2024	mR/Std Qtr	25.33
613745	4/4/2024 - 7/8/2024	mR/Std Qtr	25.23
618924	7/8/2024 - 10/7/2024	mR/Std Qtr	22.61
624246	10/7/2024 - 1/11/2025	mR/Std Qtr	29.33

Sample Point 84 [INDICATOR - NE @ 0.39 miles] **TLD RING TLD_ISFSI**

Sample ID:	Sample Dates:	Nuclide	Activity
608568	1/2/2024 - 4/4/2024	mR/Std Qtr	29.32
613746	4/4/2024 - 7/8/2024	mR/Std Qtr	26.87
618925	7/8/2024 - 10/7/2024	mR/Std Qtr	26.02
624247	10/7/2024 - 1/11/2025	mR/Std Qtr	33.75

Sample Point 85 [INDICATOR - NE @ 0.21 miles] **TLD RING TLD_ISFSI**

Sample ID:	Sample Dates:	Nuclide	Activity
608569	1/2/2024 - 4/4/2024	mR/Std Qtr	20.59
613747	4/4/2024 - 7/8/2024	mR/Std Qtr	22.90
618926	7/8/2024 - 10/7/2024	mR/Std Qtr	19.80
624248	10/7/2024 - 1/11/2025	mR/Std Qtr	24.33

Sample Point 86 [INDICATOR - E @ 1.07 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608570	1/2/2024 - 4/3/2024	mR/Std Qtr	10.29
613748	4/3/2024 - 7/10/2024	mR/Std Qtr	9.36
618927	7/10/2024 - 10/3/2024	mR/Std Qtr	6.29
624249	10/3/2024 - 1/14/2025	mR/Std Qtr	10.83

Sample Point 87 [INDICATOR - ENE @ 1.02 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608571	1/2/2024 - 4/4/2024	mR/Std Qtr	10.80
613749	4/4/2024 - 7/8/2024	mR/Std Qtr	9.75
618928	7/8/2024 - 10/7/2024	mR/Std Qtr	7.95
624250	10/7/2024 - 1/11/2025	mR/Std Qtr	11.95

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 88 [INDICATOR - WSW @ 5.3 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608572	1/2/2024 - 4/2/2024	mR/Std Qtr	8.64
613750	4/2/2024 - 7/11/2024	mR/Std Qtr	8.31
618929	7/11/2024 - 10/3/2024	mR/Std Qtr	5.76
624251	10/3/2024 - 1/9/2025	mR/Std Qtr	10.67

Sample Point 89 [INDICATOR - E @ 5.06 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608573	1/4/2024 - 4/3/2024	mR/Std Qtr	11.64
613751	4/3/2024 - 7/11/2024	mR/Std Qtr	10.41
618930	7/11/2024 - 10/2/2024	mR/Std Qtr	8.05
624252	10/2/2024 - 1/7/2025	mR/Std Qtr	11.92

Sample Point 90 [INDICATOR - W @ 5.68 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608575	1/2/2024 - 4/2/2024	mR/Std Qtr	15.16
613753	4/2/2024 - 7/12/2024	mR/Std Qtr	13.92
618932	7/12/2024 - 10/3/2024	mR/Std Qtr	5.61
624254	10/3/2024 - 1/10/2025	mR/Std Qtr	10.87

Sample Point 91 [INDICATOR - S @ 0.95 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608576	1/2/2024 - 4/3/2024	mR/Std Qtr	14.55
613754	4/3/2024 - 7/10/2024	mR/Std Qtr	11.78
618933	7/10/2024 - 10/3/2024	mR/Std Qtr	9.5
624255	10/3/2024 - 1/14/2025	mR/Std Qtr	15.91

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 800 [INDICATOR - NE @ 0.76 miles]

Sample ID: 600306 **Sample Dates:** 1/2/2024 - 1/2/2024 **WAXMYRTLE**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.36E+01	0.00E+00	1.36E+01
Co-58	<1.64E+01	0.00E+00	1.64E+01
Fe-59	<3.55E+01	0.00E+00	3.55E+01
Co-60	<1.96E+01	0.00E+00	1.96E+01
Zn-65	<4.14E+01	0.00E+00	4.14E+01
Zr-95	<2.86E+01	0.00E+00	2.86E+01
Nb-95	<1.96E+01	0.00E+00	1.96E+01
I-131	<3.02E+01	0.00E+00	3.02E+01

Sample ID:	600306	Sample Dates: 1/2/2024 - 1/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<1.81E+01	0.00E+00	1.81E+01
				Cs-137	<1.77E+01	0.00E+00	1.77E+01
				BaLa-140	<1.98E+01	0.00E+00	1.98E+01
				Be-7	2.19E+03	3.08E+02	2.14E+02
				K-40	2.37E+03	3.89E+02	2.21E+02
Sample ID:	**603835**	**Sample Dates: 2/1/2024 - 2/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.05E+01	0.00E+00	2.05E+01
				Co-58	<1.80E+01	0.00E+00	1.80E+01
				Fe-59	<3.66E+01	0.00E+00	3.66E+01
				Co-60	<1.74E+01	0.00E+00	1.74E+01
				Zn-65	<3.77E+01	0.00E+00	3.77E+01
				Zr-95	<3.71E+01	0.00E+00	3.71E+01
				Nb-95	<2.26E+01	0.00E+00	2.26E+01
				I-131	<3.24E+01	0.00E+00	3.24E+01
				Cs-134	<1.66E+01	0.00E+00	1.66E+01
				Cs-137	<1.43E+01	0.00E+00	1.43E+01
				BaLa-140	<2.08E+01	0.00E+00	2.08E+01
				Be-7	1.57E+03	2.64E+02	2.20E+02
				K-40	1.93E+03	3.98E+02	3.56E+02
Sample ID:	**604791**	**Sample Dates: 3/1/2024 - 3/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.19E+01	0.00E+00	3.19E+01
				Co-58	<2.02E+01	0.00E+00	2.02E+01
				Fe-59	<6.11E+01	0.00E+00	6.11E+01
				Co-60	<2.85E+01	0.00E+00	2.85E+01
				Zn-65	<6.48E+01	0.00E+00	6.48E+01
				Zr-95	<4.97E+01	0.00E+00	4.97E+01
				Nb-95	<2.88E+01	0.00E+00	2.88E+01
				I-131	<5.05E+01	0.00E+00	5.05E+01
				Cs-134	<2.85E+01	0.00E+00	2.85E+01
				Cs-137	<2.88E+01	0.00E+00	2.88E+01
				BaLa-140	<5.38E+01	0.00E+00	5.38E+01
				Be-7	1.15E+03	3.48E+02	3.93E+02
				K-40	2.67E+03	6.31E+02	3.22E+02
Sample ID:	**609929**	**Sample Dates: 4/1/2024 - 4/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.06E+01	0.00E+00	2.06E+01
				Co-58	<3.24E+01	0.00E+00	3.24E+01
				Fe-59	<5.93E+01	0.00E+00	5.93E+01
				Co-60	<2.67E+01	0.00E+00	2.67E+01
				Zn-65	<6.52E+01	0.00E+00	6.52E+01
				Zr-95	<5.20E+01	0.00E+00	5.20E+01
				Nb-95	<2.53E+01	0.00E+00	2.53E+01
				I-131	<3.66E+01	0.00E+00	3.66E+01
				Cs-134	<2.88E+01	0.00E+00	2.88E+01
				Cs-137	<3.01E+01	0.00E+00	3.01E+01
				BaLa-140	<4.57E+01	0.00E+00	4.57E+01
				Be-7	2.65E+03	8.03E+02	3.07E+02
				K-40	3.12E+03	6.23E+02	2.45E+02
Sample ID:	**607657**	**Sample Dates: 5/2/2024 - 5/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.01E+01	0.00E+00	2.01E+01
				Co-58	<1.66E+01	0.00E+00	1.66E+01
				Fe-59	<4.95E+01	0.00E+00	4.95E+01
				Co-60	<2.77E+01	0.00E+00	2.77E+01
				Zn-65	<4.39E+01	0.00E+00	4.39E+01
				Zr-95	<3.07E+01	0.00E+00	3.07E+01
				Nb-95	<2.80E+01	0.00E+00	2.80E+01
				I-131	<3.09E+01	0.00E+00	3.09E+01
				Cs-134	<2.89E+01	0.00E+00	2.89E+01
				Cs-137	<1.56E+01	0.00E+00	1.56E+01
				BaLa-140	<2.82E+01	0.00E+00	2.82E+01
				Be-7	8.09E+02	2.25E+02	2.58E+02
				K-40	3.55E+03	5.88E+02	3.02E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 800 [INDICATOR - NE @ 0.76 miles]

Sample ID: 611515 Sample Dates: 6/3/2024 - 6/3/2024 WAXMYRTLE

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.88E+01	0.00E+00	1.88E+01
Co-58	<2.46E+01	0.00E+00	2.46E+01
Fe-59	<5.22E+01	0.00E+00	5.22E+01
Co-60	<2.79E+01	0.00E+00	2.79E+01
Zn-65	<4.99E+01	0.00E+00	4.99E+01
Zr-95	<4.06E+01	0.00E+00	4.06E+01
Nb-95	<3.01E+01	0.00E+00	3.01E+01
I-131	<4.83E+01	0.00E+00	4.83E+01
Cs-134	<2.62E+01	0.00E+00	2.62E+01
Cs-137	<1.54E+01	0.00E+00	1.54E+01
BaLa-140	<4.04E+01	0.00E+00	4.04E+01
Be-7	4.35E+02	2.23E+02	3.30E+02
K-40	3.54E+03	5.72E+02	2.90E+02

Sample ID: 612713 Sample Dates: 7/2/2024 - 7/2/2024 WAXMYRTLE

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.48E+01	0.00E+00	2.48E+01
Co-58	<2.07E+01	0.00E+00	2.07E+01
Fe-59	<5.13E+01	0.00E+00	5.13E+01
Co-60	<2.73E+01	0.00E+00	2.73E+01
Zn-65	<5.23E+01	0.00E+00	5.23E+01
Zr-95	<3.99E+01	0.00E+00	3.99E+01
Nb-95	<2.68E+01	0.00E+00	2.68E+01
I-131	<3.55E+01	0.00E+00	3.55E+01
Cs-134	<2.96E+01	0.00E+00	2.96E+01
Cs-137	<1.87E+01	0.00E+00	1.87E+01
BaLa-140	<3.33E+01	0.00E+00	3.33E+01
Be-7	8.55E+02	1.99E+02	1.98E+02
K-40	4.00E+03	6.07E+02	3.58E+02

Sample ID: 614474 Sample Dates: 8/1/2024 - 8/1/2024 WAXMYRTLE

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.26E+01	0.00E+00	2.26E+01
Co-58	<2.30E+01	0.00E+00	2.30E+01
Fe-59	<4.36E+01	0.00E+00	4.36E+01
Co-60	<2.03E+01	0.00E+00	2.03E+01
Zn-65	<4.54E+01	0.00E+00	4.54E+01
Zr-95	<4.09E+01	0.00E+00	4.09E+01
Nb-95	<2.35E+01	0.00E+00	2.35E+01
I-131	<3.34E+01	0.00E+00	3.34E+01
Cs-134	<2.38E+01	0.00E+00	2.38E+01
Cs-137	<2.00E+01	0.00E+00	2.00E+01
BaLa-140	<3.17E+01	0.00E+00	3.17E+01
Be-7	9.75E+02	2.21E+02	2.40E+02
K-40	2.48E+03	4.10E+02	3.47E+01

Sample ID: 616355 Sample Dates: 9/3/2024 - 9/3/2024 WAXMYRTLE

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.91E+01	0.00E+00	1.91E+01
Co-58	<2.37E+01	0.00E+00	2.37E+01
Fe-59	<4.58E+01	0.00E+00	4.58E+01
Co-60	<2.86E+01	0.00E+00	2.86E+01
Zn-65	<4.50E+01	0.00E+00	4.50E+01
Zr-95	<4.80E+01	0.00E+00	4.80E+01
Nb-95	<2.73E+01	0.00E+00	2.73E+01
I-131	<4.05E+01	0.00E+00	4.05E+01
Cs-134	<2.94E+01	0.00E+00	2.94E+01
Cs-137	<2.33E+01	0.00E+00	2.33E+01
BaLa-140	<3.02E+01	0.00E+00	3.02E+01
Be-7	1.40E+03	2.89E+02	2.96E+02
K-40	3.38E+03	5.67E+02	3.51E+02

Sample ID: 618000 Sample Dates: 10/1/2024 - 10/1/2024 WAXMYRTLE

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.73E+01	0.00E+00	2.73E+01
Co-58	<2.87E+01	0.00E+00	2.87E+01
Fe-59	<7.20E+01	0.00E+00	7.20E+01
Co-60	<2.45E+01	0.00E+00	2.45E+01
Zn-65	<7.30E+01	0.00E+00	7.30E+01
Zr-95	<5.69E+01	0.00E+00	5.69E+01

Sample Point 800 [INDICATOR - NE @ 0.76 miles]

Sample ID:	618000	Sample Dates: 10/1/2024 - 10/1/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Nb-95	<2.64E+01	0.00E+00	2.64E+01
				I-131	<3.40E+01	0.00E+00	3.40E+01
				Cs-134	<3.23E+01	0.00E+00	3.23E+01
				Cs-137	<2.79E+01	0.00E+00	2.79E+01
				BaLa-140	<2.60E+01	0.00E+00	2.60E+01
				Be-7	1.84E+03	3.68E+02	2.88E+02
				K-40	2.34E+03	5.70E+02	4.04E+02
Sample ID:	**622604**	**Sample Dates: 11/4/2024 - 11/4/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.28E+01	0.00E+00	2.28E+01
				Co-58	<2.10E+01	0.00E+00	2.10E+01
				Fe-59	<4.78E+01	0.00E+00	4.78E+01
				Co-60	<1.74E+01	0.00E+00	1.74E+01
				Zn-65	<4.56E+01	0.00E+00	4.56E+01
				Zr-95	<4.36E+01	0.00E+00	4.36E+01
				Nb-95	<2.75E+01	0.00E+00	2.75E+01
				I-131	<4.12E+01	0.00E+00	4.12E+01
				Cs-134	<2.26E+01	0.00E+00	2.26E+01
				Cs-137	<1.80E+01	0.00E+00	1.80E+01
				BaLa-140	<3.56E+01	0.00E+00	3.56E+01
				Be-7	7.23E+02	1.94E+02	2.28E+02
				K-40	2.65E+03	4.65E+02	3.52E+02
Sample ID:	**624575**	**Sample Dates: 12/2/2024 - 12/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.73E+01	0.00E+00	1.73E+01
				Co-58	<1.70E+01	0.00E+00	1.70E+01
				Fe-59	<2.71E+01	0.00E+00	2.71E+01
				Co-60	<2.01E+01	0.00E+00	2.01E+01
				Zn-65	<3.91E+01	0.00E+00	3.91E+01
				Zr-95	<2.97E+01	0.00E+00	2.97E+01
				Nb-95	<1.73E+01	0.00E+00	1.73E+01
				I-131	<3.20E+01	0.00E+00	3.20E+01
				Cs-134	<1.97E+01	0.00E+00	1.97E+01
				Cs-137	<1.15E+01	0.00E+00	1.15E+01
				BaLa-140	<2.42E+01	0.00E+00	2.42E+01
				Be-7	6.74E+02	2.25E+02	3.17E+02
				K-40	1.68E+03	3.24E+02	2.36E+02

Sample Point 801 [INDICATOR - SW @ 0.71 miles]

Sample ID:	600307	Sample Dates: 1/2/2024 - 1/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.78E+01	0.00E+00	1.78E+01
				Co-58	<1.74E+01	0.00E+00	1.74E+01
				Fe-59	<3.70E+01	0.00E+00	3.70E+01
				Co-60	<2.01E+01	0.00E+00	2.01E+01
				Zn-65	<3.71E+01	0.00E+00	3.71E+01
				Zr-95	<3.92E+01	0.00E+00	3.92E+01
				Nb-95	<1.94E+01	0.00E+00	1.94E+01
				I-131	<3.23E+01	0.00E+00	3.23E+01
				Cs-134	<2.09E+01	0.00E+00	2.09E+01
				Cs-137	<2.04E+01	0.00E+00	2.04E+01
				BaLa-140	<2.53E+01	0.00E+00	2.53E+01
				Be-7	2.42E+03	3.48E+02	2.53E+02
				K-40	2.37E+03	4.38E+02	3.62E+02
Sample ID:	**603836**	**Sample Dates: 2/1/2024 - 2/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.58E+01	0.00E+00	1.58E+01
				Co-58	<1.82E+01	0.00E+00	1.82E+01
				Fe-59	<4.35E+01	0.00E+00	4.35E+01
				Co-60	<2.28E+01	0.00E+00	2.28E+01
				Zn-65	<4.54E+01	0.00E+00	4.54E+01
				Zr-95	<2.59E+01	0.00E+00	2.59E+01
				Nb-95	<1.82E+01	0.00E+00	1.82E+01
				I-131	<2.43E+01	0.00E+00	2.43E+01
				Cs-134	<1.94E+01	0.00E+00	1.94E+01

Sample ID:	603836	Sample Dates: 2/1/2024 - 2/1/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Cs-137	<1.67E+01	0.00E+00	1.67E+01
				BaLa-140	<2.84E+01	0.00E+00	2.84E+01
				Be-7	1.61E+03	2.63E+02	2.06E+02
				K-40	2.37E+03	4.02E+02	1.86E+02
Sample ID:	**604792**	**Sample Dates: 3/1/2024 - 3/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.72E+01	0.00E+00	3.72E+01
				Co-58	<2.23E+01	0.00E+00	2.23E+01
				Fe-59	<5.22E+01	0.00E+00	5.22E+01
				Co-60	<4.77E+01	0.00E+00	4.77E+01
				Zn-65	<7.15E+01	0.00E+00	7.15E+01
				Zr-95	<5.90E+01	0.00E+00	5.90E+01
				Nb-95	<3.65E+01	0.00E+00	3.65E+01
				I-131	<5.20E+01	0.00E+00	5.20E+01
				Cs-134	<3.93E+01	0.00E+00	3.93E+01
				Cs-137	<2.95E+01	0.00E+00	2.95E+01
				BaLa-140	<6.69E+01	0.00E+00	6.69E+01
				Be-7	1.79E+03	4.40E+02	4.39E+02
				K-40	2.03E+03	5.50E+02	9.17E+01
Sample ID:	**609930**	**Sample Dates: 4/1/2024 - 4/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.20E+01	0.00E+00	2.20E+01
				Co-58	<2.53E+01	0.00E+00	2.53E+01
				Fe-59	<4.52E+01	0.00E+00	4.52E+01
				Co-60	<3.03E+01	0.00E+00	3.03E+01
				Zn-65	<5.87E+01	0.00E+00	5.87E+01
				Zr-95	<4.39E+01	0.00E+00	4.39E+01
				Nb-95	<2.92E+01	0.00E+00	2.92E+01
				I-131	<2.92E+01	0.00E+00	2.92E+01
				Cs-134	<3.23E+01	0.00E+00	3.23E+01
				Cs-137	<2.13E+01	0.00E+00	2.13E+01
				BaLa-140	<3.42E+01	0.00E+00	3.42E+01
				Be-7	1.57E+03	3.24E+02	3.09E+02
				K-40	3.38E+03	6.04E+02	2.52E+02
Sample ID:	**607658**	**Sample Dates: 5/1/2024 - 5/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.11E+01	0.00E+00	2.11E+01
				Co-58	<2.48E+01	0.00E+00	2.48E+01
				Fe-59	<4.79E+01	0.00E+00	4.79E+01
				Co-60	<2.87E+01	0.00E+00	2.87E+01
				Zn-65	<5.34E+01	0.00E+00	5.34E+01
				Zr-95	<4.15E+01	0.00E+00	4.15E+01
				Nb-95	<3.18E+01	0.00E+00	3.18E+01
				I-131	<3.97E+01	0.00E+00	3.97E+01
				Cs-134	<2.69E+01	0.00E+00	2.69E+01
				Cs-137	<2.23E+01	0.00E+00	2.23E+01
				BaLa-140	<3.43E+01	0.00E+00	3.43E+01
				Be-7	2.69E+02	2.01E+02	3.11E+02
				K-40	3.59E+03	6.67E+02	5.34E+02
Sample ID:	**611516**	**Sample Dates: 6/3/2024 - 6/3/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.00E+01	0.00E+00	2.00E+01
				Co-58	<1.94E+01	0.00E+00	1.94E+01
				Fe-59	<4.12E+01	0.00E+00	4.12E+01
				Co-60	<2.12E+01	0.00E+00	2.12E+01
				Zn-65	<5.00E+01	0.00E+00	5.00E+01
				Zr-95	<3.74E+01	0.00E+00	3.74E+01
				Nb-95	<2.42E+01	0.00E+00	2.42E+01
				I-131	<4.89E+01	0.00E+00	4.89E+01
				Cs-134	<2.32E+01	0.00E+00	2.32E+01
				Cs-137	<1.99E+01	0.00E+00	1.99E+01
				BaLa-140	<2.45E+01	0.00E+00	2.45E+01
				Be-7	7.60E+02	1.93E+02	2.16E+02
				K-40	3.94E+03	5.67E+02	2.99E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 801 [INDICATOR - SW @ 0.71 miles]

Sample ID:	612714	Sample Dates: 7/2/2024 - 7/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<3.89E+01	0.00E+00	3.89E+01
				Co-58	<3.44E+01	0.00E+00	3.44E+01
				Fe-59	<7.72E+01	0.00E+00	7.72E+01
				Co-60	<3.10E+01	0.00E+00	3.10E+01
				Zn-65	<6.66E+01	0.00E+00	6.66E+01
				Zr-95	<5.71E+01	0.00E+00	5.71E+01
				Nb-95	<4.37E+01	0.00E+00	4.37E+01
				I-131	<4.55E+01	0.00E+00	4.55E+01
				Cs-134	<3.71E+01	0.00E+00	3.71E+01
				Cs-137	<3.73E+01	0.00E+00	3.73E+01
				BaLa-140	<5.43E+01	0.00E+00	5.43E+01
				Be-7	1.12E+03	3.43E+02	3.98E+02
				K-40	3.43E+03	6.87E+02	7.82E+01
Sample ID:	**614475**	**Sample Dates: 8/1/2024 - 8/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.44E+01	0.00E+00	2.44E+01
				Co-58	<2.23E+01	0.00E+00	2.23E+01
				Fe-59	<5.42E+01	0.00E+00	5.42E+01
				Co-60	<3.09E+01	0.00E+00	3.09E+01
				Zn-65	<5.85E+01	0.00E+00	5.85E+01
				Zr-95	<4.28E+01	0.00E+00	4.28E+01
				Nb-95	<2.36E+01	0.00E+00	2.36E+01
				I-131	<4.30E+01	0.00E+00	4.30E+01
				Cs-134	<2.57E+01	0.00E+00	2.57E+01
				Cs-137	<2.14E+01	0.00E+00	2.14E+01
				BaLa-140	<4.31E+01	0.00E+00	4.31E+01
				Be-7	1.46E+03	3.28E+02	3.69E+02
				K-40	3.51E+03	5.86E+02	3.22E+02
Sample ID:	**616356**	**Sample Dates: 9/3/2024 - 9/3/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.52E+01	0.00E+00	3.52E+01
				Co-58	<3.11E+01	0.00E+00	3.11E+01
				Fe-59	<7.25E+01	0.00E+00	7.25E+01
				Co-60	<2.70E+01	0.00E+00	2.70E+01
				Zn-65	<6.72E+01	0.00E+00	6.72E+01
				Zr-95	<4.33E+01	0.00E+00	4.33E+01
				Nb-95	<2.74E+01	0.00E+00	2.74E+01
				I-131	<4.55E+01	0.00E+00	4.55E+01
				Cs-134	<2.71E+01	0.00E+00	2.71E+01
				Cs-137	<2.33E+01	0.00E+00	2.33E+01
				BaLa-140	<3.50E+01	0.00E+00	3.50E+01
				Be-7	1.71E+03	3.91E+02	3.64E+02
				K-40	2.38E+03	5.97E+02	4.10E+02
Sample ID:	**618001**	**Sample Dates: 10/1/2024 - 10/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.11E+01	0.00E+00	3.11E+01
				Co-58	<3.51E+01	0.00E+00	3.51E+01
				Fe-59	<6.41E+01	0.00E+00	6.41E+01
				Co-60	<4.08E+01	0.00E+00	4.08E+01
				Zn-65	<7.12E+01	0.00E+00	7.12E+01
				Zr-95	<4.23E+01	0.00E+00	4.23E+01
				Nb-95	<2.87E+01	0.00E+00	2.87E+01
				I-131	<3.28E+01	0.00E+00	3.28E+01
				Cs-134	<4.08E+01	0.00E+00	4.08E+01
				Cs-137	<3.28E+01	0.00E+00	3.28E+01
				BaLa-140	<2.69E+01	0.00E+00	2.69E+01
				Be-7	1.21E+03	3.49E+02	4.08E+02
				K-40	2.31E+03	6.43E+02	6.61E+02
Sample ID:	**622605**	**Sample Dates: 11/4/2024 - 11/4/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.56E+01	0.00E+00	2.56E+01
				Co-58	<2.86E+01	0.00E+00	2.86E+01
				Fe-59	<4.79E+01	0.00E+00	4.79E+01
				Co-60	<2.49E+01	0.00E+00	2.49E+01
				Zn-65	<5.51E+01	0.00E+00	5.51E+01
				Zr-95	<5.59E+01	0.00E+00	5.59E+01

Sample Point 801 [INDICATOR - SW @ 0.71 miles]

Sample ID:	622605	Sample Dates: 11/4/2024 - 11/4/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Nb-95	<3.17E+01	0.00E+00	3.17E+01
				I-131	<5.38E+01	0.00E+00	5.38E+01
				Cs-134	<2.84E+01	0.00E+00	2.84E+01
				Cs-137	<2.48E+01	0.00E+00	2.48E+01
				BaLa-140	<5.10E+01	0.00E+00	5.10E+01
				Be-7	6.98E+02	2.81E+02	4.06E+02
				K-40	3.28E+03	5.52E+02	3.61E+02
Sample ID:	**624576**	**Sample Dates: 12/2/2024 - 12/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.83E+01	0.00E+00	1.83E+01
				Co-58	<1.92E+01	0.00E+00	1.92E+01
				Fe-59	<4.89E+01	0.00E+00	4.89E+01
				Co-60	<2.35E+01	0.00E+00	2.35E+01
				Zn-65	<3.91E+01	0.00E+00	3.91E+01
				Zr-95	<3.94E+01	0.00E+00	3.94E+01
				Nb-95	<2.18E+01	0.00E+00	2.18E+01
				I-131	<3.81E+01	0.00E+00	3.81E+01
				Cs-134	<2.27E+01	0.00E+00	2.27E+01
				Cs-137	<2.16E+01	0.00E+00	2.16E+01
				BaLa-140	<2.72E+01	0.00E+00	2.72E+01
				Be-7	1.25E+03	2.35E+02	2.06E+02
				K-40	2.56E+03	4.53E+02	3.68E+02

Sample Point 802 [CONTROL - WNW @ 10.4 miles]

Sample ID:	600308	Sample Dates: 1/2/2024 - 1/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.77E+01	0.00E+00	1.77E+01
				Co-58	<1.54E+01	0.00E+00	1.54E+01
				Fe-59	<3.05E+01	0.00E+00	3.05E+01
				Co-60	<1.90E+01	0.00E+00	1.90E+01
				Zn-65	<4.72E+01	0.00E+00	4.72E+01
				Zr-95	<3.49E+01	0.00E+00	3.49E+01
				Nb-95	<2.08E+01	0.00E+00	2.08E+01
				I-131	<2.56E+01	0.00E+00	2.56E+01
				Cs-134	<2.11E+01	0.00E+00	2.11E+01
				Cs-137	<2.19E+01	0.00E+00	2.19E+01
				BaLa-140	<2.14E+01	0.00E+00	2.14E+01
				Be-7	3.68E+03	4.42E+02	2.18E+02
				K-40	1.84E+03	3.50E+02	2.49E+02
Sample ID:	**603837**	**Sample Dates: 2/1/2024 - 2/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.87E+01	0.00E+00	1.87E+01
				Co-58	<2.11E+01	0.00E+00	2.11E+01
				Fe-59	<4.31E+01	0.00E+00	4.31E+01
				Co-60	<2.77E+01	0.00E+00	2.77E+01
				Zn-65	<4.19E+01	0.00E+00	4.19E+01
				Zr-95	<2.59E+01	0.00E+00	2.59E+01
				Nb-95	<1.86E+01	0.00E+00	1.86E+01
				I-131	<2.68E+01	0.00E+00	2.68E+01
				Cs-134	<1.97E+01	0.00E+00	1.97E+01
				Cs-137	<1.59E+01	0.00E+00	1.59E+01
				BaLa-140	<2.60E+01	0.00E+00	2.60E+01
				Be-7	3.29E+03	4.23E+02	2.42E+02
				K-40	2.16E+03	4.12E+02	3.11E+02
Sample ID:	**604793**	**Sample Dates: 3/1/2024 - 3/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.39E+01	0.00E+00	3.39E+01
				Co-58	<1.62E+01	0.00E+00	1.62E+01
				Fe-59	<8.94E+01	0.00E+00	8.94E+01
				Co-60	<4.03E+01	0.00E+00	4.03E+01
				Zn-65	<6.52E+01	0.00E+00	6.52E+01
				Zr-95	<4.59E+01	0.00E+00	4.59E+01
				Nb-95	<2.91E+01	0.00E+00	2.91E+01
				I-131	<5.14E+01	0.00E+00	5.14E+01
				Cs-134	<3.98E+01	0.00E+00	3.98E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 802 [CONTROL - WNW @ 10.4 miles]

Sample ID:	604793	Sample Dates: 3/1/2024 - 3/1/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Cs-137	<3.42E+01	0.00E+00	3.42E+01
				BaLa-140	<3.74E+01	0.00E+00	3.74E+01
				Be-7	2.95E+03	5.24E+02	3.70E+02
				K-40	2.41E+03	6.32E+02	4.98E+02
Sample ID:	**609931**	**Sample Dates: 4/1/2024 - 4/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.99E+01	0.00E+00	2.99E+01
				Co-58	<2.10E+01	0.00E+00	2.10E+01
				Fe-59	<5.43E+01	0.00E+00	5.43E+01
				Co-60	<3.22E+01	0.00E+00	3.22E+01
				Zn-65	<5.30E+01	0.00E+00	5.30E+01
				Zr-95	<3.39E+01	0.00E+00	3.39E+01
				Nb-95	<2.44E+01	0.00E+00	2.44E+01
				I-131	<3.00E+01	0.00E+00	3.00E+01
				Cs-134	<3.02E+01	0.00E+00	3.02E+01
				Cs-137	<2.70E+01	0.00E+00	2.70E+01
				BaLa-140	<3.27E+01	0.00E+00	3.27E+01
				Be-7	1.65E+03	3.32E+02	2.93E+02
				K-40	2.52E+03	5.58E+02	4.29E+02
Sample ID:	**607659**	**Sample Dates: 5/1/2024 - 5/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.00E+01	0.00E+00	2.00E+01
				Co-58	<1.94E+01	0.00E+00	1.94E+01
				Fe-59	<4.21E+01	0.00E+00	4.21E+01
				Co-60	<2.39E+01	0.00E+00	2.39E+01
				Zn-65	<4.67E+01	0.00E+00	4.67E+01
				Zr-95	<3.98E+01	0.00E+00	3.98E+01
				Nb-95	<1.96E+01	0.00E+00	1.96E+01
				I-131	<3.06E+01	0.00E+00	3.06E+01
				Cs-134	<1.90E+01	0.00E+00	1.90E+01
				Cs-137	<2.14E+01	0.00E+00	2.14E+01
				BaLa-140	<2.54E+01	0.00E+00	2.54E+01
				Be-7	1.38E+03	2.58E+02	2.57E+02
				K-40	3.34E+03	5.10E+02	2.97E+02
Sample ID:	**611517**	**Sample Dates: 6/3/2024 - 6/3/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.26E+01	0.00E+00	2.26E+01
				Co-58	<2.17E+01	0.00E+00	2.17E+01
				Fe-59	<5.03E+01	0.00E+00	5.03E+01
				Co-60	<2.41E+01	0.00E+00	2.41E+01
				Zn-65	<3.76E+01	0.00E+00	3.76E+01
				Zr-95	<4.21E+01	0.00E+00	4.21E+01
				Nb-95	<2.02E+01	0.00E+00	2.02E+01
				I-131	<4.41E+01	0.00E+00	4.41E+01
				Cs-134	<1.94E+01	0.00E+00	1.94E+01
				Cs-137	<2.27E+01	0.00E+00	2.27E+01
				BaLa-140	<4.58E+01	0.00E+00	4.58E+01
				Be-7	1.20E+03	2.73E+02	2.81E+02
				K-40	2.31E+03	4.69E+02	3.61E+02
Sample ID:	**612715**	**Sample Dates: 7/2/2024 - 7/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.31E+01	0.00E+00	2.31E+01
				Co-58	<2.49E+01	0.00E+00	2.49E+01
				Fe-59	<6.09E+01	0.00E+00	6.09E+01
				Co-60	<2.06E+01	0.00E+00	2.06E+01
				Zn-65	<5.88E+01	0.00E+00	5.88E+01
				Zr-95	<3.99E+01	0.00E+00	3.99E+01
				Nb-95	<3.30E+01	0.00E+00	3.30E+01
				I-131	<3.51E+01	0.00E+00	3.51E+01
				Cs-134	<2.22E+01	0.00E+00	2.22E+01
				Cs-137	<1.66E+01	0.00E+00	1.66E+01
				BaLa-140	<3.12E+01	0.00E+00	3.12E+01
				Be-7	1.45E+03	3.02E+02	2.73E+02
				K-40	1.77E+03	4.23E+02	3.02E+02

Sample ID: 614476 **Sample Dates: 8/1/2024 - 8/1/2024** **WAXMYRTLE**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.80E+01	0.00E+00	1.80E+01
Co-58	<1.87E+01	0.00E+00	1.87E+01
Fe-59	<4.39E+01	0.00E+00	4.39E+01
Co-60	<2.33E+01	0.00E+00	2.33E+01
Zn-65	<3.79E+01	0.00E+00	3.79E+01
Zr-95	<3.45E+01	0.00E+00	3.45E+01
Nb-95	<2.28E+01	0.00E+00	2.28E+01
I-131	<3.40E+01	0.00E+00	3.40E+01
Cs-134	<2.29E+01	0.00E+00	2.29E+01
Cs-137	<2.46E+01	0.00E+00	2.46E+01
BaLa-140	<3.21E+01	0.00E+00	3.21E+01
Be-7	2.95E+03	4.16E+02	3.17E+02
K-40	2.15E+03	4.16E+02	3.23E+02

Sample ID: 616357 **Sample Dates: 9/3/2024 - 9/3/2024** **WAXMYRTLE**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.20E+01	0.00E+00	2.20E+01
Co-58	<2.14E+01	0.00E+00	2.14E+01
Fe-59	<4.09E+01	0.00E+00	4.09E+01
Co-60	<2.56E+01	0.00E+00	2.56E+01
Zn-65	<5.15E+01	0.00E+00	5.15E+01
Zr-95	<3.83E+01	0.00E+00	3.83E+01
Nb-95	<2.16E+01	0.00E+00	2.16E+01
I-131	<3.37E+01	0.00E+00	3.37E+01
Cs-134	<2.06E+01	0.00E+00	2.06E+01
Cs-137	<2.31E+01	0.00E+00	2.31E+01
BaLa-140	<3.26E+01	0.00E+00	3.26E+01
Be-7	2.31E+03	3.59E+02	2.76E+02
K-40	1.90E+03	3.91E+02	2.77E+02

Sample ID: 618002 **Sample Dates: 10/1/2024 - 10/1/2024** **WAXMYRTLE**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.81E+01	0.00E+00	2.81E+01
Co-58	<2.49E+01	0.00E+00	2.49E+01
Fe-59	<7.01E+01	0.00E+00	7.01E+01
Co-60	<2.76E+01	0.00E+00	2.76E+01
Zn-65	<5.87E+01	0.00E+00	5.87E+01
Zr-95	<4.01E+01	0.00E+00	4.01E+01
Nb-95	<2.57E+01	0.00E+00	2.57E+01
I-131	<2.92E+01	0.00E+00	2.92E+01
Cs-134	<3.60E+01	0.00E+00	3.60E+01
Cs-137	<2.24E+01	0.00E+00	2.24E+01
BaLa-140	<3.19E+01	0.00E+00	3.19E+01
Be-7	1.70E+03	3.55E+02	3.06E+02
K-40	3.43E+03	6.84E+02	3.83E+02

Sample ID: 622606 **Sample Dates: 11/4/2024 - 11/4/2024** **WAXMYRTLE**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.09E+01	0.00E+00	2.09E+01
Co-58	<2.11E+01	0.00E+00	2.11E+01
Fe-59	<4.77E+01	0.00E+00	4.77E+01
Co-60	<2.16E+01	0.00E+00	2.16E+01
Zn-65	<4.65E+01	0.00E+00	4.65E+01
Zr-95	<3.68E+01	0.00E+00	3.68E+01
Nb-95	<1.84E+01	0.00E+00	1.84E+01
I-131	<4.78E+01	0.00E+00	4.78E+01
Cs-134	<2.67E+01	0.00E+00	2.67E+01
Cs-137	<2.21E+01	0.00E+00	2.21E+01
BaLa-140	<4.23E+01	0.00E+00	4.23E+01
Be-7	6.79E+02	2.07E+02	2.64E+02
K-40	2.73E+03	4.75E+02	3.38E+02

Sample ID: 624577 **Sample Dates: 12/2/2024 - 12/2/2024** **WAXMYRTLE**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.26E+01	0.00E+00	1.26E+01
Co-58	<1.66E+01	0.00E+00	1.66E+01
Fe-59	<3.37E+01	0.00E+00	3.37E+01
Co-60	<1.80E+01	0.00E+00	1.80E+01
Zn-65	<3.63E+01	0.00E+00	3.63E+01
Zr-95	<2.23E+01	0.00E+00	2.23E+01

Sample Point 802 [CONTROL - WNW @ 10.4 miles]

Sample ID:	624577	Sample Dates: 12/2/2024 - 12/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Nb-95	<1.38E+01	0.00E+00	1.38E+01
				I-131	<2.87E+01	0.00E+00	2.87E+01
				Cs-134	<1.90E+01	0.00E+00	1.90E+01
				Cs-137	<1.50E+01	0.00E+00	1.50E+01
				BaLa-140	<3.13E+01	0.00E+00	3.13E+01
				Be-7	2.25E+03	3.03E+02	1.84E+02
				K-40	1.95E+03	3.51E+02	2.74E+02

Sample Point 803 [INDICATOR - SSE @ 0.48 miles]

Sample ID:	600309	Sample Dates: 1/2/2024 - 1/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.91E+01	0.00E+00	1.91E+01
				Co-58	<2.13E+01	0.00E+00	2.13E+01
				Fe-59	<4.41E+01	0.00E+00	4.41E+01
				Co-60	<2.18E+01	0.00E+00	2.18E+01
				Zn-65	<4.32E+01	0.00E+00	4.32E+01
				Zr-95	<2.86E+01	0.00E+00	2.86E+01
				Nb-95	<2.22E+01	0.00E+00	2.22E+01
				I-131	<3.59E+01	0.00E+00	3.59E+01
				Cs-134	<1.90E+01	0.00E+00	1.90E+01
				Cs-137	<1.92E+01	0.00E+00	1.92E+01
				BaLa-140	<2.71E+01	0.00E+00	2.71E+01
				Be-7	2.96E+03	4.09E+02	2.71E+02
				K-40	2.72E+03	4.90E+02	4.13E+02
Sample ID:	**603838**	**Sample Dates: 2/1/2024 - 2/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.89E+01	0.00E+00	1.89E+01
				Co-58	<2.12E+01	0.00E+00	2.12E+01
				Fe-59	<3.08E+01	0.00E+00	3.08E+01
				Co-60	<1.98E+01	0.00E+00	1.98E+01
				Zn-65	<3.98E+01	0.00E+00	3.98E+01
				Zr-95	<3.97E+01	0.00E+00	3.97E+01
				Nb-95	<2.21E+01	0.00E+00	2.21E+01
				I-131	<3.01E+01	0.00E+00	3.01E+01
				Cs-134	<2.37E+01	0.00E+00	2.37E+01
				Cs-137	<1.62E+01	0.00E+00	1.62E+01
				BaLa-140	<2.12E+01	0.00E+00	2.12E+01
				Be-7	3.14E+03	4.14E+02	2.42E+02
				K-40	2.30E+03	4.04E+02	2.30E+02
Sample ID:	**604794**	**Sample Dates: 3/1/2024 - 3/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.65E+01	0.00E+00	2.65E+01
				Co-58	<3.29E+01	0.00E+00	3.29E+01
				Fe-59	<5.22E+01	0.00E+00	5.22E+01
				Co-60	<2.71E+01	0.00E+00	2.71E+01
				Zn-65	<3.78E+01	0.00E+00	3.78E+01
				Zr-95	<5.09E+01	0.00E+00	5.09E+01
				Nb-95	<3.94E+01	0.00E+00	3.94E+01
				I-131	<4.18E+01	0.00E+00	4.18E+01
				Cs-134	<3.18E+01	0.00E+00	3.18E+01
				Cs-137	<3.65E+01	0.00E+00	3.65E+01
				BaLa-140	<3.54E+01	0.00E+00	3.54E+01
				Be-7	1.92E+03	4.12E+02	3.53E+02
				K-40	2.39E+03	6.03E+02	4.36E+02
Sample ID:	**609932**	**Sample Dates: 4/1/2024 - 4/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.16E+01	0.00E+00	2.16E+01
				Co-58	<2.35E+01	0.00E+00	2.35E+01
				Fe-59	<5.00E+01	0.00E+00	5.00E+01
				Co-60	<1.94E+01	0.00E+00	1.94E+01
				Zn-65	<5.26E+01	0.00E+00	5.26E+01
				Zr-95	<3.92E+01	0.00E+00	3.92E+01
				Nb-95	<1.60E+01	0.00E+00	1.60E+01
				I-131	<2.54E+01	0.00E+00	2.54E+01
				Cs-134	<2.88E+01	0.00E+00	2.88E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 803 [INDICATOR - SSE @ 0.48 miles]

Sample ID:	609932	Sample Dates: 4/1/2024 - 4/1/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Cs-137	<1.80E+01	0.00E+00	1.80E+01
				BaLa-140	<3.06E+01	0.00E+00	3.06E+01
				Be-7	2.43E+03	3.79E+02	2.40E+02
				K-40	2.62E+03	4.94E+02	2.21E+02
Sample ID:	**607660**	**Sample Dates: 5/2/2024 - 5/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.37E+01	0.00E+00	2.37E+01
				Co-58	<3.23E+01	0.00E+00	3.23E+01
				Fe-59	<5.99E+01	0.00E+00	5.99E+01
				Co-60	<2.25E+01	0.00E+00	2.25E+01
				Zn-65	<3.96E+01	0.00E+00	3.96E+01
				Zr-95	<3.58E+01	0.00E+00	3.58E+01
				Nb-95	<2.58E+01	0.00E+00	2.58E+01
				I-131	<3.61E+01	0.00E+00	3.61E+01
				Cs-134	<3.65E+01	0.00E+00	3.65E+01
				Cs-137	<2.81E+01	0.00E+00	2.81E+01
				BaLa-140	<3.57E+01	0.00E+00	3.57E+01
				Be-7	5.61E+02	2.55E+02	3.50E+02
				K-40	3.13E+03	6.32E+02	3.44E+02
Sample ID:	**611518**	**Sample Dates: 6/3/2024 - 6/3/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.50E+01	0.00E+00	1.50E+01
				Co-58	<1.51E+01	0.00E+00	1.51E+01
				Fe-59	<3.24E+01	0.00E+00	3.24E+01
				Co-60	<1.80E+01	0.00E+00	1.80E+01
				Zn-65	<3.83E+01	0.00E+00	3.83E+01
				Zr-95	<3.11E+01	0.00E+00	3.11E+01
				Nb-95	<2.10E+01	0.00E+00	2.10E+01
				I-131	<3.73E+01	0.00E+00	3.73E+01
				Cs-134	<2.68E+01	0.00E+00	2.68E+01
				Cs-137	<1.25E+01	0.00E+00	1.25E+01
				BaLa-140	<3.18E+01	0.00E+00	3.18E+01
				Be-7	9.09E+02	2.03E+02	2.25E+02
				K-40	2.70E+03	4.32E+02	2.90E+02
Sample ID:	**612716**	**Sample Dates: 7/2/2024 - 7/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.58E+01	0.00E+00	2.58E+01
				Co-58	<2.45E+01	0.00E+00	2.45E+01
				Fe-59	<4.53E+01	0.00E+00	4.53E+01
				Co-60	<2.89E+01	0.00E+00	2.89E+01
				Zn-65	<5.74E+01	0.00E+00	5.74E+01
				Zr-95	<4.99E+01	0.00E+00	4.99E+01
				Nb-95	<3.20E+01	0.00E+00	3.20E+01
				I-131	<3.53E+01	0.00E+00	3.53E+01
				Cs-134	<2.52E+01	0.00E+00	2.52E+01
				Cs-137	<2.91E+01	0.00E+00	2.91E+01
				BaLa-140	<2.62E+01	0.00E+00	2.62E+01
				Be-7	8.98E+02	2.62E+02	3.03E+02
				K-40	2.91E+03	5.87E+02	4.18E+02
Sample ID:	**614477**	**Sample Dates: 8/1/2024 - 8/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.41E+01	0.00E+00	2.41E+01
				Co-58	<2.43E+01	0.00E+00	2.43E+01
				Fe-59	<4.55E+01	0.00E+00	4.55E+01
				Co-60	<2.45E+01	0.00E+00	2.45E+01
				Zn-65	<5.49E+01	0.00E+00	5.49E+01
				Zr-95	<4.55E+01	0.00E+00	4.55E+01
				Nb-95	<2.48E+01	0.00E+00	2.48E+01
				I-131	<4.01E+01	0.00E+00	4.01E+01
				Cs-134	<2.93E+01	0.00E+00	2.93E+01
				Cs-137	<2.42E+01	0.00E+00	2.42E+01
				BaLa-140	<3.55E+01	0.00E+00	3.55E+01
				Be-7	1.79E+03	3.31E+02	3.22E+02
				K-40	3.14E+03	5.58E+02	4.14E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 803 [INDICATOR - SSE @ 0.48 miles]

Sample ID:	616358	Sample Dates: 9/3/2024 - 9/3/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.62E+01	0.00E+00	1.62E+01
				Co-58	<1.67E+01	0.00E+00	1.67E+01
				Fe-59	<4.76E+01	0.00E+00	4.76E+01
				Co-60	<1.41E+01	0.00E+00	1.41E+01
				Zn-65	<4.35E+01	0.00E+00	4.35E+01
				Zr-95	<2.66E+01	0.00E+00	2.66E+01
				Nb-95	<1.95E+01	0.00E+00	1.95E+01
				I-131	<2.45E+01	0.00E+00	2.45E+01
				Cs-134	<2.05E+01	0.00E+00	2.05E+01
				Cs-137	<1.65E+01	0.00E+00	1.65E+01
				BaLa-140	<2.73E+01	0.00E+00	2.73E+01
				Be-7	1.68E+03	2.74E+02	2.42E+02
				K-40	2.76E+03	4.28E+02	1.97E+02
Sample ID:	**618003**	**Sample Dates: 10/1/2024 - 10/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.46E+01	0.00E+00	2.46E+01
				Co-58	<2.72E+01	0.00E+00	2.72E+01
				Fe-59	<4.89E+01	0.00E+00	4.89E+01
				Co-60	<2.21E+01	0.00E+00	2.21E+01
				Zn-65	<6.23E+01	0.00E+00	6.23E+01
				Zr-95	<4.71E+01	0.00E+00	4.71E+01
				Nb-95	<2.52E+01	0.00E+00	2.52E+01
				I-131	<2.63E+01	0.00E+00	2.63E+01
				Cs-134	<3.33E+01	0.00E+00	3.33E+01
				Cs-137	<3.18E+01	0.00E+00	3.18E+01
				BaLa-140	<2.35E+01	0.00E+00	2.35E+01
				Be-7	2.01E+03	3.79E+02	3.00E+02
				K-40	2.08E+03	5.13E+02	3.79E+02
Sample ID:	**622607**	**Sample Dates: 11/4/2024 - 11/4/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.04E+01	0.00E+00	2.04E+01
				Co-58	<1.77E+01	0.00E+00	1.77E+01
				Fe-59	<4.23E+01	0.00E+00	4.23E+01
				Co-60	<2.22E+01	0.00E+00	2.22E+01
				Zn-65	<4.56E+01	0.00E+00	4.56E+01
				Zr-95	<4.02E+01	0.00E+00	4.02E+01
				Nb-95	<2.61E+01	0.00E+00	2.61E+01
				I-131	<3.77E+01	0.00E+00	3.77E+01
				Cs-134	<2.27E+01	0.00E+00	2.27E+01
				Cs-137	<2.52E+01	0.00E+00	2.52E+01
				BaLa-140	<4.33E+01	0.00E+00	4.33E+01
				Be-7	1.60E+03	2.99E+02	2.98E+02
				K-40	2.46E+03	4.32E+02	2.78E+02
Sample ID:	**624578**	**Sample Dates: 12/2/2024 - 12/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.27E+01	0.00E+00	1.27E+01
				Co-58	<1.72E+01	0.00E+00	1.72E+01
				Fe-59	<3.19E+01	0.00E+00	3.19E+01
				Co-60	<1.58E+01	0.00E+00	1.58E+01
				Zn-65	<3.86E+01	0.00E+00	3.86E+01
				Zr-95	<3.22E+01	0.00E+00	3.22E+01
				Nb-95	<2.15E+01	0.00E+00	2.15E+01
				I-131	<3.02E+01	0.00E+00	3.02E+01
				Cs-134	<2.18E+01	0.00E+00	2.18E+01
				Cs-137	<1.93E+01	0.00E+00	1.93E+01
				BaLa-140	<2.20E+01	0.00E+00	2.20E+01
				Be-7	1.65E+03	2.72E+02	2.37E+02
				K-40	2.34E+03	4.02E+02	3.06E+02

Sample Point 804 [INDICATOR - S @ 0.67 miles]

Sample ID:	600310	Sample Dates: 1/2/2024 - 1/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.01E+01	0.00E+00	2.01E+01
				Co-58	<1.87E+01	0.00E+00	1.87E+01
				Fe-59	<4.52E+01	0.00E+00	4.52E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 804 [INDICATOR - S @ 0.67 miles]

Sample ID:	600310	Sample Dates: 1/2/2024 - 1/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Co-60	<2.74E+01	0.00E+00	2.74E+01
				Zn-65	<3.79E+01	0.00E+00	3.79E+01
				Zr-95	<3.05E+01	0.00E+00	3.05E+01
				Nb-95	<2.42E+01	0.00E+00	2.42E+01
				I-131	<3.22E+01	0.00E+00	3.22E+01
				Cs-134	<2.50E+01	0.00E+00	2.50E+01
				Cs-137	<2.53E+01	0.00E+00	2.53E+01
				BaLa-140	<3.60E+01	0.00E+00	3.60E+01
				Be-7	2.27E+03	3.73E+02	3.53E+02
				K-40	1.95E+03	3.62E+02	1.63E+02
Sample ID:	**603839**	**Sample Dates: 2/1/2024 - 2/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.87E+01	0.00E+00	1.87E+01
				Co-58	<1.58E+01	0.00E+00	1.58E+01
				Fe-59	<3.46E+01	0.00E+00	3.46E+01
				Co-60	<1.71E+01	0.00E+00	1.71E+01
				Zn-65	<3.31E+01	0.00E+00	3.31E+01
				Zr-95	<2.50E+01	0.00E+00	2.50E+01
				Nb-95	<1.39E+01	0.00E+00	1.39E+01
				I-131	<2.25E+01	0.00E+00	2.25E+01
				Cs-134	<1.63E+01	0.00E+00	1.63E+01
				Cs-137	<1.58E+01	0.00E+00	1.58E+01
				BaLa-140	<2.83E+01	0.00E+00	2.83E+01
				Be-7	1.99E+03	2.98E+02	2.23E+02
				K-40	2.14E+03	3.78E+02	2.54E+02
Sample ID:	**604795**	**Sample Dates: 3/1/2024 - 3/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.36E+01	0.00E+00	2.36E+01
				Co-58	<3.20E+01	0.00E+00	3.20E+01
				Fe-59	<6.17E+01	0.00E+00	6.17E+01
				Co-60	<3.40E+01	0.00E+00	3.40E+01
				Zn-65	<7.03E+01	0.00E+00	7.03E+01
				Zr-95	<4.95E+01	0.00E+00	4.95E+01
				Nb-95	<2.45E+01	0.00E+00	2.45E+01
				I-131	<4.33E+01	0.00E+00	4.33E+01
				Cs-134	<3.09E+01	0.00E+00	3.09E+01
				Cs-137	<2.48E+01	0.00E+00	2.48E+01
				BaLa-140	<5.01E+01	0.00E+00	5.01E+01
				Be-7	3.54E+03	5.75E+02	3.70E+02
				K-40	2.04E+03	5.26E+02	2.92E+02
Sample ID:	**609933**	**Sample Dates: 4/1/2024 - 4/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.24E+01	0.00E+00	2.24E+01
				Co-58	<2.25E+01	0.00E+00	2.25E+01
				Fe-59	<5.63E+01	0.00E+00	5.63E+01
				Co-60	<3.09E+01	0.00E+00	3.09E+01
				Zn-65	<5.12E+01	0.00E+00	5.12E+01
				Zr-95	<3.72E+01	0.00E+00	3.72E+01
				Nb-95	<1.74E+01	0.00E+00	1.74E+01
				I-131	<2.76E+01	0.00E+00	2.76E+01
				Cs-134	<1.98E+01	0.00E+00	1.98E+01
				Cs-137	<2.06E+01	0.00E+00	2.06E+01
				BaLa-140	<2.96E+01	0.00E+00	2.96E+01
				Be-7	4.09E+03	5.50E+02	2.58E+02
				K-40	2.83E+03	5.50E+02	3.22E+02
Sample ID:	**607661**	**Sample Dates: 5/2/2024 - 5/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.12E+01	0.00E+00	3.12E+01
				Co-58	<2.20E+01	0.00E+00	2.20E+01
				Fe-59	<5.10E+01	0.00E+00	5.10E+01
				Co-60	<2.77E+01	0.00E+00	2.77E+01
				Zn-65	<4.22E+01	0.00E+00	4.22E+01
				Zr-95	<4.17E+01	0.00E+00	4.17E+01
				Nb-95	<2.91E+01	0.00E+00	2.91E+01
				I-131	<3.25E+01	0.00E+00	3.25E+01
				Cs-134	<2.82E+01	0.00E+00	2.82E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 804 [INDICATOR - S @ 0.67 miles]

Sample ID:	607661	Sample Dates: 5/2/2024 - 5/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Cs-137	<2.59E+01	0.00E+00	2.59E+01
				BaLa-140	<6.13E+01	0.00E+00	6.13E+01
				Be-7	1.61E+03	3.53E+02	3.11E+02
				K-40	2.89E+03	6.09E+02	2.70E+02
Sample ID:	**611519**	**Sample Dates: 6/3/2024 - 6/3/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.12E+01	0.00E+00	2.12E+01
				Co-58	<2.31E+01	0.00E+00	2.31E+01
				Fe-59	<4.86E+01	0.00E+00	4.86E+01
				Co-60	<1.91E+01	0.00E+00	1.91E+01
				Zn-65	<4.29E+01	0.00E+00	4.29E+01
				Zr-95	<3.04E+01	0.00E+00	3.04E+01
				Nb-95	<2.09E+01	0.00E+00	2.09E+01
				I-131	<4.30E+01	0.00E+00	4.30E+01
				Cs-134	<2.40E+01	0.00E+00	2.40E+01
				Cs-137	<1.55E+01	0.00E+00	1.55E+01
				BaLa-140	<3.78E+01	0.00E+00	3.78E+01
				Be-7	9.20E+02	2.32E+02	2.78E+02
				K-40	3.02E+03	4.94E+02	3.31E+02
Sample ID:	**612717**	**Sample Dates: 7/2/2024 - 7/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.78E+01	0.00E+00	1.78E+01
				Co-58	<2.19E+01	0.00E+00	2.19E+01
				Fe-59	<3.91E+01	0.00E+00	3.91E+01
				Co-60	<2.02E+01	0.00E+00	2.02E+01
				Zn-65	<3.71E+01	0.00E+00	3.71E+01
				Zr-95	<3.35E+01	0.00E+00	3.35E+01
				Nb-95	<1.97E+01	0.00E+00	1.97E+01
				I-131	<3.01E+01	0.00E+00	3.01E+01
				Cs-134	<2.24E+01	0.00E+00	2.24E+01
				Cs-137	<2.15E+01	0.00E+00	2.15E+01
				BaLa-140	<2.57E+01	0.00E+00	2.57E+01
				Be-7	1.61E+03	2.68E+02	2.35E+02
				K-40	2.76E+03	4.44E+02	2.80E+02
Sample ID:	**614478**	**Sample Dates: 8/1/2024 - 8/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.74E+01	0.00E+00	2.74E+01
				Co-58	<2.20E+01	0.00E+00	2.20E+01
				Fe-59	<5.16E+01	0.00E+00	5.16E+01
				Co-60	<2.27E+01	0.00E+00	2.27E+01
				Zn-65	<6.56E+01	0.00E+00	6.56E+01
				Zr-95	<4.67E+01	0.00E+00	4.67E+01
				Nb-95	<2.51E+01	0.00E+00	2.51E+01
				I-131	<3.82E+01	0.00E+00	3.82E+01
				Cs-134	<2.82E+01	0.00E+00	2.82E+01
				Cs-137	<1.76E+01	0.00E+00	1.76E+01
				BaLa-140	<3.49E+01	0.00E+00	3.49E+01
				Be-7	2.17E+03	3.56E+02	2.98E+02
				K-40	2.98E+03	4.95E+02	1.46E+02
Sample ID:	**616359**	**Sample Dates: 9/3/2024 - 9/3/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.76E+01	0.00E+00	1.76E+01
				Co-58	<2.10E+01	0.00E+00	2.10E+01
				Fe-59	<4.32E+01	0.00E+00	4.32E+01
				Co-60	<1.39E+01	0.00E+00	1.39E+01
				Zn-65	<3.40E+01	0.00E+00	3.40E+01
				Zr-95	<3.38E+01	0.00E+00	3.38E+01
				Nb-95	<2.08E+01	0.00E+00	2.08E+01
				I-131	<3.21E+01	0.00E+00	3.21E+01
				Cs-134	<2.64E+01	0.00E+00	2.64E+01
				Cs-137	<1.65E+01	0.00E+00	1.65E+01
				BaLa-140	<1.78E+01	0.00E+00	1.78E+01
				Be-7	1.01E+03	2.19E+02	2.37E+02
				K-40	3.13E+03	5.03E+02	3.53E+02

Sample Point 804 [INDICATOR - S @ 0.67 miles]

Sample ID:	618004	Sample Dates: 10/1/2024 - 10/1/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.22E+01	0.00E+00	2.22E+01
				Co-58	<2.08E+01	0.00E+00	2.08E+01
				Fe-59	<5.63E+01	0.00E+00	5.63E+01
				Co-60	<3.23E+01	0.00E+00	3.23E+01
				Zn-65	<6.54E+01	0.00E+00	6.54E+01
				Zr-95	<3.08E+01	0.00E+00	3.08E+01
				Nb-95	<2.50E+01	0.00E+00	2.50E+01
				I-131	<1.91E+01	0.00E+00	1.91E+01
				Cs-134	<2.90E+01	0.00E+00	2.90E+01
				Cs-137	<2.28E+01	0.00E+00	2.28E+01
				BaLa-140	<2.12E+01	0.00E+00	2.12E+01
				Be-7	2.08E+03	3.67E+02	2.58E+02
				K-40	2.39E+03	5.57E+02	4.79E+02
Sample ID:	**622608**	**Sample Dates: 11/4/2024 - 11/4/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.41E+01	0.00E+00	2.41E+01
				Co-58	<1.73E+01	0.00E+00	1.73E+01
				Fe-59	<4.14E+01	0.00E+00	4.14E+01
				Co-60	<2.74E+01	0.00E+00	2.74E+01
				Zn-65	<4.17E+01	0.00E+00	4.17E+01
				Zr-95	<3.66E+01	0.00E+00	3.66E+01
				Nb-95	<2.27E+01	0.00E+00	2.27E+01
				I-131	<5.34E+01	0.00E+00	5.34E+01
				Cs-134	<2.45E+01	0.00E+00	2.45E+01
				Cs-137	<1.76E+01	0.00E+00	1.76E+01
				BaLa-140	<2.12E+01	0.00E+00	2.12E+01
				Be-7	1.60E+03	2.88E+02	2.40E+02
				K-40	3.01E+03	5.06E+02	3.02E+02
Sample ID:	**624579**	**Sample Dates: 12/2/2024 - 12/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.06E+01	0.00E+00	2.06E+01
				Co-58	<1.77E+01	0.00E+00	1.77E+01
				Fe-59	<5.25E+01	0.00E+00	5.25E+01
				Co-60	<2.94E+01	0.00E+00	2.94E+01
				Zn-65	<4.72E+01	0.00E+00	4.72E+01
				Zr-95	<3.68E+01	0.00E+00	3.68E+01
				Nb-95	<2.03E+01	0.00E+00	2.03E+01
				I-131	<4.19E+01	0.00E+00	4.19E+01
				Cs-134	<2.29E+01	0.00E+00	2.29E+01
				Cs-137	<1.66E+01	0.00E+00	1.66E+01
				BaLa-140	<2.68E+01	0.00E+00	2.68E+01
				Be-7	1.63E+03	3.08E+02	3.14E+02
				K-40	2.85E+03	4.74E+02	2.84E+02

Sample Point 806 [INDICATOR - ENE @ 1.06 miles]

Sample ID:	600311	Sample Dates: 1/2/2024 - 1/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.00E+01	0.00E+00	2.00E+01
				Co-58	<1.73E+01	0.00E+00	1.73E+01
				Fe-59	<4.87E+01	0.00E+00	4.87E+01
				Co-60	<2.42E+01	0.00E+00	2.42E+01
				Zn-65	<3.75E+01	0.00E+00	3.75E+01
				Zr-95	<3.61E+01	0.00E+00	3.61E+01
				Nb-95	<2.34E+01	0.00E+00	2.34E+01
				I-131	<3.73E+01	0.00E+00	3.73E+01
				Cs-134	<2.39E+01	0.00E+00	2.39E+01
				Cs-137	<1.81E+01	0.00E+00	1.81E+01
				BaLa-140	<2.80E+01	0.00E+00	2.80E+01
				Be-7	2.79E+03	3.86E+02	2.81E+02
				K-40	2.21E+03	4.08E+02	3.23E+02
Sample ID:	**603840**	**Sample Dates: 2/1/2024 - 2/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.19E+01	0.00E+00	2.19E+01
				Co-58	<1.76E+01	0.00E+00	1.76E+01
				Fe-59	<3.82E+01	0.00E+00	3.82E+01

Sample ID:	603840	Sample Dates: 2/1/2024 - 2/1/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Co-60	<2.40E+01	0.00E+00	2.40E+01
				Zn-65	<5.43E+01	0.00E+00	5.43E+01
				Zr-95	<2.96E+01	0.00E+00	2.96E+01
				Nb-95	<2.32E+01	0.00E+00	2.32E+01
				I-131	<2.52E+01	0.00E+00	2.52E+01
				Cs-134	<2.35E+01	0.00E+00	2.35E+01
				Cs-137	<2.22E+01	0.00E+00	2.22E+01
				BaLa-140	<3.24E+01	0.00E+00	3.24E+01
				Be-7	1.86E+03	3.02E+02	2.52E+02
				K-40	2.41E+03	4.31E+02	3.14E+02
Sample ID:	**604796**	**Sample Dates: 3/1/2024 - 3/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.45E+01	0.00E+00	2.45E+01
				Co-58	<3.14E+01	0.00E+00	3.14E+01
				Fe-59	<4.52E+01	0.00E+00	4.52E+01
				Co-60	<2.72E+01	0.00E+00	2.72E+01
				Zn-65	<8.60E+01	0.00E+00	8.60E+01
				Zr-95	<4.77E+01	0.00E+00	4.77E+01
				Nb-95	<3.67E+01	0.00E+00	3.67E+01
				I-131	<4.89E+01	0.00E+00	4.89E+01
				Cs-134	<3.61E+01	0.00E+00	3.61E+01
				Cs-137	<3.41E+01	0.00E+00	3.41E+01
				BaLa-140	<4.45E+01	0.00E+00	4.45E+01
				Be-7	1.89E+03	4.11E+02	3.60E+02
				K-40	1.96E+03	5.25E+02	3.16E+02
Sample ID:	**609934**	**Sample Dates: 4/1/2024 - 4/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.51E+01	0.00E+00	2.51E+01
				Co-58	<2.89E+01	0.00E+00	2.89E+01
				Fe-59	<5.14E+01	0.00E+00	5.14E+01
				Co-60	<3.00E+01	0.00E+00	3.00E+01
				Zn-65	<5.65E+01	0.00E+00	5.65E+01
				Zr-95	<4.81E+01	0.00E+00	4.81E+01
				Nb-95	<3.14E+01	0.00E+00	3.14E+01
				I-131	<3.27E+01	0.00E+00	3.27E+01
				Cs-134	<3.09E+01	0.00E+00	3.09E+01
				Cs-137	<2.67E+01	0.00E+00	2.67E+01
				BaLa-140	<4.23E+01	0.00E+00	4.23E+01
				Be-7	3.14E+03	4.91E+02	3.28E+02
				K-40	2.95E+03	6.46E+02	5.59E+02
Sample ID:	**607662**	**Sample Dates: 5/1/2024 - 5/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.34E+01	0.00E+00	2.34E+01
				Co-58	<2.70E+01	0.00E+00	2.70E+01
				Fe-59	<3.70E+01	0.00E+00	3.70E+01
				Co-60	<3.38E+01	0.00E+00	3.38E+01
				Zn-65	<5.53E+01	0.00E+00	5.53E+01
				Zr-95	<4.70E+01	0.00E+00	4.70E+01
				Nb-95	<3.00E+01	0.00E+00	3.00E+01
				I-131	<3.36E+01	0.00E+00	3.36E+01
				Cs-134	<3.48E+01	0.00E+00	3.48E+01
				Cs-137	<3.20E+01	0.00E+00	3.20E+01
				BaLa-140	<3.70E+01	0.00E+00	3.70E+01
				Be-7	1.47E+03	3.40E+02	3.33E+02
				K-40	3.22E+03	6.31E+02	3.05E+02
Sample ID:	**611520**	**Sample Dates: 6/3/2024 - 6/3/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.76E+01	0.00E+00	1.76E+01
				Co-58	<1.82E+01	0.00E+00	1.82E+01
				Fe-59	<4.38E+01	0.00E+00	4.38E+01
				Co-60	<1.98E+01	0.00E+00	1.98E+01
				Zn-65	<4.62E+01	0.00E+00	4.62E+01
				Zr-95	<3.83E+01	0.00E+00	3.83E+01
				Nb-95	<2.05E+01	0.00E+00	2.05E+01
				I-131	<4.41E+01	0.00E+00	4.41E+01
				Cs-134	<2.17E+01	0.00E+00	2.17E+01

Sample ID:	611520	Sample Dates: 6/3/2024 - 6/3/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Cs-137	<1.72E+01	0.00E+00	1.72E+01
				BaLa-140	<2.94E+01	0.00E+00	2.94E+01
				Be-7	1.08E+03	2.33E+02	2.40E+02
				K-40	2.57E+03	4.25E+02	1.97E+02
Sample ID:	**612718**	**Sample Dates: 7/2/2024 - 7/2/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.75E+01	0.00E+00	3.75E+01
				Co-58	<1.80E+01	0.00E+00	1.80E+01
				Fe-59	<9.12E+01	0.00E+00	9.12E+01
				Co-60	<4.46E+01	0.00E+00	4.46E+01
				Zn-65	<4.42E+01	0.00E+00	4.42E+01
				Zr-95	<7.09E+01	0.00E+00	7.09E+01
				Nb-95	<3.51E+01	0.00E+00	3.51E+01
				I-131	<4.99E+01	0.00E+00	4.99E+01
				Cs-134	<2.83E+01	0.00E+00	2.83E+01
				Cs-137	<3.19E+01	0.00E+00	3.19E+01
				BaLa-140	<4.38E+01	0.00E+00	4.38E+01
				Be-7	1.25E+03	3.48E+02	3.26E+02
				K-40	3.20E+03	7.50E+02	4.96E+02
Sample ID:	**614479**	**Sample Dates: 8/1/2024 - 8/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.98E+01	0.00E+00	1.98E+01
				Co-58	<2.60E+01	0.00E+00	2.60E+01
				Fe-59	<5.30E+01	0.00E+00	5.30E+01
				Co-60	<3.00E+01	0.00E+00	3.00E+01
				Zn-65	<6.38E+01	0.00E+00	6.38E+01
				Zr-95	<5.05E+01	0.00E+00	5.05E+01
				Nb-95	<3.30E+01	0.00E+00	3.30E+01
				I-131	<4.60E+01	0.00E+00	4.60E+01
				Cs-134	<3.12E+01	0.00E+00	3.12E+01
				Cs-137	<2.40E+01	0.00E+00	2.40E+01
				BaLa-140	<3.79E+01	0.00E+00	3.79E+01
				Be-7	1.28E+03	2.91E+02	3.00E+02
				K-40	2.92E+03	5.71E+02	4.57E+02
Sample ID:	**616360**	**Sample Dates: 9/3/2024 - 9/3/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.35E+01	0.00E+00	2.35E+01
				Co-58	<2.82E+01	0.00E+00	2.82E+01
				Fe-59	<4.45E+01	0.00E+00	4.45E+01
				Co-60	<2.37E+01	0.00E+00	2.37E+01
				Zn-65	<4.45E+01	0.00E+00	4.45E+01
				Zr-95	<3.64E+01	0.00E+00	3.64E+01
				Nb-95	<2.36E+01	0.00E+00	2.36E+01
				I-131	<4.02E+01	0.00E+00	4.02E+01
				Cs-134	<2.70E+01	0.00E+00	2.70E+01
				Cs-137	<2.96E+01	0.00E+00	2.96E+01
				BaLa-140	<3.36E+01	0.00E+00	3.36E+01
				Be-7	1.77E+03	3.39E+02	3.25E+02
				K-40	3.04E+03	5.24E+02	1.87E+02
Sample ID:	**618005**	**Sample Dates: 10/1/2024 - 10/1/2024**	**WAXMYRTLE**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.96E+01	0.00E+00	3.96E+01
				Co-58	<2.94E+01	0.00E+00	2.94E+01
				Fe-59	<4.56E+01	0.00E+00	4.56E+01
				Co-60	<2.51E+01	0.00E+00	2.51E+01
				Zn-65	<6.63E+01	0.00E+00	6.63E+01
				Zr-95	<5.35E+01	0.00E+00	5.35E+01
				Nb-95	<3.73E+01	0.00E+00	3.73E+01
				I-131	<3.87E+01	0.00E+00	3.87E+01
				Cs-134	<4.06E+01	0.00E+00	4.06E+01
				Cs-137	<3.14E+01	0.00E+00	3.14E+01
				BaLa-140	<9.86E+00	0.00E+00	9.86E+00
				Be-7	2.51E+03	4.56E+02	3.47E+02
				K-40	2.86E+03	6.40E+02	4.07E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 806 [INDICATOR - ENE @ 1.06 miles]

Sample ID:	622609	Sample Dates: 11/4/2024 - 11/4/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.43E+01	0.00E+00	2.43E+01
				Co-58	<2.57E+01	0.00E+00	2.57E+01
				Fe-59	<5.62E+01	0.00E+00	5.62E+01
				Co-60	<2.77E+01	0.00E+00	2.77E+01
				Zn-65	<5.23E+01	0.00E+00	5.23E+01
				Zr-95	<4.92E+01	0.00E+00	4.92E+01
				Nb-95	<3.28E+01	0.00E+00	3.28E+01
				I-131	<4.97E+01	0.00E+00	4.97E+01
				Cs-134	<2.28E+01	0.00E+00	2.28E+01
				Cs-137	<2.41E+01	0.00E+00	2.41E+01
				BaLa-140	<4.61E+01	0.00E+00	4.61E+01
				Be-7	1.52E+03	3.25E+02	3.68E+02
				K-40	2.98E+03	5.22E+02	3.69E+02

Sample ID:	624580	Sample Dates: 12/2/2024 - 12/2/2024	WAXMYRTLE	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.06E+01	0.00E+00	2.06E+01
				Co-58	<1.65E+01	0.00E+00	1.65E+01
				Fe-59	<3.81E+01	0.00E+00	3.81E+01
				Co-60	<1.59E+01	0.00E+00	1.59E+01
				Zn-65	<4.36E+01	0.00E+00	4.36E+01
				Zr-95	<2.79E+01	0.00E+00	2.79E+01
				Nb-95	<2.01E+01	0.00E+00	2.01E+01
				I-131	<3.52E+01	0.00E+00	3.52E+01
				Cs-134	<1.85E+01	0.00E+00	1.85E+01
				Cs-137	<1.67E+01	0.00E+00	1.67E+01
				BaLa-140	<4.13E+01	0.00E+00	4.13E+01
				Be-7	8.66E+02	2.18E+02	2.64E+02
				K-40	2.26E+03	3.85E+02	2.17E+02

APPENDIX F

ERRATA TO PREVIOUS REPORTS

APPENDIX F

F.1 ERRATA TO THE PREVIOUS AREORs

In Section 3.3 Ground Water of the 2023 BSEP AREOR, an error was identified in the third paragraph (NCR# 02551019). The number of indicator ground water samples should have been 34, not 32, and the paragraph should have been the following:

No detectable gamma activity attributable to BSEP operation was found in ground water samples in 2023. K-40 observed in some ground water samples is a naturally occurring radionuclide. Tritium was detected in six of the 34 indicator ground water samples taken in 2023 with a mean tritium concentration of 2089 pCi/L.

In Appendix B of the 2023 BSEP AREOR, the denominator for "All Indicator Locations Mean(2)(3)Range(2)" should have been 34, not 32. The denominator indicates the total number of indicator location samples, and the numerator indicates the number of positive results. Since the additional two results had no positive results, this did not impact the numerator, the average, or the range. Below is the corrected Appendix B section for the ground water pathway:

BRUNSWICK STEAM ELECTRIC PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Brunswick Steam Electric Plant
Brunswick County, North Carolina

Docket Numbers 50-324, 325
Calendar Year 2023

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range [2] [3]		
Ground Water (pCi/l)	Gamma 17	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 34	See Table 2.2-C	2.09E+03 (6/34) 2.71E+02 – 4.40E+03	420 Monitoring Well ESS-22B	4.22E+03 (2/2) 4.03E+03 – 4.40E+03	No Control	0

Enclosure 2
RA-25-0096

ENCLOSURE 2: CNS Annual Radiological Environmental Operating Report

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

DUKE ENERGY CORPORATION
CATAWBA NUCLEAR STATION
Units 1 and 2

2024

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LIST OF ACRONYMS USED IN THIS TEXT *(in alphabetical order)*

AREOR	Annual Radiological Environmental Operating Report
BW	BiWeekly
C	Control
CM	Community
CNS	Catawba Nuclear Station
EZA	Eckert & Ziegler Analytics
GPS	Global Positioning System
I	Indicator
IR	Inner Ring
ISFSI	Independent Spent Fuel Storage Installation
LLD	Lower Limit of Detection
LLI	Low Level Iodine
LUC	Land Use Census
M	Monthly
MAPEP	Department of Energy Mixed Analyte Performance Evaluation Program
MDA	Minimum Detectable Activity
mR/Std Qtr	milliroentgen per standard quarter
MWe	Megawatt (electrical)
NIST	National Institute of Standards and Technology
NCR	Nuclear Condition Report – Corrective Action Program
NRC	Nuclear Regulatory Commission
ODCM	Offsite Dose Calculation Manual
OR	Outer Ring
pCi/kg	picocurie per kilogram
pCi/l	picocurie per liter
pCi/m3	picocurie per cubic meter
Q	Quarterly
REMP	Radiological Environmental Monitoring Program
SA	Semiannually
SB	Site Boundary
SI	Special Interest
SLCs	Selected Licensee Commitments
SM	Semimonthly
TECH SPECs	Technical Specifications
TLD	Thermoluminescent Dosimeter
µCi/ml	microcurie per milliliter
UFSAR	Updated Final Safety Analysis Report
W	Weekly

1.0 EXECUTIVE SUMMARY

This Annual Radiological Environmental Operating Report describes the Catawba Nuclear Station Radiological Environmental Monitoring Program (REMP), and the program results for the calendar year 2024.

Included are the identification of sampling locations, descriptions of environmental sampling and analysis procedures, comparisons of present environmental radioactivity levels and pre-operational environmental data, analysis of trends in environmental radiological data as potentially affected by station operations, and a summary of environmental radiological sampling results. Quality assurance practices, sampling deviations, unavailable samples, and program changes are also discussed.

Sampling activities were conducted as prescribed by the Catawba Nuclear Station Offsite Dose Calculated Manual (ODCM) and Selected Licensee Commitments (SLCs). Eight hundred and ninety-one samples were analyzed comprising nine hundred and thirty-two test results in order to compile data for the 2024 report. Based on the annual land use census, the current number of sampling sites for Catawba Nuclear Station is sufficient.

Concentrations observed in the environment in 2024 for station related radionuclides were generally within the ranges of concentrations observed in the past. Inspection of data showed that radioactivity concentrations in drinking water, surface water, and broad leaf vegetation are higher than the activities reported for samples collected prior to the operation of the station. Measured concentrations were not higher than expected and all positively identified measurements attributable to station operation were within limits as specified in the Catawba Nuclear Station (CNS) ODCM and SLCs, thus presenting no significant impact on the environment or public health and safety.

2.0 INTRODUCTION

2.1 SITE DESCRIPTION AND SAMPLE LOCATIONS

Duke Energy Corporation's Catawba Nuclear Station is a two-unit facility located on the shore of Lake Wylie in York County, South Carolina. Each of the two essentially identical units employs a pressurized water reactor nuclear steam supply system furnished by Westinghouse Electric Corporation. Unit one produces a net electrical output of 1165 MWe, while Unit 2 produces a net electrical output of 1145 MWe. Units 1 and 2 achieved initial criticality on January 7, 1985, and May 8, 1986, respectively.

Condenser cooling is accomplished utilizing a closed system incorporating cooling towers, instead of using lake water directly. Liquid effluents are released into Lake Wylie via the station discharge canal and are not accompanied by the large additional dilution water flow associated with "once-through" condenser cooling. This design results in greater radionuclide concentrations in the discharge canal given comparable liquid effluent source terms.

Sampling locations are chosen based upon meteorological factors, preoperational monitoring, and results of the land use surveys. Figures 2.1-1, 2.1-2, and 2.1-3 are maps depicting the Thermoluminescent Dosimeter (TLD) monitoring locations and the sampling locations. The location numbers shown on these maps correspond to those listed in Tables 2.1-A and 2.1-B. Figure 2.1-1 comprises all sample locations within a one mile radius of CNS. Figures 2.1-2 and 2.1-3 comprise all sample locations within a 10 mile radius of CNS and beyond.

The Catawba site centerline used for GPS measurements was referenced from the Catawba Nuclear Station Updated Final Safety Analysis Report (UFSAR), section 2.1.1.1, Specification of Location. Waypoint coordinates used for CNS GPS measurements were latitude 35°-3'-5"N and longitude 81°-4'-10"W. Maps and tables were generated using North American Datum (NAD) 27. Data normally reflect accuracy to within 2 to 5 meters from point of measurement. All GPS field measurements were taken as close as possible to the item of interest. Distances for the locations are displayed using three significant figures.

2.2 SCOPE AND REQUIREMENTS OF THE REMP

An environmental monitoring program has been in effect at Catawba Nuclear Station since 1981, four years prior to operation of Unit 1 in 1985. The preoperational program provides data on the existing environmental radioactivity levels for the site and vicinity which may be used to determine whether increases in environmental levels are attributable to the station. The operational program provides surveillance and backup support of detailed effluent monitoring which is necessary to evaluate the significance, if any, of the contributions to the existing environmental radioactivity levels that result from station operation.

This monitoring program is based on NRC guidance as reflected in the Selected Licensee Commitments Manual, with regard to sample media, sampling locations, sampling frequency and

analytical sensitivity requirements. Indicator and control locations were established for comparison purposes to distinguish radioactivity of station origin from natural or other “man-made” environmental radioactivity.

The environmental monitoring program also verifies projected and anticipated radionuclide concentrations in the environment and related exposures from releases of radionuclides from Catawba Nuclear Station. This program satisfies the requirements of Section IV.B.2 of Appendix I to 10CFR50 and provides surveillance of all appropriate critical exposure pathways to man and protects vital interests of the company, public and state and federal agencies concerned with the environment. Reporting levels for activity found in environmental samples are listed in Table 2.2-A. Table 2.2-B lists the REMP analysis and frequency schedule.

The Annual Land Use Census, required by Selected Licensee Commitments, is performed to ensure that changes in the use of areas at or beyond the site boundary are identified and that modifications to the REMP are made if required by changes in land use. This census satisfies the requirements of Section IV.B.3 of Appendix I to 10CFR50. Results are shown in Table 3.10.

Participation in an interlaboratory comparison program as required by Selected Licensee Commitments provides for independent checks on the precision and accuracy of measurements of radioactive material in REMP sample matrices. Such checks are performed as part of the quality assurance program for environmental monitoring in order to demonstrate that the results are valid for the purposes of Section IV.B.2 of Appendix I to 10CFR50. A summary of the results obtained as part of this comparison program are in Section 4 of this annual report.

2.3 STATISTICAL AND CALCULATIONAL METHODOLOGY

2.3.1 ESTIMATION OF THE MEAN VALUE

There was one (1) basic statistical calculation performed on the raw data resulting from the environmental sample analysis program. The calculation involved the determination of the mean value for the indicator and the control samples for each sample medium. The mean is a widely used statistic. This value was used in the reduction of the data generated by the sampling and analysis of the various media in the Radiological Environmental Monitoring Program. “Net activity (or concentration)" is the activity (or concentration) determined to be present in the sample. No "Minimum Detectable Activity", "Lower Limit of Detection", "Less Than Level", or negative activities or concentrations are included in the calculation of the mean. The following equation was used to estimate the mean:

$$\overline{x} = \frac{\sum_{i=1}^{N} x_i}{N}$$

Where:

$\overline{x}$ = estimate of the mean,
i = individual sample,
N = total number of samples with a net activity (or concentration),
χ_i = net activity (or concentration) for sample i.

2.3.2 LOWER LIMIT OF DETECTION AND MINIMUM DETECTABLE ACTIVITY

The Lower Limit of Detection (LLD), and Minimum Detectable Activity (MDA) are used throughout the REMP.

LLD - The LLD, as defined in the Selected Licensee Commitments Manual is the smallest concentration of radioactive material in a sample that will yield a net count, above the system background, that will be detected with 95% probability with only 5% probability of falsely concluding that a blank observation represents a "real" signal. The LLD is an *a priori* (before the fact) lower limit of detection. The actual LLD is dependent upon the standard deviation of the background counting rate, the counting efficiency, the sample size (mass or volume), the radiochemical yield and the radioactive decay of the sample between sample collection and counting. The "required" LLDs for each sample medium and selected radionuclides are given in the Selected Licensee Commitments and are listed in Table 2.2-C.

MDA - The MDA is the net counting rate (sample after subtraction of background) that must be surpassed before a sample is considered to contain a scientifically measurable amount of a radioactive material exceeding background amounts. The MDA is calculated using a sample background and may be thought of as an "actual" LLD for a particular sample measurement. Certain gross counting measurements display a calculated negative value, indicating background is greater than sample activity.

2.3.3 TREND IDENTIFICATION

One of the purposes of an environmental monitoring program is to determine if there is a buildup of radionuclides in the environment due to the operation of the nuclear station. Visual inspection of tabular or graphical presentations of data (including preoperational) is used to determine if a trend exists. A decrease in a particular radionuclide's concentration in an environmental medium does not indicate that reactor operations are removing radioactivity from the environment but that reactor operations are not adding that radionuclide to the environment in quantities exceeding the preoperational level and that the normal removal processes (radioactive decay, deposition, resuspension, etc.) are influencing the concentration.

Substantial increases or decreases in the amount of a particular radionuclide's release from the nuclear plant will greatly affect the resulting environmental levels; therefore, a

knowledge of the release of a radionuclide from the nuclear plant is necessary to completely interpret the trends, or lack of trends, determined from the environmental data. Factors that may affect environmental levels of radionuclides include prevailing weather conditions (periods of drought, solar cycles or heavier than normal precipitation), construction in or around either the nuclear plant or the sampling location, and addition or deletion of other sources of radioactive materials (such as the Chernobyl accident and the Japan earthquake and tsunami, which triggered the Fukushima Dai-ichi Nuclear Power Plant incident). Some of these factors may be obvious while others are sometimes unknown. Therefore, how trends are identified will include some judgment by plant personnel.

Figure 2.1-1
Catawba Nuclear Station Sampling Locations Map (One Mile Radius)

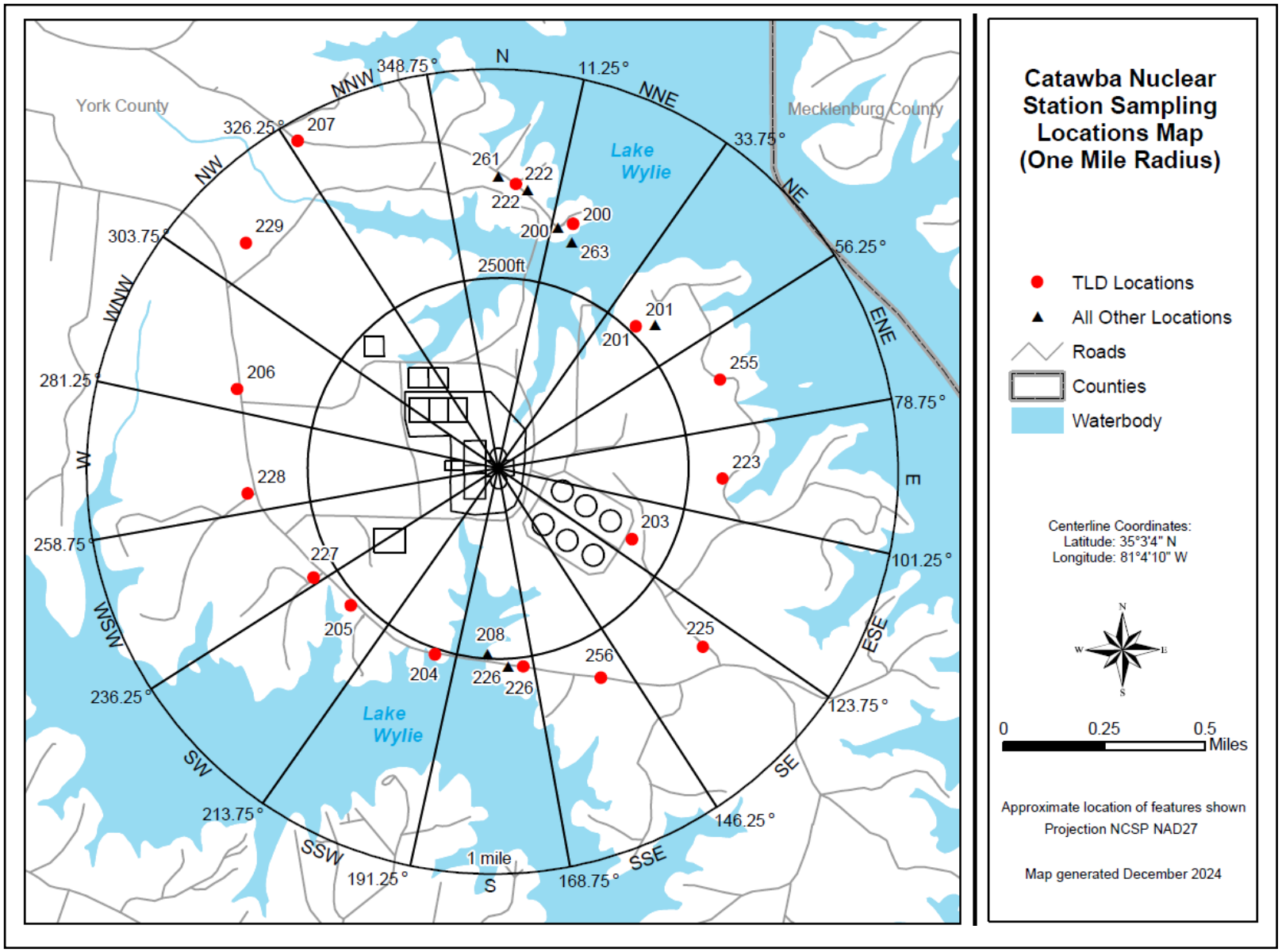


Figure 2.1-2
Catawba Nuclear Station Sampling Locations Map (Ten Mile Radius)

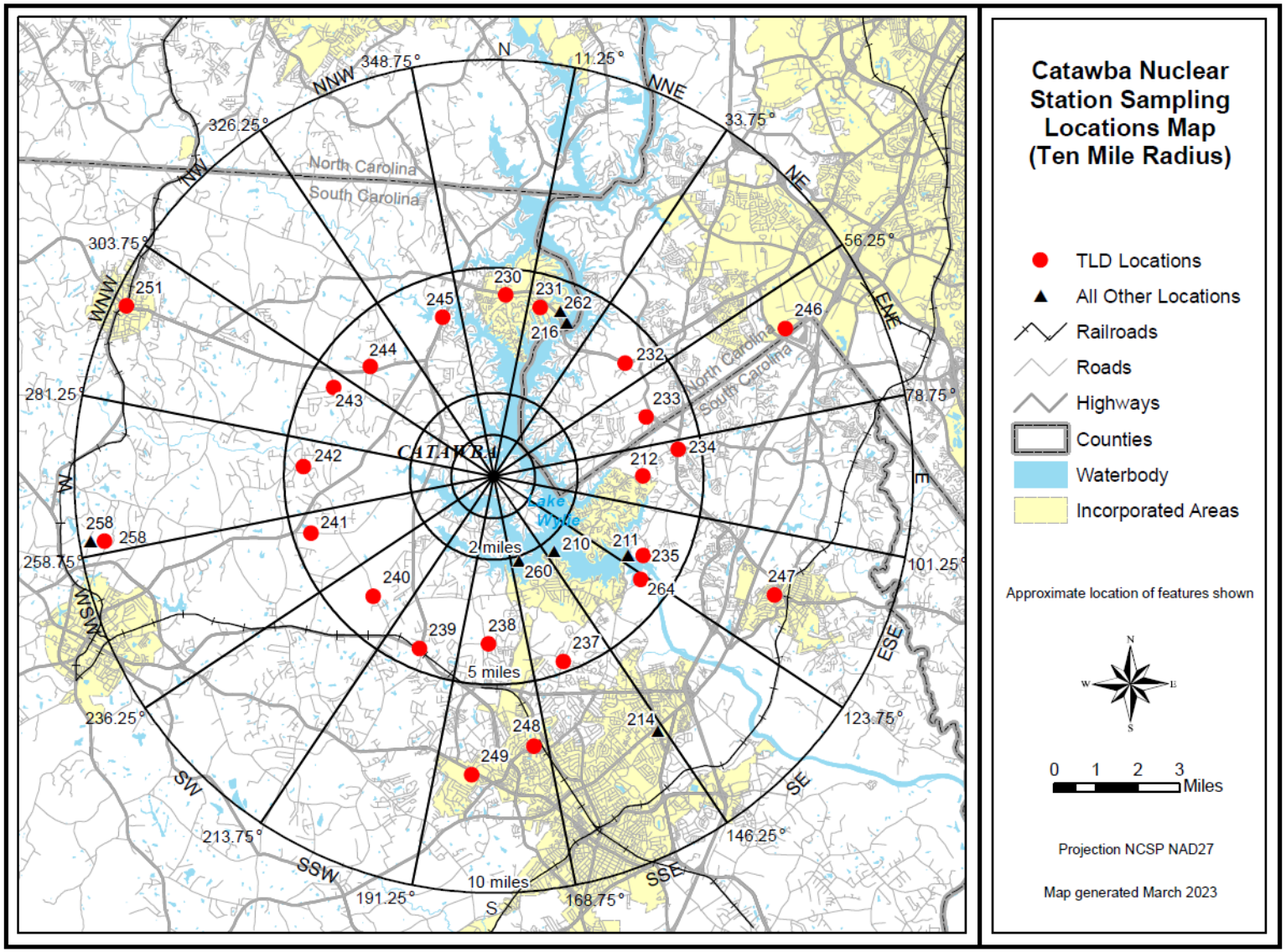


Figure 2.1-3
Catawba Nuclear Station Sampling Locations Map (>Ten Mile Radius)

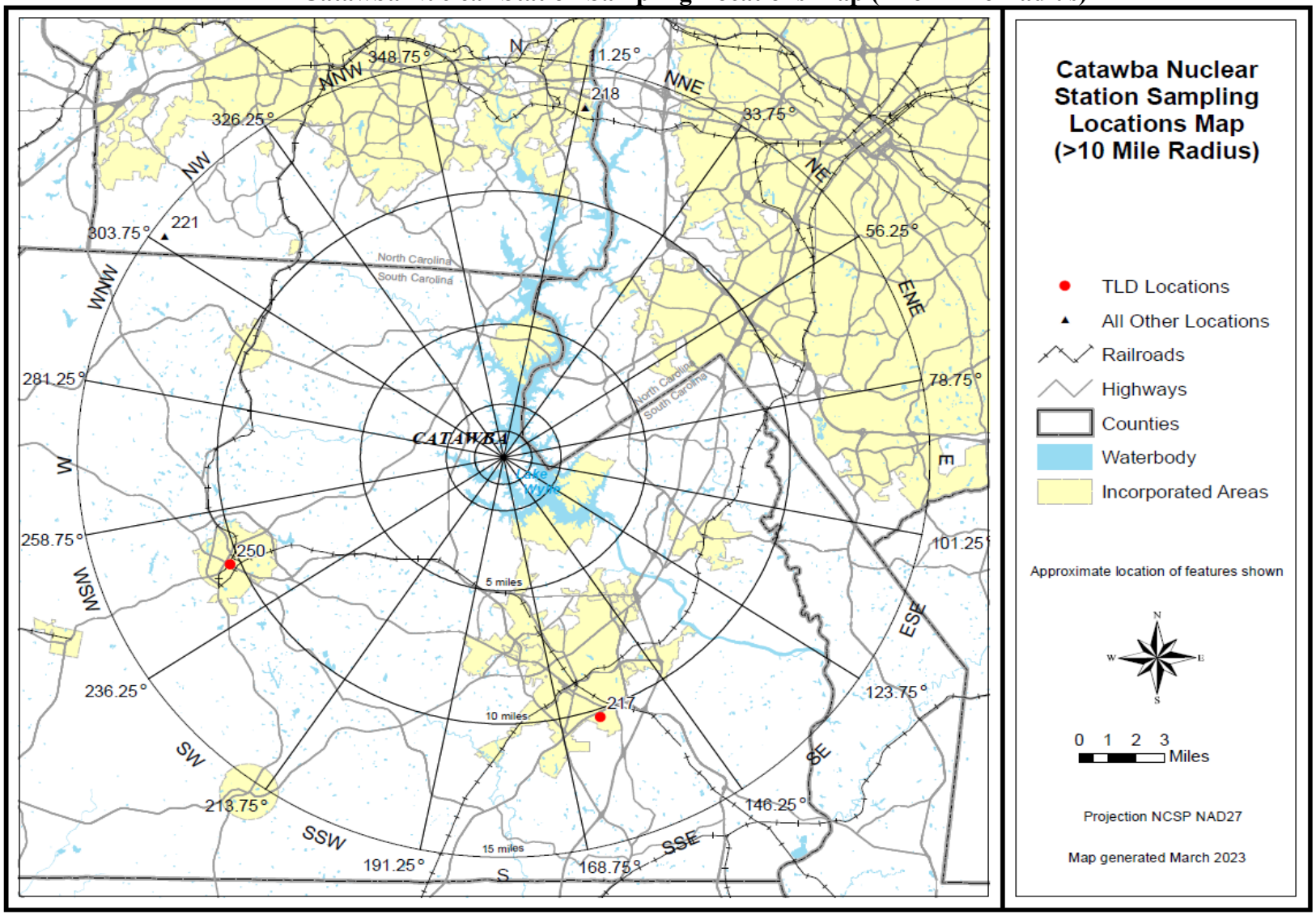


TABLE 2.1-A

CATAWBA RADIOLOGICAL MONITORING PROGRAM
SAMPLING LOCATIONS

Table 2.1-A Codes			
BW	BiWeekly	Q	Quarterly
C	Control	SA	Semiannually
CM	Community	SM	Semimonthly
I	Indicator	W	Weekly
M	Monthly		

Site #	Measure Type	Location Description*	Air Rad. & Part.	Surface Water	Drinking Water	Shoreline Sediment	Food Products (a)	Fish	Milk	Broad Leaf Veg. (b)	Ground Water **
200	I	Site Boundary (0.63 mi NNE)	W							M	
201	I	Site Boundary (0.53 mi NE)	W, CM							M	
208	I	Discharge Canal – Site Boundary (0.45 mi S)	W	M		SA		SA			
210	I	Ebenezer Access (2.31 mi SE)				SA					
211	I	Wylie Dam (4.06 mi ESE)		M							
214	I	Rock Hill Water Supply (7.30 mi SSE)			M						
216	C	Hwy 49 Bridge (4.19 mi NNE)						SA			
218	C	Belmont Water Supply (13.5 mi NNE)			M						
221	C	Dairy (14.5 mi NW)							SM		
222	I	Site Boundary (0.70 mi N)								M	
226	I	Site Boundary (0.48 mi S)								M	
258	C	Fairhope Road (9.84 mi W)	W							M	
260	I	Irrigated Gardens (2.00 mi SSE)					M (a)				
261	I	Firing Range-Site Boundary (0.72 mi N)	W								
262	C	Lake Wylie Marina- Hwy 49 (4.19 mi NNE)				SA					
263	C	Liberty Hill Road (0.59 mi NNE)		M							

(a) During Harvest Season
(b) When Available
* GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.
** Currently no off-site ground water monitoring locations available that are used for drinking or irrigation purposes where hydraulic gradient or recharge properties are suitable for contamination.

TABLE 2.1-B

CATAWBA RADIOLOGICAL MONITORING PROGRAM
SAMPLING LOCATIONS (TLD SITES)

Table 2.1-B Codes			
C	Control	OR	Outer Ring
IR	Inner Ring	SI	Special Interest

Site #	Measure Type	Location*(a)	Distance (miles)	Sector	Site #	Measure Type	Location*(a)	Distance (miles)	Sector
200	IR	SITE BOUNDARY	0.63	NNE	235	OR	LAKE WYLIE DAM	4.07	ESE
201	IR	SITE BOUNDARY	0.53	NE	237	OR	TWIN LAKES ROAD AND HOMESTEAD ROAD	4.75	SSE
203	IR	SITE BOUNDARY	0.38	ESE	238	OR	PENNINGTON ROAD AND WEST OAK ROAD	4.02	S
204	IR	SITE BOUNDARY	0.48	SSW	239	OR	CARTER LUMBER COMPANY	4.49	SSW
205	IR	SITE BOUNDARY	0.50	SW	240	OR	PARAHAM ROAD	4.07	SW
206	IR	SITE BOUNDARY	0.67	WNW	241	OR	CAMPBELL ROAD	4.58	WSW
207	IR	SITE BOUNDARY	0.95	NNW	242	OR	TRANSMISSION TOWER ON PARAHAM ROAD	4.56	W
212	SI	TEGA CAY	3.32	E	243	OR	KINGSBURRY ROAD	4.39	WNW
217	C	BLACKMON ROAD	10.3	SSE	244	OR	BETHEL ELEMENTARY SCHOOL	4.02	NW
222	IR	SITE BOUNDARY	0.71	N	245	OR	CROWDERS CREEK BOAT LANDING	4.01	NNW
223	IR	SITE BOUNDARY	0.57	E	246	SI	CAROWINDS GUARD HOUSE	7.87	ENE
225	IR	SITE BOUNDARY	0.68	SE	247	C	FORT MILL	7.33	ESE
226	IR	SITE BOUNDARY	0.48	S	248	SI	PIEDMONT MEDICAL CENTER	6.54	S
227	IR	SITE BOUNDARY	0.52	WSW	249	SI	YORK COUNTY OPERATIONS CENTER	7.17	S
228	IR	SITE BOUNDARY	0.61	W	250	SI	YORK DUKE POWER OFFICE	10.4	WSW
229	IR	SITE BOUNDARY	0.84	NW	251	C	CLOVER	9.72	WNW
230	OR	RIVER HILLS COMMUNITY CHURCH	4.37	N	255	IR	SITE BOUNDARY	0.61	ENE
231	OR	RIVER HILLS FRONT ENTRANCE	4.21	NNE	256	IR	SITE BOUNDARY	0.58	SSE
232	OR	PLEASANT HILL ROAD	4.18	NE	258	SI	FAIRHOPE ROAD	9.84	W
233	OR	ZOAR ROAD AND THOMAS DRIVE	3.95	ENE	264	OR	INDIA HOOK ROAD	4.32	SE
234	OR	WELLS FARGO BANK	4.50	E					

* GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.

(a) One or more instruments, such as a pressurized ion chamber, for measuring and recording dose rate continuously may be used in place of, or in addition to, integrating dosimeters. For the purposes of this table, a thermoluminescent dosimeter (TLD) is considered to be one phosphor; two or more phosphors in a packet are considered as two or more dosimeters. Film badges shall not be used as dosimeters for measuring direct radiation. (The 40 stations is not an absolute number. The number of direct radiation monitoring stations may be reduced according to geographical limitations; e.g., at an ocean site, some sectors will be over water so that the number of dosimeters may be reduced accordingly. The frequency of analysis or readout for TLD systems will depend upon the characteristics of the specific system used and should be selected to obtain optimum dose information within minimal fading.)

TABLE 2.2-A

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES

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

(a) If no drinking water pathway exists, a value of 30,000 pCi/liter may be used.
(b) H-3 Reporting level not applicable to surface water.

TABLE 2.2-B

REMP ANALYSIS FREQUENCY

Sample Medium	Analysis Schedule	Gamma Isotopic[d]	Tritium	Low Level I-131	Gross Beta	TLD
Air Radioiodine	Weekly	X	---	---	---	---
Air Particulate	Weekly	---	---	---	(c)	---
	Quarterly Composite	X	---	---	---	---
Direct Radiation	Quarterly	---	---	---	---	X
Surface Water	Monthly Composite[e] [f]	X	---	---	---	---
	Quarterly Composite	---	X	---	---	---
Drinking Water	Monthly Composite[e]	X	---	(a)	X	---
	Quarterly Composite	---	X	---	---	---
Ground Water	Quarterly	X	X	---	---	---
Shoreline Sediment	Semiannually	X	---	---	---	---
Milk	Semimonthly	X	---	X	---	---
Fish	Semiannually	X	---	---	---	---
Broadleaf Vegetation	Monthly[b]	X	---	---	---	---
Food Products	Monthly[g]	X	---	---	---	---

(a) Low-level I-131 analysis will be performed if the dose calculated for the consumption of drinking water is > 1 mrem per year. An LLD of 1 pCi/liter will be required for this analysis.

(b) When Available.

(c) Airborne particulate sample filters shall be analyzed for gross beta radioactivity 24 hours or more after sampling to allow for radon and thoron daughter decay. If gross beta activity in air particulate samples is greater than 10 times the yearly mean of control samples, gamma isotopic analysis shall be performed on the individual samples.

(d) Gamma isotopic analysis means the identification and quantification of gamma emitting radionuclides that may be attributable to the effluents from the facility.

(e) A composite sample is one in which the rate at which the liquid sampled is uniform and in which the method of sampling employed results in a specimen that is representative of the time-averages concentration at the location being samples. In this program composite sample aliquots shall be collected at time intervals that are very short (e.g. hourly) relative to the composite period (e.g. monthly) in order to assure obtaining a representative sample.

(f) The “upstream sample” shall be taken at a distance beyond significant influence of the discharge. The “downstream” sample shall be taken in an area beyond but near the mixing zone. “Upstream” samples in an estuary must be taken far enough upstream to be beyond the plant influence. Salt water shall be sampled only when the receiving water is utilized for recreational activities.

(g) If harvest occurs more than once a year, sampling shall be performed during each discrete harvest. If harvest occurs continuously, sampling shall be monthly. Attention shall be paid to including samples of tuberous and root food products.

TABLE 2.2-C

MAXIMUM VALUES FOR THE *A PRIORI* LOWER LIMIT OF DETECTION[c] [d]

Analysis	Water (pCi/liter)	Air Particulates or Gases (pCi/m^3)	Fish (pCi/kg-wet)	Milk (pCi/liter)	Food Products (pCi/kg-wet)	Sediment (pCi/kg-dry)
Gross Beta	4	0.01	---	---	---	---
H-3	2000 [a]	---	---	---	---	---
Mn-54	15	---	130	---	---	---
Fe-59	30	---	260	---	---	---
Co-58, 60	15	---	130	---	---	---
Zn-65	30	---	260	---	---	---
Zr-Nb-95	15	---	---	---	---	---
I-131	1 [b]	0.07	---	1	60	---
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140	15	---	---	15	---	---

(a) If no drinking water pathway exists, a value of 3,000 pCi/liter may be used.
(b) If no drinking water pathway exists, the LLD of gamma isotopic analysis may be used.
(c) Lower Limit of Detection is defined in Section 2.3.2.
(d) This list does not mean that only these nuclides are to be considered. Other peaks that are identifiable, together with those of the above nuclides, shall also be analyzed and reported in the Annual Radiological Environmental Operating Report pursuant to Technical Specification 5.6.2.

3.0 INTERPRETATION OF RESULTS

Review of all 2024 REMP analysis results was performed to identify changes in environmental levels as a result of station operations. The following section depicts and explains the review of these results. Sample data for 2024 was compared to preoperational and historical data. Over the years of operation, analysis and collection changes have taken place that do not allow direct comparisons for some data collected from 1984 (preoperational) through 2024. Summary tables containing 2024 information required by Technical Specification Administrative Control 5.6.2 are located in Appendix B. REMP results for 2024 are located in Appendix E.

Evaluation for significant trends was performed for radionuclides that are listed as required within Selected Licensee Commitments 16.11-13. The radionuclides include: H-3, Mn-54, Fe-59, Co-58, Co-60, Zn-65, Zr-95, Nb-95, I-131, Cs-134, Cs-137, Ba-140 and La-140. Gross beta analysis results were trended for drinking water and air particulate. Other radionuclides detected that are the result of plant operation, but not required for reporting, are trended.

A comparison of annual mean concentrations of effluent-based detected radionuclides to historical results provided trending bases. Frequency of detection and concentrations related to SLC reporting levels (Table 2.2-A) were used as criteria for trending conclusions. All 2024 maximum percentages of reporting levels attributed to CNS operation were well below the 100% action level.

Selected Licensee Commitment section 16.11-13 addresses actions to be taken if radionuclides other than those required are detected in samples collected. The occurrences of these radionuclides are the result of CNS liquid effluents which contained the radionuclides.

During 1984-1986, all net activity results (sample minus background), both positive and negative were included in calculation of sample mean. A change in the EnRad gamma spectroscopy system on September 1, 1987, decreased the number of measurements yielding detectable low-level activity for indicator and control location samples. It was thought that the method used by the previous system was vulnerable to false-positive results.

All 2024 sample analysis results were reviewed to detect and identify any significant trends. Tables and graphs are used throughout this section to display data from effluent-based radionuclides identified since the system change in late 1987. All negative concentration values were replaced with zero for calculation purposes. Any zero concentrations used in tables or graphs represent activity measurements less than detectable levels.

Review of all 2024 data presented in this section supports the conclusion that there were no significant changes in environmental sample radionuclide concentrations of samples collected and analyzed from CNS site and surrounding areas that were attributable to plant operations. Inspection of the data showed that radioactivity concentrations were as expected and all positively identified measurements attributed to plant operations were within CNS Offsite Dose

Calculation Manual (ODCM) and SLC regulatory limits; thus presenting no significant impact to the environment or public health and safety.

Data presented in Sections 3.1 through 3.9 support the conclusion that there was no significant increase in radioactivity in the environment around Catawba Nuclear Station due to station operations in 2024. Similarly, there was no significant increase in ambient background radiation levels in the surrounding areas. The 2024 land use census data, shown in Section 3.10, indicates that no program changes are required as a result of the census.

3.1 AIRBORNE RADIOIODINE AND PARTICULATES

Airborne particulate and radioiodine samples at each of five locations were composited by means of continuous air samplers. Air particulates were collected on a particulate filter and radioiodines were collected in a charcoal cartridge positioned behind the filter in the sampler. The samplers are designed to operate at a constant flow rate (in order to compensate for any filter loading) and are set to sample approximately 2 cubic feet per minute. Filters and cartridges were collected weekly.

In 2024, 260 radioiodine and particulate samples were analyzed, 208 from four indicator locations and 52 at the control location. Particulate samples were analyzed weekly for gross beta. A quarterly gamma analysis was performed on the quarterly filter composite (by location). Radioiodine samples received a weekly gamma analysis.

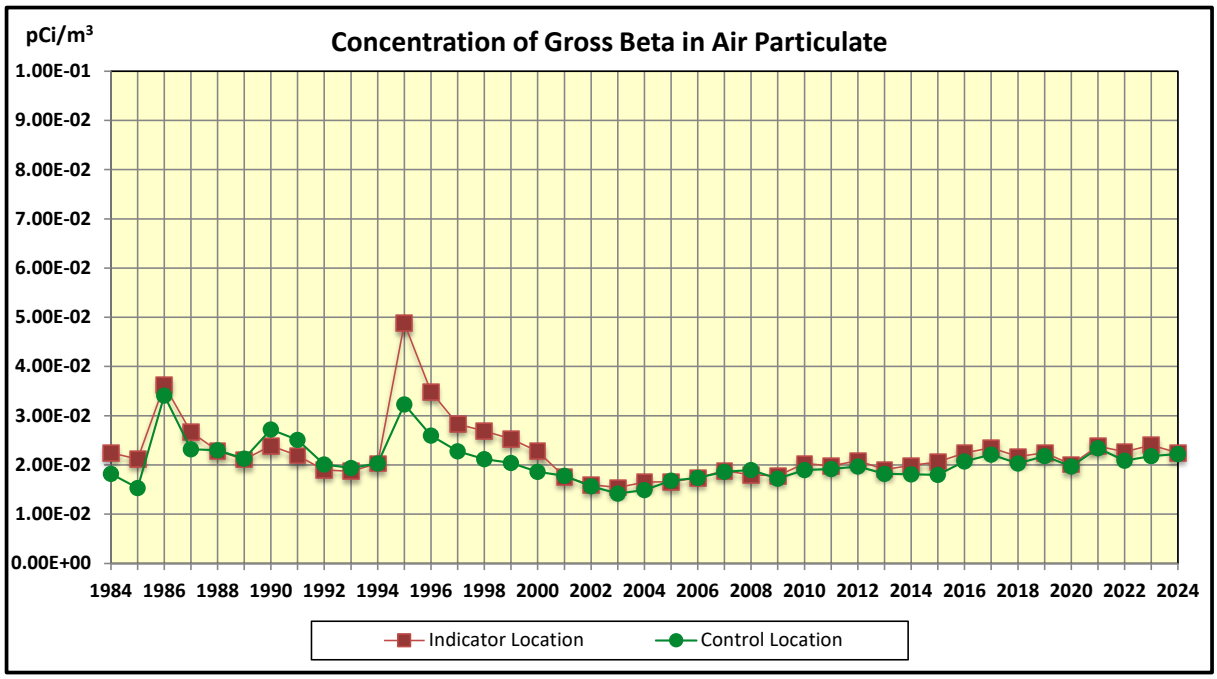
Gross beta analyses indicated 2.25E-2 pCi/m^3 at the location with the highest annual mean and 2.22E-2 pCi/m^3 at the control location. No gross beta activity in air particulate samples was greater than ten times the yearly mean of the control samples. Figure 3.1 shows individual sample gross beta results for the indicator location with highest annual mean and the control location samples during 2024. The two sample locations' results are similar in concentration and have varied negligibly since preoperational periods.

There were no detectable gamma emitters attributable to plant operations identified for particulate filters analyzed during 2024. Table 3.1-A shows the highest indicator annual mean and control location annual mean for gross beta in air particulate.

There was no detectable I-131 in air radioiodine samples analyzed in 2024. Table 3.1-B shows the highest indicator annual mean and control location annual mean for I-131 since 1984 (preoperational period). The table shows similar concentrations for both the indicator and control locations and the activities decreasing from early in the operational history of the plant. No I-131 activity due to CNS plant operations has been detected since 1987.

K-40 and Be-7 that occur naturally were routinely detected in air particulate collected during the year. K-40 was routinely detected in charcoal cartridges.

Figure 3.1



There is no reporting level for gross beta in air particulate

Table 3.1-A Mean Concentration of Gross Beta in Air Particulate

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1984	2.25E-2	1.82E-2
1985	2.12E-2	1.53E-2
1986	3.62E-2	3.41E-2
1987	2.67E-2	2.32E-2
1988	2.29E-2	2.30E-2
1989	2.11E-2	2.13E-2
1990	2.39E-2	2.72E-2
1991	2.19E-2	2.51E-2
1992	1.90E-2	2.01E-2
1993	1.87E-2	1.94E-2
1994	2.03E-2	2.03E-2
1995	4.88E-2	3.23E-2
1996	3.49E-2	2.60E-2
1997	2.83E-2	2.28E-2
1998	2.69E-2	2.12E-2
1999	2.53E-2	2.04E-2
2000	2.28E-2	1.86E-2
2001	1.76E-2	1.78E-2
2002	1.60E-2	1.57E-2
2003	1.54E-2	1.42E-2
2004	1.65E-2	1.49E-2
2005	1.66E-2	1.68E-2
2006	1.74E-2	1.74E-2
2007	1.88E-2	1.86E-2
2008	1.80E-2	1.90E-2
2009	1.78E-2	1.72E-2
2010	2.03E-2	1.90E-2
2011	1.98E-2	1.92E-2
2012	2.09E-2	1.97E-2
2013	1.92E-2	1.82E-2
2014	1.99E-2	1.81E-2
2015	2.06E-2	1.80E-2
2016	2.24E-2	2.07E-2
2017	2.35E-2	2.21E-2
2018	2.17E-2	2.03E-2
2019	2.25E-2	2.18E-2
2020	2.01E-2	1.97E-2
2021	2.38E-2	2.34E-2
2022	2.27E-2	2.09E-2
2023	2.40E-2	2.18E-2
2024	2.25E-2	2.22E-2

Table 3.1-B Mean Concentration of Air Radioiodine (I-131)

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1984	1.30E-3	1.46E-2
1985	4.75E-3	2.38E-2
1986	1.43E-2	1.02E-2
1987	1.38E-2	0.00E0
1988	0.00E0	0.00E0
1989	0.00E0	0.00E0
1990	0.00E0	0.00E0
1991	0.00E0	0.00E0
1992	0.00E0	0.00E0
1993	0.00E0	0.00E0
1994	0.00E0	0.00E0
1995	0.00E0	0.00E0
1996	0.00E0	0.00E0
1997	0.00E0	0.00E0
1998	0.00E0	0.00E0
1999	0.00E0	0.00E0
2000	0.00E0	0.00E0
2001	0.00E0	0.00E0
2002	0.00E0	0.00E0
2003	0.00E0	0.00E0
2004	0.00E0	0.00E0
2005	0.00E0	0.00E0
2006	0.00E0	0.00E0
2007	0.00E0	0.00E0
2008	0.00E0	0.00E0
2009	0.00E0	0.00E0
2010	0.00E0	0.00E0
2011[(1)]	5.53E-2	5.65E-2
2012	0.00E0	0.00E0
2013	0.00E0	0.00E0
2014[(2)]	0.00E0	0.00E0
2015	0.00E0	0.00E0
2016	0.00E0	0.00E0
2017	0.00E0	0.00E0
2018	0.00E0	0.00E0
2019	0.00E0	0.00E0
2020	0.00E0	0.00E0
2021	0.00E0	0.00E0
2022	0.00E0	0.00E0
2023	0.00E0	0.00E0
2024	0.00E0	0.00E0

0.00E0 indicates no detectable measurements

(1) 2011 concentration affected by Fukushima Daiichi

(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

3.2 DRINKING WATER

Gross beta analysis and gamma spectroscopy were performed on 26 drinking water samples. These samples were composited to create 8 quarterly composite period samples for tritium analysis. Monthly composite drinking water samples were collected at each of two locations; one indicator location, along with one control location.

No gamma emitting radionuclides attributable to plant operations were identified in 2024 drinking water samples.

Figure 3.2-1 and Table 3.2 shows highest annual mean gross beta concentrations for the indicator location and control location since preoperation. The indicator location (downstream of the plant effluent release point) average concentration was 3.43 pCi/l in 2024 and the control location had no measurable activity. The gross beta mean indicator activity and mean control activity increased in 2019 due to an analytical method change affecting analytical sensitivities in 2019 (NCR # 02303030).

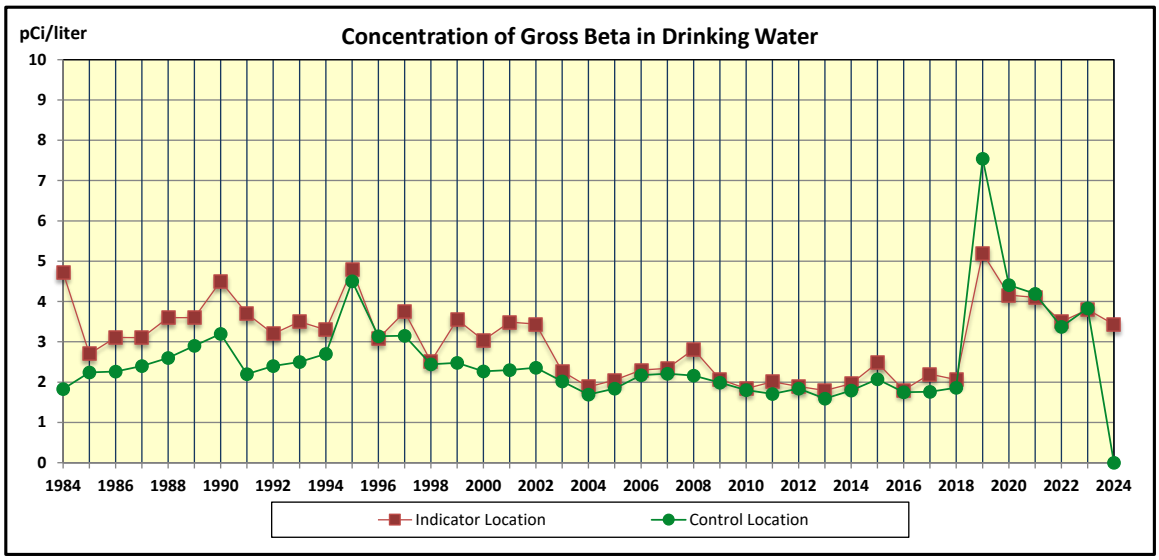
Tritium was detected in all four indicator samples as well as three of four control location samples during 2024. The mean indicator tritium concentration for 2024 was 690 pCi/l, 3.45% of reporting level. The mean control tritium concentration for 2024 was 424 pCi/l, 2.12% of reporting level. Figure 3.2-2 and Table 3.2 display the highest indicator and control location annual mean concentrations for tritium since 1984.

The concentration of tritium in drinking water is affected by releases from the Catawba plant and the McGuire Nuclear Station, located approximately 40 miles upstream of the Catawba plant on the Catawba River.

The dose for consumption of water was less than one mrem per year, historically and for 2024; therefore low-level iodine analysis is not required.

K-40 is a naturally occurring radionuclide observed in drinking water samples in 2024.

Figure 3.2-1



Analytical method change implemented in 2019.

Figure 3.2-2

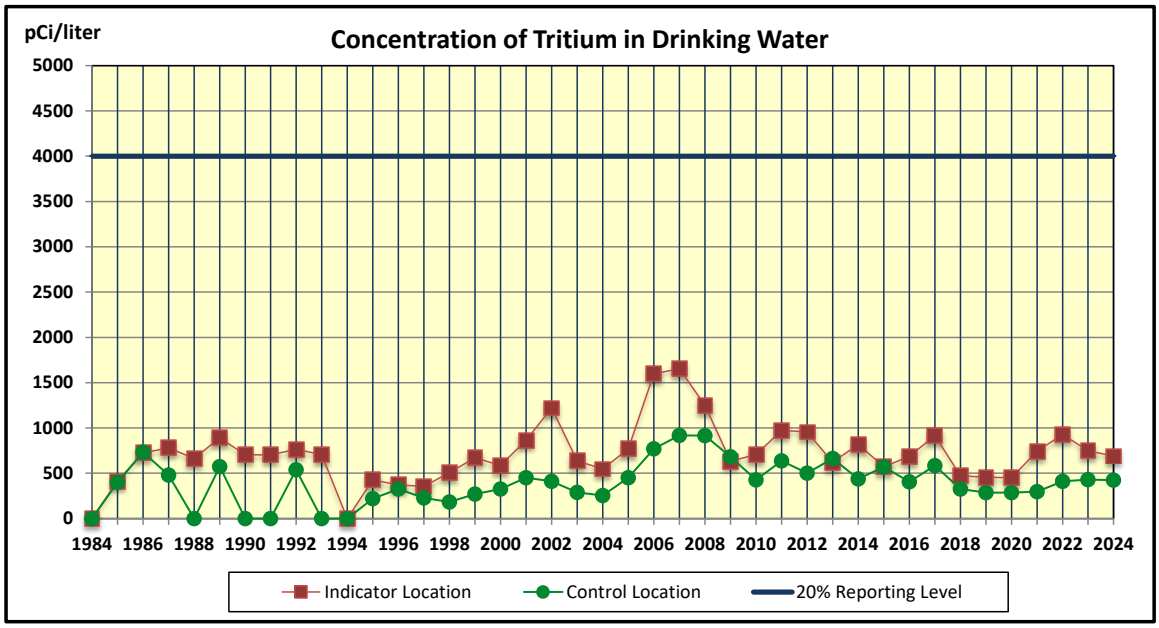


Table 3.2 Mean Concentration of Radionuclides in Drinking Water

YEAR	Gross Beta (pCi/l)		Tritium (pCi/l)	
	Indicator Location	Control Location	Indicator Location	Control Location
1984	4.72	1.83	3.10E-2	3.10E-2
1985	2.70	2.24	4.13E2	4.00E2
1986	3.11	2.26	7.23E2	7.33E2
1987	3.10	2.40	7.80E2	4.80E2
1988	3.60	2.60	6.64E2	0.00E0
1989	3.60	2.90	8.91E2	5.72E2
1990	4.50	3.20	7.03E2	0.00E0
1991	3.70	2.20	7.04E2	0.00E0
1992	3.20	2.40	7.65E2	5.38E2
1993	3.50	2.50	7.06E2	0.00E0
1994	3.30	2.70	0.00E0	0.00E0
1995	4.80	4.50	4.28E2	2.21E2
1996	3.08	3.14	3.71E2	3.27E2
1997	3.74	3.15	3.54E2	2.28E2
1998	2.51	2.44	5.07E2	1.83E2
1999	3.55	2.48	6.71E2	2.70E2
2000	3.04	2.27	5.87E2	3.26E2
2001	3.49	2.30	8.66E2	4.50E2
2002	3.44	2.36	1.22E3	4.11E2
2003	2.27	2.02	6.36E2	2.88E2
2004	1.88	1.69	5.47E2	2.54E2
2005	2.05	1.84	7.69E2	4.50E2
2006	2.30	2.17	1.59E3	7.70E2
2007	2.34	2.21	1.65E3	9.18E2
2008	2.81	2.16	1.25E3	9.16E2
2009	2.07	1.99	6.34E2	6.81E2
2010	1.84	1.80	7.05E2	4.27E2
2011	2.01	1.71	9.73E2	6.36E2
2012	1.89	1.84	9.54E2	5.02E2
2013	1.79	1.59	6.22E2	6.64E2
2014	1.96	1.79	8.21E2	4.37E2
2015	2.48	2.07	5.70E2	5.70E2
2016	1.80	1.75	6.88E2	4.06E2
2017	2.20	1.76	9.16E2	5.83E2
2018	2.06	1.86	4.71E2	3.26E2
2019(1)	5.20	7.54	4.55E2	2.85E2
2020	4.16	4.41	4.52E2	2.87E2
2021	4.10	4.19	7.44E2	2.98E2
2022	3.50	3.37	9.28E2	4.11E2
2023	3.80	3.83	7.49E2	4.29E2
2024	3.43	0.00E0	6.90E2	4.24E2

0.00E0 indicates no detectable measurements
1984 - 1986 mean based on all net activity
(1) Gross beta preparation/analysis methodology change (NCR # 02303030).

3.3 SURFACE WATER

A total of 39 monthly surface water composite samples were analyzed for gamma emitting radionuclides. The samples were additionally composited to create 12 quarterly composite period samples for tritium analysis. Two indicator locations and one control location were sampled. One indicator location (208) is located near the liquid effluent discharge point.

As an enhancement to the REMP, a battery powered composite water sampler connected to a solar panel was tested in tandem (same physical location) with the electrical grid powered composite water samplers at CNS surface water locations 208 (Discharge Canal – Site Boundary 0.45 miles S). The battery/solar powered composite sampler was found to be more reliable with no deviations to the REMP whereas the electrical grid powered composite water sampler had several deviations due to power interruptions. This study was presented to CNS Station Sciences REMP Staff and it was agreed that the electrical grid powered composite sampler would be retired in place as of 6SEP2023. The electrical grid composite sampler remains in place, as well as the submersible pump with the reservoir overflowing so it can be utilized if required (NCR# 02454856).

Tritium was identified in all 8 indicator samples with an average concentration of 5,121 pCi/l. Indicator location 208 (Discharge Canal) showed a range of activities from 6,430 to 13,300 pCi/l which had the highest mean concentration of 9,653 pCi/l. Tritium was detected in all four control samples during 2024 with an average concentration of 363 pCi/l.

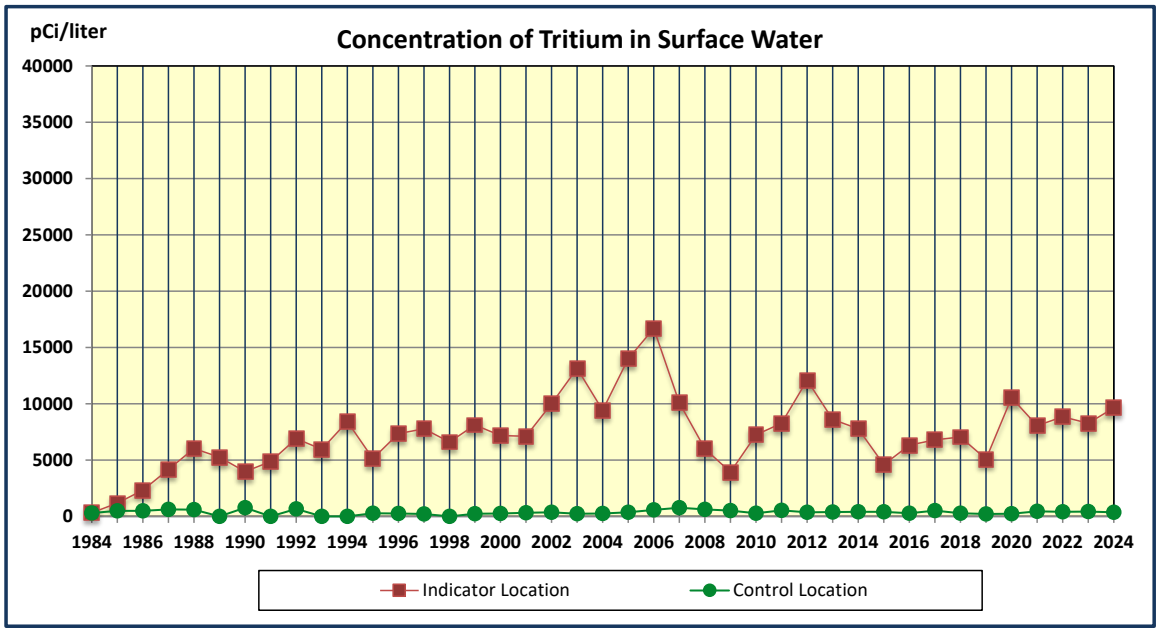
No gamma emitting radionuclides attributable to plant operations were identified in 2024 surface water samples. Table 3.3 summarizes the indicator annual means of radionuclides detected since 1984. Visual inspection of the tabular data did not reveal any increasing trends.

Figure 3.3 displays the highest indicator and control annual means for tritium since 1984.

The concentration of tritium in surface water is affected by releases from the Catawba plant and the McGuire Nuclear Station, located approximately 40 miles upstream of the Catawba plant on the Catawba River.

K-40 is a naturally occurring radionuclide observed in surface water samples in 2024.

Figure 3.3



There is no reporting level for tritium in surface water, however, if no drinking water pathway exists, a value of 30,000 pCi/l may be used. A drinking water pathway exists for Catawba Nuclear Station, so this limit does not apply for surface water. See section 3.2 for drinking water results.

Table 3.3 Mean Concentrations of Radionuclides in Surface Water (pCi/l)

YEAR	Co-58	Co-60	Cs-137	H-3 Indicator	H-3 Control
1984	4.59E-1	5.71E-1	9.08E-1	3.35E2	3.18E2
1985	3.46E0	4.83E-2	8.19E-1	1.19E3	5.05E2
1986	3.10E-1	-4.12E-2	4.85E-1	2.34E3	5.05E2
1987(1)	0.00E0	3.10E0	9.90E0	4.17E3	6.20E2
1988	9.20E0	0.00E0	0.00E0	6.03E3	6.07E2
1989	0.00E0	0.00E0	0.00E0	5.27E3	0.00E0
1990	6.50E0	0.00E0	0.00E0	3.98E3	7.73E2
1991	0.00E0	0.00E0	0.00E0	4.87E3	0.00E0
1992	0.00E0	0.00E0	0.00E0	6.91E3	6.64E2
1993	4.70E0	1.80E0	0.00E0	5.98E3	0.00E0
1994	0.00E0	0.00E0	0.00E0	8.42E3	0.00E0
1995	0.00E0	0.00E0	0.00E0	5.13E3	2.89E2
1996	0.00E0	0.00E0	0.00E0	7.36E3	2.61E2
1997	0.00E0	0.00E0	0.00E0	7.77E3	2.20E2
1998	0.00E0	0.00E0	0.00E0	6.61E3	0.00E0
1999	0.00E0	0.00E0	0.00E0	8.13E3	2.41E2
2000	0.00E0	0.00E0	0.00E0	7.19E3	2.56E2
2001	0.00E0	0.00E0	0.00E0	7.13E3	3.28E2
2002	0.00E0	0.00E0	0.00E0	1.00E4	3.80E2
2003	0.00E0	0.00E0	0.00E0	1.31E4	2.37E2
2004	0.00E0	0.00E0	0.00E0	9.43E3	2.60E2
2005	0.00E0	0.00E0	0.00E0	1.40E4	3.78E2
2006	0.00E0	0.00E0	0.00E0	1.67E4	5.83E2
2007	0.00E0	0.00E0	0.00E0	1.01E4	7.82E2
2008	6.80E0	1.16E1	0.00E0	6.02E3	6.31E2
2009	9.40E0	1.06E1	0.00E0	3.93E3	5.29E2
2010	0.00E0	0.00E0	0.00E0	7.26E3	2.94E2
2011	8.75E0	1.96E1	0.00E0	8.29E3	5.41E2
2012	0.00E0	0.00E0	0.00E0	1.21E4	3.71E2
2013	0.00E0	0.00E0	0.00E0	8.62E3	4.02E2
2014(2) (3)	7.23E0	4.69E0	0.00E0	7.79E3	4.18E2
2015(4)	1.15E1	1.07E0	0.00E0	4.61E3	4.14E2
2016	0.00E0	0.00E0	0.00E0	6.34E3	2.81E2
2017	0.00E0	0.00E0	0.00E0	6.80E3	5.24E2
2018	0.00E0	0.00E0	0.00E0	7.07E3	2.79E2
2019	0.00E0	0.00E0	0.00E0	5.10E3	2.21E2
2020	0.00E0	0.00E0	0.00E0	1.05E4	2.37E2
2021	0.00E0	0.00E0	0.00E0	8.06E3	4.67E2
2022	0.00E0	0.00E0	0.00E0	8.85E3	4.18E2
2023	0.00E0	0.00E0	0.00E0	8.29E3	4.31E2
2024	0.00E0	0.00E0	0.00E0	9.65E3	3.63E2

0.00E0 indicates no detectable measurements
1984 - 1986 mean based on all net activity
(1) 1987 – Gamma spectroscopy system change
(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).
(3) 2014 – During the 3rd quarter, CNS experienced higher levels than normal of mixed fission and activation products in the liquid radioactive waste processing system and higher than normal liquid waste discharges (NCR # 01897053).
(4) 2015 – Co-58 and Co-60 were detected at SW Location 208 (NCR # 01934713).

3.4 MILK

A total of 15 biweekly grab samples of milk were analyzed by gamma spectroscopy and low-level Iodine-131 during 2024. There was one control location sampled. No indicator dairies were identified by the 2024 land use census.

There were no gamma emitting radionuclides attributable to plant operations identified in milk samples in 2024. Cs-137 is the only radionuclide, other than naturally occurring, reported in milk samples since 1996. Cs-137 in milk is not unusual. It is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed periodically in samples from indicator and control locations since the preoperational period. Airborne Cs-137 has not been released from the plant since 1992.

Table 3.4 lists highest indicator location annual mean and control location annual mean for Cs-137 since the preoperational period.

K-40 is a naturally occurring radionuclide observed in milk samples in 2024.

Table 3.4 Mean Concentration of Radionuclides in Milk

YEAR	Cs-137 Indicator (pCi/l)	Cs-137 Control (pCi/l)
1984	2.95E0	2.98E0
1985	2.11E0	2.12E0
1986	3.76E0	4.54E0
1987[1]	5.00E0	5.50E0
1988	3.20E0	3.80E0
1989	0.00E0	0.00E0
1990	8.00E0	6.70E0
1991	0.00E0	0.00E0
1992	3.40E0	5.00E0
1993	5.00E0	0.00E0
1994	2.80E0	0.00E0
1995	8.60E0	0.00E0
1996	6.05E0	0.00E0
1997	0.00E0	0.00E0
1998	0.00E0	0.00E0
1999	0.00E0	0.00E0
2000	0.00E0	0.00E0
2001	0.00E0	0.00E0
2002	0.00E0	0.00E0
2003	0.00E0	0.00E0
2004	No Indicator Location	0.00E0
2005	No Indicator Location	0.00E0
2006	No Indicator Location	0.00E0
2007	No Indicator Location	0.00E0
2008	No Indicator Location	0.00E0
2009	No Indicator Location	0.00E0
2010	No Indicator Location	0.00E0
2011	No Indicator Location	0.00E0
2012	No Indicator Location	0.00E0
2013	No Indicator Location	0.00E0
2014[2]	No Indicator Location	0.00E0
2015	No Indicator Location	0.00E0
2016	No Indicator Location	0.00E0
2017	No Indicator Location	0.00E0
2018	No Indicator Location	0.00E0
2019	No Indicator Location	0.00E0
2020	No Indicator Location	0.00E0
2021	No Indicator Location	0.00E0
2022	No Indicator Location	0.00E0
2023	No Indicator Location	0.00E0
2024	No Indicator Location	0.00E0

0.00E0 indicates no detectable measurements
1984 - 1986 mean based on all net activity
(1) 1987 – Gamma spectroscopy system change
(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.5 BROADLEAF VEGETATION

Gamma spectroscopy was performed on 60 broadleaf vegetation samples collected monthly from five locations during 2024. Four indicator locations and one control location were sampled. There were no gamma emitting radionuclides attributable to CNS plant operation identified in any indicator or control location broadleaf vegetation samples in 2024.

Cs-137 is the only gamma emitting radionuclide, other than naturally occurring, reported in vegetation samples. It is not unusual for Cs-137 to be present in vegetation. It is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed in samples from indicator and control locations since the preoperational period. Table 3.5 lists the highest indicator location annual mean and control location annual mean for Cs-137 since early in the station's operational history. Visual inspection of the tabular data did not reveal any increasing trends.

Figure 3.5 shows indicator and control annual means for Cs-137 in vegetation since 1984. Values shown from 1984 to 2024 show a stable trend for Cs-137 in vegetation. No airborne Cs-137 has been released from the plant since 1992.

K-40 and Be-7 are naturally occurring radionuclides that were observed in broadleaf vegetation samples in 2024.

Figure 3.5

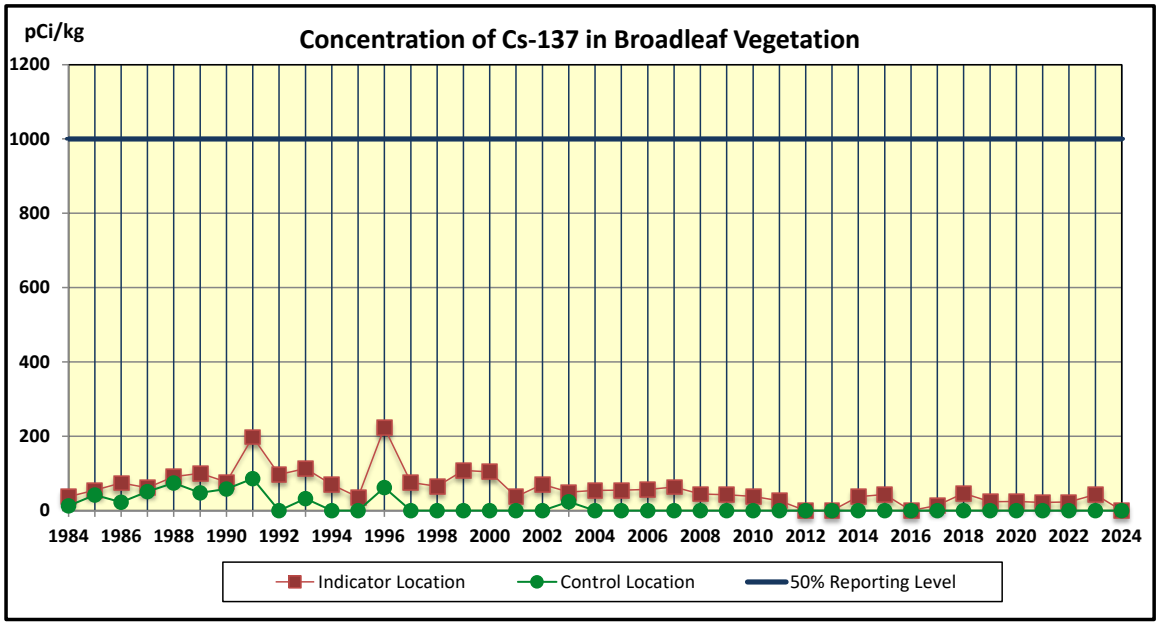


Table 3.5 Mean Concentration of Radionuclides in Broadleaf Vegetation

YEAR	Cs-137 Indicator (pCi/kg)	Cs-137 Control (pCi/kg)
1984	3.76E1	1.30E1
1985	5.48E1	4.16E1
1986	7.42E1	2.22E1
1987(1)	6.10E1	5.10E1
1988	9.10E1	7.40E1
1989	1.00E2	4.80E1
1990	7.70E1	5.80E1
1991	1.98E2	8.60E1
1992	9.70E1	0.00E0
1993	1.13E2	3.20E1
1994	7.00E1	0.00E0
1995	3.60E1	0.00E0
1996	2.23E2	6.22E1
1997	7.57E1	0.00E0
1998	6.53E1	0.00E0
1999	1.08E2	0.00E0
2000	1.04E2	0.00E0
2001	3.76E1	0.00E0
2002	7.02E1	0.00E0
2003	4.96E1	2.40E1
2004	5.45E1	0.00E0
2005	5.48E1	0.00E0
2006	5.79E1	0.00E0
2007	6.31E1	0.00E0
2008	4.44E1	0.00E0
2009	4.25E1	0.00E0
2010	3.77E1	0.00E0
2011	2.62E1	0.00E0
2012	0.00E0	0.00E0
2013	0.00E0	0.00E0
2014(2)	3.72E1	0.00E0
2015	4.29E1	0.00E0
2016	0.00E0	0.00E0
2017	1.43E1	0.00E0
2018	4.67E1	0.00E0
2019	2.35E1	0.00E0
2020	2.46E1	0.00E0
2021	2.18E1	0.00E0
2022	2.34E1	0.00E0
2023	4.32E1	0.00E0
2024	0.00E0	0.00E0

0.00E0 indicates no detectable measurements
1984 - 1986 mean based on all net activity
2011 concentration affected by Fukushima Daiichi
(1) 1987 – Gamma spectroscopy system change
(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.6 FOOD PRODUCTS

Collection of food product samples (crops) from an irrigated garden began in 1989. The irrigated garden is located on Lake Wylie downstream from CNS, Location 260. During the 2024 growing season 9 samples were collected (monthly when available) and analyzed for gamma radionuclides.

There were no gamma emitting radionuclides attributable to plant operations identified in food product samples in 2024. There is no control location for this media type.

K-40 and Be-7 are naturally occurring radionuclides that were observed in food product samples in 2024.

3.7 FISH

Gamma spectroscopy was performed on the edible portions of the twelve fish samples collected semiannually during 2024. One downstream indicator location and one control location were sampled.

No fish indicator or control samples were positive for gamma emitting radionuclides, attributable to plant operations during 2024.

Co-58, Co-60, and Cs-137 are normally the predominant radionuclides identified in fish samples. Overall, radionuclides have not shown a significant trend or accumulation.

K-40 is a naturally occurring radionuclide that was observed in some fish samples collected during 2024.

Table 3.7 Mean Concentrations of Radionuclides in Fish (pCi/kg)

Year	Co-58	Co-60	Cs-134	Cs-137
1984	3.00E0	6.11E-1	-5.32E0	1.83E0
1985	3.40E1	9.11E0	3.22E0	1.28E1
1986	1.86E2	4.01E1	3.51E1	9.29E1
1987(1)	7.57E1	4.81E1	3.83E0	4.27E1
1988	1.40E2	9.70E1	1.67E1	8.24E1
1989	1.33E2	3.83E1	1.47E1	4.37E1
1990	1.75E2	7.77E1	1.32E1	4.66E1
1991	1.46E2	1.29E2	1.03E1	4.60E1
1992	9.02E1	6.20E1	1.27E1	4.61E1
1993	3.58E2	1.21E2	2.73E0	2.56E1
1994	4.75E1	1.81E1	0.00E0	1.75E1
1995	8.90E2	2.66E2	0.00E0	6.77E1
1996	5.95E1	6.68E1	0.00E0	3.02E1
1997	4.93E1	9.88E0	0.00E0	2.74E1
1998	6.44E1	2.86E1	0.00E0	1.58E1
1999	3.12E1	2.71E1	0.00E0	1.87E1
2000	2.13E2	2.69E2	0.00E0	1.52E1
2001	4.66E1	0.00E0	0.00E0	2.08E1
2002	5.23E1	7.00E1	0.00E0	1.73E1
2003	1.43E2	2.61E1	0.00E0	1.19E1
2004	1.81E1	0.00E0	0.00E0	0.00E0
2005	0.00E0	0.00E0	0.00E0	0.00E0
2006	0.00E0	0.00E0	0.00E0	1.44E1
2007	0.00E0	0.00E0	0.00E0	0.00E0
2008	0.00E0	0.00E0	0.00E0	0.00E0
2009	0.00E0	0.00E0	0.00E0	0.00E0
2010	0.00E0	0.00E0	0.00E0	0.00E0
2011	0.00E0	0.00E0	0.00E0	2.16E1
2012	0.00E0	0.00E0	0.00E0	1.84E1
2013	0.00E0	0.00E0	0.00E0	0.00E0
2014(2)	0.00E0	0.00E0	0.00E0	1.10E1
2015	0.00E0	0.00E0	0.00E0	0.00E0
2016	0.00E0	0.00E0	0.00E0	0.00E0
2017	0.00E0	0.00E0	0.00E0	0.00E0
2018	0.00E0	0.00E0	0.00E0	0.00E0
2019	0.00E0	2.72E1	0.00E0	0.00E0
2020	0.00E0	0.00E0	0.00E0	0.00E0
2021	0.00E0	0.00E0	0.00E0	0.00E0
2022	0.00E0	0.00E0	0.00E0	0.00E0
2023	0.00E0	0.00E0	0.00E0	0.00E0
2024	0.00E0	0.00E0	0.00E0	0.00E0

0.00E0 indicates no detectable measurements
1984 - 1986 mean based on all net activity
(1) 1987 – Gamma spectroscopy system change
(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.8 SHORELINE SEDIMENT

During 2024, a total of six shoreline sediment samples were collected semiannually and analyzed, four from two indicator locations and two from the control location. The sample is dried, then sifted to remove any rocks and clams prior to analysis.

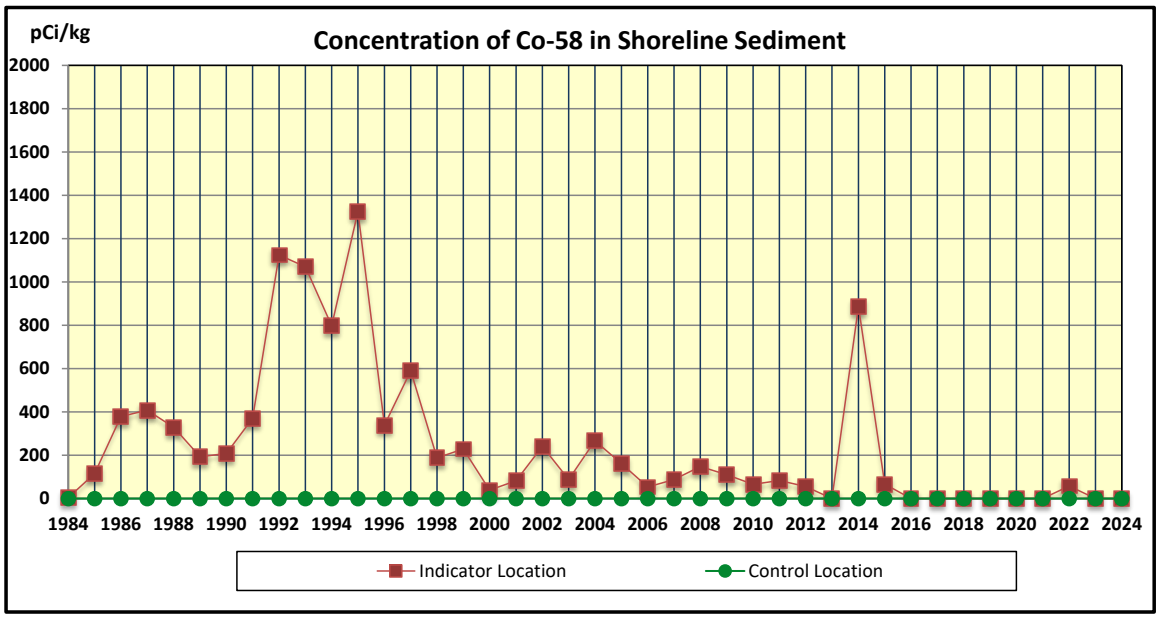
Co-60 was identified at indicator location 208 with an activity level of 181 pCi/kg. Co-58, Co-60, and Cs-137 are normally the predominant radionuclides identified in shoreline sediment samples. There were no gamma emitting radionuclides attributable to plant operations identified in samples from the control location in 2024.

Table 3.8 lists highest indicator location annual mean since 1984. Included in the table are radionuclides that have been identified in shoreline sediment samples since 1988.

Figures 3.8-1, 3.8-2, and 3.8-3 are graphs displaying annual mean concentrations for Co-58, Co-60, and Cs-137.

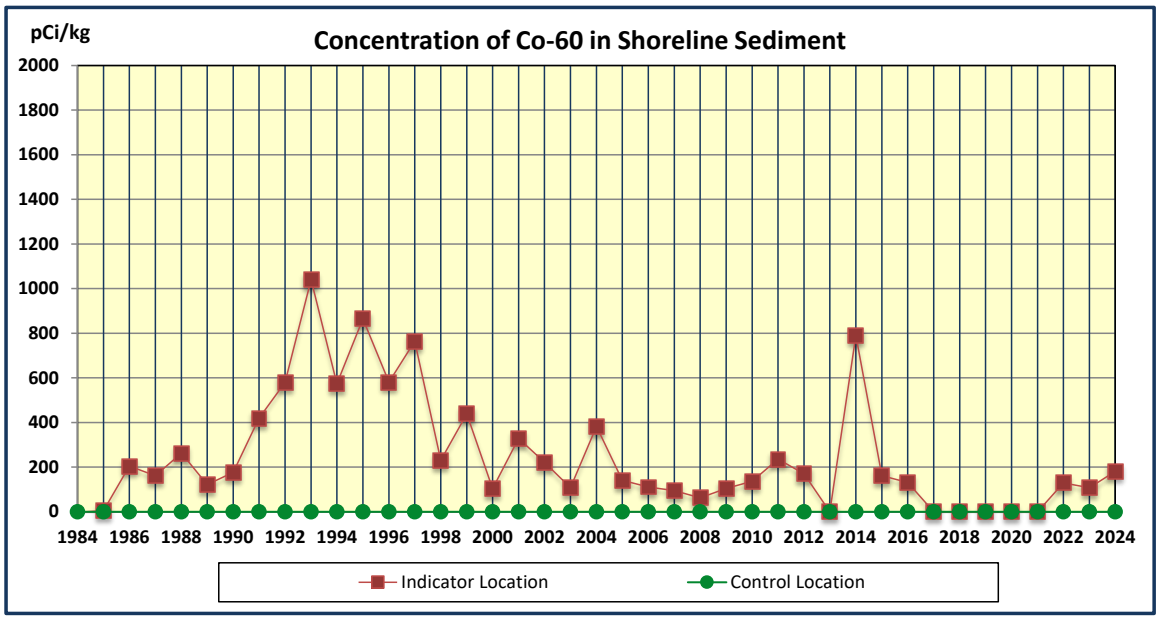
Naturally occurring K-40 was observed in all shoreline sediment samples collected during 2024.

Figure 3.8-1



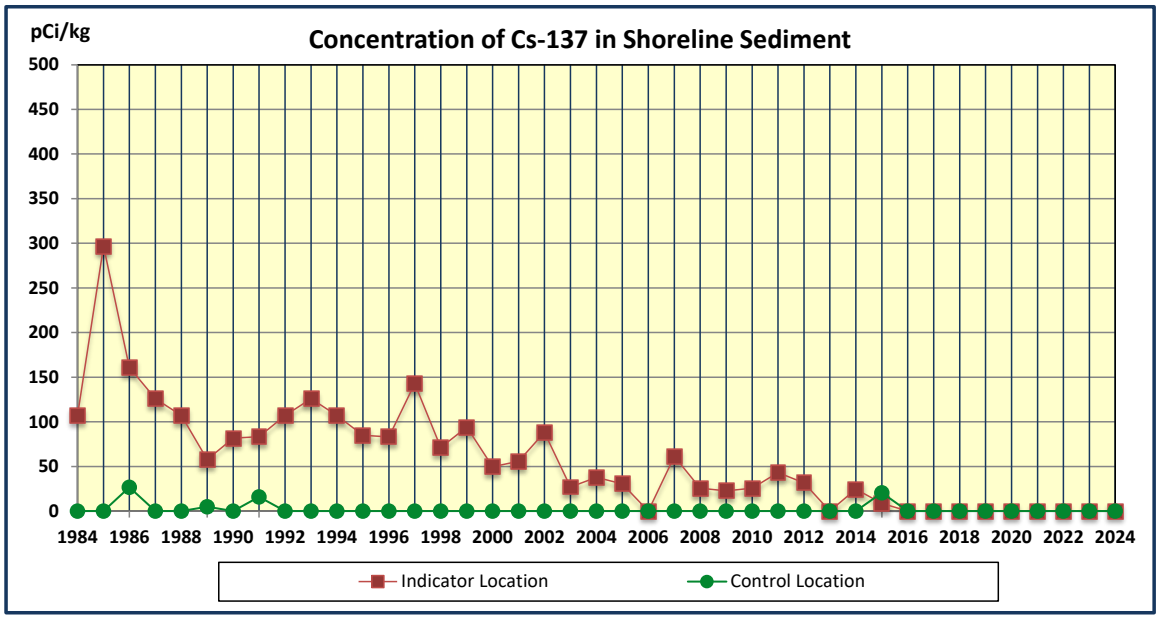
There is no reporting level for Co-58 in Shoreline Sediment

Figure 3.8-2



There is no reporting level for Co-60 in Shoreline Sediment

Figure 3.8-3



There is no reporting level for Cs-137 in Shoreline Sediment

Table 3.8 Mean Concentrations of Radionuclides in Shoreline Sediment (pCi/kg)

Year	Mn-54	Co-58	Co-60	Cs-134	Cs-137	Co-57
1984	1.03E0	4.40E0	-2.34E0	3.19E1	1.07E2	0.00E0
1985	-3.12E0	1.16E2	5.18E0	2.11E2	2.97E2	0.00E0
1986	1.09E2	3.79E2	2.05E2	6.50E1	1.61E2	0.00E0
1987(1)	8.83E1	4.08E2	1.61E2	6.08E1	1.26E2	0.00E0
1988	1.07E2	3.29E2	2.63E2	2.59E1	1.07E2	7.65E-1
1989	4.58E1	1.94E2	1.21E2	1.65E1	5.77E1	0.00E0
1990	5.39E1	2.08E2	1.77E2	1.66E1	8.18E1	0.00E0
1991	8.50E1	3.70E2	4.19E2	1.82E1	8.33E1	1.20E0
1992	1.17E2	1.13E3	5.80E2	1.69E1	1.07E2	3.00E0
1993	1.33E2	1.07E3	1.04E3	2.80E1	1.26E2	2.47E1
1994	4.93E1	7.98E2	5.73E2	5.67E0	1.07E2	4.38E0
1995	1.02E2	1.33E3	8.65E2	0.00E0	8.50E1	3.69E1
1996	8.73E1	3.39E2	5.81E2	0.00E0	8.30E1	0.00E0
1997	6.96E1	5.90E2	7.64E2	0.00E0	1.43E2	0.00E0
1998	3.07E1	1.88E2	2.30E2	0.00E0	7.11E1	0.00E0
1999	7.28E1	2.29E2	4.39E2	0.00E0	9.42E1	0.00E0
2000	0.00E0	3.90E1	1.03E2	0.00E0	4.96E1	0.00E0
2001	3.86E1	8.27E1	3.29E2	0.00E0	5.58E1	0.00E0
2002	3.51E1	2.41E2	2.22E2	0.00E0	8.83E1	0.00E0
2003	2.17E1	8.75E1	1.08E2	0.00E0	2.69E1	0.00E0
2004	6.60E1	2.67E2	3.83E2	0.00E0	3.79E1	0.00E0
2005	0.00E0	1.61E2	1.41E2	0.00E0	3.04E1	0.00E0
2006	0.00E0	5.40E1	1.11E2	0.00E0	0.00E0	0.00E0
2007	0.00E0	8.77E1	9.46E1	0.00E0	6.13E1	0.00E0
2008	0.00E0	1.48E2	6.24E1	0.00E0	2.57E1	0.00E0
2009	0.00E0	1.10E2	1.04E2	0.00E0	2.27E1	0.00E0
2010	0.00E0	6.56E1	1.37E2	0.00E0	2.56E1	0.00E0
2011	0.00E0	8.36E1	2.36E2	3.62E1	4.33E1	1.05E1
2012	0.00E0	5.59E1	1.70E2	0.00E0	3.15E1	0.00E0
2013	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2014(2) (3)	6.84E1	8.87E2	7.90E2	0.00E0	2.46E1	0.00E0
2015	0.00E0	6.73E1	1.61E2	0.00E0	8.75E0	0.00E0
2016	0.00E0	0.00E0	1.31E2	0.00E0	0.00E0	0.00E0
2017	0.00E0	0.00E0	1.31E2	0.00E0	0.00E0	0.00E0
2018	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2019	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2020	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2021	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2022	0.00E0	5.84E1	1.29E2	0.00E0	0.00E0	0.00E0
2023	0.00E0	0.00E0	1.08E2	0.00E0	0.00E0	0.00E0
2024	0.00E0	0.00E0	1.81E2	0.00E0	0.00E0	0.00E0

0.00E0 indicates no detectable measurements
1984 - 1986 mean based on all net activity
(1) 1987 – Gamma spectroscopy system change
(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014 No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).
(3) 2014 – During the 3rd quarter, CNS experienced higher levels than normal of mixed fission and activation products in the liquid radioactive waste processing system and higher than normal liquid waste discharges (NCR # 01897053).

3.9 DIRECT GAMMA RADIATION

3.9.1 ENVIRONMENTAL TLD

Catawba is licensed with an exclusion area boundary defined by UFSAR Section 2.1.1.2 as a 2500 foot radius from station center. This is the same boundary established for determining radioactive effluent release limits. No permanent public access is permitted within the exclusion area. Catawba has forty-one Thermoluminescent dosimeter (TLD) locations which are collected quarterly. Sixteen TLDs, one in each meteorological sector in the general area of the site boundary are designated as "inner ring" and are within a 1 mile radius from station center and all are used as indicators. Sixteen TLD locations, one in each meteorological sector in the 6 to 8 kilometer range, are designated as "outer ring," they are outside the 1 mile "inner ring" but within a 5 mile radius of station center. All outer ring TLD locations are used as indicators. A subset of TLD locations within a 7 to 11 mile radius from station center are designated as "special interest," they are placed in population centers, residential areas, or schools. The three "control" locations are greater than 7 miles from station center. These locations were chosen to reduce the probability of influence from Catawba operation on data. The control locations are not used as background subtraction in the TLD analysis. Their purpose is to provide a comparison to indicator locations.

In 2024, 164 total TLDs were analyzed, 152 at indicator locations and 12 at control locations. TLDs are collected and analyzed quarterly. Transit and laboratory background dose is determined and subtracted from gross field readings as required by ANSI N545-1975. Based on Appendix B TLD data, the data on external radiation exposure for 2024 was essentially unchanged, with an average exposure for all of indicator locations of 17.9 mR per std. quarter. The TLD location with the highest annual mean of 27.6 mR per std. quarter was indicator location 264, India Hook Road, 4.32 mi SE. The three control TLD locations (217 (Blackmon Road 10.3 mi. SSE), 247 (Fort Mill 7.33 mi. ESE), 251 (Clover 9.72 mi. WNW)) had an annual mean of 14.3 mR per std. quarter. Figure 3.9 and Table 3.9 show TLD inner ring, outer ring, and control location annual averages in mR per std. quarter. Data is provided from 1984 when TLD locations were added and arranged in an inner ring and outer ring configuration. Preoperational data is also provided in the table. As shown in the graph, doses measured by environmental TLDs show little or no change since the current TLD system was implemented.

Quarterly, environmental ODCM TLD results are compared by location to its historical data to evaluate any significant changes. The comparison utilizes the location's average exposure history to determine if quarterly results fall within low and high ranges and provides a reliable indication of potential changes occurring at a specific TLD location. The low and high ranges are determined by the historical average ± three standard deviations. The quarterly TLD evaluation implements portions of American National Standard ANSI/HPS N13.37-2014, "Environmental Dosimetry – Criteria for System Design and Implementation, for environmental Thermoluminescent Dosimeters (TLD)." The WP-RP-ALL-0030 – Updated Radiological Environmental Monitoring Program TLD Analytical Method, describes the process implemented in late 2018 for the fleet TLD programs.

TLD values identified as < Low Range or > High Range are evaluated in consideration of factors including possible TLD damage, sampling deviations, glow curve irregularities, and any known environmental location changes which may affect results. Quarterly TLD results are in Appendix E.

In the first quarter of 2024 the TLD from location 226 (0.48 miles S) with a high range result of 23.9 mR per Std. qtr exceeded the location's acceptance range. The investigations did not determine any exposure ratio flags, glow curves with a slight tail were reviewed and found to be acceptable, and the TLD elements were reviewed and revealed no abnormalities. TLD 204, which is located 0.48 miles SSW of the site (<0.25 miles from TLD 226) was found to be within acceptable range (20.1 mrem against a 24.0 mrem high range). As this TLD location is also adjacent to the discharge zone, any possible off-normal conditions as a result of the site's liquid releases would have likely also manifested at this location. Additionally, TLD 256, which is located 0.58 miles SSE of the site (<0.25 miles from TLD 226), was also found to be within acceptable range (23.3 mrem against a 25.8 mrem high range). The TLD results were deemed acceptable.

In the first quarter of 2024 the TLD from location 251 (9.72 miles WNW) with a high range result of 22.3 mR per Std. qtr exceeded the location's acceptance range. The investigations did not determine any exposure ratio flags, glow curves were reviewed and found to be acceptable, and the TLD elements were reviewed and revealed no abnormalities. The technicians that collect the TLDs reported that no notable changes to the area were found at location 251. TLD 243 located in the same sector of the outer ring at 4.39 miles WNW indicates an exposure of 19.5 mrem with a high range of 22.3 mrem. TLD 206 located in the same sector of the inner ring at the WNW site boundary indicates an exposure of 25.5 mrem with a high range of 28.1 mrem. No notable increases in activity due to plant operation are noticed from this comparison. In theory, the inner ring TLD should have been affected if the outer ring TLD in the same sector was affected by the plant conditions. The TLD results were deemed acceptable.

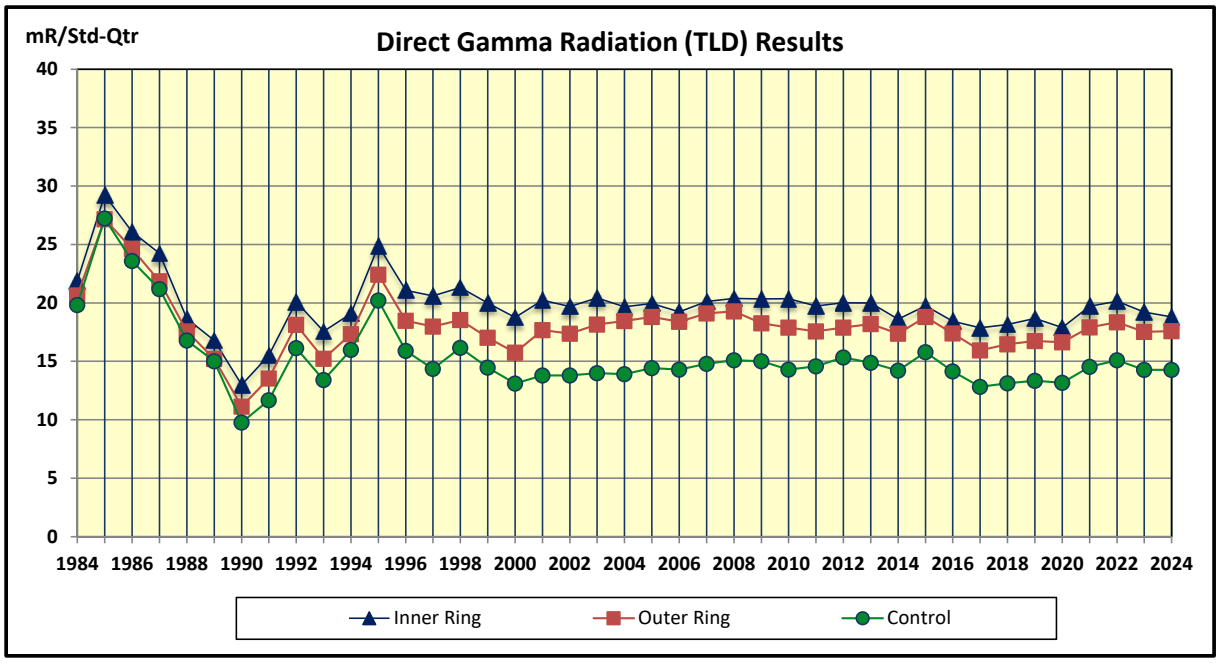
A TLD intercomparison program is conducted as part of the quality assurance program. Results of this program are included in section 4.7.

3.9.2 ISFSI

The Catawba ISFSI began operation in 2007. It is located approximately 0.2 miles north of station center in a secured area specifically constructed to provide dry storage for spent nuclear fuel. The ISFSI employs the NAC-UMS® and MAGNASTOR® vertical storage designs. Irradiated fuel assemblies are confined, protected, and shielded by a reinforced concrete module. Both systems are completely passive and designed to provide radiation shielding and safe confinement for a range of accident conditions and natural events. Both systems use a passive natural circulation ventilation system to remove decay heat from the modules. No radiological liquid or gaseous effluents are expected from the passive storage provided by the ISFSI. Therefore, any dose to offsite locations would be from direct and scattered gamma radiation.

Environmental TLD results described in 3.9.1 above are reviewed quarterly to identify trends and demonstrate compliance with dose and dose rate limits at the 2500 foot exclusion area boundary. Additional TLD locations not associated with REMP are presently located on the Catawba protected area fence near the ISFSI and on the ISFSI boundary. These are used to demonstrate compliance with occupational exposure controls and augment REMP TLD results. Doses measured by environmental TLDs show little or no change since the ISFSI began operation.

Figure 3.9



There is no reporting level for Direct Radiation (TLD)

Table 3.9 Direct Gamma Radiation (TLD) Results

Year	Inner Ring Average (mR per std. quarter)	Outer Ring Average (mR per std. quarter)	Control Average (mR per std. quarter)
1984*	2.19E+01	2.07E+01	1.98E+01
1985	2.92E+01	2.72E+01	2.72E+01
1986	2.61E+01	2.46E+01	2.36E+01
1987	2.43E+01	2.19E+01	2.12E+01
1988	1.87E+01	1.76E+01	1.68E+01
1989	1.68E+01	1.52E+01	1.50E+01
1990	1.30E+01	1.11E+01	9.78E+00
1991	1.55E+01	1.35E+01	1.17E+01
1992	2.01E+01	1.81E+01	1.61E+01
1993	1.76E+01	1.52E+01	1.34E+01
1994	1.91E+01	1.73E+01	1.60E+01
1995	2.49E+01	2.24E+01	2.02E+01
1996	2.11E+01	1.85E+01	1.59E+01
1997	2.06E+01	1.80E+01	1.44E+01
1998	2.13E+01	1.86E+01	1.62E+01
1999	2.00E+01	1.70E+01	1.45E+01
2000	1.88E+01	1.57E+01	1.31E+01
2001	2.02E+01	1.77E+01	1.38E+01
2002	1.97E+01	1.74E+01	1.38E+01
2003	2.04E+01	1.82E+01	1.40E+01
2004	1.97E+01	1.85E+01	1.39E+01
2005	2.00E+01	1.88E+01	1.44E+01
2006	1.92E+01	1.84E+01	1.43E+01
2007	2.01E+01	1.91E+01	1.48E+01
2008	2.04E+01	1.93E+01	1.51E+01
2009	2.04E+01	1.83E+01	1.50E+01
2010	2.04E+01	1.79E+01	1.43E+01
2011	1.97E+01	1.76E+01	1.46E+01
2012	2.00E+01	1.79E+01	1.53E+01
2013	2.00E+01	1.82E+01	1.49E+01
2014	1.86E+01	1.74E+01	1.42E+01
2015	1.98E+01	1.88E+01	1.58E+01
2016	1.84E+01	1.74E+01	1.41E+01
2017	1.79E+01	1.60E+01	1.28E+01
2018	1.82E+01	1.65E+01	1.31E+01
2019	1.87E+01	1.68E+01	1.34E+01
2020	1.79E+01	1.66E+01	1.32E+01
2021	1.97E+01	1.79E+01	1.45E+01
2022	2.02E+01	1.83E+01	1.51E+01
2023	1.92E+01	1.75E+01	1.43E+01
2024	1.88E+01	1.76E+01	1.43E+01

* Preoperational Data

3.10 LAND USE CENSUS

The 2024 Annual Land Use Census was conducted June 3-5, 2024 as required by SLC 16.11-14. The Land Use Census was conducted to identify within a distance of 8 kilometers (5.0 miles) from the station, the nearest location from the site boundary in each of the sixteen meteorological sectors, which includes: the nearest residence, the nearest garden greater than 50 square meters (500 square feet), the nearest milk-giving animal (cow, goat, etc.).

Table 3.10 summarizes the comparison between the 2023 and 2024 census results. A map indicating identified locations is shown in Figure 3.10.

During the 2023 census a goat milk location was identified in the SE Sector at 4.89 miles, however, the owners did not wish to participate in the CNS REMP. In 2024, it was noted that the owner no longer has milk animals. The nearest residence is located in the NE sector at 0.56 miles. No environmental program changes were required as a result of the 2024 land use census.

Table 3.10 Catawba 2024 Land Use Census Results

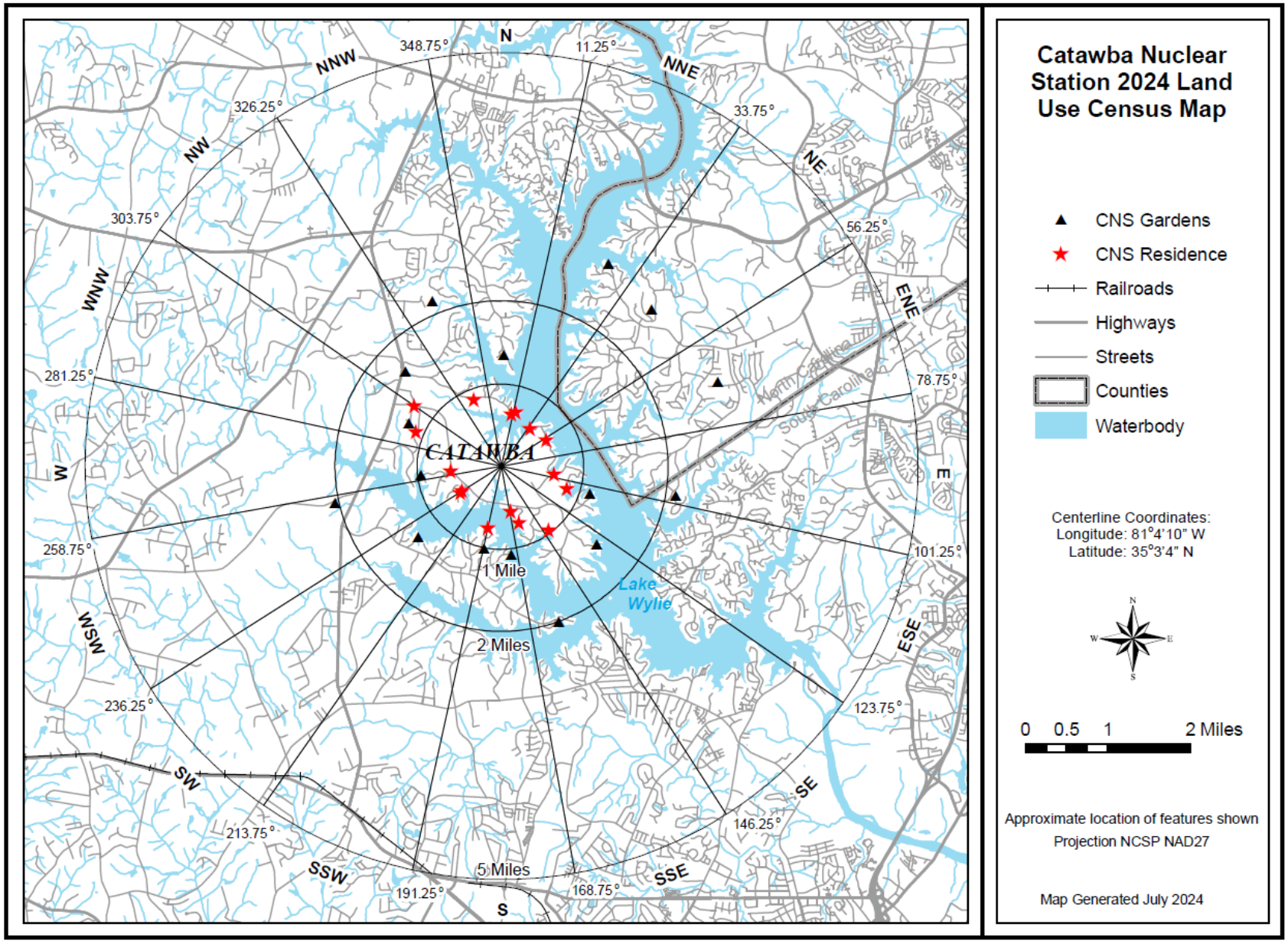
Performed 6/3/2024 - 6/5/2024
Nearest Pathways (Miles)

SECTOR	RESIDENCE		GARDEN		MILK ANIMAL	
	2023	2024	2023	2024	2023	2024
North	0.63	0.63	1.33	1.33	---	---
North-Northeast	0.66	0.66	2.75	2.75	---	---
Northeast	0.56	0.56	2.61	2.61	---	---
East-Northeast	0.61	0.61	2.80	2.80	---	---
East	0.65	0.65	2.14	2.14	---	---
East-Southeast	0.84	0.84	1.12	1.12	---	---
Southeast	0.97	0.97	1.50	1.50	4.89(1)	---*
South-Southeast	0.73	0.73	2.02	2.02	---	---
South	0.63	0.63	1.10	1.10	---	---
South-Southwest	0.78	0.78	1.03	1.03	---	---
Southwest	0.60	0.60	1.34	1.34	---	---
West-Southwest	0.57	0.57	2.21	2.07*	---	---
West	0.62	0.62	0.96	0.96	---	---
West-Northwest	1.10	1.10	1.23	1.23	---	---
Northwest	1.27	1.27	1.72	1.62*	---	---
North-Northwest	0.86	0.86	1.04	2.15*	---	---

NOTE: Sector and distances were determined by Global Positioning System

*** Represents a change from the previous year**
--- Indicates no occurrence within 5 mile radius
(1) Indicates owners were not willing to participate in the REMP at time of LUC.

Figure 3.10


Catawba Nuclear Station 2024 Land Use Census Map
CNS Gardens
CNS Residence
Railroads
Highways
Streets
Counties
Waterbody
Centerline Coordinates:
Longitude: 81°4'10" W
Latitude: 35°3'4" N
0 0.5 1 2 Miles
Approximate location of features shown
Projection NCSP NAD27
Map Generated July 2024
CATAWBA
1 Mile
2 Miles
5 Miles
Lake Wylie
North Carolina
South Carolina
N
NNE
NE
ENE
E
ESE
SE
SSE
S
SSW
SW
WSW
W
WNW
NW
NNW
348.75°
11.25°
33.75°
56.25°
78.75°
101.25°
123.75°
146.25°
168.75°
191.25°
213.75°
236.25°
258.75°
281.25°
303.75°
326.25°

4.0 QUALITY ASSURANCE

4.1 SAMPLE COLLECTION

EnRad Laboratories and the Environmental Services Group performed the environmental sample collections as specified by approved sample collection procedures.

4.2 SAMPLE ANALYSIS

EnRad Laboratories performed the environmental sample analyses as specified by approved analysis procedures. EnRad Laboratories is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.3 DOSIMETRY ANALYSIS

The Dosimetry and Records group performed the environmental dosimetry measurements as specified by approved dosimetry analysis procedures. The Dosimetry and Records Laboratory is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.4 LABORATORY EQUIPMENT QUALITY ASSURANCE

4.4.1 DAILY QUALITY CONTROL

EnRad Laboratories has an internal quality assurance program which monitors each type of instrumentation for reliability and accuracy. Daily quality control checks ensure that instruments are in proper working order and these checks are used to monitor instrument performance.

4.4.2 CALIBRATION VERIFICATION

National Institute of Standards and Technology (NIST) standards that represent counting geometries are analyzed as unknowns at various frequencies ranging from weekly to annually to verify that efficiency calibrations are valid. The frequency is dependent upon instrument use and performance. Investigations are performed and documented should calibration verification data fall outside of the acceptable limits.

4.4.3 BATCH PROCESSING

Method quality control samples are analyzed with sample analyses that are processed in batches. These include gross beta in water, low-level Iodine-131 in milk, and tritium analyses in drinking water, surface water, and ground water samples.

4.5 DUKE ENERGY INTERLABORATORY COMPARISON PROGRAM

In 2024 Duke Energy Environmental Laboratory (EnRad) participated in interlaboratory programs to satisfy Radiological Environmental Monitoring Program requirements in Duke Energy nuclear plant Offsite Dose Calculation Manuals and Selected Licensee Commitments Manuals, as applicable.

EnRad Laboratory participated in an interlaboratory program with Eckert & Ziegler Analytics (EZA) in 2024. EZA results were evaluated against the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. All regulatory requirements continue to be met by the EZA Cross Check Program.

4.5.1 ECKERT & ZIEGLER ANALYTICS CROSS CHECK PROGRAM

EZA mixed gamma in liquid, mixed gamma in vegetation, mixed gamma in soil, low-level I-131 in liquid, mixed gamma air filter composites, I-131 air cartridges, gross beta in water, gross beta in filters, and tritium in water were analyzed at various times of the year at EnRad Laboratories. A summary of the applicable REMP EnRad Laboratory program results for 2024 is documented in Table 4.0-A.

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria.

4.6 INTERCOMPARISON PROGRAM

Catawba Nuclear Station routinely participates in an environmental sample intercomparison program. Program elements include sampling frequency and analysis parameters for drinking water, surface water, milk, fish, broadleaf vegetation, crops, and shoreline sediment samples that have been collected. Samples are routinely split with a vendor laboratory for intercomparison analysis.

4.7 TLD INTERCOMPARISON PROGRAM

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimeters quarterly using the NIST-traceable Hopewell and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria. A summary of the 2024 Internal Cross Check (Duke Energy) Program is documented in Table 4.0-B.

TABLE 4.0-A

ECKERT & ZIEGLER ANALYTICS

CROSS CHECK PROGRAM

2024 Cross Check Results for EnRad Laboratories

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Results are reported directly to Eckert & Ziegler Analytics. Environmental cross check samples were analyzed in replicate, and the result closest to the mean is reported to Eckert & Ziegler Analytics. The acceptance criteria for the program were based on the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria based.

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Beta Filter in Planchet	E13975	Cs-137	2	pCi	222	232	0.96	Agreement
I-131 in Charcoal Cartridge	E13973	I-131	2	pCi	88.0	91.5	0.96	Agreement
Gamma in Soil	E13974	Ce-141	2	pCi/g	0.0818	0.0632	1.29	Agreement
		Co-60	2	pCi/g	0.599	0.659	0.91	Agreement
		Cr-51	2	pCi/g	0.407	0.491	0.83	Agreement
		Cs-134	2	pCi/g	0.376	0.408	0.92	Agreement
		Cs-137	2	pCi/g	0.403	0.451	0.89	Agreement
		Fe-59	2	pCi/g	0.269	0.293	0.92	Agreement
		Mn-54	2	pCi/g	0.322	0.344	0.94	Agreement
		Zn-65	2	pCi/g	0.159	0.167	0.95	Agreement
Gamma in Simulated Vegetation	E13981	Ce-141	3	pCi/g	0.236	0.226	1.05	Agreement
		Co-58	3	pCi/g	0.283	0.272	1.04	Agreement
		Co-60	3	pCi/g	0.446	0.429	1.04	Agreement
		Cr-51	3	pCi/g	0.486	0.499	0.97	Agreement
		Cs-134	3	pCi/g	0.312	0.341	0.92	Agreement
		Cs-137	3	pCi/g	0.238	0.232	1.03	Agreement
		Fe-59	3	pCi/g	0.214	0.207	1.04	Agreement
		Mn-54	3	pCi/g	0.298	0.294	1.01	Agreement
		Zn-65	3	pCi/g	0.524	0.501	1.05	Agreement

TABLE 4.0-A (Cont.)

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Gamma in Composite Filter	E13979	Ce-141	3	pCi	90.7	86.1	1.05	Agreement
		Co-58	3	pCi	107	104	1.03	Agreement
		Co-60	3	pCi	169	164	1.03	Agreement
		Cr-51	3	pCi	200	191	1.05	Agreement
		Cs-134	3	pCi	124	130	0.95	Agreement
		Cs-137	3	pCi	94.7	88.6	1.07	Agreement
		Fe-59	3	pCi	81.0	78.9	1.03	Agreement
		Mn-54	3	pCi	118	112	1.05	Agreement
		Zn-65	3	pCi	209	191	1.09	Agreement
Gamma in Water	E13980	Ce-141	3	pCi/L	147	129	1.14	Agreement
		Co-58	3	pCi/L	162	156	1.04	Agreement
		Co-60	3	pCi/L	258	246	1.05	Agreement
		Cr-51	3	pCi/L	291	287	1.02	Agreement
		Cs-134	3	pCi/L	189	195	0.97	Agreement
		Cs-137	3	pCi/L	142	133	1.07	Agreement
		Fe-59	3	pCi/L	133	119	1.12	Agreement
		Mn-54	3	pCi/L	183	169	1.08	Agreement
		Zn-65	3	pCi/L	318	288	1.11	Agreement
Milk LLI-131	E13976	I-131	2	pCi/L	93.2	90.0	1.04	Agreement
Gross Beta in Water	E13978	Cs-137	2	pCi/L	272	292	0.93	Agreement
Tritium in Water	E13982	H-3	3	pCi/L	1.42E+04	1.45E+04	0.98	Agreement

TABLE 4.0-B

2024 ENVIRONMENTAL DOSIMETER

CROSS CHECK RESULTS

Internal Crosscheck (Duke Energy

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimetry quarterly and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria.

1st Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100181	55.60	55.58	0.04	<+/-20%	Pass
100846	53.18	55.58	-4.32	<+/-20%	Pass
102937	59.62	55.58	7.27	<+/-20%	Pass
100847	53.86	55.58	-3.09	<+/-20%	Pass
101382	54.43	55.58	-2.07	<+/-20%	Pass
100945	54.12	55.58	-2.63	<+/-20%	Pass
101232	55.07	55.58	-0.92	<+/-20%	Pass
100148	53.84	55.58	-3.13	<+/-20%	Pass
100734	53.03	55.58	-4.59	<+/-20%	Pass
101019	54.70	55.58	-1.58	<+/-20%	Pass
		Average Bias (B)	-1.50		
		Standard Deviation (S)	3.40		
		Measure Performance |B|+S	4.90	<20%	Pass

2nd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100755	17.91	18.47	-3.03	<+/-20%	Pass
100757	18.62	18.47	0.81	<+/-20%	Pass
100760	18.07	18.47	-2.17	<+/-20%	Pass
100740	18.43	18.47	-0.22	<+/-20%	Pass
100762	18.16	18.47	-1.68	<+/-20%	Pass
100867	18.44	18.47	-0.16	<+/-20%	Pass
100775	18.72	18.47	1.35	<+/-20%	Pass
100768	18.42	18.47	-0.27	<+/-20%	Pass
100763	18.55	18.47	0.43	<+/-20%	Pass
100759	18.25	18.47	-1.19	<+/-20%	Pass
		Average Bias (B)	-0.61		
		Standard Deviation (S)	1.38		
		Measure Performance |B|+S	1.99	<20%	Pass

3rd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
103630	63.62	55.11	15.44	<+/-20%	Pass
100358	56.86	55.11	3.18	<+/-20%	Pass
103024	63.29	55.11	14.84	<+/-20%	Pass
104549	56.55	55.11	2.61	<+/-20%	Pass
103354	61.48	55.11	11.56	<+/-20%	Pass
102759	62.68	55.11	13.74	<+/-20%	Pass
103631	61.82	55.11	12.18	<+/-20%	Pass
102211	59.92	55.11	8.73	<+/-20%	Pass
103762	61.29	55.11	11.21	<+/-20%	Pass
103381	60.48	55.11	9.74	<+/-20%	Pass
		Average Bias (B)	10.32		
		Standard Deviation (S)	4.44		
		Measure Performance |B|+S	14.76	<20%	Pass

4th Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
104277	39.21	40.13	-2.29	<+/-20%	Pass
103273	43.04	40.13	7.25	<+/-20%	Pass
104821	39.65	40.13	-1.20	<+/-20%	Pass
103069	43.14	40.13	7.50	<+/-20%	Pass
103440	41.48	40.13	3.36	<+/-20%	Pass
103504	43.11	40.13	7.43	<+/-20%	Pass
102427	42.39	40.13	5.63	<+/-20%	Pass
103063	42.69	40.13	6.38	<+/-20%	Pass
102962	41.68	40.13	3.86	<+/-20%	Pass
104115	38.22	40.13	-4.76	<+/-20%	Pass
		Average Bias (B)	3.32		
		Standard Deviation (S)	4.50		
		Measure Performance |B|+S	7.81	<20%	Pass

APPENDIX A

ENVIRONMENTAL SAMPLING
&
ANALYSIS PROCEDURES

2024

APPENDIX A

ENVIRONMENTAL SAMPLING AND ANALYSIS PROCEDURES

Adherence to established procedures for sampling and analysis of all environmental media at Catawba Nuclear Station was required to ensure compliance with Station Selected Licensee Commitments. Analytical procedures were employed to ensure that Selected Licensee Commitments detection capabilities were achieved.

Environmental sampling was performed by EnRad Laboratories and Environmental Services. Environmental sample analysis was performed by EnRad Laboratories and Dosimetry and Records.

This appendix provides a description of the specific analyses performed on samples collected in the field. Changes to the sampling procedures and analyses procedures are also discussed in the section.

I. CHANGE OF SAMPLING PROCEDURES

Procedure 722, Water Sampling at Catawba Nuclear Station was revised to implement the closure of Surface Water location 211, Wylie Dam and the addition of Surface Water location 224, Lake Wylie Downstream (DRR# 02526939). The last collection for location 211 was December 23, 2024, and the first scheduled collection for location 224 is in 2025. CNS ODCM was updated to Revision 65 on January 21, 2025.

II. DESCRIPTION OF ANALYSIS PROCEDURES

Gamma spectroscopy analyses are performed using high purity germanium gamma detectors and Mirion analytical software. Designated sample volumes are transferred to appropriate counting geometries and analyzed by gamma spectroscopy. Perishable samples such as fish and broadleaf vegetation are ground to achieve a homogeneous mixture. Soils and sediments are dried, sifted to remove foreign objects (rocks, clams, glass, etc.) then transferred to appropriate counting geometry.

Low-level iodine analyses are performed by passing a designated sample aliquot through a pre-determined amount of ion exchange resin to remove and concentrate any iodine in the aqueous sample (milk). The resin is then dried and mixed thoroughly before being transferred to appropriate counting geometry and analyzed by gamma spectroscopy.

Tritium analyses are performed by using low-level environmental liquid scintillation analysis technique on a Perkin-Elmer 4910TR liquid scintillation system or Perkin-Elmer 3100TR liquid scintillation system. Tritium samples are distilled and batch processed with

a laboratory fortified blank, matrix spike, matrix spike duplicate, and blank to verify instrument performance and sample preparation technique are acceptable, and sample contamination has not occurred.
Gross beta analysis of air filters is performed by analyzing filters on Tennelec XLB Series 5 gas-flow proportional counters. Samples are batch processed with a blank to ensure sample contamination has not occurred.

Gross beta analysis of liquid samples is performed by concentrating a designated aliquot of sample and analyzing by Perkin-Elmer 4910TR liquid scintillation system. Samples are batch processed with a laboratory fortified blank and blank to verify instrument performance and ensure sample contamination has not occurred.

III. CHANGE OF ANALYSIS PROCEDURES

A change was made to the gamma spectroscopy Analysis Sequence File used by the Mirion analytical software. The option of using the 95% critical level test was implemented in October 2024 in the Analysis Sequence File as recommended by Mirion and to be consistent with the Duke Energy nuclear fleet countrooms.

APPENDIX B

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

SUMMARY OF RESULTS

2024

CATAWBA NUCLEAR STATION
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Catawba Nuclear Station
York County, South Carolina

Docket Numbers 50-413, 414
Calendar Year 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations[2][3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range[2][3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range[2][3]		
Air Particulate (pCi/m^3)	Gross Beta 260[4]	See Table 2.2-C	2.14E-02 (208/208) 6.91E-03 – 4.16E-02	Loc. # 208 (0.45 mi S)	2.25E-02 (52/52) 8.46E-03 – 3.99E-02	Loc. # 258 2.22E-02 (52/52) 7.44E-03 – 4.30E-02	0
	Gamma 20[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Air Radioiodine (pCi/m^3)	Gamma 260[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Drinking Water (pCi/l)	Gross Beta 26[4]	See Table 2.2-C	3.43E+00 (2/13) 3.15E+00 – 3.70E+00	Loc. # 214 (7.30 mi SSE)	3.43E+00 (2/13) 3.15E+00 – 3.70E+00	All less than LLD	0
	Gamma 26[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium[5] 8[4]	See Table 2.2-C	6.90E+02 (4/4) 6.32E+02 – 8.27E+02	Loc. # 214 (7.30 mi SSE)	6.90E+02 (4/4) 6.32E+02 – 8.27E+02	Loc. # 218 4.24E+02 (3/4) 3.26E+02 – 5.50E+02	0
Surface Water (pCi/l)	Gamma 39	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium[5] 12	See Table 2.2-C	5.12E+03 (8/8) 5.05E+02 – 1.33E+04	Loc. # 208 (0.45 mi S)	9.65E+03 (4/4) 6.43E+03 – 1.33E+04	Loc. # 263 3.63E+02 (4/4) 2.53E+02 – 5.47E+02	0
Milk (pCi/l)	Gamma 15[4]	See Table 2.2-C	No Indicator Location	-----	-----	All less than LLD	0
	I-131 15[4]	See Table 2.2-C	No Indicator Location	-----	-----	All less than LLD	0

CATAWBA NUCLEAR STATION
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Catawba Nuclear Station
York County, South Carolina

Docket Numbers 50-413, 414
Calendar Year 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations[2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range[2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range[2] [3]		
Broadleaf Vegetation (pCi/kg, wet)	Gamma 60	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Food Products (pCi/kg, wet)	Gamma 9[4]	See Table 2.2-C	All less than LLD	-----	-----	No Control Location	0
Fish (pCi/kg, wet)	Gamma 12	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Sediments--Shoreline (pCi/kg, dry)	Gamma 6 Co-60	See Table 2.2-C	1.81E+02 (1/4) 1.81E+02 – 1.81E+02	Loc. # 208 (0.45 mi S)	1.81E+02 (1/2) 1.81E+02 – 1.81E+02	All less than LLD	0
TLD (mR/Std Qtr)	TLD Readout 164[6]	-----	1.79E+01 (152/152) 1.12E+01 – 2.96E+01	Loc. # 264 (4.32 mi SE)	2.76E+01 (4/4) 2.49E+01 – 2.96E+01	Loc. # 217 Loc. # 247 Loc. # 251 1.43E+01 (12/12) 9.54E+00 – 2.05E+01	0

Footnotes to Appendix B

1. The Lower Limit of Detection (LLD) is the smallest concentration of radioactive material in a sample that will yield a net count above system background which will be detected with 95 percent probability and with only 5 percent probability of falsely concluding that a blank observation represents a "real" signal. Due to counting statistics and varying volumes, occasionally lower LLDs are achieved. Refer to Section 2.3.2 for an explanation of how LLD values were derived.

2. Mean and range are based on detectable measurements only.

3. The fractions of all samples with detectable activities at specific locations are indicated in parentheses.

4. Missing samples or surveillances are discussed in Appendix C or Appendix D.

5. Quarterly tritium composites determined using quarter days (92 days +/- 25% (23 days)).

6. TLD exposure is reported in milliroentgen (mR) per standard quarter (91 days).

APPENDIX C

SAMPLING DEVIATIONS
&
UNAVAILABLE ANALYSES

2024

APPENDIX C

CATAWBA NUCLEAR STATION
SAMPLING DEVIATIONS & UNAVAILABLE ANALYSES

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown Fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

C.1 SAMPLING DEVIATIONS

Air Particulate and Air Radioiodine

REMP weekly air samples (Air Particulate (AP) or Air Radioiodine (AR)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted and the data reported, whereas a deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The Catawba REMP air samplers operated for a total of 99.68% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
261	1/9 - 1/17/2024	PI	1.08 hours of downtime due to power interruption from severe weather in the area.	NCR # 02501435
200	1/9 - 1/17/2024	PI	1.07 hours of downtime due to power interruption from severe weather in the area.	NCR # 02501429
258	1/17 - 1/23/2024	BF	17.24 hours of downtime due to blown fuse. Fuse was replaced and air sampler was return to service.	NCR # 02502198
201	4/30 - 5/7/2024	PI	0.98 hours of downtime due to unknown power interruption.	NCR # 02515402
208	7/16 - 7/23/2024	SM	19.52 hours of downtime due to a motor/rotor seized and broken carbon vanes. Sampler was replaced with spare sampler and returned to service.	NCR # 02523266
261	8/27 - 9/4/2024	PI	2.43 hours of downtime due to power interruption from severe weather in the area.	NCR # 02527761
200	8/27 - 9/4/2024	PI	2.41 hours of downtime due to power interruption from severe weather in the area.	NCR # 02527767
258	9/24 - 10/1/2024	PI	4.49 hours of downtime due to power interruption from severe weather in the area.	NCR # 02530586
261	9/24 - 10/1/2024	PI	47.33 hours of downtime due to power interruption from severe weather in the area.	NCR # 02530588
200	9/24 - 10/1/2024	PI	47.34 hours of downtime due to power interruption from severe weather in the area.	NCR # 02530585

Drinking Water and Surface Water

REMP monthly drinking water samples (Drinking Water (DW)) or surface water samples (Surface Water (SW)) that experience any downtime during a surveillance period are reported as a deviation and classified as a "Sampling Deviation." However, the sample is counted and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The water samplers operated for a total of 99.85% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
214	12/28/2023 - 1/23/2024	OT	65.25 hours of downtime due to float trip. There was enough water in the ISCO at the time of collection to fulfill the sampling requirements. ISCO was confirmed to be operating properly and returned to service.	NCR # 02502258

C.2 UNAVAILABLE ANALYSES

Food Products / Crops

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
260	3/5/2024	SU	Sample seasonally unavailable at time of collection.	NCR # 02507643
260	4/2/2024	SU	Sample seasonally unavailable at time of collection.	NCR # 02511251
260	5/7/2024	SU	Sample seasonally unavailable at time of collection.	NCR # 02515321

Milk

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
221	2/27/2024	OT	Milk unavailable due to cows not producing sufficient milk for REMP collection and feeding the calves.	NCR # 02506835
221	3/12/2024	OT	Milk unavailable due to cows not producing sufficient milk for REMP collection and feeding the calves.	NCR # 02508463
221	3/26/2024	OT	Milk unavailable due to cows not producing sufficient milk for REMP collection and feeding the calves.	NCR # 02510311
221	4/9/2024	OT	Milk unavailable due to cows not producing sufficient milk for REMP collection and feeding the calves.	NCR # 02512007
221	4/23/2024	OT	Milk unavailable due to cows not producing sufficient milk for REMP collection and feeding the calves.	NCR # 02513669
221	10/8/2024	OT	Milk unavailable due to cow gestation and not producing sufficient milk for REMP collection.	NCR # 02531199
221	10/22/2024	OT	Milk unavailable due to cow gestation and not producing sufficient milk for REMP collection.	NCR # 02532712
221	11/5/2024	OT	Milk unavailable due to cow gestation and not producing sufficient milk for REMP collection.	NCR # 02534375
221	11/19/2024	OT	Milk unavailable due to cow gestation and not producing sufficient milk for REMP collection.	NCR # 02536068
221	12/3/2024	OT	Milk unavailable due to cow gestation and not producing sufficient milk for REMP collection.	NCR # 02537483
221	12/17/2024	OT	Milk unavailable due to cow gestation and not producing sufficient milk for REMP collection.	NCR # 02538936
221	12/31/2024	OT	Milk unavailable due to cow gestation and not producing sufficient milk for REMP collection.	NCR # 02539419

APPENDIX D

ANALYTICAL DEVIATIONS

2024

No Analytical deviations were incurred for the 2024 CNS Radiological Environmental Monitoring Program.

APPENDIX E

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM RESULTS

2024

This appendix includes sample analysis report summaries and supporting data generated from each sample medium for 2024.

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602933	1/3/2024 - 1/9/2024	Beta	2.18E-02	3.16E-03	3.35E-03
603843	1/9/2024 - 1/17/2024	Beta	2.70E-02	2.98E-03	2.49E-03
603958	1/17/2024 - 1/23/2024	Beta	2.35E-02	3.23E-03	3.35E-03
604204	1/23/2024 - 1/30/2024	Beta	7.60E-03	2.49E-03	3.52E-03
604519	1/30/2024 - 2/6/2024	Beta	1.74E-02	2.90E-03	3.25E-03
604799	2/6/2024 - 2/13/2024	Beta	1.46E-02	2.36E-03	2.49E-03
605127	2/13/2024 - 2/20/2024	Beta	2.12E-02	3.25E-03	3.65E-03
606251	2/20/2024 - 2/27/2024	Beta	2.08E-02	3.18E-03	3.46E-03
607133	2/27/2024 - 3/5/2024	Beta	1.50E-02	2.53E-03	2.93E-03
607665	3/5/2024 - 3/12/2024	Beta	1.26E-02	2.69E-03	3.35E-03
608903	3/12/2024 - 3/19/2024	Beta	2.16E-02	3.15E-03	3.34E-03
609316	3/19/2024 - 3/26/2024	Beta	1.78E-02	2.95E-03	3.31E-03
609506	3/26/2024 - 4/2/2024	Beta	2.13E-02	2.87E-03	3.02E-03
609942	1/3/2024 - 4/2/2024	Cs-134	<2.04E-03	0.00E+00	2.04E-03
		Cs-137	<1.67E-03	0.00E+00	1.67E-03
		Be-7	1.34E-01	3.66E-02	3.57E-02
		K-40	1.37E-02	1.19E-02	1.61E-02
609937	4/2/2024 - 4/9/2024	Beta	1.41E-02	2.58E-03	2.84E-03
610474	4/9/2024 - 4/16/2024	Beta	2.14E-02	3.18E-03	3.34E-03
611014	4/16/2024 - 4/23/2024	Beta	2.14E-02	3.15E-03	3.35E-03
611185	4/23/2024 - 4/30/2024	Beta	2.12E-02	3.14E-03	3.33E-03
611523	4/30/2024 - 5/7/2024	Beta	1.54E-02	2.53E-03	2.88E-03
611770	5/7/2024 - 5/14/2024	Beta	1.50E-02	2.70E-03	3.03E-03
612280	5/14/2024 - 5/21/2024	Beta	1.14E-02	2.55E-03	3.15E-03
612549	5/21/2024 - 5/28/2024	Beta	1.66E-02	2.75E-03	3.00E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
612721	5/28/2024 - 6/4/2024	Beta	1.72E-02	2.70E-03	3.04E-03
613554	6/4/2024 - 6/11/2024	Beta	1.96E-02	3.08E-03	3.33E-03
614074	6/11/2024 - 6/18/2024	Beta	2.83E-02	3.42E-03	3.13E-03
614311	6/18/2024 - 6/25/2024	Beta	1.78E-02	2.81E-03	2.89E-03
614482	6/25/2024 - 7/2/2024	Beta	2.05E-02	2.99E-03	3.03E-03
614692	4/2/2024 - 7/2/2024	Cs-134	<1.75E-03	0.00E+00	1.75E-03
		Cs-137	<1.44E-03	0.00E+00	1.44E-03
		Be-7	1.75E-01	3.80E-02	2.59E-02
		K-40	<3.55E-02	0.00E+00	3.55E-02
614687	7/2/2024 - 7/9/2024	Beta	1.53E-02	2.92E-03	3.51E-03
615087	7/9/2024 - 7/16/2024	Beta	2.29E-02	2.77E-03	2.52E-03
615900	7/16/2024 - 7/23/2024	Beta	1.48E-02	2.83E-03	3.33E-03
616363	7/23/2024 - 7/30/2024	Beta	1.70E-02	2.90E-03	3.27E-03
616631	7/30/2024 - 8/6/2024	Beta	1.87E-02	2.59E-03	2.58E-03
617029	8/6/2024 - 8/13/2024	Beta	1.91E-02	2.93E-03	2.95E-03
617515	8/13/2024 - 8/20/2024	Beta	2.94E-02	3.07E-03	2.65E-03
618008	8/20/2024 - 8/27/2024	Beta	2.50E-02	3.18E-03	2.84E-03
618189	8/27/2024 - 9/4/2024	Beta	2.66E-02	2.81E-03	2.58E-03
618418	9/4/2024 - 9/10/2024	Beta	2.03E-02	3.37E-03	3.67E-03
619493	9/10/2024 - 9/17/2024	Beta	2.51E-02	3.25E-03	3.19E-03
619774	9/17/2024 - 9/24/2024	Beta	1.97E-02	2.70E-03	2.76E-03
620158	9/24/2024 - 10/1/2024	Beta	2.93E-02	4.41E-03	4.86E-03
620355	7/2/2024 - 10/1/2024	Cs-134	<2.13E-03	0.00E+00	2.13E-03
		Cs-137	<1.84E-03	0.00E+00	1.84E-03
		Be-7	1.44E-01	3.50E-02	2.52E-02
		K-40	<3.32E-02	0.00E+00	3.32E-02
620350	10/1/2024 - 10/8/2024	Beta	2.78E-02	3.14E-03	3.00E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
620663	10/8/2024 - 10/15/2024	Beta	3.41E-02	3.31E-03	2.79E-03
621235	10/15/2024 - 10/22/2024	Beta	2.43E-02	3.22E-03	3.14E-03
621630	10/22/2024 - 10/29/2024	Beta	4.03E-02	3.94E-03	3.35E-03
621979	10/29/2024 - 11/5/2024	Beta	2.29E-02	3.21E-03	3.34E-03
622247	11/5/2024 - 11/12/2024	Beta	1.65E-02	2.95E-03	3.41E-03
622612	11/12/2024 - 11/19/2024	Beta	2.31E-02	2.88E-03	2.87E-03
622893	11/19/2024 - 11/26/2024	Beta	1.86E-02	2.95E-03	3.20E-03
623216	11/26/2024 - 12/3/2024	Beta	2.84E-02	3.49E-03	3.39E-03
624049	12/3/2024 - 12/10/2024	Beta	2.93E-02	3.63E-03	3.66E-03
624583	12/10/2024 - 12/17/2024	Beta	2.07E-02	3.13E-03	3.34E-03
624791	12/17/2024 - 12/23/2024	Beta	1.57E-02	3.22E-03	3.92E-03
625005	12/23/2024 - 12/31/2024	Beta	2.30E-02	3.00E-03	3.05E-03
625219	10/1/2024 - 12/31/2024	Cs-134	<1.70E-03	0.00E+00	1.70E-03
		Cs-137	<1.50E-03	0.00E+00	1.50E-03
		Be-7	1.21E-01	3.99E-02	4.43E-02
		K-40	2.91E-02	1.43E-02	4.65E-03

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602934	1/3/2024 - 1/9/2024	Beta	2.40E-02	3.26E-03	3.34E-03
603844	1/9/2024 - 1/17/2024	Beta	2.92E-02	3.07E-03	2.49E-03
603959	1/17/2024 - 1/23/2024	Beta	2.25E-02	3.18E-03	3.36E-03
604205	1/23/2024 - 1/30/2024	Beta	8.18E-03	2.51E-03	3.48E-03
604520	1/30/2024 - 2/6/2024	Beta	1.91E-02	3.01E-03	3.28E-03
604800	2/6/2024 - 2/13/2024	Beta	1.51E-02	2.38E-03	2.49E-03
605128	2/13/2024 - 2/20/2024	Beta	2.29E-02	3.34E-03	3.67E-03
606252	2/20/2024 - 2/27/2024	Beta	2.32E-02	3.29E-03	3.45E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
607134	2/27/2024 - 3/5/2024	Beta	1.41E-02	2.49E-03	2.93E-03
607666	3/5/2024 - 3/12/2024	Beta	1.25E-02	2.69E-03	3.35E-03
608904	3/12/2024 - 3/19/2024	Beta	2.31E-02	3.23E-03	3.35E-03
609317	3/19/2024 - 3/26/2024	Beta	1.82E-02	2.96E-03	3.30E-03
609507	3/26/2024 - 4/2/2024	Beta	2.02E-02	2.81E-03	2.99E-03
609943	1/3/2024 - 4/2/2024	Cs-134	<1.82E-03	0.00E+00	1.82E-03
		Cs-137	<1.22E-03	0.00E+00	1.22E-03
		Be-7	1.22E-01	3.70E-02	4.08E-02
		K-40	<4.02E-02	0.00E+00	4.02E-02
609938	4/2/2024 - 4/9/2024	Beta	1.29E-02	2.51E-03	2.86E-03
610475	4/9/2024 - 4/16/2024	Beta	1.71E-02	2.96E-03	3.35E-03
611015	4/16/2024 - 4/23/2024	Beta	2.21E-02	3.18E-03	3.35E-03
611186	4/23/2024 - 4/30/2024	Beta	2.21E-02	3.17E-03	3.32E-03
611524	4/30/2024 - 5/7/2024	Beta	1.43E-02	2.50E-03	2.90E-03
611771	5/7/2024 - 5/14/2024	Beta	1.55E-02	2.72E-03	3.03E-03
612281	5/14/2024 - 5/21/2024	Beta	1.15E-02	2.55E-03	3.15E-03
612550	5/21/2024 - 5/28/2024	Beta	1.84E-02	2.85E-03	3.00E-03
612722	5/28/2024 - 6/4/2024	Beta	1.79E-02	2.74E-03	3.04E-03
613555	6/4/2024 - 6/11/2024	Beta	1.58E-02	2.88E-03	3.33E-03
614075	6/11/2024 - 6/18/2024	Beta	2.98E-02	3.48E-03	3.12E-03
614312	6/18/2024 - 6/25/2024	Beta	1.81E-02	2.82E-03	2.89E-03
614483	6/25/2024 - 7/2/2024	Beta	2.20E-02	3.05E-03	3.00E-03
614693	4/2/2024 - 7/2/2024	Cs-134	<1.29E-03	0.00E+00	1.29E-03
		Cs-137	<1.98E-03	0.00E+00	1.98E-03
		Be-7	1.25E-01	3.56E-02	3.64E-02
		K-40	<3.13E-02	0.00E+00	3.13E-02
614688	7/2/2024 - 7/9/2024	Beta	1.41E-02	2.88E-03	3.55E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
615088	7/9/2024 - 7/16/2024	Beta	2.19E-02	2.72E-03	2.51E-03
615901	7/16/2024 - 7/23/2024	Beta	1.36E-02	2.77E-03	3.34E-03
616364	7/23/2024 - 7/30/2024	Beta	1.56E-02	2.82E-03	3.26E-03
616632	7/30/2024 - 8/6/2024	Beta	1.48E-02	2.40E-03	2.59E-03
617030	8/6/2024 - 8/13/2024	Beta	1.89E-02	2.90E-03	2.92E-03
617516	8/13/2024 - 8/20/2024	Beta	2.64E-02	2.96E-03	2.66E-03
618009	8/20/2024 - 8/27/2024	Beta	2.42E-02	3.14E-03	2.84E-03
618190	8/27/2024 - 9/4/2024	Beta	2.48E-02	2.73E-03	2.56E-03
618419	9/4/2024 - 9/10/2024	Beta	1.81E-02	3.24E-03	3.64E-03
619494	9/10/2024 - 9/17/2024	Beta	2.03E-02	3.02E-03	3.19E-03
619775	9/17/2024 - 9/24/2024	Beta	1.83E-02	2.64E-03	2.77E-03
620159	9/24/2024 - 10/1/2024	Beta	2.69E-02	3.45E-03	3.52E-03
620356	7/2/2024 - 10/1/2024	Cs-134	<1.80E-03	0.00E+00	1.80E-03
		Cs-137	<1.48E-03	0.00E+00	1.48E-03
		Be-7	1.13E-01	3.23E-02	3.06E-02
		K-40	<3.30E-02	0.00E+00	3.30E-02
620351	10/1/2024 - 10/8/2024	Beta	2.87E-02	3.16E-03	2.97E-03
620664	10/8/2024 - 10/15/2024	Beta	3.16E-02	3.21E-03	2.78E-03
621236	10/15/2024 - 10/22/2024	Beta	2.22E-02	3.14E-03	3.15E-03
621631	10/22/2024 - 10/29/2024	Beta	4.16E-02	3.99E-03	3.35E-03
621980	10/29/2024 - 11/5/2024	Beta	2.24E-02	3.18E-03	3.33E-03
622248	11/5/2024 - 11/12/2024	Beta	1.68E-02	2.96E-03	3.40E-03
622613	11/12/2024 - 11/19/2024	Beta	2.85E-02	3.11E-03	2.87E-03
622894	11/19/2024 - 11/26/2024	Beta	2.11E-02	3.08E-03	3.21E-03
623217	11/26/2024 - 12/3/2024	Beta	2.67E-02	3.42E-03	3.38E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
624050	12/3/2024 - 12/10/2024	Beta	3.14E-02	3.71E-03	3.66E-03
624584	12/10/2024 - 12/17/2024	Beta	2.27E-02	3.22E-03	3.34E-03
624792	12/17/2024 - 12/23/2024	Beta	1.66E-02	3.28E-03	3.92E-03
625006	12/23/2024 - 12/31/2024	Beta	2.75E-02	3.19E-03	3.05E-03
625220	10/1/2024 - 12/31/2024	Cs-134	<1.78E-03	0.00E+00	1.78E-03
		Cs-137	<1.02E-03	0.00E+00	1.02E-03
		Be-7	6.22E-02	3.22E-02	4.40E-02
		K-40	<3.52E-02	0.00E+00	3.52E-02

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602935	1/3/2024 - 1/9/2024	Beta	2.12E-02	3.13E-03	3.34E-03
603845	1/9/2024 - 1/17/2024	Beta	2.95E-02	3.09E-03	2.49E-03
603960	1/17/2024 - 1/23/2024	Beta	2.62E-02	3.35E-03	3.36E-03
604206	1/23/2024 - 1/30/2024	Beta	8.46E-03	2.53E-03	3.48E-03
604521	1/30/2024 - 2/6/2024	Beta	1.84E-02	2.97E-03	3.28E-03
604801	2/6/2024 - 2/13/2024	Beta	1.48E-02	2.37E-03	2.49E-03
605129	2/13/2024 - 2/20/2024	Beta	2.47E-02	3.42E-03	3.66E-03
606253	2/20/2024 - 2/27/2024	Beta	2.13E-02	3.20E-03	3.45E-03
607135	2/27/2024 - 3/5/2024	Beta	1.66E-02	2.61E-03	2.93E-03
607667	3/5/2024 - 3/12/2024	Beta	1.15E-02	2.63E-03	3.35E-03
608905	3/12/2024 - 3/19/2024	Beta	2.49E-02	3.31E-03	3.35E-03
609318	3/19/2024 - 3/26/2024	Beta	2.05E-02	3.09E-03	3.30E-03
609508	3/26/2024 - 4/2/2024	Beta	2.37E-02	2.96E-03	2.99E-03
609944	1/3/2024 - 4/2/2024	Cs-134	<2.04E-03	0.00E+00	2.04E-03
		Cs-137	<1.56E-03	0.00E+00	1.56E-03
		Be-7	1.19E-01	3.65E-02	4.10E-02
		K-40	<3.59E-02	0.00E+00	3.59E-02
609939	4/2/2024 - 4/9/2024	Beta	1.40E-02	2.58E-03	2.87E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
610476	4/9/2024 - 4/16/2024	Beta	1.96E-02	3.09E-03	3.35E-03
611016	4/16/2024 - 4/23/2024	Beta	2.44E-02	3.29E-03	3.35E-03
611187	4/23/2024 - 4/30/2024	Beta	2.43E-02	3.28E-03	3.32E-03
611525	4/30/2024 - 5/7/2024	Beta	1.69E-02	2.61E-03	2.88E-03
611772	5/7/2024 - 5/14/2024	Beta	1.73E-02	2.82E-03	3.03E-03
612282	5/14/2024 - 5/21/2024	Beta	1.27E-02	2.62E-03	3.15E-03
612551	5/21/2024 - 5/28/2024	Beta	2.05E-02	2.96E-03	3.00E-03
612723	5/28/2024 - 6/4/2024	Beta	1.93E-02	2.80E-03	3.04E-03
613556	6/4/2024 - 6/11/2024	Beta	2.26E-02	3.22E-03	3.33E-03
614076	6/11/2024 - 6/18/2024	Beta	3.13E-02	3.55E-03	3.12E-03
614313	6/18/2024 - 6/25/2024	Beta	1.85E-02	2.85E-03	2.89E-03
614484	6/25/2024 - 7/2/2024	Beta	2.28E-02	3.08E-03	3.00E-03
614694	4/2/2024 - 7/2/2024	Cs-134	<1.01E-03	0.00E+00	1.01E-03
		Cs-137	<1.21E-03	0.00E+00	1.21E-03
		Be-7	1.61E-01	3.87E-02	3.46E-02
		K-40	<3.51E-02	0.00E+00	3.51E-02
614689	7/2/2024 - 7/9/2024	Beta	1.62E-02	2.99E-03	3.55E-03
615089	7/9/2024 - 7/16/2024	Beta	2.52E-02	2.87E-03	2.51E-03
615902	7/16/2024 - 7/23/2024	Beta	1.64E-02	3.18E-03	3.78E-03
616365	7/23/2024 - 7/30/2024	Beta	1.69E-02	2.89E-03	3.26E-03
616633	7/30/2024 - 8/6/2024	Beta	2.08E-02	2.69E-03	2.59E-03
617031	8/6/2024 - 8/13/2024	Beta	2.21E-02	3.07E-03	2.93E-03
617517	8/13/2024 - 8/20/2024	Beta	2.89E-02	3.06E-03	2.66E-03
618010	8/20/2024 - 8/27/2024	Beta	2.75E-02	3.29E-03	2.84E-03
618191	8/27/2024 - 9/4/2024	Beta	2.47E-02	2.72E-03	2.55E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
618420	9/4/2024 - 9/10/2024	Beta	2.20E-02	3.44E-03	3.65E-03
619495	9/10/2024 - 9/17/2024	Beta	2.68E-02	3.33E-03	3.19E-03
619776	9/17/2024 - 9/24/2024	Beta	1.78E-02	2.62E-03	2.77E-03
620160	9/24/2024 - 10/1/2024	Beta	2.87E-02	3.53E-03	3.52E-03
620357	7/2/2024 - 10/1/2024	Cs-134	<1.69E-03	0.00E+00	1.69E-03
		Cs-137	<1.51E-03	0.00E+00	1.51E-03
		Be-7	1.44E-01	3.77E-02	3.46E-02
		K-40	2.78E-02	1.88E-02	2.53E-02
620352	10/1/2024 - 10/8/2024	Beta	3.41E-02	3.36E-03	2.98E-03
620665	10/8/2024 - 10/15/2024	Beta	3.42E-02	3.32E-03	2.78E-03
621237	10/15/2024 - 10/22/2024	Beta	2.42E-02	3.24E-03	3.15E-03
621632	10/22/2024 - 10/29/2024	Beta	3.99E-02	3.92E-03	3.35E-03
621981	10/29/2024 - 11/5/2024	Beta	2.80E-02	3.43E-03	3.33E-03
622249	11/5/2024 - 11/12/2024	Beta	1.74E-02	2.99E-03	3.40E-03
622614	11/12/2024 - 11/19/2024	Beta	2.65E-02	3.03E-03	2.87E-03
622895	11/19/2024 - 11/26/2024	Beta	2.15E-02	3.10E-03	3.21E-03
623218	11/26/2024 - 12/3/2024	Beta	3.10E-02	3.59E-03	3.38E-03
624051	12/3/2024 - 12/10/2024	Beta	3.36E-02	3.80E-03	3.66E-03
624585	12/10/2024 - 12/17/2024	Beta	2.15E-02	3.16E-03	3.34E-03
624793	12/17/2024 - 12/23/2024	Beta	1.59E-02	3.24E-03	3.92E-03
625007	12/23/2024 - 12/31/2024	Beta	2.42E-02	3.04E-03	3.05E-03
625221	10/1/2024 - 12/31/2024	Cs-134	<1.97E-03	0.00E+00	1.97E-03
		Cs-137	<2.34E-03	0.00E+00	2.34E-03
		Be-7	1.32E-01	3.79E-02	3.41E-02
		K-40	2.71E-02	1.47E-02	1.32E-02

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
602936	1/3/2024 - 1/9/2024	Beta	1.92E-02	3.03E-03	3.33E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
603846	1/9/2024 - 1/17/2024	Beta	2.55E-02	2.91E-03	2.48E-03
603961	1/17/2024 - 1/23/2024	Beta	2.38E-02	3.55E-03	3.83E-03
604207	1/23/2024 - 1/30/2024	Beta	7.44E-03	2.44E-03	3.44E-03
604522	1/30/2024 - 2/6/2024	Beta	1.86E-02	3.01E-03	3.33E-03
604802	2/6/2024 - 2/13/2024	Beta	1.35E-02	2.30E-03	2.47E-03
605130	2/13/2024 - 2/20/2024	Beta	2.22E-02	3.31E-03	3.67E-03
606254	2/20/2024 - 2/27/2024	Beta	2.44E-02	3.35E-03	3.45E-03
607136	2/27/2024 - 3/5/2024	Beta	1.55E-02	2.57E-03	2.94E-03
607668	3/5/2024 - 3/12/2024	Beta	1.16E-02	2.63E-03	3.34E-03
608906	3/12/2024 - 3/19/2024	Beta	2.18E-02	3.17E-03	3.34E-03
609319	3/19/2024 - 3/26/2024	Beta	2.20E-02	3.15E-03	3.30E-03
609509	3/26/2024 - 4/2/2024	Beta	2.11E-02	2.82E-03	2.96E-03
609945	1/3/2024 - 4/2/2024	Cs-134	<2.25E-03	0.00E+00	2.25E-03
		Cs-137	<1.84E-03	0.00E+00	1.84E-03
		Be-7	1.38E-01	3.56E-02	2.99E-02
		K-40	<3.07E-02	0.00E+00	3.07E-02
609940	4/2/2024 - 4/9/2024	Beta	1.33E-02	2.53E-03	2.86E-03
610477	4/9/2024 - 4/16/2024	Beta	1.94E-02	3.08E-03	3.35E-03
611017	4/16/2024 - 4/23/2024	Beta	2.07E-02	3.12E-03	3.36E-03
611188	4/23/2024 - 4/30/2024	Beta	2.11E-02	3.12E-03	3.30E-03
611526	4/30/2024 - 5/7/2024	Beta	1.72E-02	2.63E-03	2.89E-03
611773	5/7/2024 - 5/14/2024	Beta	1.54E-02	2.72E-03	3.03E-03
612283	5/14/2024 - 5/21/2024	Beta	1.14E-02	2.54E-03	3.15E-03
612552	5/21/2024 - 5/28/2024	Beta	1.75E-02	2.81E-03	3.01E-03
612724	5/28/2024 - 6/4/2024	Beta	2.08E-02	2.87E-03	3.05E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
613557	6/4/2024 - 6/11/2024	Beta	1.91E-02	3.05E-03	3.33E-03
614077	6/11/2024 - 6/18/2024	Beta	2.65E-02	3.31E-03	3.09E-03
614314	6/18/2024 - 6/25/2024	Beta	2.23E-02	3.05E-03	2.92E-03
614485	6/25/2024 - 7/2/2024	Beta	2.79E-02	3.30E-03	2.97E-03
614695	4/2/2024 - 7/2/2024	Cs-134	<1.60E-03	0.00E+00	1.60E-03
		Cs-137	<1.94E-03	0.00E+00	1.94E-03
		Be-7	1.51E-01	3.98E-02	3.68E-02
		K-40	2.79E-02	1.46E-02	5.03E-03
614690	7/2/2024 - 7/9/2024	Beta	1.84E-02	3.13E-03	3.60E-03
615090	7/9/2024 - 7/16/2024	Beta	2.49E-02	2.82E-03	2.47E-03
615903	7/16/2024 - 7/23/2024	Beta	1.32E-02	2.78E-03	3.39E-03
616366	7/23/2024 - 7/30/2024	Beta	1.97E-02	3.01E-03	3.23E-03
616634	7/30/2024 - 8/6/2024	Beta	2.01E-02	2.68E-03	2.63E-03
617032	8/6/2024 - 8/13/2024	Beta	2.19E-02	3.03E-03	2.88E-03
617518	8/13/2024 - 8/20/2024	Beta	3.16E-02	3.19E-03	2.69E-03
618011	8/20/2024 - 8/27/2024	Beta	3.10E-02	3.45E-03	2.84E-03
618192	8/27/2024 - 9/4/2024	Beta	2.79E-02	2.86E-03	2.57E-03
618421	9/4/2024 - 9/10/2024	Beta	2.17E-02	3.42E-03	3.63E-03
619496	9/10/2024 - 9/17/2024	Beta	2.77E-02	3.37E-03	3.19E-03
619777	9/17/2024 - 9/24/2024	Beta	2.04E-02	2.74E-03	2.77E-03
620161	9/24/2024 - 10/1/2024	Beta	3.12E-02	3.70E-03	3.62E-03
620358	7/2/2024 - 10/1/2024	Cs-134	<2.01E-03	0.00E+00	2.01E-03
		Cs-137	<8.09E-04	0.00E+00	8.09E-04
		Be-7	1.07E-01	3.21E-02	3.24E-02
		K-40	<3.01E-02	0.00E+00	3.01E-02
620353	10/1/2024 - 10/8/2024	Beta	2.98E-02	3.19E-03	2.97E-03
620666	10/8/2024 - 10/15/2024	Beta	3.46E-02	3.32E-03	2.78E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
621238	10/15/2024 - 10/22/2024	Beta	2.68E-02	3.36E-03	3.17E-03
621633	10/22/2024 - 10/29/2024	Beta	4.30E-02	4.03E-03	3.33E-03
621982	10/29/2024 - 11/5/2024	Beta	2.18E-02	3.16E-03	3.35E-03
622250	11/5/2024 - 11/12/2024	Beta	1.65E-02	2.94E-03	3.39E-03
622615	11/12/2024 - 11/19/2024	Beta	2.80E-02	3.09E-03	2.87E-03
622896	11/19/2024 - 11/26/2024	Beta	2.30E-02	3.17E-03	3.21E-03
623219	11/26/2024 - 12/3/2024	Beta	2.55E-02	3.37E-03	3.40E-03
624052	12/3/2024 - 12/10/2024	Beta	3.40E-02	3.80E-03	3.64E-03
624586	12/10/2024 - 12/17/2024	Beta	2.28E-02	3.23E-03	3.34E-03
624794	12/17/2024 - 12/23/2024	Beta	1.72E-02	3.31E-03	3.92E-03
625008	12/23/2024 - 12/31/2024	Beta	2.61E-02	3.13E-03	3.05E-03
625222	10/1/2024 - 12/31/2024	Cs-134	<2.03E-03	0.00E+00	2.03E-03
		Cs-137	<1.55E-03	0.00E+00	1.55E-03
		Be-7	9.53E-02	3.83E-02	4.91E-02
		K-40	<3.55E-02	0.00E+00	3.55E-02

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602937	1/3/2024 - 1/9/2024	Beta	2.10E-02	3.13E-03	3.36E-03
603847	1/9/2024 - 1/17/2024	Beta	2.55E-02	2.91E-03	2.49E-03
603962	1/17/2024 - 1/23/2024	Beta	2.12E-02	3.12E-03	3.34E-03
604208	1/23/2024 - 1/30/2024	Beta	6.91E-03	2.44E-03	3.49E-03
604523	1/30/2024 - 2/6/2024	Beta	1.77E-02	2.93E-03	3.28E-03
604803	2/6/2024 - 2/13/2024	Beta	1.32E-02	2.29E-03	2.49E-03
605131	2/13/2024 - 2/20/2024	Beta	1.95E-02	3.18E-03	3.65E-03
606255	2/20/2024 - 2/27/2024	Beta	2.39E-02	3.33E-03	3.46E-03
607137	2/27/2024 - 3/5/2024	Beta	1.45E-02	2.51E-03	2.93E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
607669	3/5/2024 - 3/12/2024	Beta	1.16E-02	2.63E-03	3.35E-03
608907	3/12/2024 - 3/19/2024	Beta	2.42E-02	3.28E-03	3.34E-03
609320	3/19/2024 - 3/26/2024	Beta	1.77E-02	2.94E-03	3.31E-03
609510	3/26/2024 - 4/2/2024	Beta	2.24E-02	2.90E-03	2.99E-03
609946	1/3/2024 - 4/2/2024	Cs-134	<1.50E-03	0.00E+00	1.50E-03
		Cs-137	<1.37E-03	0.00E+00	1.37E-03
		Be-7	8.64E-02	3.40E-02	4.33E-02
		K-40	<3.34E-02	0.00E+00	3.34E-02
609941	4/2/2024 - 4/9/2024	Beta	1.10E-02	2.40E-03	2.87E-03
610478	4/9/2024 - 4/16/2024	Beta	2.32E-02	3.27E-03	3.34E-03
611018	4/16/2024 - 4/23/2024	Beta	2.19E-02	3.17E-03	3.35E-03
611189	4/23/2024 - 4/30/2024	Beta	2.48E-02	3.30E-03	3.32E-03
611527	4/30/2024 - 5/7/2024	Beta	1.57E-02	2.55E-03	2.88E-03
611774	5/7/2024 - 5/14/2024	Beta	1.44E-02	2.67E-03	3.03E-03
612284	5/14/2024 - 5/21/2024	Beta	1.20E-02	2.58E-03	3.15E-03
612553	5/21/2024 - 5/28/2024	Beta	1.77E-02	2.82E-03	3.00E-03
612725	5/28/2024 - 6/4/2024	Beta	1.79E-02	2.73E-03	3.04E-03
613558	6/4/2024 - 6/11/2024	Beta	1.82E-02	3.01E-03	3.33E-03
614078	6/11/2024 - 6/18/2024	Beta	2.76E-02	3.39E-03	3.13E-03
614315	6/18/2024 - 6/25/2024	Beta	1.70E-02	2.76E-03	2.89E-03
614486	6/25/2024 - 7/2/2024	Beta	1.94E-02	2.92E-03	3.00E-03
614696	4/2/2024 - 7/2/2024	Cs-134	<1.96E-03	0.00E+00	1.96E-03
		Cs-137	<1.49E-03	0.00E+00	1.49E-03
		Be-7	1.55E-01	4.07E-02	4.00E-02
		K-40	2.96E-02	1.84E-02	2.35E-02
614691	7/2/2024 - 7/9/2024	Beta	1.44E-02	2.89E-03	3.55E-03
615091	7/9/2024 - 7/16/2024	Beta	2.06E-02	2.66E-03	2.52E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
615904	7/16/2024 - 7/23/2024	Beta	1.49E-02	2.84E-03	3.33E-03
616367	7/23/2024 - 7/30/2024	Beta	1.55E-02	2.82E-03	3.27E-03
616635	7/30/2024 - 8/6/2024	Beta	1.74E-02	2.53E-03	2.58E-03
617033	8/6/2024 - 8/13/2024	Beta	2.37E-02	3.15E-03	2.93E-03
617519	8/13/2024 - 8/20/2024	Beta	2.70E-02	2.99E-03	2.66E-03
618012	8/20/2024 - 8/27/2024	Beta	2.71E-02	3.27E-03	2.84E-03
618193	8/27/2024 - 9/4/2024	Beta	2.42E-02	2.72E-03	2.58E-03
618422	9/4/2024 - 9/10/2024	Beta	2.29E-02	3.50E-03	3.67E-03
619497	9/10/2024 - 9/17/2024	Beta	2.64E-02	3.32E-03	3.19E-03
619778	9/17/2024 - 9/24/2024	Beta	1.65E-02	2.55E-03	2.76E-03
620162	9/24/2024 - 10/1/2024	Beta	3.02E-02	4.46E-03	4.87E-03
620359	7/2/2024 - 10/1/2024	Cs-134	<1.51E-03	0.00E+00	1.51E-03
		Cs-137	<1.51E-03	0.00E+00	1.51E-03
		Be-7	1.36E-01	3.52E-02	2.87E-02
		K-40	<3.81E-02	0.00E+00	3.81E-02
620354	10/1/2024 - 10/8/2024	Beta	3.19E-02	3.29E-03	3.00E-03
620667	10/8/2024 - 10/15/2024	Beta	2.89E-02	3.10E-03	2.78E-03
621239	10/15/2024 - 10/22/2024	Beta	2.42E-02	3.23E-03	3.14E-03
621634	10/22/2024 - 10/29/2024	Beta	3.99E-02	3.93E-03	3.35E-03
621983	10/29/2024 - 11/5/2024	Beta	2.25E-02	3.20E-03	3.35E-03
622251	11/5/2024 - 11/12/2024	Beta	1.79E-02	3.01E-03	3.41E-03
622616	11/12/2024 - 11/19/2024	Beta	2.83E-02	3.10E-03	2.87E-03
622897	11/19/2024 - 11/26/2024	Beta	2.13E-02	3.08E-03	3.20E-03
623220	11/26/2024 - 12/3/2024	Beta	2.60E-02	3.38E-03	3.39E-03
624053	12/3/2024 - 12/10/2024	Beta	3.24E-02	3.75E-03	3.67E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	624587	Sample Dates: 12/10/2024 - 12/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.10E-02	3.14E-03	3.34E-03
Sample ID:	**624795**	**Sample Dates: 12/17/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	1.53E-02	3.20E-03	3.91E-03
Sample ID:	**625009**	**Sample Dates: 12/23/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.38E-02	3.03E-03	3.05E-03
Sample ID:	**625223**	**Sample Dates: 10/1/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Cs-134	<1.50E-03	0.00E+00	1.50E-03
			Cs-137	<1.21E-03	0.00E+00	1.21E-03
			Be-7	1.05E-01	3.93E-02	4.85E-02
			K-40	<3.71E-02	0.00E+00	3.71E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	602943	Sample Dates: 1/3/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.16E-02	0.00E+00	4.16E-02
			Cs-134	<2.80E-02	0.00E+00	2.80E-02
			Cs-137	<2.92E-02	0.00E+00	2.92E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	6.04E-01	3.56E-01	4.29E-01
Sample ID:	**603848**	**Sample Dates: 1/9/2024 - 1/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.69E-02	0.00E+00	3.69E-02
			Cs-134	<2.99E-02	0.00E+00	2.99E-02
			Cs-137	<2.27E-02	0.00E+00	2.27E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	4.10E-01	3.12E-01	4.55E-01
Sample ID:	**603963**	**Sample Dates: 1/17/2024 - 1/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.52E-02	0.00E+00	4.52E-02
			Cs-134	<3.33E-02	0.00E+00	3.33E-02
			Cs-137	<3.26E-02	0.00E+00	3.26E-02
			Be-7	<2.76E-01	0.00E+00	2.76E-01
			K-40	<8.67E-01	0.00E+00	8.67E-01
Sample ID:	**604209**	**Sample Dates: 1/23/2024 - 1/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<2.36E-02	0.00E+00	2.36E-02
			Cs-137	<3.27E-02	0.00E+00	3.27E-02
			Be-7	<2.26E-01	0.00E+00	2.26E-01
			K-40	<5.80E-01	0.00E+00	5.80E-01
Sample ID:	**604524**	**Sample Dates: 1/30/2024 - 2/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.66E-02	0.00E+00	3.66E-02
			Cs-134	<3.21E-02	0.00E+00	3.21E-02
			Cs-137	<2.90E-02	0.00E+00	2.90E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	<7.94E-01	0.00E+00	7.94E-01
Sample ID:	**604804**	**Sample Dates: 2/6/2024 - 2/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.12E-02	0.00E+00	4.12E-02
			Cs-134	<4.10E-02	0.00E+00	4.10E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	7.41E-01	3.33E-01	3.24E-01
Sample ID:	**605132**	**Sample Dates: 2/13/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.97E-02	0.00E+00	4.97E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02
			Cs-137	<1.37E-02	0.00E+00	1.37E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	8.02E-01	3.09E-01	7.76E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
606256	2/20/2024 - 2/27/2024	I-131	<4.55E-02	0.00E+00	4.55E-02
		Cs-134	<3.78E-02	0.00E+00	3.78E-02
		Cs-137	<2.94E-02	0.00E+00	2.94E-02
		Be-7	<2.79E-01	0.00E+00	2.79E-01
		K-40	5.27E-01	3.08E-01	3.77E-01
607138	2/27/2024 - 3/5/2024	I-131	<4.04E-02	0.00E+00	4.04E-02
		Cs-134	<3.92E-02	0.00E+00	3.92E-02
		Cs-137	<3.08E-02	0.00E+00	3.08E-02
		Be-7	<1.93E-01	0.00E+00	1.93E-01
		K-40	6.34E-01	3.38E-01	4.06E-01
607670	3/5/2024 - 3/12/2024	I-131	<4.84E-02	0.00E+00	4.84E-02
		Cs-134	<2.83E-02	0.00E+00	2.83E-02
		Cs-137	<2.22E-02	0.00E+00	2.22E-02
		Be-7	<2.35E-01	0.00E+00	2.35E-01
		K-40	4.81E-01	3.18E-01	4.26E-01
608908	3/12/2024 - 3/19/2024	I-131	<4.11E-02	0.00E+00	4.11E-02
		Cs-134	<2.35E-02	0.00E+00	2.35E-02
		Cs-137	<2.80E-02	0.00E+00	2.80E-02
		Be-7	<2.13E-01	0.00E+00	2.13E-01
		K-40	6.73E-01	3.61E-01	4.48E-01
609321	3/19/2024 - 3/26/2024	I-131	<3.41E-02	0.00E+00	3.41E-02
		Cs-134	<2.60E-02	0.00E+00	2.60E-02
		Cs-137	<2.43E-02	0.00E+00	2.43E-02
		Be-7	<2.09E-01	0.00E+00	2.09E-01
		K-40	<7.26E-01	0.00E+00	7.26E-01
609511	3/26/2024 - 4/2/2024	I-131	<2.44E-02	0.00E+00	2.44E-02
		Cs-134	<2.33E-02	0.00E+00	2.33E-02
		Cs-137	<2.19E-02	0.00E+00	2.19E-02
		Be-7	<1.57E-01	0.00E+00	1.57E-01
		K-40	4.66E-01	2.55E-01	2.82E-01
609947	4/2/2024 - 4/9/2024	I-131	<3.36E-02	0.00E+00	3.36E-02
		Cs-134	<3.38E-02	0.00E+00	3.38E-02
		Cs-137	<2.57E-02	0.00E+00	2.57E-02
		Be-7	<1.92E-01	0.00E+00	1.92E-01
		K-40	<7.52E-01	0.00E+00	7.52E-01
610479	4/9/2024 - 4/16/2024	I-131	<4.04E-02	0.00E+00	4.04E-02
		Cs-134	<3.07E-02	0.00E+00	3.07E-02
		Cs-137	<2.80E-02	0.00E+00	2.80E-02
		Be-7	<2.60E-01	0.00E+00	2.60E-01
		K-40	9.73E-01	3.42E-01	7.76E-02
611019	4/16/2024 - 4/23/2024	I-131	<4.07E-02	0.00E+00	4.07E-02
		Cs-134	<2.61E-02	0.00E+00	2.61E-02
		Cs-137	<3.24E-02	0.00E+00	3.24E-02
		Be-7	<2.24E-01	0.00E+00	2.24E-01
		K-40	7.71E-01	3.62E-01	4.05E-01
611190	4/23/2024 - 4/30/2024	I-131	<3.55E-02	0.00E+00	3.55E-02
		Cs-134	<3.47E-02	0.00E+00	3.47E-02
		Cs-137	<2.25E-02	0.00E+00	2.25E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
611190	4/23/2024 - 4/30/2024	Be-7	<2.20E-01	0.00E+00	2.20E-01
		K-40	5.74E-01	3.32E-01	4.16E-01
611528	4/30/2024 - 5/7/2024	I-131	<4.08E-02	0.00E+00	4.08E-02
		Cs-134	<2.83E-02	0.00E+00	2.83E-02
		Cs-137	<3.83E-02	0.00E+00	3.83E-02
		Be-7	<2.00E-01	0.00E+00	2.00E-01
		K-40	6.90E-01	3.40E-01	3.82E-01
611775	5/7/2024 - 5/14/2024	I-131	<4.59E-02	0.00E+00	4.59E-02
		Cs-134	<3.61E-02	0.00E+00	3.61E-02
		Cs-137	<2.78E-02	0.00E+00	2.78E-02
		Be-7	<2.69E-01	0.00E+00	2.69E-01
		K-40	6.16E-01	3.18E-01	3.56E-01
612285	5/14/2024 - 5/21/2024	I-131	<3.88E-02	0.00E+00	3.88E-02
		Cs-134	<2.34E-02	0.00E+00	2.34E-02
		Cs-137	<2.43E-02	0.00E+00	2.43E-02
		Be-7	<2.12E-01	0.00E+00	2.12E-01
		K-40	5.17E-01	2.81E-01	3.01E-01
612554	5/21/2024 - 5/28/2024	I-131	<4.01E-02	0.00E+00	4.01E-02
		Cs-134	<3.00E-02	0.00E+00	3.00E-02
		Cs-137	<3.17E-02	0.00E+00	3.17E-02
		Be-7	<2.24E-01	0.00E+00	2.24E-01
		K-40	3.73E-01	3.13E-01	4.65E-01
612726	5/28/2024 - 6/4/2024	I-131	<4.01E-02	0.00E+00	4.01E-02
		Cs-134	<2.65E-02	0.00E+00	2.65E-02
		Cs-137	<3.14E-02	0.00E+00	3.14E-02
		Be-7	<2.46E-01	0.00E+00	2.46E-01
		K-40	6.86E-01	3.68E-01	4.59E-01
613559	6/4/2024 - 6/11/2024	I-131	<5.38E-02	0.00E+00	5.38E-02
		Cs-134	<3.26E-02	0.00E+00	3.26E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<2.32E-01	0.00E+00	2.32E-01
		K-40	1.05E+00	3.57E-01	7.73E-02
614079	6/11/2024 - 6/18/2024	I-131	<6.18E-02	0.00E+00	6.18E-02
		Cs-134	<2.54E-02	0.00E+00	2.54E-02
		Cs-137	<2.87E-02	0.00E+00	2.87E-02
		Be-7	<2.47E-01	0.00E+00	2.47E-01
		K-40	8.89E-01	3.31E-01	2.66E-01
614316	6/18/2024 - 6/25/2024	I-131	<4.79E-02	0.00E+00	4.79E-02
		Cs-134	<3.63E-02	0.00E+00	3.63E-02
		Cs-137	<2.01E-02	0.00E+00	2.01E-02
		Be-7	<2.30E-01	0.00E+00	2.30E-01
		K-40	8.33E-01	3.45E-01	3.06E-01
614487	6/25/2024 - 7/2/2024	I-131	<3.28E-02	0.00E+00	3.28E-02
		Cs-134	<2.85E-02	0.00E+00	2.85E-02
		Cs-137	<2.80E-02	0.00E+00	2.80E-02
		Be-7	<1.92E-01	0.00E+00	1.92E-01
		K-40	<6.89E-01	0.00E+00	6.89E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	614697	Sample Dates: 7/2/2024 - 7/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.52E-02	0.00E+00	4.52E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<2.92E-02	0.00E+00	2.92E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	5.28E-01	2.68E-01	2.44E-01
Sample ID:	**615092**	**Sample Dates: 7/9/2024 - 7/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.85E-02	0.00E+00	3.85E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	3.83E-01	3.44E-01	5.24E-01
Sample ID:	**615905**	**Sample Dates: 7/16/2024 - 7/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.76E-02	0.00E+00	3.76E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	6.56E-01	3.41E-01	4.03E-01
Sample ID:	**616368**	**Sample Dates: 7/23/2024 - 7/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.59E-02	0.00E+00	4.59E-02
			Cs-134	<1.59E-02	0.00E+00	1.59E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	8.05E-01	3.59E-01	3.79E-01
Sample ID:	**616636**	**Sample Dates: 7/30/2024 - 8/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.73E-02	0.00E+00	3.73E-02
			Cs-134	<2.83E-02	0.00E+00	2.83E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	6.50E-01	3.12E-01	3.16E-01
Sample ID:	**617034**	**Sample Dates: 8/6/2024 - 8/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.78E-02	0.00E+00	3.78E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<3.28E-02	0.00E+00	3.28E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	7.11E-01	3.70E-01	4.53E-01
Sample ID:	**617520**	**Sample Dates: 8/13/2024 - 8/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<2.00E-02	0.00E+00	2.00E-02
			Cs-137	<2.92E-02	0.00E+00	2.92E-02
			Be-7	1.14E-01	1.23E-01	1.93E-01
			K-40	7.06E-01	3.21E-01	3.10E-01
Sample ID:	**618013**	**Sample Dates: 8/20/2024 - 8/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<2.42E-02	0.00E+00	2.42E-02
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	<7.89E-01	0.00E+00	7.89E-01
Sample ID:	**618194**	**Sample Dates: 8/27/2024 - 9/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.96E-02	0.00E+00	3.96E-02
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<1.76E-02	0.00E+00	1.76E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	7.95E-01	3.26E-01	3.15E-01
Sample ID:	**618423**	**Sample Dates: 9/4/2024 - 9/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.35E-02	0.00E+00	4.35E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<3.48E-02	0.00E+00	3.48E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
618423	9/4/2024 - 9/10/2024	Be-7	<3.12E-01	0.00E+00	3.12E-01
		K-40	<7.39E-01	0.00E+00	7.39E-01
619498	9/10/2024 - 9/17/2024	I-131	<3.01E-02	0.00E+00	3.01E-02
		Cs-134	<4.04E-02	0.00E+00	4.04E-02
		Cs-137	<1.98E-02	0.00E+00	1.98E-02
		Be-7	<2.24E-01	0.00E+00	2.24E-01
		K-40	8.48E-01	3.17E-01	7.66E-02
619779	9/17/2024 - 9/24/2024	I-131	<4.31E-02	0.00E+00	4.31E-02
		Cs-134	<2.61E-02	0.00E+00	2.61E-02
		Cs-137	<3.24E-02	0.00E+00	3.24E-02
		Be-7	<2.27E-01	0.00E+00	2.27E-01
		K-40	7.78E-01	3.40E-01	3.29E-01
620163	9/24/2024 - 10/1/2024	I-131	<5.14E-02	0.00E+00	5.14E-02
		Cs-134	<3.52E-02	0.00E+00	3.52E-02
		Cs-137	<3.26E-02	0.00E+00	3.26E-02
		Be-7	<2.47E-01	0.00E+00	2.47E-01
		K-40	8.84E-01	4.39E-01	5.18E-01
620360	10/1/2024 - 10/8/2024	I-131	<3.66E-02	0.00E+00	3.66E-02
		Cs-134	<1.61E-02	0.00E+00	1.61E-02
		Cs-137	<5.06E-03	0.00E+00	5.06E-03
		Be-7	<2.22E-01	0.00E+00	2.22E-01
		K-40	<6.91E-01	0.00E+00	6.91E-01
620668	10/8/2024 - 10/15/2024	I-131	<4.01E-02	0.00E+00	4.01E-02
		Cs-134	<3.07E-02	0.00E+00	3.07E-02
		Cs-137	<3.06E-02	0.00E+00	3.06E-02
		Be-7	<1.94E-01	0.00E+00	1.94E-01
		K-40	8.01E-01	3.09E-01	7.76E-02
621240	10/15/2024 - 10/22/2024	I-131	<3.27E-02	0.00E+00	3.27E-02
		Cs-134	<2.81E-02	0.00E+00	2.81E-02
		Cs-137	<2.21E-02	0.00E+00	2.21E-02
		Be-7	<2.08E-01	0.00E+00	2.08E-01
		K-40	<7.21E-01	0.00E+00	7.21E-01
621635	10/22/2024 - 10/29/2024	I-131	<4.03E-02	0.00E+00	4.03E-02
		Cs-134	<2.34E-02	0.00E+00	2.34E-02
		Cs-137	<2.95E-02	0.00E+00	2.95E-02
		Be-7	<2.20E-01	0.00E+00	2.20E-01
		K-40	7.24E-01	3.28E-01	3.18E-01
621984	10/29/2024 - 11/5/2024	I-131	<3.95E-02	0.00E+00	3.95E-02
		Cs-134	<2.84E-02	0.00E+00	2.84E-02
		Cs-137	<2.94E-02	0.00E+00	2.94E-02
		Be-7	<2.37E-01	0.00E+00	2.37E-01
		K-40	8.22E-01	3.47E-01	3.24E-01
622252	11/5/2024 - 11/12/2024	I-131	<3.19E-02	0.00E+00	3.19E-02
		Cs-134	<4.10E-02	0.00E+00	4.10E-02
		Cs-137	<2.80E-02	0.00E+00	2.80E-02
		Be-7	<2.72E-01	0.00E+00	2.72E-01
		K-40	9.60E-01	3.58E-01	2.63E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	622617	Sample Dates: 11/12/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.78E-02	0.00E+00	3.78E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	7.40E-01	3.56E-01	4.03E-01
Sample ID:	**622898**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.59E-02	0.00E+00	3.59E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.18E-01	0.00E+00	2.18E-01
			K-40	7.51E-01	3.52E-01	3.83E-01
Sample ID:	**623221**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<3.21E-02	0.00E+00	3.21E-02
			Cs-137	<2.74E-02	0.00E+00	2.74E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	<7.04E-01	0.00E+00	7.04E-01
Sample ID:	**624054**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.76E-02	0.00E+00	3.76E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	6.98E-01	3.22E-01	3.10E-01
Sample ID:	**624588**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.00E-02	0.00E+00	3.00E-02
			Cs-134	<2.71E-02	0.00E+00	2.71E-02
			Cs-137	<1.99E-02	0.00E+00	1.99E-02
			Be-7	<1.84E-01	0.00E+00	1.84E-01
			K-40	4.68E-01	2.57E-01	2.93E-01
Sample ID:	**624796**	**Sample Dates: 12/17/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.67E-02	0.00E+00	5.67E-02
			Cs-134	<1.74E-02	0.00E+00	1.74E-02
			Cs-137	<1.93E-02	0.00E+00	1.93E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	7.43E-01	2.61E-01	2.73E-01
Sample ID:	**625010**	**Sample Dates: 12/23/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.70E-02	0.00E+00	3.70E-02
			Cs-134	<2.69E-02	0.00E+00	2.69E-02
			Cs-137	<1.20E-02	0.00E+00	1.20E-02
			Be-7	<1.73E-01	0.00E+00	1.73E-01
			K-40	<6.75E-01	0.00E+00	6.75E-01

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	602944	Sample Dates: 1/3/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.27E-02	0.00E+00	4.27E-02
			Cs-134	<3.39E-02	0.00E+00	3.39E-02
			Cs-137	<3.86E-02	0.00E+00	3.86E-02
			Be-7	<2.96E-01	0.00E+00	2.96E-01
			K-40	7.49E-01	3.25E-01	9.23E-02
Sample ID:	**603849**	**Sample Dates: 1/9/2024 - 1/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.10E-02	0.00E+00	4.10E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<1.73E-02	0.00E+00	1.73E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	7.48E-01	3.20E-01	3.29E-01
Sample ID:	**603964**	**Sample Dates: 1/17/2024 - 1/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.35E-02	0.00E+00	4.35E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
603964	1/17/2024 - 1/23/2024	Cs-134	<4.24E-02	0.00E+00	4.24E-02
		Cs-137	<3.46E-02	0.00E+00	3.46E-02
		Be-7	<3.03E-01	0.00E+00	3.03E-01
		K-40	<7.71E-01	0.00E+00	7.71E-01
604210	1/23/2024 - 1/30/2024	I-131	<4.71E-02	0.00E+00	4.71E-02
		Cs-134	<3.78E-02	0.00E+00	3.78E-02
		Cs-137	<3.09E-02	0.00E+00	3.09E-02
		Be-7	<2.70E-01	0.00E+00	2.70E-01
		K-40	<7.28E-01	0.00E+00	7.28E-01
604525	1/30/2024 - 2/6/2024	I-131	<4.58E-02	0.00E+00	4.58E-02
		Cs-134	<2.83E-02	0.00E+00	2.83E-02
		Cs-137	<2.60E-02	0.00E+00	2.60E-02
		Be-7	<2.19E-01	0.00E+00	2.19E-01
		K-40	6.92E-01	3.65E-01	4.52E-01
604805	2/6/2024 - 2/13/2024	I-131	<4.35E-02	0.00E+00	4.35E-02
		Cs-134	<3.06E-02	0.00E+00	3.06E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	<2.18E-01	0.00E+00	2.18E-01
		K-40	9.10E-01	3.63E-01	3.25E-01
605133	2/13/2024 - 2/20/2024	I-131	<4.21E-02	0.00E+00	4.21E-02
		Cs-134	<3.08E-02	0.00E+00	3.08E-02
		Cs-137	<2.25E-02	0.00E+00	2.25E-02
		Be-7	<2.22E-01	0.00E+00	2.22E-01
		K-40	<7.33E-01	0.00E+00	7.33E-01
606257	2/20/2024 - 2/27/2024	I-131	<3.97E-02	0.00E+00	3.97E-02
		Cs-134	<3.43E-02	0.00E+00	3.43E-02
		Cs-137	<3.22E-02	0.00E+00	3.22E-02
		Be-7	<1.92E-01	0.00E+00	1.92E-01
		K-40	2.52E-01	2.58E-01	3.95E-01
607139	2/27/2024 - 3/5/2024	I-131	<4.34E-02	0.00E+00	4.34E-02
		Cs-134	<2.33E-02	0.00E+00	2.33E-02
		Cs-137	<2.77E-02	0.00E+00	2.77E-02
		Be-7	<2.37E-01	0.00E+00	2.37E-01
		K-40	6.33E-01	3.82E-01	5.16E-01
607671	3/5/2024 - 3/12/2024	I-131	<3.57E-02	0.00E+00	3.57E-02
		Cs-134	<3.24E-02	0.00E+00	3.24E-02
		Cs-137	<2.60E-02	0.00E+00	2.60E-02
		Be-7	<2.43E-01	0.00E+00	2.43E-01
		K-40	9.93E-01	3.97E-01	4.01E-01
608909	3/12/2024 - 3/19/2024	I-131	<4.90E-02	0.00E+00	4.90E-02
		Cs-134	<3.08E-02	0.00E+00	3.08E-02
		Cs-137	<2.97E-02	0.00E+00	2.97E-02
		Be-7	<1.95E-01	0.00E+00	1.95E-01
		K-40	3.16E-01	3.56E-01	5.72E-01
609322	3/19/2024 - 3/26/2024	I-131	<3.77E-02	0.00E+00	3.77E-02
		Cs-134	<2.59E-02	0.00E+00	2.59E-02
		Cs-137	<2.22E-02	0.00E+00	2.22E-02
		Be-7	<2.48E-01	0.00E+00	2.48E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
609322	3/19/2024 - 3/26/2024	K-40	5.79E-01	2.85E-01	2.67E-01
609512	3/26/2024 - 4/2/2024	I-131	<2.36E-02	0.00E+00	2.36E-02
		Cs-134	<2.67E-02	0.00E+00	2.67E-02
		Cs-137	<2.84E-02	0.00E+00	2.84E-02
		Be-7	<1.80E-01	0.00E+00	1.80E-01
		K-40	<6.06E-01	0.00E+00	6.06E-01
609948	4/2/2024 - 4/9/2024	I-131	<4.50E-02	0.00E+00	4.50E-02
		Cs-134	<2.81E-02	0.00E+00	2.81E-02
		Cs-137	<3.05E-02	0.00E+00	3.05E-02
		Be-7	<1.93E-01	0.00E+00	1.93E-01
		K-40	4.60E-01	2.60E-01	2.76E-01
610480	4/9/2024 - 4/16/2024	I-131	<3.69E-02	0.00E+00	3.69E-02
		Cs-134	<3.64E-02	0.00E+00	3.64E-02
		Cs-137	<3.11E-02	0.00E+00	3.11E-02
		Be-7	<2.38E-01	0.00E+00	2.38E-01
		K-40	7.75E-01	3.04E-01	7.77E-02
611020	4/16/2024 - 4/23/2024	I-131	<4.09E-02	0.00E+00	4.09E-02
		Cs-134	<3.07E-02	0.00E+00	3.07E-02
		Cs-137	<3.10E-02	0.00E+00	3.10E-02
		Be-7	<2.06E-01	0.00E+00	2.06E-01
		K-40	4.57E-01	2.80E-01	3.38E-01
611191	4/23/2024 - 4/30/2024	I-131	<3.82E-02	0.00E+00	3.82E-02
		Cs-134	<2.02E-02	0.00E+00	2.02E-02
		Cs-137	<2.24E-02	0.00E+00	2.24E-02
		Be-7	<3.08E-01	0.00E+00	3.08E-01
		K-40	6.27E-01	3.11E-01	3.25E-01
611529	4/30/2024 - 5/7/2024	I-131	<3.48E-02	0.00E+00	3.48E-02
		Cs-134	<2.02E-02	0.00E+00	2.02E-02
		Cs-137	<2.44E-02	0.00E+00	2.44E-02
		Be-7	<2.28E-01	0.00E+00	2.28E-01
		K-40	8.02E-01	3.38E-01	3.03E-01
611776	5/7/2024 - 5/14/2024	I-131	<4.51E-02	0.00E+00	4.51E-02
		Cs-134	<2.60E-02	0.00E+00	2.60E-02
		Cs-137	<2.22E-02	0.00E+00	2.22E-02
		Be-7	<2.32E-01	0.00E+00	2.32E-01
		K-40	9.66E-01	3.68E-01	3.11E-01
612286	5/14/2024 - 5/21/2024	I-131	<3.49E-02	0.00E+00	3.49E-02
		Cs-134	<3.26E-02	0.00E+00	3.26E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<2.21E-01	0.00E+00	2.21E-01
		K-40	6.85E-01	2.85E-01	7.73E-02
612555	5/21/2024 - 5/28/2024	I-131	<3.26E-02	0.00E+00	3.26E-02
		Cs-134	<3.00E-02	0.00E+00	3.00E-02
		Cs-137	<2.73E-02	0.00E+00	2.73E-02
		Be-7	<2.47E-01	0.00E+00	2.47E-01
		K-40	4.42E-01	3.09E-01	4.25E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	612727	Sample Dates: 5/28/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<1.75E-02	0.00E+00	1.75E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	7.25E-01	4.15E-01	5.58E-01
Sample ID:	**613560**	**Sample Dates: 6/4/2024 - 6/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	8.84E-01	3.25E-01	7.73E-02
Sample ID:	**614080**	**Sample Dates: 6/11/2024 - 6/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.62E-02	0.00E+00	5.62E-02
			Cs-134	<3.46E-02	0.00E+00	3.46E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	9.40E-01	3.35E-01	7.72E-02
Sample ID:	**614317**	**Sample Dates: 6/18/2024 - 6/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<3.63E-02	0.00E+00	3.63E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	9.25E-01	3.84E-01	3.93E-01
Sample ID:	**614488**	**Sample Dates: 6/25/2024 - 7/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<2.83E-02	0.00E+00	2.83E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	5.35E-01	3.34E-01	4.41E-01
Sample ID:	**614698**	**Sample Dates: 7/2/2024 - 7/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<3.63E-02	0.00E+00	3.63E-02
			Cs-137	<2.24E-02	0.00E+00	2.24E-02
			Be-7	<1.83E-01	0.00E+00	1.83E-01
			K-40	8.32E-01	3.44E-01	3.03E-01
Sample ID:	**615093**	**Sample Dates: 7/9/2024 - 7/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.85E-02	0.00E+00	3.85E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	6.44E-01	2.94E-01	2.46E-01
Sample ID:	**615906**	**Sample Dates: 7/16/2024 - 7/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.58E-02	0.00E+00	3.58E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<3.62E-02	0.00E+00	3.62E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	6.42E-01	2.98E-01	2.65E-01
Sample ID:	**616369**	**Sample Dates: 7/23/2024 - 7/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<2.00E-02	0.00E+00	2.00E-02
			Cs-137	<3.07E-02	0.00E+00	3.07E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	8.22E-01	3.12E-01	7.68E-02
Sample ID:	**616637**	**Sample Dates: 7/30/2024 - 8/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.56E-02	0.00E+00	3.56E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	616637	Sample Dates: 7/30/2024 - 8/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	5.62E-01	2.75E-01	2.39E-01
Sample ID:	**617035**	**Sample Dates: 8/6/2024 - 8/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.09E-02	0.00E+00	4.09E-02
			Cs-134	<2.03E-02	0.00E+00	2.03E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	<6.60E-01	0.00E+00	6.60E-01
Sample ID:	**617521**	**Sample Dates: 8/13/2024 - 8/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.08E-02	0.00E+00	3.08E-02
			Be-7	<2.34E-01	0.00E+00	2.34E-01
			K-40	<6.70E-01	0.00E+00	6.70E-01
Sample ID:	**618014**	**Sample Dates: 8/20/2024 - 8/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.57E-02	0.00E+00	3.57E-02
			Cs-134	<3.76E-02	0.00E+00	3.76E-02
			Cs-137	<3.08E-02	0.00E+00	3.08E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	5.87E-01	3.12E-01	3.56E-01
Sample ID:	**618195**	**Sample Dates: 8/27/2024 - 9/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.24E-02	0.00E+00	3.24E-02
			Cs-134	<2.28E-02	0.00E+00	2.28E-02
			Cs-137	<3.05E-02	0.00E+00	3.05E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	5.34E-01	3.16E-01	4.18E-01
Sample ID:	**618424**	**Sample Dates: 9/4/2024 - 9/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<3.33E-02	0.00E+00	3.33E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<3.02E-01	0.00E+00	3.02E-01
			K-40	9.20E-01	3.82E-01	3.08E-01
Sample ID:	**619499**	**Sample Dates: 9/10/2024 - 9/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.70E-02	0.00E+00	3.70E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<2.16E-01	0.00E+00	2.16E-01
			K-40	6.03E-01	3.25E-01	3.84E-01
Sample ID:	**619780**	**Sample Dates: 9/17/2024 - 9/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.19E-02	0.00E+00	4.19E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	7.62E-01	3.50E-01	3.71E-01
Sample ID:	**620164**	**Sample Dates: 9/24/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.76E-02	0.00E+00	3.76E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	4.84E-01	2.38E-01	7.72E-02
Sample ID:	**620361**	**Sample Dates: 10/1/2024 - 10/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.46E-02	0.00E+00	4.46E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	6.29E-01	3.16E-01	3.41E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	620669	Sample Dates: 10/8/2024 - 10/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.62E-02	0.00E+00	4.62E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.74E-01	0.00E+00	2.74E-01
			K-40	6.88E-01	3.57E-01	4.31E-01
Sample ID:	**621241**	**Sample Dates: 10/15/2024 - 10/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.46E-02	0.00E+00	2.46E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	5.33E-01	3.16E-01	3.96E-01
Sample ID:	**621636**	**Sample Dates: 10/22/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.40E-02	0.00E+00	4.40E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	7.72E-01	3.63E-01	4.06E-01
Sample ID:	**621985**	**Sample Dates: 10/29/2024 - 11/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.67E-02	0.00E+00	4.67E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	8.53E-01	3.19E-01	7.71E-02
Sample ID:	**622253**	**Sample Dates: 11/5/2024 - 11/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	7.48E-01	3.26E-01	2.94E-01
Sample ID:	**622618**	**Sample Dates: 11/12/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.08E-02	0.00E+00	4.08E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.02E-01	0.00E+00	2.02E-01
			K-40	9.71E-01	3.67E-01	3.01E-01
Sample ID:	**622899**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.65E-02	0.00E+00	4.65E-02
			Cs-134	<3.46E-02	0.00E+00	3.46E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	6.90E-01	3.74E-01	4.74E-01
Sample ID:	**623222**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.60E-02	0.00E+00	3.60E-02
			Cs-134	<2.80E-02	0.00E+00	2.80E-02
			Cs-137	<2.74E-02	0.00E+00	2.74E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	6.48E-01	3.05E-01	2.96E-01
Sample ID:	**624055**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.59E-02	0.00E+00	3.59E-02
			Cs-134	<2.65E-02	0.00E+00	2.65E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	<6.83E-01	0.00E+00	6.83E-01
Sample ID:	**624589**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.13E-02	0.00E+00	2.13E-02
			Cs-134	<2.70E-02	0.00E+00	2.70E-02
			Cs-137	<2.19E-02	0.00E+00	2.19E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID: 624589 **Sample Dates: 12/10/2024 - 12/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<1.56E-01	0.00E+00	1.56E-01
K-40	4.66E-01	2.47E-01	2.74E-01

Sample ID: 624797 **Sample Dates: 12/17/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.27E-02	0.00E+00	6.27E-02
Cs-134	<3.83E-02	0.00E+00	3.83E-02
Cs-137	<3.06E-02	0.00E+00	3.06E-02
Be-7	<2.30E-01	0.00E+00	2.30E-01
K-40	6.14E-01	3.55E-01	4.28E-01

Sample ID: 625011 **Sample Dates: 12/23/2024 - 12/31/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.36E-02	0.00E+00	4.36E-02
Cs-134	<1.77E-02	0.00E+00	1.77E-02
Cs-137	<2.45E-02	0.00E+00	2.45E-02
Be-7	<1.98E-01	0.00E+00	1.98E-01
K-40	8.14E-01	3.55E-01	3.99E-01

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID: 602945 **Sample Dates: 1/3/2024 - 1/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.74E-02	0.00E+00	3.74E-02
Cs-134	<4.52E-02	0.00E+00	4.52E-02
Cs-137	<3.87E-02	0.00E+00	3.87E-02
Be-7	<2.97E-01	0.00E+00	2.97E-01
K-40	6.77E-01	4.15E-01	5.49E-01

Sample ID: 603850 **Sample Dates: 1/9/2024 - 1/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.92E-02	0.00E+00	2.92E-02
Cs-134	<1.74E-02	0.00E+00	1.74E-02
Cs-137	<2.10E-02	0.00E+00	2.10E-02
Be-7	<2.00E-01	0.00E+00	2.00E-01
K-40	5.21E-01	2.58E-01	2.58E-01

Sample ID: 603965 **Sample Dates: 1/17/2024 - 1/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.06E-02	0.00E+00	5.06E-02
Cs-134	<3.82E-02	0.00E+00	3.82E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.58E-01	0.00E+00	2.58E-01
K-40	6.89E-01	4.05E-01	5.23E-01

Sample ID: 604211 **Sample Dates: 1/23/2024 - 1/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.21E-02	0.00E+00	4.21E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.56E-01	0.00E+00	2.56E-01
K-40	6.84E-01	3.18E-01	3.11E-01

Sample ID: 604526 **Sample Dates: 1/30/2024 - 2/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.80E-02	0.00E+00	3.80E-02
Cs-134	<3.04E-02	0.00E+00	3.04E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.35E-01	0.00E+00	2.35E-01
K-40	5.85E-01	2.81E-01	2.47E-01

Sample ID: 604806 **Sample Dates: 2/6/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.81E-02	0.00E+00	3.81E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.57E-01	0.00E+00	2.57E-01
K-40	6.01E-01	3.32E-01	4.05E-01

Sample ID: 605134 **Sample Dates: 2/13/2024 - 2/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.47E-02	0.00E+00	4.47E-02
Cs-134	<3.08E-02	0.00E+00	3.08E-02
Cs-137	<2.45E-02	0.00E+00	2.45E-02
Be-7	<2.22E-01	0.00E+00	2.22E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	605134	Sample Dates: 2/13/2024 - 2/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	8.70E-01	3.74E-01	3.87E-01
Sample ID:	**606258**	**Sample Dates: 2/20/2024 - 2/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.07E-02	0.00E+00	4.07E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	7.77E-01	3.55E-01	3.80E-01
Sample ID:	**607140**	**Sample Dates: 2/27/2024 - 3/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<3.24E-02	0.00E+00	3.24E-02
			Cs-137	<3.22E-02	0.00E+00	3.22E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	7.13E-01	3.19E-01	2.96E-01
Sample ID:	**607672**	**Sample Dates: 3/5/2024 - 3/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.15E-02	0.00E+00	4.15E-02
			Cs-134	<3.24E-02	0.00E+00	3.24E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	6.09E-01	3.24E-01	3.77E-01
Sample ID:	**608910**	**Sample Dates: 3/12/2024 - 3/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.80E-02	0.00E+00	2.80E-02
			Cs-134	<2.35E-02	0.00E+00	2.35E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	<6.76E-01	0.00E+00	6.76E-01
Sample ID:	**609323**	**Sample Dates: 3/19/2024 - 3/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.69E-02	0.00E+00	3.69E-02
			Cs-134	<3.59E-02	0.00E+00	3.59E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<1.80E-01	0.00E+00	1.80E-01
			K-40	7.14E-01	3.18E-01	2.91E-01
Sample ID:	**609513**	**Sample Dates: 3/26/2024 - 4/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.87E-02	0.00E+00	2.87E-02
			Cs-134	<2.17E-02	0.00E+00	2.17E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<1.50E-01	0.00E+00	1.50E-01
			K-40	<5.94E-01	0.00E+00	5.94E-01
Sample ID:	**609949**	**Sample Dates: 4/2/2024 - 4/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.41E-02	0.00E+00	4.41E-02
			Cs-134	<1.99E-02	0.00E+00	1.99E-02
			Cs-137	<2.75E-02	0.00E+00	2.75E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	9.02E-01	3.81E-01	3.99E-01
Sample ID:	**610481**	**Sample Dates: 4/9/2024 - 4/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<3.80E-02	0.00E+00	3.80E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<2.81E-01	0.00E+00	2.81E-01
			K-40	6.50E-01	3.82E-01	5.10E-01
Sample ID:	**611021**	**Sample Dates: 4/16/2024 - 4/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.42E-02	0.00E+00	5.42E-02
			Cs-134	<3.63E-02	0.00E+00	3.63E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	5.51E-01	2.84E-01	2.84E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	611192	Sample Dates: 4/23/2024 - 4/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.56E-02	0.00E+00	3.56E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.51E-01	0.00E+00	2.51E-01
			K-40	5.27E-01	3.23E-01	4.16E-01
Sample ID:	**611530**	**Sample Dates: 4/30/2024 - 5/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<2.28E-02	0.00E+00	2.28E-02
			Cs-137	<3.22E-02	0.00E+00	3.22E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	<8.49E-01	0.00E+00	8.49E-01
Sample ID:	**611777**	**Sample Dates: 5/7/2024 - 5/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.81E-02	0.00E+00	4.81E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	7.26E-01	3.44E-01	3.75E-01
Sample ID:	**612287**	**Sample Dates: 5/14/2024 - 5/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.34E-02	0.00E+00	4.34E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	6.17E-01	2.89E-01	2.50E-01
Sample ID:	**612556**	**Sample Dates: 5/21/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.76E-02	0.00E+00	3.76E-02
			Cs-134	<2.79E-02	0.00E+00	2.79E-02
			Cs-137	<2.73E-02	0.00E+00	2.73E-02
			Be-7	<1.98E-01	0.00E+00	1.98E-01
			K-40	7.73E-01	3.43E-01	3.50E-01
Sample ID:	**612728**	**Sample Dates: 5/28/2024 - 6/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.99E-02	0.00E+00	2.99E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	4.39E-01	2.99E-01	3.97E-01
Sample ID:	**613561**	**Sample Dates: 6/4/2024 - 6/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.87E-02	0.00E+00	5.87E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	5.80E-01	3.20E-01	3.81E-01
Sample ID:	**614081**	**Sample Dates: 6/11/2024 - 6/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.10E-02	0.00E+00	6.10E-02
			Cs-134	<3.21E-02	0.00E+00	3.21E-02
			Cs-137	<2.51E-02	0.00E+00	2.51E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	5.62E-01	2.99E-01	3.73E-01
Sample ID:	**614318**	**Sample Dates: 6/18/2024 - 6/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.49E-02	0.00E+00	3.49E-02
			Cs-134	<3.80E-02	0.00E+00	3.80E-02
			Cs-137	<2.01E-02	0.00E+00	2.01E-02
			Be-7	<2.38E-01	0.00E+00	2.38E-01
			K-40	8.88E-01	3.27E-01	7.77E-02
Sample ID:	**614489**	**Sample Dates: 6/25/2024 - 7/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.45E-02	0.00E+00	3.45E-02
			Cs-134	<2.59E-02	0.00E+00	2.59E-02
			Cs-137	<3.21E-02	0.00E+00	3.21E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	614489	Sample Dates: 6/25/2024 - 7/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	6.75E-01	3.51E-01	4.22E-01
Sample ID:	**614699**	**Sample Dates: 7/2/2024 - 7/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	5.44E-01	2.90E-01	3.09E-01
Sample ID:	**615094**	**Sample Dates: 7/9/2024 - 7/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.94E-02	0.00E+00	3.94E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<1.82E-01	0.00E+00	1.82E-01
			K-40	6.07E-01	3.24E-01	3.79E-01
Sample ID:	**615907**	**Sample Dates: 7/16/2024 - 7/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.18E-02	0.00E+00	5.18E-02
			Cs-134	<3.69E-02	0.00E+00	3.69E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.86E-01	0.00E+00	2.86E-01
			K-40	7.54E-01	3.82E-01	4.35E-01
Sample ID:	**616370**	**Sample Dates: 7/23/2024 - 7/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.28E-02	0.00E+00	4.28E-02
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	8.51E-01	3.18E-01	7.68E-02
Sample ID:	**616638**	**Sample Dates: 7/30/2024 - 8/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.30E-02	0.00E+00	4.30E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	6.26E-01	3.05E-01	3.07E-01
Sample ID:	**617036**	**Sample Dates: 8/6/2024 - 8/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.59E-02	0.00E+00	3.59E-02
			Cs-134	<2.35E-02	0.00E+00	2.35E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<1.82E-01	0.00E+00	1.82E-01
			K-40	7.46E-01	2.98E-01	7.78E-02
Sample ID:	**617522**	**Sample Dates: 8/13/2024 - 8/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.15E-02	0.00E+00	4.15E-02
			Cs-134	<3.60E-02	0.00E+00	3.60E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	8.04E-01	3.34E-01	2.86E-01
Sample ID:	**618015**	**Sample Dates: 8/20/2024 - 8/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.48E-02	0.00E+00	3.48E-02
			Cs-134	<3.24E-02	0.00E+00	3.24E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	7.08E-01	3.23E-01	3.14E-01
Sample ID:	**618196**	**Sample Dates: 8/27/2024 - 9/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.43E-02	0.00E+00	3.43E-02
			Cs-134	<2.48E-02	0.00E+00	2.48E-02
			Cs-137	<2.70E-02	0.00E+00	2.70E-02
			Be-7	<2.02E-01	0.00E+00	2.02E-01
			K-40	5.95E-01	3.17E-01	3.92E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	618425	Sample Dates: 9/4/2024 - 9/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.35E-02	0.00E+00	4.35E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<3.07E-02	0.00E+00	3.07E-02
			Be-7	<2.67E-01	0.00E+00	2.67E-01
			K-40	1.18E+00	4.38E-01	3.55E-01
Sample ID:	**619500**	**Sample Dates: 9/10/2024 - 9/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.87E-02	0.00E+00	3.87E-02
			Cs-134	<2.58E-02	0.00E+00	2.58E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	7.35E-01	2.94E-01	7.66E-02
Sample ID:	**619781**	**Sample Dates: 9/17/2024 - 9/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.03E-02	0.00E+00	4.03E-02
			Cs-134	<3.94E-02	0.00E+00	3.94E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.97E-01	0.00E+00	2.97E-01
			K-40	5.81E-01	2.90E-01	2.81E-01
Sample ID:	**620165**	**Sample Dates: 9/24/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.77E-02	0.00E+00	3.77E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.66E-01	0.00E+00	2.66E-01
			K-40	7.28E-01	3.39E-01	3.56E-01
Sample ID:	**620362**	**Sample Dates: 10/1/2024 - 10/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	4.75E-01	2.92E-01	3.60E-01
Sample ID:	**620670**	**Sample Dates: 10/8/2024 - 10/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.03E-02	0.00E+00	4.03E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<3.10E-02	0.00E+00	3.10E-02
			Be-7	<2.74E-01	0.00E+00	2.74E-01
			K-40	6.96E-01	3.42E-01	3.82E-01
Sample ID:	**621242**	**Sample Dates: 10/15/2024 - 10/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.29E-02	0.00E+00	3.29E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<1.71E-02	0.00E+00	1.71E-02
			Be-7	<2.25E-01	0.00E+00	2.25E-01
			K-40	8.40E-01	3.58E-01	3.55E-01
Sample ID:	**621637**	**Sample Dates: 10/22/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.24E-02	0.00E+00	4.24E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<1.83E-01	0.00E+00	1.83E-01
			K-40	9.50E-01	3.61E-01	2.86E-01
Sample ID:	**621986**	**Sample Dates: 10/29/2024 - 11/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.87E-02	0.00E+00	3.87E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	<6.07E-01	0.00E+00	6.07E-01
Sample ID:	**622254**	**Sample Dates: 11/5/2024 - 11/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.27E-02	0.00E+00	4.27E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	622254	Sample Dates: 11/5/2024 - 11/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.01E-01	0.00E+00	2.01E-01
			K-40	3.91E-01	2.74E-01	3.61E-01
Sample ID:	**622619**	**Sample Dates: 11/12/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.89E-02	0.00E+00	2.89E-02
			Cs-134	<3.77E-02	0.00E+00	3.77E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	<8.28E-01	0.00E+00	8.28E-01
Sample ID:	**622900**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.30E-02	0.00E+00	4.30E-02
			Cs-134	<2.03E-02	0.00E+00	2.03E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<2.18E-01	0.00E+00	2.18E-01
			K-40	4.14E-01	3.14E-01	4.46E-01
Sample ID:	**623223**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.69E-02	0.00E+00	3.69E-02
			Cs-134	<2.79E-02	0.00E+00	2.79E-02
			Cs-137	<2.57E-02	0.00E+00	2.57E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	7.66E-01	3.50E-01	3.74E-01
Sample ID:	**624056**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.87E-02	0.00E+00	3.87E-02
			Cs-134	<3.50E-02	0.00E+00	3.50E-02
			Cs-137	<2.48E-02	0.00E+00	2.48E-02
			Be-7	<2.75E-01	0.00E+00	2.75E-01
			K-40	6.39E-01	2.77E-01	7.87E-02
Sample ID:	**624590**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.76E-02	0.00E+00	2.76E-02
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<1.53E-02	0.00E+00	1.53E-02
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	5.39E-01	2.34E-01	6.64E-02
Sample ID:	**624798**	**Sample Dates: 12/17/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.24E-02	0.00E+00	6.24E-02
			Cs-134	<2.72E-02	0.00E+00	2.72E-02
			Cs-137	<2.49E-02	0.00E+00	2.49E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	1.27E+00	3.48E-01	2.30E-01
Sample ID:	**625012**	**Sample Dates: 12/23/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.10E-02	0.00E+00	4.10E-02
			Cs-134	<2.69E-02	0.00E+00	2.69E-02
			Cs-137	<1.76E-02	0.00E+00	1.76E-02
			Be-7	<1.98E-01	0.00E+00	1.98E-01
			K-40	6.77E-01	3.18E-01	3.55E-01

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	602946	Sample Dates: 1/3/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.87E-02	0.00E+00	3.87E-02
			Cs-134	<3.88E-02	0.00E+00	3.88E-02
			Cs-137	<3.32E-02	0.00E+00	3.32E-02
			Be-7	<2.78E-01	0.00E+00	2.78E-01
			K-40	8.84E-01	4.26E-01	4.83E-01
Sample ID:	**603851**	**Sample Dates: 1/9/2024 - 1/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.63E-02	0.00E+00	3.63E-02
			Cs-134	<2.25E-02	0.00E+00	2.25E-02
			Cs-137	<2.41E-02	0.00E+00	2.41E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	603851	Sample Dates: 1/9/2024 - 1/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	7.36E-01	3.04E-01	2.78E-01
Sample ID:	**603966**	**Sample Dates: 1/17/2024 - 1/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.71E-02	0.00E+00	5.71E-02
			Cs-134	<4.84E-02	0.00E+00	4.84E-02
			Cs-137	<3.51E-02	0.00E+00	3.51E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	8.40E-01	3.64E-01	1.04E-01
Sample ID:	**604212**	**Sample Dates: 1/23/2024 - 1/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.48E-02	0.00E+00	4.48E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	<7.33E-01	0.00E+00	7.33E-01
Sample ID:	**604527**	**Sample Dates: 1/30/2024 - 2/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.08E-02	0.00E+00	3.08E-02
			Cs-134	<3.29E-02	0.00E+00	3.29E-02
			Cs-137	<3.65E-02	0.00E+00	3.65E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	4.98E-01	3.43E-01	4.78E-01
Sample ID:	**604807**	**Sample Dates: 2/6/2024 - 2/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.36E-02	0.00E+00	3.36E-02
			Cs-134	<2.83E-02	0.00E+00	2.83E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.63E-01	0.00E+00	2.63E-01
			K-40	8.93E-01	3.47E-01	2.69E-01
Sample ID:	**605135**	**Sample Dates: 2/13/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.50E-02	0.00E+00	4.50E-02
			Cs-134	<2.87E-02	0.00E+00	2.87E-02
			Cs-137	<3.52E-02	0.00E+00	3.52E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	1.06E+00	3.60E-01	7.79E-02
Sample ID:	**606259**	**Sample Dates: 2/20/2024 - 2/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.17E-02	0.00E+00	4.17E-02
			Cs-134	<3.43E-02	0.00E+00	3.43E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	9.67E-01	3.40E-01	7.70E-02
Sample ID:	**607141**	**Sample Dates: 2/27/2024 - 3/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.89E-02	0.00E+00	3.89E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	6.64E-01	3.35E-01	3.81E-01
Sample ID:	**607673**	**Sample Dates: 3/5/2024 - 3/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<3.34E-02	0.00E+00	3.34E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	8.49E-01	3.17E-01	7.67E-02
Sample ID:	**608911**	**Sample Dates: 3/12/2024 - 3/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.26E-02	0.00E+00	4.26E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	<6.45E-01	0.00E+00	6.45E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	609324	Sample Dates: 3/19/2024 - 3/26/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.87E-02	0.00E+00	3.87E-02
			Cs-134	<3.91E-02	0.00E+00	3.91E-02
			Cs-137	<3.07E-02	0.00E+00	3.07E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	7.40E-01	3.78E-01	4.66E-01
Sample ID:	**609514**	**Sample Dates: 3/26/2024 - 4/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.11E-02	0.00E+00	3.11E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.47E-02	0.00E+00	2.47E-02
			Be-7	<1.91E-01	0.00E+00	1.91E-01
			K-40	<6.29E-01	0.00E+00	6.29E-01
Sample ID:	**609950**	**Sample Dates: 4/2/2024 - 4/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.32E-02	0.00E+00	4.32E-02
			Cs-134	<3.02E-02	0.00E+00	3.02E-02
			Cs-137	<1.70E-02	0.00E+00	1.70E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	7.58E-01	4.12E-01	5.45E-01
Sample ID:	**610482**	**Sample Dates: 4/9/2024 - 4/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.71E-02	0.00E+00	3.71E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<1.96E-02	0.00E+00	1.96E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	<8.34E-01	0.00E+00	8.34E-01
Sample ID:	**611022**	**Sample Dates: 4/16/2024 - 4/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.86E-02	0.00E+00	4.86E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<3.76E-02	0.00E+00	3.76E-02
			Be-7	<2.34E-01	0.00E+00	2.34E-01
			K-40	5.59E-01	3.58E-01	4.88E-01
Sample ID:	**611193**	**Sample Dates: 4/23/2024 - 4/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.75E-02	0.00E+00	3.75E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	<8.17E-01	0.00E+00	8.17E-01
Sample ID:	**611531**	**Sample Dates: 4/30/2024 - 5/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	<6.85E-01	0.00E+00	6.85E-01
Sample ID:	**611778**	**Sample Dates: 5/7/2024 - 5/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.82E-02	0.00E+00	4.82E-02
			Cs-134	<3.77E-02	0.00E+00	3.77E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.14E-01	0.00E+00	2.14E-01
			K-40	7.48E-01	3.50E-01	3.81E-01
Sample ID:	**612288**	**Sample Dates: 5/14/2024 - 5/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.01E-02	0.00E+00	4.01E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	4.63E-01	3.32E-01	4.68E-01
Sample ID:	**612557**	**Sample Dates: 5/21/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.40E-02	0.00E+00	3.40E-02
			Cs-134	<2.79E-02	0.00E+00	2.79E-02
			Cs-137	<2.57E-02	0.00E+00	2.57E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	612557	Sample Dates: 5/21/2024 - 5/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	6.22E-01	3.41E-01	4.21E-01
Sample ID:	612729	Sample Dates: 5/28/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.33E-02	0.00E+00	3.33E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<3.15E-02	0.00E+00	3.15E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	5.80E-01	3.45E-01	4.46E-01
Sample ID:	613562	Sample Dates: 6/4/2024 - 6/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.70E-02	0.00E+00	3.70E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.23E-01	0.00E+00	2.23E-01
			K-40	7.97E-01	3.08E-01	7.71E-02
Sample ID:	614082	Sample Dates: 6/11/2024 - 6/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.39E-02	0.00E+00	5.39E-02
			Cs-134	<3.59E-02	0.00E+00	3.59E-02
			Cs-137	<3.05E-02	0.00E+00	3.05E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	6.70E-01	3.18E-01	3.24E-01
Sample ID:	614319	Sample Dates: 6/18/2024 - 6/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.53E-02	0.00E+00	3.53E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<1.75E-02	0.00E+00	1.75E-02
			Be-7	<1.85E-01	0.00E+00	1.85E-01
			K-40	7.31E-01	3.23E-01	2.89E-01
Sample ID:	614490	Sample Dates: 6/25/2024 - 7/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.51E-02	0.00E+00	3.51E-02
			Cs-134	<2.56E-02	0.00E+00	2.56E-02
			Cs-137	<2.39E-02	0.00E+00	2.39E-02
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	<6.60E-01	0.00E+00	6.60E-01
Sample ID:	614700	Sample Dates: 7/2/2024 - 7/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.86E-02	0.00E+00	3.86E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<2.26E-02	0.00E+00	2.26E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	<7.12E-01	0.00E+00	7.12E-01
Sample ID:	615095	Sample Dates: 7/9/2024 - 7/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.70E-02	0.00E+00	3.70E-02
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<2.89E-02	0.00E+00	2.89E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	7.00E-01	2.85E-01	7.58E-02
Sample ID:	615908	Sample Dates: 7/16/2024 - 7/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.22E-02	0.00E+00	4.22E-02
			Cs-134	<3.50E-02	0.00E+00	3.50E-02
			Cs-137	<2.84E-02	0.00E+00	2.84E-02
			Be-7	<1.96E-01	0.00E+00	1.96E-01
			K-40	8.11E-01	3.69E-01	4.00E-01
Sample ID:	616371	Sample Dates: 7/23/2024 - 7/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.49E-02	0.00E+00	4.49E-02
			Cs-134	<3.39E-02	0.00E+00	3.39E-02
			Cs-137	<2.20E-02	0.00E+00	2.20E-02
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	2.87E-01	2.37E-01	3.27E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	616639	Sample Dates: 7/30/2024 - 8/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.05E-02	0.00E+00	3.05E-02
			Cs-134	<2.36E-02	0.00E+00	2.36E-02
			Cs-137	<3.27E-02	0.00E+00	3.27E-02
			Be-7	<2.14E-01	0.00E+00	2.14E-01
			K-40	6.46E-01	3.51E-01	4.32E-01
Sample ID:	**617037**	**Sample Dates: 8/6/2024 - 8/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.63E-02	0.00E+00	3.63E-02
			Cs-134	<2.58E-02	0.00E+00	2.58E-02
			Cs-137	<3.70E-02	0.00E+00	3.70E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	7.45E-01	3.48E-01	3.78E-01
Sample ID:	**617523**	**Sample Dates: 8/13/2024 - 8/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	8.62E-01	3.78E-01	4.06E-01
Sample ID:	**618016**	**Sample Dates: 8/20/2024 - 8/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<3.24E-02	0.00E+00	3.24E-02
			Cs-137	<3.72E-02	0.00E+00	3.72E-02
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	7.99E-01	3.45E-01	3.33E-01
Sample ID:	**618197**	**Sample Dates: 8/27/2024 - 9/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.74E-02	0.00E+00	3.74E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	<5.75E-01	0.00E+00	5.75E-01
Sample ID:	**618426**	**Sample Dates: 9/4/2024 - 9/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.22E-02	0.00E+00	6.22E-02
			Cs-134	<2.36E-02	0.00E+00	2.36E-02
			Cs-137	<2.18E-02	0.00E+00	2.18E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	8.87E-01	3.04E-01	3.41E-01
Sample ID:	**619501**	**Sample Dates: 9/10/2024 - 9/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.28E-02	0.00E+00	4.28E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.21E-02	0.00E+00	2.21E-02
			Be-7	<2.99E-01	0.00E+00	2.99E-01
			K-40	4.77E-01	3.19E-01	4.32E-01
Sample ID:	**619782**	**Sample Dates: 9/17/2024 - 9/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.43E-02	0.00E+00	3.43E-02
			Cs-134	<3.63E-02	0.00E+00	3.63E-02
			Cs-137	<2.01E-02	0.00E+00	2.01E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	<6.12E-01	0.00E+00	6.12E-01
Sample ID:	**620166**	**Sample Dates: 9/24/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.09E-02	0.00E+00	4.09E-02
			Cs-134	<3.14E-02	0.00E+00	3.14E-02
			Cs-137	<3.17E-02	0.00E+00	3.17E-02
			Be-7	<2.26E-01	0.00E+00	2.26E-01
			K-40	7.84E-01	3.82E-01	4.48E-01
Sample ID:	**620363**	**Sample Dates: 10/1/2024 - 10/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.06E-02	0.00E+00	4.06E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	620363	Sample Dates: 10/1/2024 - 10/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	7.80E-01	3.27E-01	2.74E-01
Sample ID:	**620671**	**Sample Dates: 10/8/2024 - 10/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.80E-02	0.00E+00	4.80E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.45E-01	0.00E+00	2.45E-01
			K-40	1.03E+00	3.52E-01	7.73E-02
Sample ID:	**621243**	**Sample Dates: 10/15/2024 - 10/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	6.83E-01	2.84E-01	7.72E-02
Sample ID:	**621638**	**Sample Dates: 10/22/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.47E-02	0.00E+00	3.47E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<1.71E-01	0.00E+00	1.71E-01
			K-40	6.98E-01	3.63E-01	4.43E-01
Sample ID:	**621987**	**Sample Dates: 10/29/2024 - 11/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.88E-02	0.00E+00	4.88E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.74E-01	0.00E+00	2.74E-01
			K-40	6.38E-01	3.66E-01	4.75E-01
Sample ID:	**622255**	**Sample Dates: 11/5/2024 - 11/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.61E-02	0.00E+00	3.61E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	7.12E-01	2.90E-01	7.72E-02
Sample ID:	**622620**	**Sample Dates: 11/12/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.10E-02	0.00E+00	4.10E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	6.26E-01	2.72E-01	7.72E-02
Sample ID:	**622901**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.45E-02	0.00E+00	4.45E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<3.10E-02	0.00E+00	3.10E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	6.78E-01	3.60E-01	4.42E-01
Sample ID:	**623224**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.84E-02	0.00E+00	3.84E-02
			Cs-134	<1.58E-02	0.00E+00	1.58E-02
			Cs-137	<2.21E-02	0.00E+00	2.21E-02
			Be-7	<2.70E-01	0.00E+00	2.70E-01
			K-40	5.74E-01	3.16E-01	3.77E-01
Sample ID:	**624057**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.77E-02	0.00E+00	3.77E-02
			Cs-134	<3.65E-02	0.00E+00	3.65E-02
			Cs-137	<2.81E-02	0.00E+00	2.81E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	8.35E-01	3.17E-01	7.80E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	624591	Sample Dates: 12/10/2024 - 12/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<2.36E-02	0.00E+00	2.36E-02
			Cs-134	<1.84E-02	0.00E+00	1.84E-02
			Cs-137	<1.26E-02	0.00E+00	1.26E-02
			Be-7	<1.50E-01	0.00E+00	1.50E-01
			K-40	<5.30E-01	0.00E+00	5.30E-01
Sample ID:	**624799**	**Sample Dates: 12/17/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.96E-02	0.00E+00	5.96E-02
			Cs-134	<2.17E-02	0.00E+00	2.17E-02
			Cs-137	<2.84E-02	0.00E+00	2.84E-02
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	6.94E-01	2.94E-01	3.09E-01
Sample ID:	**625013**	**Sample Dates: 12/23/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<2.06E-02	0.00E+00	2.06E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	4.92E-01	2.75E-01	3.26E-01

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	602947	Sample Dates: 1/3/2024 - 1/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.21E-02	0.00E+00	4.21E-02
			Cs-134	<4.54E-02	0.00E+00	4.54E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<2.51E-01	0.00E+00	2.51E-01
			K-40	8.08E-01	4.37E-01	5.47E-01
Sample ID:	**603852**	**Sample Dates: 1/9/2024 - 1/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.26E-02	0.00E+00	3.26E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.41E-02	0.00E+00	2.41E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	5.65E-01	3.03E-01	3.70E-01
Sample ID:	**603967**	**Sample Dates: 1/17/2024 - 1/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.99E-02	0.00E+00	5.99E-02
			Cs-134	<4.42E-02	0.00E+00	4.42E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	1.10E+00	4.23E-01	3.50E-01
Sample ID:	**604213**	**Sample Dates: 1/23/2024 - 1/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.64E-02	0.00E+00	4.64E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	<6.27E-01	0.00E+00	6.27E-01
Sample ID:	**604528**	**Sample Dates: 1/30/2024 - 2/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.87E-02	0.00E+00	4.87E-02
			Cs-134	<2.32E-02	0.00E+00	2.32E-02
			Cs-137	<3.59E-02	0.00E+00	3.59E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	8.21E-01	3.12E-01	7.67E-02
Sample ID:	**604808**	**Sample Dates: 2/6/2024 - 2/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02
			Cs-137	<3.11E-02	0.00E+00	3.11E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	7.43E-01	3.32E-01	3.20E-01
Sample ID:	**605136**	**Sample Dates: 2/13/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.30E-02	0.00E+00	3.30E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
605136	2/13/2024 - 2/20/2024	Cs-134	<3.27E-02	0.00E+00	3.27E-02
		Cs-137	<2.80E-02	0.00E+00	2.80E-02
		Be-7	<1.72E-01	0.00E+00	1.72E-01
		K-40	<6.74E-01	0.00E+00	6.74E-01
606260	2/20/2024 - 2/27/2024	I-131	<3.99E-02	0.00E+00	3.99E-02
		Cs-134	<2.33E-02	0.00E+00	2.33E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<1.93E-01	0.00E+00	1.93E-01
		K-40	8.26E-01	3.14E-01	7.72E-02
607142	2/27/2024 - 3/5/2024	I-131	<4.79E-02	0.00E+00	4.79E-02
		Cs-134	<2.60E-02	0.00E+00	2.60E-02
		Cs-137	<3.60E-02	0.00E+00	3.60E-02
		Be-7	<2.67E-01	0.00E+00	2.67E-01
		K-40	<6.97E-01	0.00E+00	6.97E-01
607674	3/5/2024 - 3/12/2024	I-131	<4.16E-02	0.00E+00	4.16E-02
		Cs-134	<3.43E-02	0.00E+00	3.43E-02
		Cs-137	<2.22E-02	0.00E+00	2.22E-02
		Be-7	<2.72E-01	0.00E+00	2.72E-01
		K-40	6.91E-01	3.39E-01	3.80E-01
608912	3/12/2024 - 3/19/2024	I-131	<3.20E-02	0.00E+00	3.20E-02
		Cs-134	<2.86E-02	0.00E+00	2.86E-02
		Cs-137	<2.01E-02	0.00E+00	2.01E-02
		Be-7	<2.04E-01	0.00E+00	2.04E-01
		K-40	8.91E-01	3.82E-01	4.04E-01
609325	3/19/2024 - 3/26/2024	I-131	<3.14E-02	0.00E+00	3.14E-02
		Cs-134	<2.83E-02	0.00E+00	2.83E-02
		Cs-137	<2.94E-02	0.00E+00	2.94E-02
		Be-7	<2.82E-01	0.00E+00	2.82E-01
		K-40	7.41E-01	3.26E-01	3.03E-01
609515	3/26/2024 - 4/2/2024	I-131	<2.46E-02	0.00E+00	2.46E-02
		Cs-134	<1.96E-02	0.00E+00	1.96E-02
		Cs-137	<1.16E-02	0.00E+00	1.16E-02
		Be-7	<1.91E-01	0.00E+00	1.91E-01
		K-40	5.27E-01	2.77E-01	3.25E-01
609951	4/2/2024 - 4/9/2024	I-131	<4.23E-02	0.00E+00	4.23E-02
		Cs-134	<3.58E-02	0.00E+00	3.58E-02
		Cs-137	<2.59E-02	0.00E+00	2.59E-02
		Be-7	<1.60E-01	0.00E+00	1.60E-01
		K-40	8.70E-01	3.62E-01	3.52E-01
610483	4/9/2024 - 4/16/2024	I-131	<4.89E-02	0.00E+00	4.89E-02
		Cs-134	<2.34E-02	0.00E+00	2.34E-02
		Cs-137	<3.10E-02	0.00E+00	3.10E-02
		Be-7	<2.21E-01	0.00E+00	2.21E-01
		K-40	7.95E-01	3.45E-01	3.34E-01
611023	4/16/2024 - 4/23/2024	I-131	<3.75E-02	0.00E+00	3.75E-02
		Cs-134	<2.34E-02	0.00E+00	2.34E-02
		Cs-137	<2.24E-02	0.00E+00	2.24E-02
		Be-7	<1.75E-01	0.00E+00	1.75E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	611023	Sample Dates: 4/16/2024 - 4/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	6.41E-01	3.00E-01	2.71E-01
Sample ID:	**611194**	**Sample Dates: 4/23/2024 - 4/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.19E-02	0.00E+00	3.19E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<2.64E-02	0.00E+00	2.64E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	<7.05E-01	0.00E+00	7.05E-01
Sample ID:	**611532**	**Sample Dates: 4/30/2024 - 5/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.58E-02	0.00E+00	4.58E-02
			Cs-134	<2.59E-02	0.00E+00	2.59E-02
			Cs-137	<1.99E-02	0.00E+00	1.99E-02
			Be-7	<2.64E-01	0.00E+00	2.64E-01
			K-40	<7.24E-01	0.00E+00	7.24E-01
Sample ID:	**611779**	**Sample Dates: 5/7/2024 - 5/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.10E-02	0.00E+00	4.10E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	7.17E-01	3.18E-01	2.90E-01
Sample ID:	**612289**	**Sample Dates: 5/14/2024 - 5/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	4.18E-01	3.00E-01	4.12E-01
Sample ID:	**612558**	**Sample Dates: 5/21/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.77E-02	0.00E+00	3.77E-02
			Cs-134	<3.54E-02	0.00E+00	3.54E-02
			Cs-137	<2.73E-02	0.00E+00	2.73E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	4.00E-01	3.08E-01	4.40E-01
Sample ID:	**612730**	**Sample Dates: 5/28/2024 - 6/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.04E-02	0.00E+00	4.04E-02
			Cs-134	<3.50E-02	0.00E+00	3.50E-02
			Cs-137	<2.27E-02	0.00E+00	2.27E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	6.69E-01	3.26E-01	3.44E-01
Sample ID:	**613563**	**Sample Dates: 6/4/2024 - 6/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.93E-02	0.00E+00	4.93E-02
			Cs-134	<2.02E-02	0.00E+00	2.02E-02
			Cs-137	<3.49E-02	0.00E+00	3.49E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	6.34E-01	3.02E-01	2.87E-01
Sample ID:	**614083**	**Sample Dates: 6/11/2024 - 6/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.14E-02	0.00E+00	6.14E-02
			Cs-134	<3.63E-02	0.00E+00	3.63E-02
			Cs-137	<1.37E-02	0.00E+00	1.37E-02
			Be-7	<1.84E-01	0.00E+00	1.84E-01
			K-40	5.39E-01	3.37E-01	4.46E-01
Sample ID:	**614320**	**Sample Dates: 6/18/2024 - 6/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.27E-02	0.00E+00	3.27E-02
			Cs-134	<2.62E-02	0.00E+00	2.62E-02
			Cs-137	<2.01E-02	0.00E+00	2.01E-02
			Be-7	<1.94E-01	0.00E+00	1.94E-01
			K-40	7.16E-01	3.31E-01	3.36E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
614491	6/25/2024 - 7/2/2024	I-131	<4.21E-02	0.00E+00	4.21E-02
		Cs-134	<2.82E-02	0.00E+00	2.82E-02
		Cs-137	<2.42E-02	0.00E+00	2.42E-02
		Be-7	<1.90E-01	0.00E+00	1.90E-01
		K-40	5.16E-01	2.77E-01	2.89E-01
614701	7/2/2024 - 7/9/2024	I-131	<4.09E-02	0.00E+00	4.09E-02
		Cs-134	<2.34E-02	0.00E+00	2.34E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<2.67E-01	0.00E+00	2.67E-01
		K-40	<8.06E-01	0.00E+00	8.06E-01
615096	7/9/2024 - 7/16/2024	I-131	<3.58E-02	0.00E+00	3.58E-02
		Cs-134	<1.60E-02	0.00E+00	1.60E-02
		Cs-137	<3.23E-02	0.00E+00	3.23E-02
		Be-7	<2.66E-01	0.00E+00	2.66E-01
		K-40	6.32E-01	3.62E-01	4.69E-01
615909	7/16/2024 - 7/23/2024	I-131	<4.16E-02	0.00E+00	4.16E-02
		Cs-134	<3.06E-02	0.00E+00	3.06E-02
		Cs-137	<2.23E-02	0.00E+00	2.23E-02
		Be-7	<2.37E-01	0.00E+00	2.37E-01
		K-40	5.14E-01	2.46E-01	7.73E-02
616372	7/23/2024 - 7/30/2024	I-131	<4.30E-02	0.00E+00	4.30E-02
		Cs-134	<3.43E-02	0.00E+00	3.43E-02
		Cs-137	<2.93E-02	0.00E+00	2.93E-02
		Be-7	<2.44E-01	0.00E+00	2.44E-01
		K-40	<7.52E-01	0.00E+00	7.52E-01
616640	7/30/2024 - 8/6/2024	I-131	<4.04E-02	0.00E+00	4.04E-02
		Cs-134	<2.59E-02	0.00E+00	2.59E-02
		Cs-137	<2.60E-02	0.00E+00	2.60E-02
		Be-7	<2.27E-01	0.00E+00	2.27E-01
		K-40	7.37E-01	2.95E-01	7.68E-02
617038	8/6/2024 - 8/13/2024	I-131	<4.11E-02	0.00E+00	4.11E-02
		Cs-134	<2.03E-02	0.00E+00	2.03E-02
		Cs-137	<2.97E-02	0.00E+00	2.97E-02
		Be-7	<2.20E-01	0.00E+00	2.20E-01
		K-40	8.91E-01	3.28E-01	7.79E-02
617524	8/13/2024 - 8/20/2024	I-131	<3.67E-02	0.00E+00	3.67E-02
		Cs-134	<2.33E-02	0.00E+00	2.33E-02
		Cs-137	<2.22E-02	0.00E+00	2.22E-02
		Be-7	<2.63E-01	0.00E+00	2.63E-01
		K-40	4.97E-01	3.09E-01	3.94E-01
618017	8/20/2024 - 8/27/2024	I-131	<4.24E-02	0.00E+00	4.24E-02
		Cs-134	<4.20E-02	0.00E+00	4.20E-02
		Cs-137	<2.42E-02	0.00E+00	2.42E-02
		Be-7	<2.18E-01	0.00E+00	2.18E-01
		K-40	6.17E-01	3.47E-01	4.37E-01
618198	8/27/2024 - 9/4/2024	I-131	<4.30E-02	0.00E+00	4.30E-02
		Cs-134	<2.87E-02	0.00E+00	2.87E-02
		Cs-137	<2.59E-02	0.00E+00	2.59E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	618198	Sample Dates: 8/27/2024 - 9/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<1.80E-01	0.00E+00	1.80E-01
			K-40	6.53E-01	2.61E-01	6.81E-02
Sample ID:	**618427**	**Sample Dates: 9/4/2024 - 9/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.49E-02	0.00E+00	4.49E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<3.65E-02	0.00E+00	3.65E-02
			Be-7	<3.12E-01	0.00E+00	3.12E-01
			K-40	1.10E+00	4.43E-01	4.23E-01
Sample ID:	**619502**	**Sample Dates: 9/10/2024 - 9/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.19E-02	0.00E+00	4.19E-02
			Cs-134	<2.00E-02	0.00E+00	2.00E-02
			Cs-137	<1.71E-02	0.00E+00	1.71E-02
			Be-7	<1.89E-01	0.00E+00	1.89E-01
			K-40	<7.35E-01	0.00E+00	7.35E-01
Sample ID:	**619783**	**Sample Dates: 9/17/2024 - 9/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.20E-02	0.00E+00	3.20E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	6.01E-01	3.45E-01	4.39E-01
Sample ID:	**620167**	**Sample Dates: 9/24/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.71E-02	0.00E+00	5.71E-02
			Cs-134	<3.60E-02	0.00E+00	3.60E-02
			Cs-137	<4.65E-02	0.00E+00	4.65E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	<9.67E-01	0.00E+00	9.67E-01
Sample ID:	**620364**	**Sample Dates: 10/1/2024 - 10/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.81E-02	0.00E+00	4.81E-02
			Cs-134	<3.47E-02	0.00E+00	3.47E-02
			Cs-137	<2.64E-02	0.00E+00	2.64E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	8.90E-01	3.27E-01	7.78E-02
Sample ID:	**620672**	**Sample Dates: 10/8/2024 - 10/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.54E-02	0.00E+00	3.54E-02
			Cs-134	<3.63E-02	0.00E+00	3.63E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	9.44E-01	3.37E-01	7.75E-02
Sample ID:	**621244**	**Sample Dates: 10/15/2024 - 10/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.85E-02	0.00E+00	3.85E-02
			Cs-134	<1.58E-02	0.00E+00	1.58E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	5.49E-01	2.92E-01	3.17E-01
Sample ID:	**621639**	**Sample Dates: 10/22/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.88E-02	0.00E+00	3.88E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	8.40E-01	3.37E-01	2.69E-01
Sample ID:	**621988**	**Sample Dates: 10/29/2024 - 11/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.69E-02	0.00E+00	4.69E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.60E-01	0.00E+00	2.60E-01
			K-40	5.66E-01	3.08E-01	3.54E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 261 [INDICATOR - N @ 0.72 miles]

Sample ID:	622256	Sample Dates: 11/5/2024 - 11/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.02E-01	0.00E+00	2.02E-01
			K-40	9.15E-01	3.32E-01	7.75E-02
Sample ID:	**622621**	**Sample Dates: 11/12/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.09E-02	0.00E+00	4.09E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	6.27E-01	2.72E-01	7.72E-02
Sample ID:	**622902**	**Sample Dates: 11/19/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.93E-02	0.00E+00	5.93E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<1.98E-01	0.00E+00	1.98E-01
			K-40	<6.57E-01	0.00E+00	6.57E-01
Sample ID:	**623225**	**Sample Dates: 11/26/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.30E-02	0.00E+00	3.30E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<2.17E-01	0.00E+00	2.17E-01
			K-40	9.27E-01	3.31E-01	7.61E-02
Sample ID:	**624058**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<3.00E-02	0.00E+00	3.00E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	6.87E-01	3.36E-01	3.65E-01
Sample ID:	**624592**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<1.73E-02	0.00E+00	1.73E-02
			Cs-134	<1.79E-02	0.00E+00	1.79E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<1.46E-01	0.00E+00	1.46E-01
			K-40	5.22E-01	2.32E-01	6.74E-02
Sample ID:	**624800**	**Sample Dates: 12/17/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.26E-02	0.00E+00	6.26E-02
			Cs-134	<2.77E-02	0.00E+00	2.77E-02
			Cs-137	<2.47E-02	0.00E+00	2.47E-02
			Be-7	<1.95E-01	0.00E+00	1.95E-01
			K-40	8.13E-01	3.42E-01	3.98E-01
Sample ID:	**625014**	**Sample Dates: 12/23/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.73E-02	0.00E+00	3.73E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<2.14E-02	0.00E+00	2.14E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	5.27E-01	2.65E-01	2.74E-01

Media Type: CROPS Concentration (Activity): pCi/kg

Sample Point 260 [INDICATOR - SSE @ 2 miles]

Sample ID:	602277	Sample Dates: 1/3/2024 - 1/3/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<9.31E+00	0.00E+00	9.31E+00
				Co-58	<8.62E+00	0.00E+00	8.62E+00
				Fe-59	<1.79E+01	0.00E+00	1.79E+01
				Co-60	<8.68E+00	0.00E+00	8.68E+00
				Zn-65	<2.23E+01	0.00E+00	2.23E+01
				Zr-95	<1.70E+01	0.00E+00	1.70E+01

Media Type: CROPS Concentration (Activity): pCi/kg

Sample Point 260 [INDICATOR - SSE @ 2 miles]

Sample ID:	602277	Sample Dates: 1/3/2024 - 1/3/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Nb-95	<8.96E+00	0.00E+00	8.96E+00
				I-131	<1.37E+01	0.00E+00	1.37E+01
				Cs-134	<9.28E+00	0.00E+00	9.28E+00
				Cs-137	<8.67E+00	0.00E+00	8.67E+00
				BaLa-140	<9.68E+00	0.00E+00	9.68E+00
				Be-7	5.24E+02	9.95E+01	9.97E+01
				K-40	3.84E+03	4.22E+02	1.38E+02
Sample ID:	603903	Sample Dates: 2/6/2024 - 2/6/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.38E+01	0.00E+00	1.38E+01
				Co-58	<1.02E+01	0.00E+00	1.02E+01
				Fe-59	<2.32E+01	0.00E+00	2.32E+01
				Co-60	<1.16E+01	0.00E+00	1.16E+01
				Zn-65	<3.09E+01	0.00E+00	3.09E+01
				Zr-95	<2.27E+01	0.00E+00	2.27E+01
				Nb-95	<1.33E+01	0.00E+00	1.33E+01
				I-131	<1.11E+01	0.00E+00	1.11E+01
				Cs-134	<1.46E+01	0.00E+00	1.46E+01
				Cs-137	<1.63E+01	0.00E+00	1.63E+01
				BaLa-140	<1.28E+01	0.00E+00	1.28E+01
				Be-7	2.59E+02	1.04E+02	1.46E+02
				K-40	4.26E+03	5.13E+02	2.17E+02
Sample ID:	613526	Sample Dates: 6/4/2024 - 6/4/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.31E+01	0.00E+00	1.31E+01
				Co-58	<1.48E+01	0.00E+00	1.48E+01
				Fe-59	<2.93E+01	0.00E+00	2.93E+01
				Co-60	<1.35E+01	0.00E+00	1.35E+01
				Zn-65	<3.31E+01	0.00E+00	3.31E+01
				Zr-95	<2.84E+01	0.00E+00	2.84E+01
				Nb-95	<1.42E+01	0.00E+00	1.42E+01
				I-131	<1.41E+01	0.00E+00	1.41E+01
				Cs-134	<1.68E+01	0.00E+00	1.68E+01
				Cs-137	<1.82E+01	0.00E+00	1.82E+01
				BaLa-140	<4.95E+00	0.00E+00	4.95E+00
				Be-7	<1.32E+02	0.00E+00	1.32E+02
				K-40	2.38E+03	4.27E+02	1.67E+02
Sample ID:	610330	Sample Dates: 7/2/2024 - 7/2/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.21E+01	0.00E+00	1.21E+01
				Co-58	<1.08E+01	0.00E+00	1.08E+01
				Fe-59	<2.15E+01	0.00E+00	2.15E+01
				Co-60	<1.34E+01	0.00E+00	1.34E+01
				Zn-65	<2.86E+01	0.00E+00	2.86E+01
				Zr-95	<1.59E+01	0.00E+00	1.59E+01
				Nb-95	<1.50E+01	0.00E+00	1.50E+01
				I-131	<1.92E+01	0.00E+00	1.92E+01
				Cs-134	<1.55E+01	0.00E+00	1.55E+01
				Cs-137	<9.91E+00	0.00E+00	9.91E+00
				BaLa-140	<1.21E+01	0.00E+00	1.21E+01
				Be-7	<9.19E+01	0.00E+00	9.19E+01
				K-40	2.26E+03	3.53E+02	1.69E+02
Sample ID:	616713	Sample Dates: 8/6/2024 - 8/6/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.08E+01	0.00E+00	1.08E+01
				Co-58	<1.11E+01	0.00E+00	1.11E+01
				Fe-59	<1.75E+01	0.00E+00	1.75E+01
				Co-60	<1.29E+01	0.00E+00	1.29E+01
				Zn-65	<2.12E+01	0.00E+00	2.12E+01
				Zr-95	<1.53E+01	0.00E+00	1.53E+01
				Nb-95	<1.24E+01	0.00E+00	1.24E+01
				I-131	<1.00E+01	0.00E+00	1.00E+01
				Cs-134	<1.11E+01	0.00E+00	1.11E+01
				Cs-137	<1.08E+01	0.00E+00	1.08E+01
				BaLa-140	<1.18E+01	0.00E+00	1.18E+01

Media Type: CROPS Concentration (Activity): pCi/kg

Sample Point 260 [INDICATOR - SSE @ 2 miles]

Sample ID:	616713	Sample Dates: 8/6/2024 - 8/6/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Be-7	<8.50E+01	0.00E+00	8.50E+01
				K-40	2.67E+03	3.75E+02	2.34E+01
Sample ID:	**618326**	**Sample Dates: 9/4/2024 - 9/4/2024**	**MIXEDCROPS**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<9.03E+00	0.00E+00	9.03E+00
				Co-58	<9.88E+00	0.00E+00	9.88E+00
				Fe-59	<1.80E+01	0.00E+00	1.80E+01
				Co-60	<1.13E+01	0.00E+00	1.13E+01
				Zn-65	<2.40E+01	0.00E+00	2.40E+01
				Zr-95	<1.92E+01	0.00E+00	1.92E+01
				Nb-95	<1.11E+01	0.00E+00	1.11E+01
				I-131	<1.13E+01	0.00E+00	1.13E+01
				Cs-134	<1.01E+01	0.00E+00	1.01E+01
				Cs-137	<1.03E+01	0.00E+00	1.03E+01
				BaLa-140	<9.99E+00	0.00E+00	9.99E+00
				Be-7	<7.00E+01	0.00E+00	7.00E+01
				K-40	2.59E+03	3.34E+02	1.12E+02
Sample ID:	**620292**	**Sample Dates: 10/1/2024 - 10/1/2024**	**MIXEDCROPS**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<7.22E+00	0.00E+00	7.22E+00
				Co-58	<7.49E+00	0.00E+00	7.49E+00
				Fe-59	<1.58E+01	0.00E+00	1.58E+01
				Co-60	<9.12E+00	0.00E+00	9.12E+00
				Zn-65	<1.67E+01	0.00E+00	1.67E+01
				Zr-95	<1.30E+01	0.00E+00	1.30E+01
				Nb-95	<7.68E+00	0.00E+00	7.68E+00
				I-131	<8.56E+00	0.00E+00	8.56E+00
				Cs-134	<8.42E+00	0.00E+00	8.42E+00
				Cs-137	<7.01E+00	0.00E+00	7.01E+00
				BaLa-140	<6.21E+00	0.00E+00	6.21E+00
				Be-7	<5.95E+01	0.00E+00	5.95E+01
				K-40	2.73E+03	3.22E+02	1.14E+02
Sample ID:	**621936**	**Sample Dates: 11/5/2024 - 11/5/2024**	**MIXEDCROPS**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.01E+01	0.00E+00	1.01E+01
				Co-58	<9.87E+00	0.00E+00	9.87E+00
				Fe-59	<1.92E+01	0.00E+00	1.92E+01
				Co-60	<9.77E+00	0.00E+00	9.77E+00
				Zn-65	<2.00E+01	0.00E+00	2.00E+01
				Zr-95	<1.76E+01	0.00E+00	1.76E+01
				Nb-95	<8.49E+00	0.00E+00	8.49E+00
				I-131	<8.69E+00	0.00E+00	8.69E+00
				Cs-134	<1.00E+01	0.00E+00	1.00E+01
				Cs-137	<9.00E+00	0.00E+00	9.00E+00
				BaLa-140	<1.09E+01	0.00E+00	1.09E+01
				Be-7	<8.17E+01	0.00E+00	8.17E+01
				K-40	4.06E+03	4.53E+02	1.26E+02
Sample ID:	**623188**	**Sample Dates: 12/3/2024 - 12/3/2024**	**MIXEDCROPS**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.55E+01	0.00E+00	1.55E+01
				Co-58	<1.45E+01	0.00E+00	1.45E+01
				Fe-59	<2.14E+01	0.00E+00	2.14E+01
				Co-60	<1.48E+01	0.00E+00	1.48E+01
				Zn-65	<3.22E+01	0.00E+00	3.22E+01
				Zr-95	<2.79E+01	0.00E+00	2.79E+01
				Nb-95	<1.20E+01	0.00E+00	1.20E+01
				I-131	<1.50E+01	0.00E+00	1.50E+01
				Cs-134	<1.71E+01	0.00E+00	1.71E+01
				Cs-137	<1.31E+01	0.00E+00	1.31E+01
				BaLa-140	<1.58E+01	0.00E+00	1.58E+01
				Be-7	1.47E+02	9.83E+01	1.52E+02
				K-40	4.25E+03	5.27E+02	2.28E+02

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 214 [INDICATOR - SSE @ 7.3 miles]

Sample ID: 604096 **Sample Dates: 12/28/2023 - 1/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	3.15E+00	4.20E+00	3.15E+00
Mn-54	<4.20E+00	0.00E+00	4.20E+00
Co-58	<3.97E+00	0.00E+00	3.97E+00
Fe-59	<5.79E+00	0.00E+00	5.79E+00
Co-60	<4.27E+00	0.00E+00	4.27E+00
Zn-65	<7.79E+00	0.00E+00	7.79E+00
Zr-95	<9.42E+00	0.00E+00	9.42E+00
Nb-95	<5.68E+00	0.00E+00	5.68E+00
I-131	<1.17E+01	0.00E+00	1.17E+01
Cs-134	<4.47E+00	0.00E+00	4.47E+00
Cs-137	<4.44E+00	0.00E+00	4.44E+00
BaLa-140	<1.16E+01	0.00E+00	1.16E+01
Be-7	<3.44E+01	0.00E+00	3.44E+01
K-40	9.74E+01	4.53E+01	5.34E+01

Sample ID: 605327 **Sample Dates: 1/23/2024 - 2/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.18E+00	0.00E+00	3.18E+00
Mn-54	<4.59E+00	0.00E+00	4.59E+00
Co-58	<5.58E+00	0.00E+00	5.58E+00
Fe-59	<6.87E+00	0.00E+00	6.87E+00
Co-60	<4.61E+00	0.00E+00	4.61E+00
Zn-65	<8.47E+00	0.00E+00	8.47E+00
Zr-95	<7.58E+00	0.00E+00	7.58E+00
Nb-95	<4.76E+00	0.00E+00	4.76E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<4.91E+00	0.00E+00	4.91E+00
Cs-137	<4.30E+00	0.00E+00	4.30E+00
BaLa-140	<1.14E+01	0.00E+00	1.14E+01
Be-7	<4.17E+01	0.00E+00	4.17E+01
K-40	8.26E+01	4.51E+01	5.88E+01

Sample ID: 609115 **Sample Dates: 2/20/2024 - 3/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	3.70E+00	4.26E+00	3.19E+00
Mn-54	<2.85E+00	0.00E+00	2.85E+00
Co-58	<2.77E+00	0.00E+00	2.77E+00
Fe-59	<6.36E+00	0.00E+00	6.36E+00
Co-60	<2.56E+00	0.00E+00	2.56E+00
Zn-65	<5.79E+00	0.00E+00	5.79E+00
Zr-95	<5.32E+00	0.00E+00	5.32E+00
Nb-95	<3.95E+00	0.00E+00	3.95E+00
I-131	<1.19E+01	0.00E+00	1.19E+01
Cs-134	<3.36E+00	0.00E+00	3.36E+00
Cs-137	<2.88E+00	0.00E+00	2.88E+00
BaLa-140	<7.17E+00	0.00E+00	7.17E+00
Be-7	<2.58E+01	0.00E+00	2.58E+01
K-40	7.72E+01	3.34E+01	4.42E+01

Sample ID: 605067 **Sample Dates: 12/28/2023 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	6.59E+02	1.43E+02	2.09E+02

Sample ID: 610570 **Sample Dates: 3/19/2024 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.15E+00	0.00E+00	3.15E+00
Mn-54	<3.29E+00	0.00E+00	3.29E+00
Co-58	<3.46E+00	0.00E+00	3.46E+00
Fe-59	<8.58E+00	0.00E+00	8.58E+00
Co-60	<3.71E+00	0.00E+00	3.71E+00
Zn-65	<7.28E+00	0.00E+00	7.28E+00
Zr-95	<8.01E+00	0.00E+00	8.01E+00
Nb-95	<4.05E+00	0.00E+00	4.05E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<4.27E+00	0.00E+00	4.27E+00
Cs-137	<3.73E+00	0.00E+00	3.73E+00
BaLa-140	<7.50E+00	0.00E+00	7.50E+00
Be-7	<3.32E+01	0.00E+00	3.32E+01
K-40	1.01E+02	4.02E+01	4.41E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 214 [INDICATOR - SSE @ 7.3 miles]

Sample ID: 612048 **Sample Dates: 4/16/2024 - 5/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.15E+00	0.00E+00	3.15E+00
Mn-54	<3.87E+00	0.00E+00	3.87E+00
Co-58	<5.46E+00	0.00E+00	5.46E+00
Fe-59	<9.10E+00	0.00E+00	9.10E+00
Co-60	<3.73E+00	0.00E+00	3.73E+00
Zn-65	<6.86E+00	0.00E+00	6.86E+00
Zr-95	<5.45E+00	0.00E+00	5.45E+00
Nb-95	<4.02E+00	0.00E+00	4.02E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<4.49E+00	0.00E+00	4.49E+00
Cs-137	<3.18E+00	0.00E+00	3.18E+00
BaLa-140	<8.85E+00	0.00E+00	8.85E+00
Be-7	<3.40E+01	0.00E+00	3.40E+01
K-40	<7.71E+01	0.00E+00	7.71E+01

Sample ID: 613664 **Sample Dates: 5/14/2024 - 6/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.31E+00	0.00E+00	3.31E+00
Mn-54	<2.85E+00	0.00E+00	2.85E+00
Co-58	<3.83E+00	0.00E+00	3.83E+00
Fe-59	<9.82E+00	0.00E+00	9.82E+00
Co-60	<3.84E+00	0.00E+00	3.84E+00
Zn-65	<7.05E+00	0.00E+00	7.05E+00
Zr-95	<5.29E+00	0.00E+00	5.29E+00
Nb-95	<5.20E+00	0.00E+00	5.20E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.67E+00	0.00E+00	3.67E+00
Cs-137	<2.23E+00	0.00E+00	2.23E+00
BaLa-140	<6.61E+00	0.00E+00	6.61E+00
Be-7	<3.16E+01	0.00E+00	3.16E+01
K-40	<7.48E+01	0.00E+00	7.48E+01

Sample ID: 612050 **Sample Dates: 4/16/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	6.32E+02	1.34E+02	1.93E+02

Sample ID: 614861 **Sample Dates: 6/11/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.16E+00	0.00E+00	3.16E+00
Mn-54	<3.05E+00	0.00E+00	3.05E+00
Co-58	<5.27E+00	0.00E+00	5.27E+00
Fe-59	<7.99E+00	0.00E+00	7.99E+00
Co-60	<3.17E+00	0.00E+00	3.17E+00
Zn-65	<8.83E+00	0.00E+00	8.83E+00
Zr-95	<7.88E+00	0.00E+00	7.88E+00
Nb-95	<4.96E+00	0.00E+00	4.96E+00
I-131	<1.02E+01	0.00E+00	1.02E+01
Cs-134	<3.38E+00	0.00E+00	3.38E+00
Cs-137	<4.94E+00	0.00E+00	4.94E+00
BaLa-140	<8.46E+00	0.00E+00	8.46E+00
Be-7	<3.41E+01	0.00E+00	3.41E+01
K-40	<8.94E+01	0.00E+00	8.94E+01

Sample ID: 616863 **Sample Dates: 7/9/2024 - 8/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.91E+00	0.00E+00	3.91E+00
Co-58	<4.54E+00	0.00E+00	4.54E+00
Fe-59	<8.45E+00	0.00E+00	8.45E+00
Co-60	<4.33E+00	0.00E+00	4.33E+00
Zn-65	<1.01E+01	0.00E+00	1.01E+01
Zr-95	<4.48E+00	0.00E+00	4.48E+00
Nb-95	<5.51E+00	0.00E+00	5.51E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<3.59E+00	0.00E+00	3.59E+00
Cs-137	<4.18E+00	0.00E+00	4.18E+00
BaLa-140	<1.33E+01	0.00E+00	1.33E+01
Be-7	<3.65E+01	0.00E+00	3.65E+01
K-40	<7.87E+01	0.00E+00	7.87E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 214 [INDICATOR - SSE @ 7.3 miles]

Sample ID:	618327	Sample Dates: 8/6/2024 - 9/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.10E+00	0.00E+00	3.10E+00
			Mn-54	<2.57E+00	0.00E+00	2.57E+00
			Co-58	<2.55E+00	0.00E+00	2.55E+00
			Fe-59	<4.95E+00	0.00E+00	4.95E+00
			Co-60	<1.89E+00	0.00E+00	1.89E+00
			Zn-65	<5.04E+00	0.00E+00	5.04E+00
			Zr-95	<4.54E+00	0.00E+00	4.54E+00
			Nb-95	<2.92E+00	0.00E+00	2.92E+00
			I-131	<1.19E+01	0.00E+00	1.19E+01
			Cs-134	<3.00E+00	0.00E+00	3.00E+00
			Cs-137	<2.22E+00	0.00E+00	2.22E+00
			BaLa-140	<7.29E+00	0.00E+00	7.29E+00
			Be-7	<2.15E+01	0.00E+00	2.15E+01
			K-40	7.43E+01	2.83E+01	3.77E+01
Sample ID:	**617213**	**Sample Dates: 7/9/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	8.27E+02	1.33E+02	1.83E+02
Sample ID:	**620260**	**Sample Dates: 9/4/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.22E+00	0.00E+00	3.22E+00
			Mn-54	<3.11E+00	0.00E+00	3.11E+00
			Co-58	<3.61E+00	0.00E+00	3.61E+00
			Fe-59	<7.53E+00	0.00E+00	7.53E+00
			Co-60	<3.88E+00	0.00E+00	3.88E+00
			Zn-65	<8.83E+00	0.00E+00	8.83E+00
			Zr-95	<7.31E+00	0.00E+00	7.31E+00
			Nb-95	<5.07E+00	0.00E+00	5.07E+00
			I-131	<1.30E+01	0.00E+00	1.30E+01
			Cs-134	<4.17E+00	0.00E+00	4.17E+00
			Cs-137	<4.29E+00	0.00E+00	4.29E+00
			BaLa-140	<9.96E+00	0.00E+00	9.96E+00
			Be-7	<4.27E+01	0.00E+00	4.27E+01
			K-40	9.59E+01	4.02E+01	4.47E+01
Sample ID:	**621842**	**Sample Dates: 10/1/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.26E+00	0.00E+00	3.26E+00
			Mn-54	<3.25E+00	0.00E+00	3.25E+00
			Co-58	<3.59E+00	0.00E+00	3.59E+00
			Fe-59	<8.50E+00	0.00E+00	8.50E+00
			Co-60	<3.05E+00	0.00E+00	3.05E+00
			Zn-65	<6.62E+00	0.00E+00	6.62E+00
			Zr-95	<4.75E+00	0.00E+00	4.75E+00
			Nb-95	<3.16E+00	0.00E+00	3.16E+00
			I-131	<1.22E+01	0.00E+00	1.22E+01
			Cs-134	<3.25E+00	0.00E+00	3.25E+00
			Cs-137	<2.85E+00	0.00E+00	2.85E+00
			BaLa-140	<7.56E+00	0.00E+00	7.56E+00
			Be-7	<3.09E+01	0.00E+00	3.09E+01
			K-40	6.85E+01	3.57E+01	4.81E+01
Sample ID:	**623017**	**Sample Dates: 10/29/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.25E+00	0.00E+00	3.25E+00
			Mn-54	<2.40E+00	0.00E+00	2.40E+00
			Co-58	<2.46E+00	0.00E+00	2.46E+00
			Fe-59	<6.46E+00	0.00E+00	6.46E+00
			Co-60	<2.71E+00	0.00E+00	2.71E+00
			Zn-65	<4.69E+00	0.00E+00	4.69E+00
			Zr-95	<5.14E+00	0.00E+00	5.14E+00
			Nb-95	<3.81E+00	0.00E+00	3.81E+00
			I-131	<1.22E+01	0.00E+00	1.22E+01
			Cs-134	<2.98E+00	0.00E+00	2.98E+00
			Cs-137	<2.97E+00	0.00E+00	2.97E+00
			BaLa-140	<7.44E+00	0.00E+00	7.44E+00
			Be-7	<2.37E+01	0.00E+00	2.37E+01
			K-40	8.32E+01	3.26E+01	4.46E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 214 [INDICATOR - SSE @ 7.3 miles]

Sample ID:	622555	Sample Dates: 10/1/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3DW	6.43E+02	1.29E+02	1.88E+02
Sample ID:	**624905**	**Sample Dates: 11/26/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.21E+00	0.00E+00	3.21E+00
			Mn-54	<3.34E+00	0.00E+00	3.34E+00
			Co-58	<4.50E+00	0.00E+00	4.50E+00
			Fe-59	<5.90E+00	0.00E+00	5.90E+00
			Co-60	<2.29E+00	0.00E+00	2.29E+00
			Zn-65	<5.46E+00	0.00E+00	5.46E+00
			Zr-95	<4.38E+00	0.00E+00	4.38E+00
			Nb-95	<3.69E+00	0.00E+00	3.69E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<3.06E+00	0.00E+00	3.06E+00
			Cs-137	<3.35E+00	0.00E+00	3.35E+00
			BaLa-140	<7.65E+00	0.00E+00	7.65E+00
			Be-7	<3.25E+01	0.00E+00	3.25E+01
			K-40	5.82E+01	3.04E+01	3.68E+01

Sample Point 218 [CONTROL - NNE @ 13.5 miles]

Sample ID:	604097	Sample Dates: 12/28/2023 - 1/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.15E+00	0.00E+00	3.15E+00
			Mn-54	<3.99E+00	0.00E+00	3.99E+00
			Co-58	<3.88E+00	0.00E+00	3.88E+00
			Fe-59	<1.12E+01	0.00E+00	1.12E+01
			Co-60	<3.60E+00	0.00E+00	3.60E+00
			Zn-65	<9.22E+00	0.00E+00	9.22E+00
			Zr-95	<8.13E+00	0.00E+00	8.13E+00
			Nb-95	<4.56E+00	0.00E+00	4.56E+00
			I-131	<1.17E+01	0.00E+00	1.17E+01
			Cs-134	<4.66E+00	0.00E+00	4.66E+00
			Cs-137	<4.09E+00	0.00E+00	4.09E+00
			BaLa-140	<2.28E+00	0.00E+00	2.28E+00
			Be-7	<4.01E+01	0.00E+00	4.01E+01
			K-40	8.06E+01	4.35E+01	5.50E+01
Sample ID:	**605328**	**Sample Dates: 1/23/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.18E+00	0.00E+00	3.18E+00
			Mn-54	<3.80E+00	0.00E+00	3.80E+00
			Co-58	<4.90E+00	0.00E+00	4.90E+00
			Fe-59	<1.08E+01	0.00E+00	1.08E+01
			Co-60	<3.30E+00	0.00E+00	3.30E+00
			Zn-65	<7.93E+00	0.00E+00	7.93E+00
			Zr-95	<8.08E+00	0.00E+00	8.08E+00
			Nb-95	<6.44E+00	0.00E+00	6.44E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<4.76E+00	0.00E+00	4.76E+00
			Cs-137	<4.16E+00	0.00E+00	4.16E+00
			BaLa-140	<7.55E+00	0.00E+00	7.55E+00
			Be-7	<3.19E+01	0.00E+00	3.19E+01
			K-40	<6.82E+01	0.00E+00	6.82E+01
Sample ID:	**609116**	**Sample Dates: 2/20/2024 - 3/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.19E+00	0.00E+00	3.19E+00
			Mn-54	<3.83E+00	0.00E+00	3.83E+00
			Co-58	<4.65E+00	0.00E+00	4.65E+00
			Fe-59	<9.51E+00	0.00E+00	9.51E+00
			Co-60	<3.91E+00	0.00E+00	3.91E+00
			Zn-65	<7.16E+00	0.00E+00	7.16E+00
			Zr-95	<8.91E+00	0.00E+00	8.91E+00
			Nb-95	<5.80E+00	0.00E+00	5.80E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<4.87E+00	0.00E+00	4.87E+00
			Cs-137	<3.09E+00	0.00E+00	3.09E+00
			BaLa-140	<8.06E+00	0.00E+00	8.06E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 218 [CONTROL - NNE @ 13.5 miles]

Sample ID:	609116	Sample Dates: 2/20/2024 - 3/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<3.49E+01	0.00E+00	3.49E+01
			K-40	6.78E+01	3.93E+01	5.03E+01
Sample ID:	605068	Sample Dates: 12/28/2023 - 4/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3DW	3.26E+02	1.32E+02	2.08E+02
Sample ID:	610571	Sample Dates: 3/19/2024 - 4/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.15E+00	0.00E+00	3.15E+00
			Mn-54	<3.38E+00	0.00E+00	3.38E+00
			Co-58	<3.43E+00	0.00E+00	3.43E+00
			Fe-59	<8.87E+00	0.00E+00	8.87E+00
			Co-60	<1.85E+00	0.00E+00	1.85E+00
			Zn-65	<8.02E+00	0.00E+00	8.02E+00
			Zr-95	<7.58E+00	0.00E+00	7.58E+00
			Nb-95	<5.03E+00	0.00E+00	5.03E+00
			I-131	<1.35E+01	0.00E+00	1.35E+01
			Cs-134	<4.29E+00	0.00E+00	4.29E+00
			Cs-137	<3.88E+00	0.00E+00	3.88E+00
			BaLa-140	<8.04E+00	0.00E+00	8.04E+00
			Be-7	<3.16E+01	0.00E+00	3.16E+01
			K-40	6.20E+01	4.07E+01	5.92E+01
Sample ID:	612049	Sample Dates: 4/16/2024 - 5/14/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.15E+00	0.00E+00	3.15E+00
			Mn-54	<4.60E+00	0.00E+00	4.60E+00
			Co-58	<4.44E+00	0.00E+00	4.44E+00
			Fe-59	<7.97E+00	0.00E+00	7.97E+00
			Co-60	<5.41E+00	0.00E+00	5.41E+00
			Zn-65	<9.39E+00	0.00E+00	9.39E+00
			Zr-95	<8.26E+00	0.00E+00	8.26E+00
			Nb-95	<4.67E+00	0.00E+00	4.67E+00
			I-131	<1.19E+01	0.00E+00	1.19E+01
			Cs-134	<4.23E+00	0.00E+00	4.23E+00
			Cs-137	<5.38E+00	0.00E+00	5.38E+00
			BaLa-140	<1.08E+01	0.00E+00	1.08E+01
			Be-7	<3.55E+01	0.00E+00	3.55E+01
			K-40	9.18E+01	4.64E+01	5.74E+01
Sample ID:	613665	Sample Dates: 5/14/2024 - 6/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.31E+00	0.00E+00	3.31E+00
			Mn-54	<3.66E+00	0.00E+00	3.66E+00
			Co-58	<2.89E+00	0.00E+00	2.89E+00
			Fe-59	<6.86E+00	0.00E+00	6.86E+00
			Co-60	<4.26E+00	0.00E+00	4.26E+00
			Zn-65	<5.18E+00	0.00E+00	5.18E+00
			Zr-95	<6.44E+00	0.00E+00	6.44E+00
			Nb-95	<4.08E+00	0.00E+00	4.08E+00
			I-131	<1.29E+01	0.00E+00	1.29E+01
			Cs-134	<3.11E+00	0.00E+00	3.11E+00
			Cs-137	<3.01E+00	0.00E+00	3.01E+00
			BaLa-140	<5.15E+00	0.00E+00	5.15E+00
			Be-7	<3.28E+01	0.00E+00	3.28E+01
			K-40	6.47E+01	3.22E+01	4.23E+01
Sample ID:	612051	Sample Dates: 4/16/2024 - 7/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3DW	3.96E+02	1.25E+02	1.92E+02
Sample ID:	614862	Sample Dates: 6/11/2024 - 7/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.16E+00	0.00E+00	3.16E+00
			Mn-54	<3.69E+00	0.00E+00	3.69E+00
			Co-58	<4.56E+00	0.00E+00	4.56E+00
			Fe-59	<9.17E+00	0.00E+00	9.17E+00
			Co-60	<3.96E+00	0.00E+00	3.96E+00
			Zn-65	<6.79E+00	0.00E+00	6.79E+00
			Zr-95	<8.35E+00	0.00E+00	8.35E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 218 [CONTROL - NNE @ 13.5 miles]

Sample ID: 614862 **Sample Dates: 6/11/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<4.55E+00	0.00E+00	4.55E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<4.26E+00	0.00E+00	4.26E+00
Cs-137	<3.43E+00	0.00E+00	3.43E+00
BaLa-140	<8.10E+00	0.00E+00	8.10E+00
Be-7	<3.31E+01	0.00E+00	3.31E+01
K-40	8.88E+01	3.85E+01	4.24E+01

Sample ID: 616864 **Sample Dates: 7/9/2024 - 8/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<2.87E+00	0.00E+00	2.87E+00
Co-58	<2.87E+00	0.00E+00	2.87E+00
Fe-59	<7.60E+00	0.00E+00	7.60E+00
Co-60	<2.50E+00	0.00E+00	2.50E+00
Zn-65	<8.28E+00	0.00E+00	8.28E+00
Zr-95	<5.92E+00	0.00E+00	5.92E+00
Nb-95	<4.32E+00	0.00E+00	4.32E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<4.78E+00	0.00E+00	4.78E+00
Cs-137	<3.04E+00	0.00E+00	3.04E+00
BaLa-140	<7.72E+00	0.00E+00	7.72E+00
Be-7	<3.25E+01	0.00E+00	3.25E+01
K-40	8.39E+01	3.88E+01	4.93E+01

Sample ID: 618328 **Sample Dates: 8/6/2024 - 9/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<2.26E+00	0.00E+00	2.26E+00
Co-58	<2.38E+00	0.00E+00	2.38E+00
Fe-59	<5.44E+00	0.00E+00	5.44E+00
Co-60	<2.71E+00	0.00E+00	2.71E+00
Zn-65	<4.69E+00	0.00E+00	4.69E+00
Zr-95	<4.59E+00	0.00E+00	4.59E+00
Nb-95	<3.53E+00	0.00E+00	3.53E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<2.78E+00	0.00E+00	2.78E+00
Cs-137	<2.08E+00	0.00E+00	2.08E+00
BaLa-140	<6.75E+00	0.00E+00	6.75E+00
Be-7	<2.29E+01	0.00E+00	2.29E+01
K-40	8.37E+01	2.91E+01	3.47E+01

Sample ID: 617214 **Sample Dates: 7/9/2024 - 10/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	5.50E+02	1.24E+02	1.81E+02

Sample ID: 620261 **Sample Dates: 9/4/2024 - 10/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.23E+00	0.00E+00	3.23E+00
Mn-54	<4.59E+00	0.00E+00	4.59E+00
Co-58	<3.77E+00	0.00E+00	3.77E+00
Fe-59	<1.00E+01	0.00E+00	1.00E+01
Co-60	<3.04E+00	0.00E+00	3.04E+00
Zn-65	<6.46E+00	0.00E+00	6.46E+00
Zr-95	<6.68E+00	0.00E+00	6.68E+00
Nb-95	<4.45E+00	0.00E+00	4.45E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<3.55E+00	0.00E+00	3.55E+00
Cs-137	<3.11E+00	0.00E+00	3.11E+00
BaLa-140	<7.76E+00	0.00E+00	7.76E+00
Be-7	<3.42E+01	0.00E+00	3.42E+01
K-40	6.24E+01	4.44E+01	6.44E+01

Sample ID: 621843 **Sample Dates: 10/1/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<3.19E+00	0.00E+00	3.19E+00
Co-58	<3.52E+00	0.00E+00	3.52E+00
Fe-59	<7.78E+00	0.00E+00	7.78E+00
Co-60	<3.27E+00	0.00E+00	3.27E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 218 [CONTROL - NNE @ 13.5 miles]

Sample ID: 621843 **Sample Dates: 10/1/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<6.01E+00	0.00E+00	6.01E+00
Zr-95	<7.02E+00	0.00E+00	7.02E+00
Nb-95	<6.25E+00	0.00E+00	6.25E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.56E+00	0.00E+00	4.56E+00
Cs-137	<3.29E+00	0.00E+00	3.29E+00
BaLa-140	<7.53E+00	0.00E+00	7.53E+00
Be-7	<3.83E+01	0.00E+00	3.83E+01
K-40	<7.40E+01	0.00E+00	7.40E+01

Sample ID: 623018 **Sample Dates: 10/29/2024 - 11/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.25E+00	0.00E+00	3.25E+00
Mn-54	<3.74E+00	0.00E+00	3.74E+00
Co-58	<3.35E+00	0.00E+00	3.35E+00
Fe-59	<7.89E+00	0.00E+00	7.89E+00
Co-60	<3.77E+00	0.00E+00	3.77E+00
Zn-65	<6.41E+00	0.00E+00	6.41E+00
Zr-95	<5.98E+00	0.00E+00	5.98E+00
Nb-95	<3.64E+00	0.00E+00	3.64E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.94E+00	0.00E+00	3.94E+00
Cs-137	<2.62E+00	0.00E+00	2.62E+00
BaLa-140	<8.64E+00	0.00E+00	8.64E+00
Be-7	<3.38E+01	0.00E+00	3.38E+01
K-40	9.48E+01	3.52E+01	3.85E+01

Sample ID: 622556 **Sample Dates: 10/1/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<1.57E+02	0.00E+00	1.88E+02

Sample ID: 624906 **Sample Dates: 11/26/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.21E+00	0.00E+00	3.21E+00
Mn-54	<3.13E+00	0.00E+00	3.13E+00
Co-58	<3.35E+00	0.00E+00	3.35E+00
Fe-59	<8.32E+00	0.00E+00	8.32E+00
Co-60	<3.84E+00	0.00E+00	3.84E+00
Zn-65	<4.57E+00	0.00E+00	4.57E+00
Zr-95	<6.66E+00	0.00E+00	6.66E+00
Nb-95	<4.24E+00	0.00E+00	4.24E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<2.87E+00	0.00E+00	2.87E+00
Cs-137	<3.26E+00	0.00E+00	3.26E+00
BaLa-140	<8.67E+00	0.00E+00	8.67E+00
Be-7	<3.01E+01	0.00E+00	3.01E+01
K-40	4.08E+01	3.10E+01	4.59E+01

Media Type: FISH Concentration (Activity): pCi/kg

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID: 610484 **Sample Dates: 4/5/2024 - 4/5/2024** **PREDATOR**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.77E+01	0.00E+00	4.77E+01
Co-58	<4.88E+01	0.00E+00	4.88E+01
Fe-59	<1.00E+02	0.00E+00	1.00E+02
Co-60	<5.26E+01	0.00E+00	5.26E+01
Zn-65	<1.24E+02	0.00E+00	1.24E+02
Nb-95	<6.44E+01	0.00E+00	6.44E+01
I-131	<7.08E+01	0.00E+00	7.08E+01
Cs-134	<6.04E+01	0.00E+00	6.04E+01
Cs-137	<4.67E+01	0.00E+00	4.67E+01
Be-7	<4.13E+02	0.00E+00	4.13E+02
K-40	3.74E+03	9.46E+02	8.48E+02
Ag-110M	<4.57E+01	0.00E+00	4.57E+01
Sb-122	<1.93E+02	0.00E+00	1.93E+02
Sb-125	<1.49E+02	0.00E+00	1.49E+02

Media Type: FISH Concentration (Activity): pCi/kg

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	610485	Sample Dates: 4/5/2024 - 4/5/2024	FORAGER	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<5.16E+01	0.00E+00	5.16E+01
				Co-58	<5.28E+01	0.00E+00	5.28E+01
				Fe-59	<1.02E+02	0.00E+00	1.02E+02
				Co-60	<5.68E+01	0.00E+00	5.68E+01
				Zn-65	<1.16E+02	0.00E+00	1.16E+02
				Nb-95	<5.99E+01	0.00E+00	5.99E+01
				I-131	<7.40E+01	0.00E+00	7.40E+01
				Cs-134	<6.30E+01	0.00E+00	6.30E+01
				Cs-137	<5.05E+01	0.00E+00	5.05E+01
				Be-7	<3.93E+02	0.00E+00	3.93E+02
				K-40	4.77E+03	1.06E+03	7.75E+02
				Ag-110M	<5.31E+01	0.00E+00	5.31E+01
				Sb-122	<1.99E+02	0.00E+00	1.99E+02
				Sb-125	<9.60E+01	0.00E+00	9.60E+01
Sample ID:	**610536**	**Sample Dates: 4/5/2024 - 4/5/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.59E+01	0.00E+00	5.59E+01
				Co-58	<3.79E+01	0.00E+00	3.79E+01
				Fe-59	<1.93E+01	0.00E+00	1.93E+01
				Co-60	<4.62E+01	0.00E+00	4.62E+01
				Zn-65	<8.23E+01	0.00E+00	8.23E+01
				Nb-95	<5.29E+01	0.00E+00	5.29E+01
				I-131	<6.44E+01	0.00E+00	6.44E+01
				Cs-134	<4.88E+01	0.00E+00	4.88E+01
				Cs-137	<5.48E+01	0.00E+00	5.48E+01
				Be-7	<3.77E+02	0.00E+00	3.77E+02
				K-40	4.31E+03	1.05E+03	9.13E+02
				Ag-110M	<5.63E+01	0.00E+00	5.63E+01
				Sb-122	<2.16E+02	0.00E+00	2.16E+02
				Sb-125	<1.28E+02	0.00E+00	1.28E+02
Sample ID:	**620850**	**Sample Dates: 10/10/2024 - 10/10/2024**	**PREDATOR**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.71E+01	0.00E+00	5.71E+01
				Co-58	<5.54E+01	0.00E+00	5.54E+01
				Fe-59	<1.02E+02	0.00E+00	1.02E+02
				Co-60	<5.59E+01	0.00E+00	5.59E+01
				Zn-65	<1.06E+02	0.00E+00	1.06E+02
				Nb-95	<4.78E+01	0.00E+00	4.78E+01
				I-131	<7.82E+01	0.00E+00	7.82E+01
				Cs-134	<6.77E+01	0.00E+00	6.77E+01
				Cs-137	<5.02E+01	0.00E+00	5.02E+01
				Be-7	<3.69E+02	0.00E+00	3.69E+02
				K-40	4.15E+03	9.57E+02	7.30E+02
				Ag-110M	<3.75E+01	0.00E+00	3.75E+01
				Sb-122	<3.03E+02	0.00E+00	3.03E+02
				Sb-125	<1.32E+02	0.00E+00	1.32E+02
Sample ID:	**620851**	**Sample Dates: 10/10/2024 - 10/10/2024**	**FORAGER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.56E+01	0.00E+00	4.56E+01
				Co-58	<4.99E+01	0.00E+00	4.99E+01
				Fe-59	<1.14E+02	0.00E+00	1.14E+02
				Co-60	<6.68E+01	0.00E+00	6.68E+01
				Zn-65	<1.25E+02	0.00E+00	1.25E+02
				Nb-95	<6.07E+01	0.00E+00	6.07E+01
				I-131	<8.64E+01	0.00E+00	8.64E+01
				Cs-134	<6.40E+01	0.00E+00	6.40E+01
				Cs-137	<4.70E+01	0.00E+00	4.70E+01
				Be-7	<4.56E+02	0.00E+00	4.56E+02
				K-40	4.48E+03	1.03E+03	8.23E+02
				Ag-110M	<5.21E+01	0.00E+00	5.21E+01
				Sb-122	<3.62E+02	0.00E+00	3.62E+02
				Sb-125	<1.40E+02	0.00E+00	1.40E+02
Sample ID:	**620858**	**Sample Dates: 10/10/2024 - 10/10/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.72E+01	0.00E+00	4.72E+01

Media Type: FISH Concentration (Activity): pCi/kg

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	620858	Sample Dates: 10/10/2024 - 10/10/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Co-58	<4.89E+01	0.00E+00	4.89E+01
				Fe-59	<1.23E+02	0.00E+00	1.23E+02
				Co-60	<5.94E+01	0.00E+00	5.94E+01
				Zn-65	<1.38E+02	0.00E+00	1.38E+02
				Nb-95	<6.74E+01	0.00E+00	6.74E+01
				I-131	<9.70E+01	0.00E+00	9.70E+01
				Cs-134	<5.96E+01	0.00E+00	5.96E+01
				Cs-137	<5.37E+01	0.00E+00	5.37E+01
				Be-7	<3.66E+02	0.00E+00	3.66E+02
				K-40	4.97E+03	1.04E+03	7.42E+02
				Ag-110M	<4.33E+01	0.00E+00	4.33E+01
				Sb-122	<2.88E+02	0.00E+00	2.88E+02
				Sb-125	<1.17E+02	0.00E+00	1.17E+02

Sample Point 216 [CONTROL - NNE @ 4.19 miles]

Sample ID:	610486	Sample Dates: 4/5/2024 - 4/5/2024	PREDATOR	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<4.73E+01	0.00E+00	4.73E+01
				Co-58	<5.31E+01	0.00E+00	5.31E+01
				Fe-59	<1.16E+02	0.00E+00	1.16E+02
				Co-60	<5.51E+01	0.00E+00	5.51E+01
				Zn-65	<1.12E+02	0.00E+00	1.12E+02
				Nb-95	<5.55E+01	0.00E+00	5.55E+01
				I-131	<6.60E+01	0.00E+00	6.60E+01
				Cs-134	<5.57E+01	0.00E+00	5.57E+01
				Cs-137	<5.07E+01	0.00E+00	5.07E+01
				Be-7	<3.34E+02	0.00E+00	3.34E+02
				K-40	5.20E+03	1.09E+03	6.94E+02
				Ag-110M	<3.69E+01	0.00E+00	3.69E+01
				Sb-122	<2.11E+02	0.00E+00	2.11E+02
				Sb-125	<1.03E+02	0.00E+00	1.03E+02
Sample ID:	**610487**	**Sample Dates: 4/5/2024 - 4/5/2024**	**FORAGER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.89E+01	0.00E+00	3.89E+01
				Co-58	<3.64E+01	0.00E+00	3.64E+01
				Fe-59	<1.20E+02	0.00E+00	1.20E+02
				Co-60	<5.00E+01	0.00E+00	5.00E+01
				Zn-65	<7.96E+01	0.00E+00	7.96E+01
				Nb-95	<5.93E+01	0.00E+00	5.93E+01
				I-131	<5.70E+01	0.00E+00	5.70E+01
				Cs-134	<5.80E+01	0.00E+00	5.80E+01
				Cs-137	<5.65E+01	0.00E+00	5.65E+01
				Be-7	<3.46E+02	0.00E+00	3.46E+02
				K-40	4.45E+03	1.05E+03	9.23E+02
				Ag-110M	<4.72E+01	0.00E+00	4.72E+01
				Sb-122	<2.23E+02	0.00E+00	2.23E+02
				Sb-125	<1.14E+02	0.00E+00	1.14E+02
Sample ID:	**610537**	**Sample Dates: 4/5/2024 - 4/5/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.72E+01	0.00E+00	5.72E+01
				Co-58	<6.22E+01	0.00E+00	6.22E+01
				Fe-59	<1.03E+02	0.00E+00	1.03E+02
				Co-60	<4.44E+01	0.00E+00	4.44E+01
				Zn-65	<1.16E+02	0.00E+00	1.16E+02
				Nb-95	<5.02E+01	0.00E+00	5.02E+01
				I-131	<7.45E+01	0.00E+00	7.45E+01
				Cs-134	<5.23E+01	0.00E+00	5.23E+01
				Cs-137	<5.78E+01	0.00E+00	5.78E+01
				Be-7	<3.97E+02	0.00E+00	3.97E+02
				K-40	5.15E+03	1.14E+03	9.81E+02
				Ag-110M	<4.49E+01	0.00E+00	4.49E+01
				Sb-122	<1.92E+02	0.00E+00	1.92E+02
				Sb-125	<1.18E+02	0.00E+00	1.18E+02

Media Type: FISH Concentration (Activity): pCi/kg

Sample Point 216 [CONTROL - NNE @ 4.19 miles]

Sample ID:	620852	Sample Dates: 10/10/2024 - 10/10/2024	PREDATOR	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<4.37E+01	0.00E+00	4.37E+01
				Co-58	<5.25E+01	0.00E+00	5.25E+01
				Fe-59	<1.05E+02	0.00E+00	1.05E+02
				Co-60	<3.80E+01	0.00E+00	3.80E+01
				Zn-65	<1.37E+02	0.00E+00	1.37E+02
				Nb-95	<5.14E+01	0.00E+00	5.14E+01
				I-131	<7.75E+01	0.00E+00	7.75E+01
				Cs-134	<4.89E+01	0.00E+00	4.89E+01
				Cs-137	<4.72E+01	0.00E+00	4.72E+01
				Be-7	<3.63E+02	0.00E+00	3.63E+02
				K-40	5.07E+03	1.16E+03	1.07E+03
				Ag-110M	<5.14E+01	0.00E+00	5.14E+01
				Sb-122	<3.30E+02	0.00E+00	3.30E+02
				Sb-125	<1.13E+02	0.00E+00	1.13E+02
Sample ID:	**620853**	**Sample Dates: 10/10/2024 - 10/10/2024**	**FORAGER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.57E+01	0.00E+00	4.57E+01
				Co-58	<5.49E+01	0.00E+00	5.49E+01
				Fe-59	<8.72E+01	0.00E+00	8.72E+01
				Co-60	<4.58E+01	0.00E+00	4.58E+01
				Zn-65	<9.95E+01	0.00E+00	9.95E+01
				Nb-95	<6.07E+01	0.00E+00	6.07E+01
				I-131	<8.54E+01	0.00E+00	8.54E+01
				Cs-134	<6.63E+01	0.00E+00	6.63E+01
				Cs-137	<4.69E+01	0.00E+00	4.69E+01
				Be-7	<4.17E+02	0.00E+00	4.17E+02
				K-40	3.35E+03	8.27E+02	4.61E+02
				Ag-110M	<5.53E+01	0.00E+00	5.53E+01
				Sb-122	<3.78E+02	0.00E+00	3.78E+02
				Sb-125	<1.36E+02	0.00E+00	1.36E+02
Sample ID:	**620859**	**Sample Dates: 10/10/2024 - 10/10/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.17E+01	0.00E+00	4.17E+01
				Co-58	<5.01E+01	0.00E+00	5.01E+01
				Fe-59	<9.95E+01	0.00E+00	9.95E+01
				Co-60	<4.17E+01	0.00E+00	4.17E+01
				Zn-65	<9.76E+01	0.00E+00	9.76E+01
				Nb-95	<3.86E+01	0.00E+00	3.86E+01
				I-131	<6.87E+01	0.00E+00	6.87E+01
				Cs-134	<5.63E+01	0.00E+00	5.63E+01
				Cs-137	<4.51E+01	0.00E+00	4.51E+01
				Be-7	<3.73E+02	0.00E+00	3.73E+02
				K-40	3.86E+03	8.34E+02	1.05E+02
				Ag-110M	<4.26E+01	0.00E+00	4.26E+01
				Sb-122	<3.23E+02	0.00E+00	3.23E+02
				Sb-125	<1.38E+02	0.00E+00	1.38E+02

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 221 [CONTROL - NW @ 14.5 miles]

Sample ID:	603858	Sample Dates: 1/3/2024 - 1/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.62E-01	0.00E+00	7.62E-01
			I-131	<8.45E+00	0.00E+00	8.45E+00
			Cs-134	<1.04E+01	0.00E+00	1.04E+01
			Cs-137	<1.04E+01	0.00E+00	1.04E+01
			BaLa-140	<1.31E+01	0.00E+00	1.31E+01
			Be-7	<6.56E+01	0.00E+00	6.56E+01
			K-40	1.21E+03	2.21E+02	1.61E+02
Sample ID:	**604214**	**Sample Dates: 1/17/2024 - 1/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.15E-01	0.00E+00	7.15E-01
			I-131	<8.04E+00	0.00E+00	8.04E+00
			Cs-134	<5.95E+00	0.00E+00	5.95E+00
			Cs-137	<1.02E+01	0.00E+00	1.02E+01
			BaLa-140	<7.70E+00	0.00E+00	7.70E+00

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 221 [CONTROL - NW @ 14.5 miles]

Sample ID: 604214 **Sample Dates: 1/17/2024 - 1/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<6.95E+01	0.00E+00	6.95E+01
K-40	1.39E+03	2.38E+02	1.63E+02

Sample ID: 604809 **Sample Dates: 1/30/2024 - 1/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<8.12E-01	0.00E+00	8.12E-01
I-131	<4.98E+00	0.00E+00	4.98E+00
Cs-134	<6.63E+00	0.00E+00	6.63E+00
Cs-137	<5.27E+00	0.00E+00	5.27E+00
BaLa-140	<7.39E+00	0.00E+00	7.39E+00
Be-7	<4.85E+01	0.00E+00	4.85E+01
K-40	7.32E+02	1.53E+02	6.24E+01

Sample ID: 606261 **Sample Dates: 2/13/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.00E-01	0.00E+00	7.00E-01
I-131	<5.72E+00	0.00E+00	5.72E+00
Cs-134	<8.23E+00	0.00E+00	8.23E+00
Cs-137	<5.22E+00	0.00E+00	5.22E+00
BaLa-140	<5.79E+00	0.00E+00	5.79E+00
Be-7	<4.15E+01	0.00E+00	4.15E+01
K-40	1.09E+03	2.00E+02	1.21E+02

Sample ID: 612290 **Sample Dates: 5/7/2024 - 5/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.18E-01	0.00E+00	7.18E-01
I-131	<6.25E+00	0.00E+00	6.25E+00
Cs-134	<8.70E+00	0.00E+00	8.70E+00
Cs-137	<7.28E+00	0.00E+00	7.28E+00
BaLa-140	<5.81E+00	0.00E+00	5.81E+00
Be-7	<4.47E+01	0.00E+00	4.47E+01
K-40	1.55E+03	2.35E+02	1.78E+01

Sample ID: 612731 **Sample Dates: 5/21/2024 - 5/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.57E-01	0.00E+00	6.57E-01
I-131	<7.61E+00	0.00E+00	7.61E+00
Cs-134	<6.68E+00	0.00E+00	6.68E+00
Cs-137	<6.93E+00	0.00E+00	6.93E+00
BaLa-140	<7.85E+00	0.00E+00	7.85E+00
Be-7	<5.92E+01	0.00E+00	5.92E+01
K-40	1.47E+03	2.46E+02	1.57E+02

Sample ID: 614084 **Sample Dates: 6/4/2024 - 6/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.92E-01	0.00E+00	7.92E-01
I-131	<6.30E+00	0.00E+00	6.30E+00
Cs-134	<1.00E+01	0.00E+00	1.00E+01
Cs-137	<8.89E+00	0.00E+00	8.89E+00
BaLa-140	<8.94E+00	0.00E+00	8.94E+00
Be-7	<5.44E+01	0.00E+00	5.44E+01
K-40	1.42E+03	2.30E+02	9.69E+01

Sample ID: 614492 **Sample Dates: 6/18/2024 - 6/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.77E-01	0.00E+00	7.77E-01
I-131	<7.14E+00	0.00E+00	7.14E+00
Cs-134	<8.91E+00	0.00E+00	8.91E+00
Cs-137	<6.21E+00	0.00E+00	6.21E+00
BaLa-140	<8.31E+00	0.00E+00	8.31E+00
Be-7	<6.11E+01	0.00E+00	6.11E+01
K-40	1.26E+03	2.12E+02	9.65E+01

Sample ID: 615097 **Sample Dates: 7/2/2024 - 7/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.72E-01	0.00E+00	7.72E-01
I-131	<6.10E+00	0.00E+00	6.10E+00
Cs-134	<7.63E+00	0.00E+00	7.63E+00
Cs-137	<9.22E+00	0.00E+00	9.22E+00
BaLa-140	<5.82E+00	0.00E+00	5.82E+00
Be-7	<2.99E+01	0.00E+00	2.99E+01
K-40	1.31E+03	2.17E+02	7.64E+01

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 221 [CONTROL - NW @ 14.5 miles]

Sample ID: 616373 **Sample Dates: 7/16/2024 - 7/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.85E-01	0.00E+00	7.85E-01
I-131	<8.41E+00	0.00E+00	8.41E+00
Cs-134	<7.47E+00	0.00E+00	7.47E+00
Cs-137	<8.87E+00	0.00E+00	8.87E+00
BaLa-140	<1.05E+01	0.00E+00	1.05E+01
Be-7	<5.79E+01	0.00E+00	5.79E+01
K-40	1.36E+03	2.32E+02	1.50E+02

Sample ID: 617039 **Sample Dates: 7/30/2024 - 7/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.06E-01	0.00E+00	6.06E-01
I-131	<6.40E+00	0.00E+00	6.40E+00
Cs-134	<7.95E+00	0.00E+00	7.95E+00
Cs-137	<7.85E+00	0.00E+00	7.85E+00
BaLa-140	<1.09E+01	0.00E+00	1.09E+01
Be-7	<5.51E+01	0.00E+00	5.51E+01
K-40	1.38E+03	2.27E+02	1.11E+02

Sample ID: 618018 **Sample Dates: 8/13/2024 - 8/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.74E-01	0.00E+00	7.74E-01
I-131	<7.65E+00	0.00E+00	7.65E+00
Cs-134	<5.76E+00	0.00E+00	5.76E+00
Cs-137	<7.90E+00	0.00E+00	7.90E+00
BaLa-140	<2.18E+00	0.00E+00	2.18E+00
Be-7	<5.03E+01	0.00E+00	5.03E+01
K-40	1.62E+03	2.47E+02	9.68E+01

Sample ID: 618428 **Sample Dates: 8/27/2024 - 8/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.64E-01	0.00E+00	7.64E-01
I-131	<6.61E+00	0.00E+00	6.61E+00
Cs-134	<1.01E+01	0.00E+00	1.01E+01
Cs-137	<9.25E+00	0.00E+00	9.25E+00
BaLa-140	<5.93E+00	0.00E+00	5.93E+00
Be-7	<4.84E+01	0.00E+00	4.84E+01
K-40	7.97E+02	1.70E+02	1.12E+02

Sample ID: 619784 **Sample Dates: 9/10/2024 - 9/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.48E-01	0.00E+00	7.48E-01
I-131	<7.31E+00	0.00E+00	7.31E+00
Cs-134	<6.36E+00	0.00E+00	6.36E+00
Cs-137	<7.08E+00	0.00E+00	7.08E+00
BaLa-140	<5.91E+00	0.00E+00	5.91E+00
Be-7	<5.32E+01	0.00E+00	5.32E+01
K-40	6.13E+02	1.35E+02	1.75E+01

Sample ID: 620365 **Sample Dates: 9/24/2024 - 9/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.61E+00	0.00E+00	5.61E+00
Cs-134	<7.28E+00	0.00E+00	7.28E+00
Cs-137	<5.90E+00	0.00E+00	5.90E+00
BaLa-140	<1.22E+01	0.00E+00	1.22E+01
Be-7	<4.23E+01	0.00E+00	4.23E+01
K-40	1.43E+03	2.31E+02	9.12E+01

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID: 608913 **Sample Dates: 4/23/2024 - 4/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.60E+01	0.00E+00	7.60E+01
Co-58	<8.77E+01	0.00E+00	8.77E+01
Fe-59	<1.60E+02	0.00E+00	1.60E+02
Co-60	<8.96E+01	0.00E+00	8.96E+01
Zn-65	<1.78E+02	0.00E+00	1.78E+02
Zr-95	<1.28E+02	0.00E+00	1.28E+02
Nb-95	<9.92E+01	0.00E+00	9.92E+01
I-131	<2.81E+02	0.00E+00	2.81E+02
Cs-134	<1.14E+02	0.00E+00	1.14E+02

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	608913	Sample Dates: 4/23/2024 - 4/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<6.19E+01	0.00E+00	6.19E+01
			Be-7	<6.19E+02	0.00E+00	6.19E+02
			K-40	1.17E+04	1.93E+03	1.05E+03
			Co-57	<5.94E+01	0.00E+00	5.94E+01
			Mo-99	<3.88E+04	0.00E+00	3.88E+04
			Ag-110M	<6.25E+01	0.00E+00	6.25E+01
			Sb-122	<6.11E+03	0.00E+00	6.11E+03
			Sb-125	<1.59E+02	0.00E+00	1.59E+02

Sample ID:	619503	Sample Dates: 10/22/2024 - 10/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.36E+01	0.00E+00	5.36E+01
			Co-58	<7.24E+01	0.00E+00	7.24E+01
			Fe-59	<1.29E+02	0.00E+00	1.29E+02
			Co-60	1.81E+02	4.94E+01	3.39E+01
			Zn-65	<1.10E+02	0.00E+00	1.10E+02
			Zr-95	<1.14E+02	0.00E+00	1.14E+02
			Nb-95	<7.82E+01	0.00E+00	7.82E+01
			I-131	<2.88E+02	0.00E+00	2.88E+02
			Cs-134	<5.56E+01	0.00E+00	5.56E+01
			Cs-137	<4.50E+01	0.00E+00	4.50E+01
			Be-7	<4.48E+02	0.00E+00	4.48E+02
			K-40	1.70E+04	1.98E+03	6.65E+02
			Co-57	<3.54E+01	0.00E+00	3.54E+01
			Mo-99	<1.06E+05	0.00E+00	1.06E+05
			Ag-110M	<3.56E+01	0.00E+00	3.56E+01
			Sb-122	<1.56E+04	0.00E+00	1.56E+04
			Sb-125	<9.26E+01	0.00E+00	9.26E+01

Sample Point 210 [INDICATOR - SE @ 2.31 miles]

Sample ID:	608914	Sample Dates: 4/23/2024 - 4/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.29E+01	0.00E+00	5.29E+01
			Co-58	<5.91E+01	0.00E+00	5.91E+01
			Fe-59	<1.28E+02	0.00E+00	1.28E+02
			Co-60	<6.00E+01	0.00E+00	6.00E+01
			Zn-65	<1.26E+02	0.00E+00	1.26E+02
			Zr-95	<9.89E+01	0.00E+00	9.89E+01
			Nb-95	<7.94E+01	0.00E+00	7.94E+01
			I-131	<1.77E+02	0.00E+00	1.77E+02
			Cs-134	<6.13E+01	0.00E+00	6.13E+01
			Cs-137	<4.16E+01	0.00E+00	4.16E+01
			Be-7	<4.80E+02	0.00E+00	4.80E+02
			K-40	1.09E+04	1.74E+03	9.87E+02
			Co-57	<4.56E+01	0.00E+00	4.56E+01
			Mo-99	<3.12E+04	0.00E+00	3.12E+04
			Ag-110M	<5.13E+01	0.00E+00	5.13E+01
			Sb-122	<4.62E+03	0.00E+00	4.62E+03
			Sb-125	<1.27E+02	0.00E+00	1.27E+02

Sample ID:	619504	Sample Dates: 10/22/2024 - 10/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.89E+01	0.00E+00	4.89E+01
			Co-58	<6.02E+01	0.00E+00	6.02E+01
			Fe-59	<1.65E+02	0.00E+00	1.65E+02
			Co-60	<5.44E+01	0.00E+00	5.44E+01
			Zn-65	<1.41E+02	0.00E+00	1.41E+02
			Zr-95	<1.16E+02	0.00E+00	1.16E+02
			Nb-95	<6.29E+01	0.00E+00	6.29E+01
			I-131	<3.13E+02	0.00E+00	3.13E+02
			Cs-134	<6.48E+01	0.00E+00	6.48E+01
			Cs-137	<6.59E+01	0.00E+00	6.59E+01
			Be-7	<6.26E+02	0.00E+00	6.26E+02
			K-40	1.05E+04	1.67E+03	1.36E+02
			Co-57	<4.11E+01	0.00E+00	4.11E+01
			Mo-99	<9.32E+04	0.00E+00	9.32E+04
			Ag-110M	<5.75E+01	0.00E+00	5.75E+01

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg

Sample Point 210 [INDICATOR - SE @ 2.31 miles]

Sample ID:	619504	Sample Dates: 10/22/2024 - 10/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Sb-122	<2.52E+04	0.00E+00	2.52E+04
			Sb-125	<1.24E+02	0.00E+00	1.24E+02

Sample Point 262 [CONTROL - NNE @ 4.19 miles]

Sample ID:	608915	Sample Dates: 4/23/2024 - 4/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.34E+01	0.00E+00	7.34E+01
			Co-58	<7.54E+01	0.00E+00	7.54E+01
			Fe-59	<1.29E+02	0.00E+00	1.29E+02
			Co-60	<4.98E+01	0.00E+00	4.98E+01
			Zn-65	<1.34E+02	0.00E+00	1.34E+02
			Zr-95	<1.37E+02	0.00E+00	1.37E+02
			Nb-95	<9.03E+01	0.00E+00	9.03E+01
			I-131	<1.96E+02	0.00E+00	1.96E+02
			Cs-134	<1.18E+02	0.00E+00	1.18E+02
			Cs-137	<5.79E+01	0.00E+00	5.79E+01
			Be-7	<6.29E+02	0.00E+00	6.29E+02
			K-40	7.24E+03	1.32E+03	5.51E+02
			Co-57	<5.82E+01	0.00E+00	5.82E+01
			Mo-99	<3.63E+04	0.00E+00	3.63E+04
			Ag-110M	<5.37E+01	0.00E+00	5.37E+01
			Sb-122	<6.12E+03	0.00E+00	6.12E+03
			Sb-125	<1.83E+02	0.00E+00	1.83E+02
Sample ID:	**619505**	**Sample Dates: 10/22/2024 - 10/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<8.88E+01	0.00E+00	8.88E+01
			Co-58	<1.01E+02	0.00E+00	1.01E+02
			Fe-59	<2.42E+02	0.00E+00	2.42E+02
			Co-60	<8.53E+01	0.00E+00	8.53E+01
			Zn-65	<1.41E+02	0.00E+00	1.41E+02
			Zr-95	<1.60E+02	0.00E+00	1.60E+02
			Nb-95	<1.28E+02	0.00E+00	1.28E+02
			I-131	<5.35E+02	0.00E+00	5.35E+02
			Cs-134	<5.67E+01	0.00E+00	5.67E+01
			Cs-137	<7.72E+01	0.00E+00	7.72E+01
			Be-7	<8.97E+02	0.00E+00	8.97E+02
			K-40	7.96E+03	1.61E+03	1.31E+03
			Co-57	<7.83E+01	0.00E+00	7.83E+01
			Mo-99	<1.92E+05	0.00E+00	1.92E+05
			Ag-110M	<7.06E+01	0.00E+00	7.06E+01
			Sb-122	<3.18E+04	0.00E+00	3.18E+04
			Sb-125	<2.24E+02	0.00E+00	2.24E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	604098	Sample Dates: 12/28/2023 - 1/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<3.26E+00	0.00E+00	3.26E+00
			Co-58	<4.84E+00	0.00E+00	4.84E+00
			Fe-59	<7.79E+00	0.00E+00	7.79E+00
			Co-60	<3.87E+00	0.00E+00	3.87E+00
			Zn-65	<7.72E+00	0.00E+00	7.72E+00
			Zr-95	<5.60E+00	0.00E+00	5.60E+00
			Nb-95	<3.65E+00	0.00E+00	3.65E+00
			I-131	<1.24E+01	0.00E+00	1.24E+01
			Cs-134	<3.35E+00	0.00E+00	3.35E+00
			Cs-137	<3.06E+00	0.00E+00	3.06E+00
			BaLa-140	<7.70E+00	0.00E+00	7.70E+00
			Be-7	<3.00E+01	0.00E+00	3.00E+01
			K-40	8.78E+01	3.66E+01	4.23E+01
Sample ID:	**605329**	**Sample Dates: 1/23/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.38E+00	0.00E+00	3.38E+00
			Co-58	<3.64E+00	0.00E+00	3.64E+00
			Fe-59	<8.16E+00	0.00E+00	8.16E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID: 605329 **Sample Dates: 1/23/2024 - 2/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Co-60	<3.03E+00	0.00E+00	3.03E+00
Zn-65	<6.17E+00	0.00E+00	6.17E+00
Zr-95	<5.93E+00	0.00E+00	5.93E+00
Nb-95	<3.23E+00	0.00E+00	3.23E+00
I-131	<1.20E+01	0.00E+00	1.20E+01
Cs-134	<3.66E+00	0.00E+00	3.66E+00
Cs-137	<3.45E+00	0.00E+00	3.45E+00
BaLa-140	<7.62E+00	0.00E+00	7.62E+00
Be-7	<3.29E+01	0.00E+00	3.29E+01
K-40	8.47E+01	3.81E+01	5.00E+01

Sample ID: 609117 **Sample Dates: 2/20/2024 - 3/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.07E+00	0.00E+00	3.07E+00
Co-58	<3.39E+00	0.00E+00	3.39E+00
Fe-59	<5.15E+00	0.00E+00	5.15E+00
Co-60	<2.63E+00	0.00E+00	2.63E+00
Zn-65	<5.67E+00	0.00E+00	5.67E+00
Zr-95	<6.81E+00	0.00E+00	6.81E+00
Nb-95	<3.51E+00	0.00E+00	3.51E+00
I-131	<1.21E+01	0.00E+00	1.21E+01
Cs-134	<3.81E+00	0.00E+00	3.81E+00
Cs-137	<3.80E+00	0.00E+00	3.80E+00
BaLa-140	<6.35E+00	0.00E+00	6.35E+00
Be-7	<3.10E+01	0.00E+00	3.10E+01
K-40	7.89E+01	3.04E+01	2.90E+01

Sample ID: 605069 **Sample Dates: 12/28/2023 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	1.33E+04	3.60E+02	2.08E+02

Sample ID: 610572 **Sample Dates: 3/19/2024 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.55E+00	0.00E+00	3.55E+00
Co-58	<4.18E+00	0.00E+00	4.18E+00
Fe-59	<7.93E+00	0.00E+00	7.93E+00
Co-60	<3.65E+00	0.00E+00	3.65E+00
Zn-65	<8.77E+00	0.00E+00	8.77E+00
Zr-95	<8.93E+00	0.00E+00	8.93E+00
Nb-95	<5.39E+00	0.00E+00	5.39E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<4.66E+00	0.00E+00	4.66E+00
Cs-137	<3.44E+00	0.00E+00	3.44E+00
BaLa-140	<9.69E+00	0.00E+00	9.69E+00
Be-7	<3.91E+01	0.00E+00	3.91E+01
K-40	<6.96E+01	0.00E+00	6.96E+01

Sample ID: 612052 **Sample Dates: 4/16/2024 - 5/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.63E+00	0.00E+00	4.63E+00
Co-58	<3.33E+00	0.00E+00	3.33E+00
Fe-59	<1.09E+01	0.00E+00	1.09E+01
Co-60	<4.04E+00	0.00E+00	4.04E+00
Zn-65	<1.14E+01	0.00E+00	1.14E+01
Zr-95	<7.85E+00	0.00E+00	7.85E+00
Nb-95	<4.94E+00	0.00E+00	4.94E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.84E+00	0.00E+00	3.84E+00
Cs-137	<2.94E+00	0.00E+00	2.94E+00
BaLa-140	<1.16E+01	0.00E+00	1.16E+01
Be-7	<4.53E+01	0.00E+00	4.53E+01
K-40	1.39E+02	4.90E+01	4.81E+01

Sample ID: 613666 **Sample Dates: 5/14/2024 - 6/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.74E+00	0.00E+00	2.74E+00
Co-58	<4.48E+00	0.00E+00	4.48E+00
Fe-59	<8.84E+00	0.00E+00	8.84E+00
Co-60	<3.67E+00	0.00E+00	3.67E+00
Zn-65	<8.85E+00	0.00E+00	8.85E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID:	613666	Sample Dates: 5/14/2024 - 6/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			Zr-95	<8.73E+00	0.00E+00	8.73E+00
			Nb-95	<5.04E+00	0.00E+00	5.04E+00
			I-131	<1.30E+01	0.00E+00	1.30E+01
			Cs-134	<4.23E+00	0.00E+00	4.23E+00
			Cs-137	<4.46E+00	0.00E+00	4.46E+00
			BaLa-140	<1.03E+01	0.00E+00	1.03E+01
			Be-7	<3.99E+01	0.00E+00	3.99E+01
			K-40	6.66E+01	3.81E+01	4.67E+01
Sample ID:	**612055**	**Sample Dates: 4/16/2024 - 7/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	6.43E+03	2.60E+02	1.93E+02
Sample ID:	**614863**	**Sample Dates: 6/11/2024 - 7/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.45E+00	0.00E+00	3.45E+00
			Co-58	<4.18E+00	0.00E+00	4.18E+00
			Fe-59	<7.48E+00	0.00E+00	7.48E+00
			Co-60	<4.86E+00	0.00E+00	4.86E+00
			Zn-65	<8.93E+00	0.00E+00	8.93E+00
			Zr-95	<8.01E+00	0.00E+00	8.01E+00
			Nb-95	<4.03E+00	0.00E+00	4.03E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<3.62E+00	0.00E+00	3.62E+00
			Cs-137	<2.53E+00	0.00E+00	2.53E+00
			BaLa-140	<7.30E+00	0.00E+00	7.30E+00
			Be-7	<3.38E+01	0.00E+00	3.38E+01
			K-40	1.02E+02	4.02E+01	3.96E+01
Sample ID:	**616865**	**Sample Dates: 7/9/2024 - 8/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.58E+00	0.00E+00	4.58E+00
			Co-58	<5.64E+00	0.00E+00	5.64E+00
			Fe-59	<1.05E+01	0.00E+00	1.05E+01
			Co-60	<3.11E+00	0.00E+00	3.11E+00
			Zn-65	<6.65E+00	0.00E+00	6.65E+00
			Zr-95	<1.00E+01	0.00E+00	1.00E+01
			Nb-95	<4.74E+00	0.00E+00	4.74E+00
			I-131	<1.30E+01	0.00E+00	1.30E+01
			Cs-134	<4.44E+00	0.00E+00	4.44E+00
			Cs-137	<3.68E+00	0.00E+00	3.68E+00
			BaLa-140	<1.32E+01	0.00E+00	1.32E+01
			Be-7	<4.86E+01	0.00E+00	4.86E+01
			K-40	<9.07E+01	0.00E+00	9.07E+01
Sample ID:	**618329**	**Sample Dates: 8/6/2024 - 9/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.57E+00	0.00E+00	2.57E+00
			Co-58	<2.86E+00	0.00E+00	2.86E+00
			Fe-59	<6.23E+00	0.00E+00	6.23E+00
			Co-60	<3.92E+00	0.00E+00	3.92E+00
			Zn-65	<4.80E+00	0.00E+00	4.80E+00
			Zr-95	<4.57E+00	0.00E+00	4.57E+00
			Nb-95	<3.71E+00	0.00E+00	3.71E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<3.02E+00	0.00E+00	3.02E+00
			Cs-137	<2.74E+00	0.00E+00	2.74E+00
			BaLa-140	<6.54E+00	0.00E+00	6.54E+00
			Be-7	<2.46E+01	0.00E+00	2.46E+01
			K-40	6.16E+01	2.96E+01	4.04E+01
Sample ID:	**617215**	**Sample Dates: 7/9/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	1.22E+04	3.26E+02	1.82E+02
Sample ID:	**620262**	**Sample Dates: 9/4/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.39E+00	0.00E+00	3.39E+00
			Co-58	<2.93E+00	0.00E+00	2.93E+00
			Fe-59	<6.91E+00	0.00E+00	6.91E+00
			Co-60	<4.09E+00	0.00E+00	4.09E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 208 [INDICATOR - S @ 0.45 miles]

Sample ID: 620262 **Sample Dates: 9/4/2024 - 10/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<6.55E+00	0.00E+00	6.55E+00
Zr-95	<5.95E+00	0.00E+00	5.95E+00
Nb-95	<4.50E+00	0.00E+00	4.50E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.10E+00	0.00E+00	4.10E+00
Cs-137	<3.86E+00	0.00E+00	3.86E+00
BaLa-140	<8.48E+00	0.00E+00	8.48E+00
Be-7	<4.12E+01	0.00E+00	4.12E+01
K-40	1.14E+02	4.21E+01	4.24E+01

Sample ID: 621844 **Sample Dates: 10/1/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.68E+00	0.00E+00	2.68E+00
Co-58	<3.43E+00	0.00E+00	3.43E+00
Fe-59	<5.03E+00	0.00E+00	5.03E+00
Co-60	<2.22E+00	0.00E+00	2.22E+00
Zn-65	<6.96E+00	0.00E+00	6.96E+00
Zr-95	<6.34E+00	0.00E+00	6.34E+00
Nb-95	<3.50E+00	0.00E+00	3.50E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<2.38E+00	0.00E+00	2.38E+00
Cs-137	<3.15E+00	0.00E+00	3.15E+00
BaLa-140	<5.97E+00	0.00E+00	5.97E+00
Be-7	<3.30E+01	0.00E+00	3.30E+01
K-40	1.02E+02	3.94E+01	4.39E+01

Sample ID: 623019 **Sample Dates: 10/29/2024 - 11/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.43E+00	0.00E+00	2.43E+00
Co-58	<2.56E+00	0.00E+00	2.56E+00
Fe-59	<5.70E+00	0.00E+00	5.70E+00
Co-60	<2.63E+00	0.00E+00	2.63E+00
Zn-65	<5.48E+00	0.00E+00	5.48E+00
Zr-95	<4.81E+00	0.00E+00	4.81E+00
Nb-95	<2.88E+00	0.00E+00	2.88E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<2.85E+00	0.00E+00	2.85E+00
Cs-137	<2.69E+00	0.00E+00	2.69E+00
BaLa-140	<6.82E+00	0.00E+00	6.82E+00
Be-7	<3.00E+01	0.00E+00	3.00E+01
K-40	8.41E+01	2.93E+01	3.71E+01

Sample ID: 622557 **Sample Dates: 10/1/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	6.68E+03	2.52E+02	1.88E+02

Sample ID: 624907 **Sample Dates: 11/26/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.88E+00	0.00E+00	2.88E+00
Co-58	<2.99E+00	0.00E+00	2.99E+00
Fe-59	<5.81E+00	0.00E+00	5.81E+00
Co-60	<2.34E+00	0.00E+00	2.34E+00
Zn-65	<5.35E+00	0.00E+00	5.35E+00
Zr-95	<5.16E+00	0.00E+00	5.16E+00
Nb-95	<3.48E+00	0.00E+00	3.48E+00
I-131	<1.20E+01	0.00E+00	1.20E+01
Cs-134	<3.79E+00	0.00E+00	3.79E+00
Cs-137	<3.15E+00	0.00E+00	3.15E+00
BaLa-140	<7.24E+00	0.00E+00	7.24E+00
Be-7	<3.09E+01	0.00E+00	3.09E+01
K-40	7.40E+01	3.20E+01	4.15E+01

Sample Point 211 [INDICATOR - ESE @ 4.06 miles]

Sample ID: 604099 **Sample Dates: 12/28/2023 - 1/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.05E+00	0.00E+00	4.05E+00
Co-58	<4.44E+00	0.00E+00	4.44E+00
Fe-59	<4.43E+00	0.00E+00	4.43E+00
Co-60	<4.42E+00	0.00E+00	4.42E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 211 [INDICATOR - ESE @ 4.06 miles]

Sample ID: 604099 **Sample Dates: 12/28/2023 - 1/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<8.62E+00	0.00E+00	8.62E+00
Zr-95	<7.52E+00	0.00E+00	7.52E+00
Nb-95	<5.48E+00	0.00E+00	5.48E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<5.04E+00	0.00E+00	5.04E+00
Cs-137	<3.94E+00	0.00E+00	3.94E+00
BaLa-140	<7.34E+00	0.00E+00	7.34E+00
Be-7	<2.96E+01	0.00E+00	2.96E+01
K-40	<6.81E+01	0.00E+00	6.81E+01

Sample ID: 605330 **Sample Dates: 1/23/2024 - 2/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.30E+00	0.00E+00	3.30E+00
Co-58	<3.50E+00	0.00E+00	3.50E+00
Fe-59	<7.57E+00	0.00E+00	7.57E+00
Co-60	<3.88E+00	0.00E+00	3.88E+00
Zn-65	<7.82E+00	0.00E+00	7.82E+00
Zr-95	<8.19E+00	0.00E+00	8.19E+00
Nb-95	<4.51E+00	0.00E+00	4.51E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<3.37E+00	0.00E+00	3.37E+00
Cs-137	<4.25E+00	0.00E+00	4.25E+00
BaLa-140	<6.04E+00	0.00E+00	6.04E+00
Be-7	<3.02E+01	0.00E+00	3.02E+01
K-40	<7.23E+01	0.00E+00	7.23E+01

Sample ID: 609118 **Sample Dates: 2/20/2024 - 3/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.36E+00	0.00E+00	3.36E+00
Co-58	<2.61E+00	0.00E+00	2.61E+00
Fe-59	<7.94E+00	0.00E+00	7.94E+00
Co-60	<3.56E+00	0.00E+00	3.56E+00
Zn-65	<7.17E+00	0.00E+00	7.17E+00
Zr-95	<4.63E+00	0.00E+00	4.63E+00
Nb-95	<4.52E+00	0.00E+00	4.52E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<3.10E+00	0.00E+00	3.10E+00
Cs-137	<3.47E+00	0.00E+00	3.47E+00
BaLa-140	<7.88E+00	0.00E+00	7.88E+00
Be-7	<3.54E+01	0.00E+00	3.54E+01
K-40	1.02E+02	4.13E+01	5.08E+01

Sample ID: 605070 **Sample Dates: 12/28/2023 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	6.04E+02	1.41E+02	2.08E+02

Sample ID: 610573 **Sample Dates: 3/19/2024 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.80E+00	0.00E+00	4.80E+00
Co-58	<4.08E+00	0.00E+00	4.08E+00
Fe-59	<9.06E+00	0.00E+00	9.06E+00
Co-60	<3.97E+00	0.00E+00	3.97E+00
Zn-65	<8.54E+00	0.00E+00	8.54E+00
Zr-95	<9.69E+00	0.00E+00	9.69E+00
Nb-95	<5.49E+00	0.00E+00	5.49E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.86E+00	0.00E+00	3.86E+00
Cs-137	<2.88E+00	0.00E+00	2.88E+00
BaLa-140	<8.11E+00	0.00E+00	8.11E+00
Be-7	<3.89E+01	0.00E+00	3.89E+01
K-40	1.15E+02	4.58E+01	4.64E+01

Sample ID: 612053 **Sample Dates: 4/16/2024 - 5/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.15E+00	0.00E+00	3.15E+00
Co-58	<3.20E+00	0.00E+00	3.20E+00
Fe-59	<8.51E+00	0.00E+00	8.51E+00
Co-60	<3.66E+00	0.00E+00	3.66E+00
Zn-65	<4.58E+00	0.00E+00	4.58E+00
Zr-95	<7.26E+00	0.00E+00	7.26E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 211 [INDICATOR - ESE @ 4.06 miles]

Sample ID: 612053 Sample Dates: 4/16/2024 - 5/14/2024

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<3.73E+00	0.00E+00	3.73E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.63E+00	0.00E+00	3.63E+00
Cs-137	<3.30E+00	0.00E+00	3.30E+00
BaLa-140	<8.08E+00	0.00E+00	8.08E+00
Be-7	<2.25E+01	0.00E+00	2.25E+01
K-40	9.94E+01	4.08E+01	4.96E+01

Sample ID: 613667 Sample Dates: 5/14/2024 - 6/11/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.44E+00	0.00E+00	3.44E+00
Co-58	<3.61E+00	0.00E+00	3.61E+00
Fe-59	<6.73E+00	0.00E+00	6.73E+00
Co-60	<3.39E+00	0.00E+00	3.39E+00
Zn-65	<6.88E+00	0.00E+00	6.88E+00
Zr-95	<6.97E+00	0.00E+00	6.97E+00
Nb-95	<3.66E+00	0.00E+00	3.66E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<3.71E+00	0.00E+00	3.71E+00
Cs-137	<3.25E+00	0.00E+00	3.25E+00
BaLa-140	<7.85E+00	0.00E+00	7.85E+00
Be-7	<3.46E+01	0.00E+00	3.46E+01
K-40	1.03E+02	3.28E+01	2.46E+01

Sample ID: 612056 Sample Dates: 4/16/2024 - 7/9/2024

Nuclide	Activity	2 Sigma Error	MDA
H3SW	5.78E+02	1.32E+02	1.93E+02

Sample ID: 614864 Sample Dates: 6/11/2024 - 7/9/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.19E+00	0.00E+00	3.19E+00
Co-58	<3.85E+00	0.00E+00	3.85E+00
Fe-59	<7.73E+00	0.00E+00	7.73E+00
Co-60	<4.22E+00	0.00E+00	4.22E+00
Zn-65	<8.98E+00	0.00E+00	8.98E+00
Zr-95	<6.83E+00	0.00E+00	6.83E+00
Nb-95	<4.68E+00	0.00E+00	4.68E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.51E+00	0.00E+00	4.51E+00
Cs-137	<3.40E+00	0.00E+00	3.40E+00
BaLa-140	<1.07E+01	0.00E+00	1.07E+01
Be-7	<2.77E+01	0.00E+00	2.77E+01
K-40	7.17E+01	3.60E+01	4.30E+01

Sample ID: 616866 Sample Dates: 7/9/2024 - 8/6/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.31E+00	0.00E+00	3.31E+00
Co-58	<3.79E+00	0.00E+00	3.79E+00
Fe-59	<5.23E+00	0.00E+00	5.23E+00
Co-60	<1.62E+00	0.00E+00	1.62E+00
Zn-65	<7.36E+00	0.00E+00	7.36E+00
Zr-95	<5.15E+00	0.00E+00	5.15E+00
Nb-95	<3.87E+00	0.00E+00	3.87E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<4.00E+00	0.00E+00	4.00E+00
Cs-137	<2.90E+00	0.00E+00	2.90E+00
BaLa-140	<6.59E+00	0.00E+00	6.59E+00
Be-7	<3.11E+01	0.00E+00	3.11E+01
K-40	7.82E+01	3.74E+01	4.88E+01

Sample ID: 618330 Sample Dates: 8/6/2024 - 9/4/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.18E+00	0.00E+00	2.18E+00
Co-58	<2.16E+00	0.00E+00	2.16E+00
Fe-59	<6.19E+00	0.00E+00	6.19E+00
Co-60	<1.70E+00	0.00E+00	1.70E+00
Zn-65	<5.39E+00	0.00E+00	5.39E+00
Zr-95	<5.04E+00	0.00E+00	5.04E+00
Nb-95	<3.17E+00	0.00E+00	3.17E+00
I-131	<1.27E+01	0.00E+00	1.27E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 211 [INDICATOR - ESE @ 4.06 miles]

Sample ID:	618330	Sample Dates: 8/6/2024 - 9/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<2.58E+00	0.00E+00	2.58E+00
			Cs-137	<2.39E+00	0.00E+00	2.39E+00
			BaLa-140	<5.21E+00	0.00E+00	5.21E+00
			Be-7	<2.51E+01	0.00E+00	2.51E+01
			K-40	7.21E+01	2.74E+01	3.43E+01
Sample ID:	**617216**	**Sample Dates: 7/9/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	6.67E+02	1.28E+02	1.82E+02
Sample ID:	**620263**	**Sample Dates: 9/4/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.16E+00	0.00E+00	4.16E+00
			Co-58	<4.95E+00	0.00E+00	4.95E+00
			Fe-59	<9.33E+00	0.00E+00	9.33E+00
			Co-60	<3.86E+00	0.00E+00	3.86E+00
			Zn-65	<7.08E+00	0.00E+00	7.08E+00
			Zr-95	<8.10E+00	0.00E+00	8.10E+00
			Nb-95	<5.85E+00	0.00E+00	5.85E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<4.82E+00	0.00E+00	4.82E+00
			Cs-137	<3.68E+00	0.00E+00	3.68E+00
			BaLa-140	<1.17E+01	0.00E+00	1.17E+01
			Be-7	<3.80E+01	0.00E+00	3.80E+01
			K-40	9.35E+01	4.09E+01	4.25E+01
Sample ID:	**621845**	**Sample Dates: 10/1/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.27E+00	0.00E+00	3.27E+00
			Co-58	<3.03E+00	0.00E+00	3.03E+00
			Fe-59	<7.50E+00	0.00E+00	7.50E+00
			Co-60	<2.29E+00	0.00E+00	2.29E+00
			Zn-65	<6.17E+00	0.00E+00	6.17E+00
			Zr-95	<5.82E+00	0.00E+00	5.82E+00
			Nb-95	<4.26E+00	0.00E+00	4.26E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<3.93E+00	0.00E+00	3.93E+00
			Cs-137	<2.90E+00	0.00E+00	2.90E+00
			BaLa-140	<9.48E+00	0.00E+00	9.48E+00
			Be-7	<2.82E+01	0.00E+00	2.82E+01
			K-40	<5.85E+01	0.00E+00	5.85E+01
Sample ID:	**623020**	**Sample Dates: 10/29/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.00E+00	0.00E+00	2.00E+00
			Co-58	<2.15E+00	0.00E+00	2.15E+00
			Fe-59	<3.65E+00	0.00E+00	3.65E+00
			Co-60	<1.96E+00	0.00E+00	1.96E+00
			Zn-65	<3.64E+00	0.00E+00	3.64E+00
			Zr-95	<4.50E+00	0.00E+00	4.50E+00
			Nb-95	<2.92E+00	0.00E+00	2.92E+00
			I-131	<1.11E+01	0.00E+00	1.11E+01
			Cs-134	<2.39E+00	0.00E+00	2.39E+00
			Cs-137	<2.27E+00	0.00E+00	2.27E+00
			BaLa-140	<6.84E+00	0.00E+00	6.84E+00
			Be-7	<2.49E+01	0.00E+00	2.49E+01
			K-40	5.50E+01	2.34E+01	3.13E+01
Sample ID:	**622558**	**Sample Dates: 10/1/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	5.05E+02	1.26E+02	1.88E+02
Sample ID:	**624908**	**Sample Dates: 11/26/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.91E+00	0.00E+00	2.91E+00
			Co-58	<3.43E+00	0.00E+00	3.43E+00
			Fe-59	<6.86E+00	0.00E+00	6.86E+00
			Co-60	<2.74E+00	0.00E+00	2.74E+00
			Zn-65	<6.10E+00	0.00E+00	6.10E+00
			Zr-95	<5.45E+00	0.00E+00	5.45E+00
			Nb-95	<3.69E+00	0.00E+00	3.69E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 211 [INDICATOR - ESE @ 4.06 miles]

Sample ID: 624908 **Sample Dates: 11/26/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<1.26E+01	0.00E+00	1.26E+01
Cs-134	<3.14E+00	0.00E+00	3.14E+00
Cs-137	<3.05E+00	0.00E+00	3.05E+00
BaLa-140	<7.93E+00	0.00E+00	7.93E+00
Be-7	<2.89E+01	0.00E+00	2.89E+01
K-40	5.28E+01	3.25E+01	4.72E+01

Sample Point 263 [CONTROL - NNE @ 0.59 miles]

Sample ID: 604100 **Sample Dates: 12/28/2023 - 1/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.65E+00	0.00E+00	3.65E+00
Co-58	<3.65E+00	0.00E+00	3.65E+00
Fe-59	<9.81E+00	0.00E+00	9.81E+00
Co-60	<4.69E+00	0.00E+00	4.69E+00
Zn-65	<6.76E+00	0.00E+00	6.76E+00
Zr-95	<7.67E+00	0.00E+00	7.67E+00
Nb-95	<4.60E+00	0.00E+00	4.60E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.23E+00	0.00E+00	4.23E+00
Cs-137	<3.57E+00	0.00E+00	3.57E+00
BaLa-140	<8.55E+00	0.00E+00	8.55E+00
Be-7	<4.38E+01	0.00E+00	4.38E+01
K-40	9.56E+01	4.51E+01	5.72E+01

Sample ID: 605331 **Sample Dates: 1/23/2024 - 2/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.28E+00	0.00E+00	3.28E+00
Co-58	<4.82E+00	0.00E+00	4.82E+00
Fe-59	<9.23E+00	0.00E+00	9.23E+00
Co-60	<5.29E+00	0.00E+00	5.29E+00
Zn-65	<9.75E+00	0.00E+00	9.75E+00
Zr-95	<8.89E+00	0.00E+00	8.89E+00
Nb-95	<6.58E+00	0.00E+00	6.58E+00
I-131	<1.22E+01	0.00E+00	1.22E+01
Cs-134	<5.59E+00	0.00E+00	5.59E+00
Cs-137	<3.64E+00	0.00E+00	3.64E+00
BaLa-140	<8.27E+00	0.00E+00	8.27E+00
Be-7	<3.49E+01	0.00E+00	3.49E+01
K-40	9.77E+01	4.42E+01	4.95E+01

Sample ID: 609119 **Sample Dates: 2/20/2024 - 3/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.80E+00	0.00E+00	3.80E+00
Co-58	<3.86E+00	0.00E+00	3.86E+00
Fe-59	<5.48E+00	0.00E+00	5.48E+00
Co-60	<3.71E+00	0.00E+00	3.71E+00
Zn-65	<6.43E+00	0.00E+00	6.43E+00
Zr-95	<6.18E+00	0.00E+00	6.18E+00
Nb-95	<5.47E+00	0.00E+00	5.47E+00
I-131	<1.23E+01	0.00E+00	1.23E+01
Cs-134	<4.11E+00	0.00E+00	4.11E+00
Cs-137	<2.82E+00	0.00E+00	2.82E+00
BaLa-140	<8.25E+00	0.00E+00	8.25E+00
Be-7	<3.65E+01	0.00E+00	3.65E+01
K-40	9.27E+01	3.82E+01	4.48E+01

Sample ID: 605071 **Sample Dates: 12/28/2023 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	2.58E+02	1.29E+02	2.07E+02

Sample ID: 610574 **Sample Dates: 3/19/2024 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.43E+00	0.00E+00	3.43E+00
Co-58	<4.12E+00	0.00E+00	4.12E+00
Fe-59	<6.29E+00	0.00E+00	6.29E+00
Co-60	<3.44E+00	0.00E+00	3.44E+00
Zn-65	<8.19E+00	0.00E+00	8.19E+00
Zr-95	<7.49E+00	0.00E+00	7.49E+00
Nb-95	<4.22E+00	0.00E+00	4.22E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 263 [CONTROL - NNE @ 0.59 miles]

Sample ID: 610574 **Sample Dates: 3/19/2024 - 4/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<1.20E+01	0.00E+00	1.20E+01
Cs-134	<3.63E+00	0.00E+00	3.63E+00
Cs-137	<2.76E+00	0.00E+00	2.76E+00
BaLa-140	<8.55E+00	0.00E+00	8.55E+00
Be-7	<3.32E+01	0.00E+00	3.32E+01
K-40	6.58E+01	3.51E+01	4.67E+01

Sample ID: 612054 **Sample Dates: 4/16/2024 - 5/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.15E+00	0.00E+00	4.15E+00
Co-58	<4.46E+00	0.00E+00	4.46E+00
Fe-59	<9.01E+00	0.00E+00	9.01E+00
Co-60	<2.74E+00	0.00E+00	2.74E+00
Zn-65	<7.41E+00	0.00E+00	7.41E+00
Zr-95	<6.73E+00	0.00E+00	6.73E+00
Nb-95	<4.98E+00	0.00E+00	4.98E+00
I-131	<1.26E+01	0.00E+00	1.26E+01
Cs-134	<3.51E+00	0.00E+00	3.51E+00
Cs-137	<4.61E+00	0.00E+00	4.61E+00
BaLa-140	<8.88E+00	0.00E+00	8.88E+00
Be-7	<3.77E+01	0.00E+00	3.77E+01
K-40	1.06E+02	4.54E+01	5.68E+01

Sample ID: 613668 **Sample Dates: 5/14/2024 - 6/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.26E+00	0.00E+00	4.26E+00
Co-58	<4.31E+00	0.00E+00	4.31E+00
Fe-59	<9.13E+00	0.00E+00	9.13E+00
Co-60	<8.85E-01	0.00E+00	8.85E-01
Zn-65	<7.90E+00	0.00E+00	7.90E+00
Zr-95	<8.75E+00	0.00E+00	8.75E+00
Nb-95	<4.01E+00	0.00E+00	4.01E+00
I-131	<1.13E+01	0.00E+00	1.13E+01
Cs-134	<4.30E+00	0.00E+00	4.30E+00
Cs-137	<3.76E+00	0.00E+00	3.76E+00
BaLa-140	<9.84E+00	0.00E+00	9.84E+00
Be-7	<4.33E+01	0.00E+00	4.33E+01
K-40	<6.91E+01	0.00E+00	6.91E+01

Sample ID: 612057 **Sample Dates: 4/16/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	3.95E+02	1.26E+02	1.93E+02

Sample ID: 614865 **Sample Dates: 6/11/2024 - 7/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.41E+00	0.00E+00	4.41E+00
Co-58	<4.55E+00	0.00E+00	4.55E+00
Fe-59	<8.33E+00	0.00E+00	8.33E+00
Co-60	<3.24E+00	0.00E+00	3.24E+00
Zn-65	<7.82E+00	0.00E+00	7.82E+00
Zr-95	<8.38E+00	0.00E+00	8.38E+00
Nb-95	<5.64E+00	0.00E+00	5.64E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<3.30E+00	0.00E+00	3.30E+00
Cs-137	<3.68E+00	0.00E+00	3.68E+00
BaLa-140	<9.76E+00	0.00E+00	9.76E+00
Be-7	<4.42E+01	0.00E+00	4.42E+01
K-40	7.23E+01	3.88E+01	4.87E+01

Sample ID: 616867 **Sample Dates: 7/9/2024 - 8/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.58E+00	0.00E+00	3.58E+00
Co-58	<3.35E+00	0.00E+00	3.35E+00
Fe-59	<8.29E+00	0.00E+00	8.29E+00
Co-60	<4.20E+00	0.00E+00	4.20E+00
Zn-65	<7.41E+00	0.00E+00	7.41E+00
Zr-95	<5.68E+00	0.00E+00	5.68E+00
Nb-95	<4.48E+00	0.00E+00	4.48E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<3.04E+00	0.00E+00	3.04E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 263 [CONTROL - NNE @ 0.59 miles]

Sample ID:	616867	Sample Dates: 7/9/2024 - 8/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<3.68E+00	0.00E+00	3.68E+00
			BaLa-140	<5.99E+00	0.00E+00	5.99E+00
			Be-7	<3.29E+01	0.00E+00	3.29E+01
			K-40	7.02E+01	3.53E+01	4.55E+01
Sample ID:	**618331**	**Sample Dates: 8/6/2024 - 9/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<1.84E+00	0.00E+00	1.84E+00
			Co-58	<2.38E+00	0.00E+00	2.38E+00
			Fe-59	<4.64E+00	0.00E+00	4.64E+00
			Co-60	<2.15E+00	0.00E+00	2.15E+00
			Zn-65	<4.13E+00	0.00E+00	4.13E+00
			Zr-95	<4.60E+00	0.00E+00	4.60E+00
			Nb-95	<2.95E+00	0.00E+00	2.95E+00
			I-131	<1.21E+01	0.00E+00	1.21E+01
			Cs-134	<2.84E+00	0.00E+00	2.84E+00
			Cs-137	<2.10E+00	0.00E+00	2.10E+00
			BaLa-140	<5.65E+00	0.00E+00	5.65E+00
			Be-7	<2.43E+01	0.00E+00	2.43E+01
			K-40	6.11E+01	2.42E+01	3.05E+01
Sample ID:	**617217**	**Sample Dates: 7/9/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	5.47E+02	1.24E+02	1.81E+02
Sample ID:	**620264**	**Sample Dates: 9/4/2024 - 10/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.92E+00	0.00E+00	3.92E+00
			Co-58	<3.11E+00	0.00E+00	3.11E+00
			Fe-59	<8.00E+00	0.00E+00	8.00E+00
			Co-60	<3.77E+00	0.00E+00	3.77E+00
			Zn-65	<1.09E+01	0.00E+00	1.09E+01
			Zr-95	<9.51E+00	0.00E+00	9.51E+00
			Nb-95	<6.45E+00	0.00E+00	6.45E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<4.36E+00	0.00E+00	4.36E+00
			Cs-137	<4.45E+00	0.00E+00	4.45E+00
			BaLa-140	<8.76E+00	0.00E+00	8.76E+00
			Be-7	<3.86E+01	0.00E+00	3.86E+01
			K-40	9.50E+01	4.82E+01	6.27E+01
Sample ID:	**621846**	**Sample Dates: 10/1/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.24E+00	0.00E+00	3.24E+00
			Co-58	<4.24E+00	0.00E+00	4.24E+00
			Fe-59	<9.07E+00	0.00E+00	9.07E+00
			Co-60	<2.27E+00	0.00E+00	2.27E+00
			Zn-65	<6.11E+00	0.00E+00	6.11E+00
			Zr-95	<6.35E+00	0.00E+00	6.35E+00
			Nb-95	<5.15E+00	0.00E+00	5.15E+00
			I-131	<1.29E+01	0.00E+00	1.29E+01
			Cs-134	<4.05E+00	0.00E+00	4.05E+00
			Cs-137	<4.04E+00	0.00E+00	4.04E+00
			BaLa-140	<1.09E+01	0.00E+00	1.09E+01
			Be-7	<3.10E+01	0.00E+00	3.10E+01
			K-40	5.71E+01	3.88E+01	5.44E+01
Sample ID:	**623021**	**Sample Dates: 10/29/2024 - 11/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.20E+00	0.00E+00	2.20E+00
			Co-58	<1.93E+00	0.00E+00	1.93E+00
			Fe-59	<4.53E+00	0.00E+00	4.53E+00
			Co-60	<1.89E+00	0.00E+00	1.89E+00
			Zn-65	<3.77E+00	0.00E+00	3.77E+00
			Zr-95	<3.77E+00	0.00E+00	3.77E+00
			Nb-95	<2.58E+00	0.00E+00	2.58E+00
			I-131	<1.12E+01	0.00E+00	1.12E+01
			Cs-134	<1.95E+00	0.00E+00	1.95E+00
			Cs-137	<1.75E+00	0.00E+00	1.75E+00
			BaLa-140	<4.91E+00	0.00E+00	4.91E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 263 [CONTROL - NNE @ 0.59 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
623021	10/29/2024 - 11/26/2024	Be-7	<1.96E+01	0.00E+00	1.96E+01
		K-40	7.98E+01	2.59E+01	3.37E+01
622559	10/1/2024 - 12/23/2024	H3SW	2.53E+02	1.17E+02	1.87E+02
624910	11/26/2024 - 12/23/2024	Mn-54	<4.02E+00	0.00E+00	4.02E+00
		Co-58	<3.81E+00	0.00E+00	3.81E+00
		Fe-59	<9.06E+00	0.00E+00	9.06E+00
		Co-60	<2.15E+00	0.00E+00	2.15E+00
		Zn-65	<5.63E+00	0.00E+00	5.63E+00
		Zr-95	<4.17E+00	0.00E+00	4.17E+00
		Nb-95	<4.17E+00	0.00E+00	4.17E+00
		I-131	<1.34E+01	0.00E+00	1.34E+01
		Cs-134	<4.56E+00	0.00E+00	4.56E+00
		Cs-137	<3.19E+00	0.00E+00	3.19E+00
		BaLa-140	<1.12E+01	0.00E+00	1.12E+01
		Be-7	<3.57E+01	0.00E+00	3.57E+01
		K-40	7.11E+01	4.08E+01	5.78E+01

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 200 [INDICATOR - NNE @ 0.63 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608577	12/21/2023 - 3/14/2024	mR/Std Qtr	19.18
613755	3/14/2024 - 6/20/2024	mR/Std Qtr	18.83
618934	6/20/2024 - 9/19/2024	mR/Std Qtr	15.23
624256	9/19/2024 - 12/19/2024	mR/Std Qtr	16.26

Sample Point 201 [INDICATOR - NE @ 0.53 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608578	12/21/2023 - 3/14/2024	mR/Std Qtr	20.35
613756	3/14/2024 - 6/20/2024	mR/Std Qtr	16.79
618935	6/20/2024 - 9/19/2024	mR/Std Qtr	14.91
624257	9/19/2024 - 12/19/2024	mR/Std Qtr	15.58

Sample Point 203 [INDICATOR - ESE @ 0.38 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608579	12/21/2023 - 3/14/2024	mR/Std Qtr	19.81
613757	3/14/2024 - 6/20/2024	mR/Std Qtr	18.47
618936	6/20/2024 - 9/19/2024	mR/Std Qtr	17.74
624258	9/19/2024 - 12/19/2024	mR/Std Qtr	17.25

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 204 [INDICATOR - SSW @ 0.48 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608580	12/21/2023 - 3/14/2024	mR/Std Qtr	18.92
613758	3/14/2024 - 6/20/2024	mR/Std Qtr	17.10
618937	6/20/2024 - 9/19/2024	mR/Std Qtr	14.57
624259	9/19/2024 - 12/19/2024	mR/Std Qtr	16.50

Sample Point 205 [INDICATOR - SW @ 0.5 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608581	12/21/2023 - 3/14/2024	mR/Std Qtr	22.82
613759	3/14/2024 - 6/20/2024	mR/Std Qtr	18.85
618938	6/20/2024 - 9/19/2024	mR/Std Qtr	17.84
624260	9/19/2024 - 12/19/2024	mR/Std Qtr	18.93

Sample Point 206 [INDICATOR - WNW @ 0.67 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608582	12/21/2023 - 3/14/2024	mR/Std Qtr	23.34
613760	3/14/2024 - 6/20/2024	mR/Std Qtr	22.13
618939	6/20/2024 - 9/19/2024	mR/Std Qtr	20.76
624261	9/19/2024 - 12/19/2024	mR/Std Qtr	21.61

Sample Point 207 [INDICATOR - NNW @ 0.95 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608583	12/21/2023 - 3/14/2024	mR/Std Qtr	20.36
613761	3/14/2024 - 6/20/2024	mR/Std Qtr	20.41
618940	6/20/2024 - 9/19/2024	mR/Std Qtr	17.08
624262	9/19/2024 - 12/19/2024	mR/Std Qtr	17.86

Sample Point 212 [INDICATOR - E @ 3.32 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608584	12/21/2023 - 3/14/2024	mR/Std Qtr	18.27
613762	3/14/2024 - 6/20/2024	mR/Std Qtr	16.99
618941	6/20/2024 - 9/19/2024	mR/Std Qtr	14.38
624263	9/19/2024 - 12/19/2024	mR/Std Qtr	14.41

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 217 [CONTROL - SSE @ 10.3 miles] — **TLD RING TLD_CTRL**

Sample ID:	Sample Dates:	Nuclide	Activity
608585	12/21/2023 - 3/14/2024	mR/Std Qtr	12.57
613763	3/14/2024 - 6/20/2024	mR/Std Qtr	11.44
618942	6/20/2024 - 9/19/2024	mR/Std Qtr	10.10
624264	9/19/2024 - 12/19/2024	mR/Std Qtr	9.54

Sample Point 222 [INDICATOR - N @ 0.7 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608586	12/21/2023 - 3/14/2024	mR/Std Qtr	19.32
613764	3/14/2024 - 6/20/2024	mR/Std Qtr	17.15
618943	6/20/2024 - 9/19/2024	mR/Std Qtr	15.04
624265	9/19/2024 - 12/19/2024	mR/Std Qtr	18.32

Sample Point 223 [INDICATOR - E @ 0.57 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608587	12/21/2023 - 3/14/2024	mR/Std Qtr	21.06
613765	3/14/2024 - 6/20/2024	mR/Std Qtr	19.58
618944	6/20/2024 - 9/19/2024	mR/Std Qtr	19.26
624266	9/19/2024 - 12/19/2024	mR/Std Qtr	18.42

Sample Point 225 [INDICATOR - SE @ 0.68 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608588	12/21/2023 - 3/14/2024	mR/Std Qtr	21.64
613766	3/14/2024 - 6/20/2024	mR/Std Qtr	18.14
618945	6/20/2024 - 9/19/2024	mR/Std Qtr	16.93
624267	9/19/2024 - 12/19/2024	mR/Std Qtr	20.26

Sample Point 226 [INDICATOR - S @ 0.48 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608589	12/21/2023 - 3/14/2024	mR/Std Qtr	21.68
613767	3/14/2024 - 6/20/2024	mR/Std Qtr	18.33
618946	6/20/2024 - 9/19/2024	mR/Std Qtr	17.41
624268	9/19/2024 - 12/19/2024	mR/Std Qtr	16.30

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 227 [INDICATOR - WSW @ 0.52 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608590	12/21/2023 - 3/14/2024	mR/Std Qtr	20.22
613768	3/14/2024 - 6/20/2024	mR/Std Qtr	16.61
618947	6/20/2024 - 9/19/2024	mR/Std Qtr	15.84
624269	9/19/2024 - 12/19/2024	mR/Std Qtr	14.89

Sample Point 228 [INDICATOR - W @ 0.61 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608591	12/21/2023 - 3/14/2024	mR/Std Qtr	21.75
613769	3/14/2024 - 6/20/2024	mR/Std Qtr	17.60
618948	6/20/2024 - 9/19/2024	mR/Std Qtr	15.37
624270	9/19/2024 - 12/19/2024	mR/Std Qtr	17.81

Sample Point 229 [INDICATOR - NW @ 0.84 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608592	12/21/2023 - 3/14/2024	mR/Std Qtr	23.83
613770	3/14/2024 - 6/20/2024	mR/Std Qtr	23.48
618949	6/20/2024 - 9/19/2024	mR/Std Qtr	15.05
624271	9/19/2024 - 12/19/2024	mR/Std Qtr	21.17

Sample Point 230 [INDICATOR - N @ 4.37 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608593	12/21/2023 - 3/14/2024	mR/Std Qtr	15.78
613771	3/14/2024 - 6/20/2024	mR/Std Qtr	13.45
618950	6/20/2024 - 9/19/2024	mR/Std Qtr	11.20
624272	9/19/2024 - 12/19/2024	mR/Std Qtr	12.61

Sample Point 231 [INDICATOR - NNE @ 4.21 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608594	12/21/2023 - 3/14/2024	mR/Std Qtr	19.70
613772	3/14/2024 - 6/20/2024	mR/Std Qtr	19.25
618951	6/20/2024 - 9/19/2024	mR/Std Qtr	16.69
624273	9/19/2024 - 12/19/2024	mR/Std Qtr	18.42

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 232 [INDICATOR - NE @ 4.18 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608595	12/21/2023 - 3/14/2024	mR/Std Qtr	23.08
613773	3/14/2024 - 6/20/2024	mR/Std Qtr	20.82
618952	6/20/2024 - 9/19/2024	mR/Std Qtr	19.92
624274	9/19/2024 - 12/19/2024	mR/Std Qtr	21.18

Sample Point 233 [INDICATOR - ENE @ 3.95 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608596	12/21/2023 - 3/14/2024	mR/Std Qtr	16.92
613774	3/14/2024 - 6/20/2024	mR/Std Qtr	14.12
618953	6/20/2024 - 9/19/2024	mR/Std Qtr	12.87
624275	9/19/2024 - 12/19/2024	mR/Std Qtr	13.17

Sample Point 234 [INDICATOR - E @ 4.5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608597	12/21/2023 - 3/14/2024	mR/Std Qtr	18.77
613775	3/14/2024 - 6/20/2024	mR/Std Qtr	17.04
618954	6/20/2024 - 9/19/2024	mR/Std Qtr	16.31
624276	9/19/2024 - 12/19/2024	mR/Std Qtr	16.34

Sample Point 235 [INDICATOR - ESE @ 4.07 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608598	12/21/2023 - 3/14/2024	mR/Std Qtr	16.33
613776	3/14/2024 - 6/20/2024	mR/Std Qtr	15.81
618955	6/20/2024 - 9/19/2024	mR/Std Qtr	13.07
624277	9/19/2024 - 12/19/2024	mR/Std Qtr	15.61

Sample Point 237 [INDICATOR - SSE @ 4.75 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608599	12/21/2023 - 3/14/2024	mR/Std Qtr	25.96
613777	3/14/2024 - 6/20/2024	mR/Std Qtr	21.55
618956	6/20/2024 - 9/19/2024	mR/Std Qtr	20.53
624278	9/19/2024 - 12/19/2024	mR/Std Qtr	21.26

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 238 [INDICATOR - S @ 4.02 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608600	12/21/2023 - 3/14/2024	mR/Std Qtr	19.69
613778	3/14/2024 - 6/20/2024	mR/Std Qtr	16.69
618957	6/20/2024 - 9/19/2024	mR/Std Qtr	16.26
624279	9/19/2024 - 12/19/2024	mR/Std Qtr	16.25

Sample Point 239 [INDICATOR - SSW @ 4.49 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608601	12/21/2023 - 3/14/2024	mR/Std Qtr	20.19
613779	3/14/2024 - 6/20/2024	mR/Std Qtr	16.76
618958	6/20/2024 - 9/19/2024	mR/Std Qtr	18.09
624280	9/19/2024 - 12/19/2024	mR/Std Qtr	20.88

Sample Point 240 [INDICATOR - SW @ 4.07 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608602	12/21/2023 - 3/14/2024	mR/Std Qtr	13.79
613780	3/14/2024 - 6/20/2024	mR/Std Qtr	13.49
618959	6/20/2024 - 9/19/2024	mR/Std Qtr	11.47
624281	9/19/2024 - 12/19/2024	mR/Std Qtr	13.56

Sample Point 241 [INDICATOR - WSW @ 4.58 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608603	12/21/2023 - 3/14/2024	mR/Std Qtr	16.16
613781	3/14/2024 - 6/20/2024	mR/Std Qtr	14.52
618960	6/20/2024 - 9/19/2024	mR/Std Qtr	16.10
624282	9/19/2024 - 12/19/2024	mR/Std Qtr	13.89

Sample Point 242 [INDICATOR - W @ 4.56 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608604	12/21/2023 - 3/14/2024	mR/Std Qtr	18.49
613782	3/14/2024 - 6/20/2024	mR/Std Qtr	14.97
618961	6/20/2024 - 9/19/2024	mR/Std Qtr	12.78
624283	9/19/2024 - 12/19/2024	mR/Std Qtr	14.72

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 243 [INDICATOR - WNW @ 4.39 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608605	12/21/2023 - 3/14/2024	mR/Std Qtr	18.02
613783	3/14/2024 - 6/20/2024	mR/Std Qtr	15.81
618962	6/20/2024 - 9/19/2024	mR/Std Qtr	14.82
624284	9/19/2024 - 12/19/2024	mR/Std Qtr	16.13

Sample Point 244 [INDICATOR - NW @ 4.02 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608606	12/21/2023 - 3/14/2024	mR/Std Qtr	22.09
613784	3/14/2024 - 6/20/2024	mR/Std Qtr	18.82
618963	6/20/2024 - 9/19/2024	mR/Std Qtr	17.83
624285	9/19/2024 - 12/19/2024	mR/Std Qtr	19.35

Sample Point 245 [INDICATOR - NNW @ 4.01 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608607	12/21/2023 - 3/14/2024	mR/Std Qtr	19.33
613785	3/14/2024 - 6/20/2024	mR/Std Qtr	15.32
618964	6/20/2024 - 9/19/2024	mR/Std Qtr	14.26
624286	9/19/2024 - 12/19/2024	mR/Std Qtr	15.99

Sample Point 246 [INDICATOR - ENE @ 7.87 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608608	12/21/2023 - 3/14/2024	mR/Std Qtr	16.89
613786	3/14/2024 - 6/20/2024	mR/Std Qtr	13.19
618965	6/20/2024 - 9/19/2024	mR/Std Qtr	11.88
624287	9/19/2024 - 12/19/2024	mR/Std Qtr	13.61

Sample Point 247 [CONTROL - ESE @ 7.33 miles] — **TLD RING TLD_CTRL**

Sample ID:	Sample Dates:	Nuclide	Activity
608609	12/21/2023 - 3/14/2024	mR/Std Qtr	16.22
613787	3/14/2024 - 6/20/2024	mR/Std Qtr	14.04
618966	6/20/2024 - 9/19/2024	mR/Std Qtr	11.25
624288	9/19/2024 - 12/19/2024	mR/Std Qtr	13.76

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 248 [INDICATOR - S @ 6.54 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608610	12/21/2023 - 3/14/2024	mR/Std Qtr	15.67
613788	3/14/2024 - 6/20/2024	mR/Std Qtr	15.27
618967	6/20/2024 - 9/19/2024	mR/Std Qtr	12.93
624289	9/19/2024 - 12/19/2024	mR/Std Qtr	14.44

Sample Point 249 [INDICATOR - S @ 7.17 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608611	12/21/2023 - 3/14/2024	mR/Std Qtr	20.18
613789	3/14/2024 - 6/20/2024	mR/Std Qtr	16.80
618968	6/20/2024 - 9/19/2024	mR/Std Qtr	13.84
624290	9/19/2024 - 12/19/2024	mR/Std Qtr	16.84

Sample Point 250 [INDICATOR - WSW @ 10.4 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608612	12/21/2023 - 3/14/2024	mR/Std Qtr	18.20
613790	3/14/2024 - 6/20/2024	mR/Std Qtr	16.14
618969	6/20/2024 - 9/19/2024	mR/Std Qtr	14.03
624291	9/19/2024 - 12/19/2024	mR/Std Qtr	14.97

Sample Point 251 [CONTROL - WNW @ 9.72 miles] — **TLD RING TLD_CTRL**

Sample ID:	Sample Dates:	Nuclide	Activity
608613	12/21/2023 - 3/14/2024	mR/Std Qtr	20.53
613791	3/14/2024 - 6/20/2024	mR/Std Qtr	18.39
618970	6/20/2024 - 9/19/2024	mR/Std Qtr	15.29
624292	9/19/2024 - 12/19/2024	mR/Std Qtr	18.11

Sample Point 255 [INDICATOR - ENE @ 0.61 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608614	12/21/2023 - 3/14/2024	mR/Std Qtr	19.87
613792	3/14/2024 - 6/20/2024	mR/Std Qtr	20.29
618971	6/20/2024 - 9/19/2024	mR/Std Qtr	19.29
624293	9/19/2024 - 12/19/2024	mR/Std Qtr	20.82

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 256 [INDICATOR - SSE @ 0.58 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608615	12/21/2023 - 3/14/2024	mR/Std Qtr	21.11
613793	3/14/2024 - 6/20/2024	mR/Std Qtr	20.20
618972	6/20/2024 - 9/19/2024	mR/Std Qtr	20.20
624294	9/19/2024 - 12/19/2024	mR/Std Qtr	19.93

Sample Point 258 [INDICATOR - W @ 9.84 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608616	12/21/2023 - 3/14/2024	mR/Std Qtr	20.53
613794	3/14/2024 - 6/20/2024	mR/Std Qtr	19.36
618973	6/20/2024 - 9/19/2024	mR/Std Qtr	18.65
624295	9/19/2024 - 12/19/2024	mR/Std Qtr	19.26

Sample Point 264 [INDICATOR - SE @ 4.32 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608617	12/21/2023 - 3/14/2024	mR/Std Qtr	28.44
613795	3/14/2024 - 6/20/2024	mR/Std Qtr	27.57
618974	6/20/2024 - 9/19/2024	mR/Std Qtr	24.92
624296	9/19/2024 - 12/19/2024	mR/Std Qtr	29.64

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID: 602227 — Sample Dates: 1/3/2024 - 1/3/2024 — MIXEDBLV

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.24E+01	0.00E+00	2.24E+01
Co-58	<2.04E+01	0.00E+00	2.04E+01
Fe-59	<3.93E+01	0.00E+00	3.93E+01
Co-60	<1.84E+01	0.00E+00	1.84E+01
Zn-65	<4.37E+01	0.00E+00	4.37E+01
Zr-95	<4.39E+01	0.00E+00	4.39E+01
Nb-95	<2.29E+01	0.00E+00	2.29E+01
I-131	<3.35E+01	0.00E+00	3.35E+01
Cs-134	<2.68E+01	0.00E+00	2.68E+01
Cs-137	<2.18E+01	0.00E+00	2.18E+01
BaLa-140	<3.04E+01	0.00E+00	3.04E+01
Be-7	1.06E+03	1.88E+02	2.01E+02
K-40	3.79E+03	5.65E+02	3.84E+02

Sample ID: 603853 — Sample Dates: 2/6/2024 - 2/6/2024 — MIXEDBLV

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.53E+01	0.00E+00	2.53E+01
Co-58	<2.37E+01	0.00E+00	2.37E+01
Fe-59	<5.96E+01	0.00E+00	5.96E+01
Co-60	<3.27E+01	0.00E+00	3.27E+01
Zn-65	<7.60E+01	0.00E+00	7.60E+01
Zr-95	<6.69E+01	0.00E+00	6.69E+01
Nb-95	<3.40E+01	0.00E+00	3.40E+01
I-131	<2.58E+01	0.00E+00	2.58E+01
Cs-134	<3.60E+01	0.00E+00	3.60E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	603853	Sample Dates: 2/6/2024 - 2/6/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-137	<3.72E+01	0.00E+00	3.72E+01
				BaLa-140	<3.15E+01	0.00E+00	3.15E+01
				Be-7	1.65E+03	3.67E+02	3.87E+02
				K-40	4.29E+03	7.37E+02	2.94E+02
Sample ID:	**604910**	**Sample Dates: 3/5/2024 - 3/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.50E+01	0.00E+00	3.50E+01
				Co-58	<2.98E+01	0.00E+00	2.98E+01
				Fe-59	<7.15E+01	0.00E+00	7.15E+01
				Co-60	<2.71E+01	0.00E+00	2.71E+01
				Zn-65	<6.11E+01	0.00E+00	6.11E+01
				Zr-95	<4.85E+01	0.00E+00	4.85E+01
				Nb-95	<4.28E+01	0.00E+00	4.28E+01
				I-131	<2.85E+01	0.00E+00	2.85E+01
				Cs-134	<4.68E+01	0.00E+00	4.68E+01
				Cs-137	<3.40E+01	0.00E+00	3.40E+01
				BaLa-140	<2.70E+01	0.00E+00	2.70E+01
				Be-7	2.25E+03	4.23E+02	3.01E+02
				K-40	4.67E+03	8.54E+02	3.79E+02
Sample ID:	**608190**	**Sample Dates: 4/2/2024 - 4/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.30E+01	0.00E+00	1.30E+01
				Co-58	<1.37E+01	0.00E+00	1.37E+01
				Fe-59	<2.41E+01	0.00E+00	2.41E+01
				Co-60	<1.39E+01	0.00E+00	1.39E+01
				Zn-65	<2.85E+01	0.00E+00	2.85E+01
				Zr-95	<2.44E+01	0.00E+00	2.44E+01
				Nb-95	<1.37E+01	0.00E+00	1.37E+01
				I-131	<1.10E+01	0.00E+00	1.10E+01
				Cs-134	<1.40E+01	0.00E+00	1.40E+01
				Cs-137	<1.19E+01	0.00E+00	1.19E+01
				BaLa-140	<1.08E+01	0.00E+00	1.08E+01
				Be-7	1.13E+03	1.73E+02	1.36E+02
				K-40	3.97E+03	4.83E+02	2.00E+02
Sample ID:	**611729**	**Sample Dates: 5/7/2024 - 5/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.36E+01	0.00E+00	1.36E+01
				Co-58	<1.32E+01	0.00E+00	1.32E+01
				Fe-59	<2.43E+01	0.00E+00	2.43E+01
				Co-60	<9.95E+00	0.00E+00	9.95E+00
				Zn-65	<2.58E+01	0.00E+00	2.58E+01
				Zr-95	<2.11E+01	0.00E+00	2.11E+01
				Nb-95	<1.22E+01	0.00E+00	1.22E+01
				I-131	<1.20E+01	0.00E+00	1.20E+01
				Cs-134	<1.93E+01	0.00E+00	1.93E+01
				Cs-137	<1.08E+01	0.00E+00	1.08E+01
				BaLa-140	<1.03E+01	0.00E+00	1.03E+01
				Be-7	6.78E+02	1.43E+02	1.55E+02
				K-40	3.01E+03	3.98E+02	1.38E+02
Sample ID:	**613514**	**Sample Dates: 6/4/2024 - 6/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.71E+01	0.00E+00	2.71E+01
				Co-58	<2.80E+01	0.00E+00	2.80E+01
				Fe-59	<5.79E+01	0.00E+00	5.79E+01
				Co-60	<3.10E+01	0.00E+00	3.10E+01
				Zn-65	<6.86E+01	0.00E+00	6.86E+01
				Zr-95	<5.41E+01	0.00E+00	5.41E+01
				Nb-95	<2.18E+01	0.00E+00	2.18E+01
				I-131	<2.37E+01	0.00E+00	2.37E+01
				Cs-134	<3.04E+01	0.00E+00	3.04E+01
				Cs-137	<2.07E+01	0.00E+00	2.07E+01
				BaLa-140	<3.58E+01	0.00E+00	3.58E+01
				Be-7	8.28E+02	2.39E+02	2.50E+02
				K-40	4.49E+03	7.63E+02	2.97E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	610295	Sample Dates: 7/2/2024 - 7/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.51E+01	0.00E+00	2.51E+01
				Co-58	<2.29E+01	0.00E+00	2.29E+01
				Fe-59	<4.75E+01	0.00E+00	4.75E+01
				Co-60	<2.62E+01	0.00E+00	2.62E+01
				Zn-65	<6.00E+01	0.00E+00	6.00E+01
				Zr-95	<4.70E+01	0.00E+00	4.70E+01
				Nb-95	<3.39E+01	0.00E+00	3.39E+01
				I-131	<4.70E+01	0.00E+00	4.70E+01
				Cs-134	<3.10E+01	0.00E+00	3.10E+01
				Cs-137	<2.26E+01	0.00E+00	2.26E+01
				BaLa-140	<4.86E+01	0.00E+00	4.86E+01
				Be-7	6.53E+02	2.26E+02	2.88E+02
				K-40	4.48E+03	6.92E+02	2.96E+02
Sample ID:	**616641**	**Sample Dates: 8/6/2024 - 8/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.01E+01	0.00E+00	3.01E+01
				Co-58	<2.98E+01	0.00E+00	2.98E+01
				Fe-59	<7.60E+01	0.00E+00	7.60E+01
				Co-60	<4.36E+01	0.00E+00	4.36E+01
				Zn-65	<1.02E+02	0.00E+00	1.02E+02
				Zr-95	<3.39E+01	0.00E+00	3.39E+01
				Nb-95	<2.66E+01	0.00E+00	2.66E+01
				I-131	<3.32E+01	0.00E+00	3.32E+01
				Cs-134	<5.11E+01	0.00E+00	5.11E+01
				Cs-137	<2.92E+01	0.00E+00	2.92E+01
				BaLa-140	<4.72E+01	0.00E+00	4.72E+01
				Be-7	7.67E+02	2.92E+02	3.66E+02
				K-40	3.46E+03	7.39E+02	3.98E+02
Sample ID:	**618267**	**Sample Dates: 9/4/2024 - 9/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.28E+01	0.00E+00	4.28E+01
				Co-58	<3.75E+01	0.00E+00	3.75E+01
				Fe-59	<7.72E+01	0.00E+00	7.72E+01
				Co-60	<2.62E+01	0.00E+00	2.62E+01
				Zn-65	<7.45E+01	0.00E+00	7.45E+01
				Zr-95	<6.04E+01	0.00E+00	6.04E+01
				Nb-95	<2.81E+01	0.00E+00	2.81E+01
				I-131	<3.80E+01	0.00E+00	3.80E+01
				Cs-134	<4.66E+01	0.00E+00	4.66E+01
				Cs-137	<2.83E+01	0.00E+00	2.83E+01
				BaLa-140	<4.12E+01	0.00E+00	4.12E+01
				Be-7	1.10E+03	3.05E+02	3.09E+02
				K-40	4.20E+03	7.91E+02	3.67E+02
Sample ID:	**620255**	**Sample Dates: 10/1/2024 - 10/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.78E+01	0.00E+00	1.78E+01
				Co-58	<2.16E+01	0.00E+00	2.16E+01
				Fe-59	<3.66E+01	0.00E+00	3.66E+01
				Co-60	<1.93E+01	0.00E+00	1.93E+01
				Zn-65	<4.51E+01	0.00E+00	4.51E+01
				Zr-95	<2.88E+01	0.00E+00	2.88E+01
				Nb-95	<2.27E+01	0.00E+00	2.27E+01
				I-131	<2.05E+01	0.00E+00	2.05E+01
				Cs-134	<3.34E+01	0.00E+00	3.34E+01
				Cs-137	<1.97E+01	0.00E+00	1.97E+01
				BaLa-140	<2.86E+01	0.00E+00	2.86E+01
				Be-7	1.48E+03	2.75E+02	2.77E+02
				K-40	3.14E+03	4.91E+02	2.12E+02
Sample ID:	**621915**	**Sample Dates: 11/5/2024 - 11/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.62E+01	0.00E+00	1.62E+01
				Co-58	<1.42E+01	0.00E+00	1.42E+01
				Fe-59	<2.99E+01	0.00E+00	2.99E+01
				Co-60	<1.77E+01	0.00E+00	1.77E+01
				Zn-65	<4.10E+01	0.00E+00	4.10E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 200 [INDICATOR - NNE @ 0.63 miles]

Sample ID:	621915	Sample Dates: 11/5/2024 - 11/5/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Zr-95	<2.67E+01	0.00E+00	2.67E+01
				Nb-95	<1.62E+01	0.00E+00	1.62E+01
				I-131	<1.35E+01	0.00E+00	1.35E+01
				Cs-134	<1.97E+01	0.00E+00	1.97E+01
				Cs-137	<1.62E+01	0.00E+00	1.62E+01
				BaLa-140	<1.63E+01	0.00E+00	1.63E+01
				Be-7	1.01E+03	2.11E+02	2.41E+02
				K-40	3.26E+03	4.66E+02	3.03E+02
Sample ID:	**614647**	**Sample Dates: 12/3/2024 - 12/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.09E+01	0.00E+00	2.09E+01
				Co-58	<2.00E+01	0.00E+00	2.00E+01
				Fe-59	<3.78E+01	0.00E+00	3.78E+01
				Co-60	<1.86E+01	0.00E+00	1.86E+01
				Zn-65	<4.61E+01	0.00E+00	4.61E+01
				Zr-95	<3.39E+01	0.00E+00	3.39E+01
				Nb-95	<2.22E+01	0.00E+00	2.22E+01
				I-131	<2.29E+01	0.00E+00	2.29E+01
				Cs-134	<2.66E+01	0.00E+00	2.66E+01
				Cs-137	<1.44E+01	0.00E+00	1.44E+01
				BaLa-140	<2.74E+01	0.00E+00	2.74E+01
				Be-7	6.77E+02	2.06E+02	2.71E+02
				K-40	4.11E+03	5.79E+02	2.37E+02

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	602228	Sample Dates: 1/3/2024 - 1/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.40E+01	0.00E+00	2.40E+01
				Co-58	<1.83E+01	0.00E+00	1.83E+01
				Fe-59	<4.42E+01	0.00E+00	4.42E+01
				Co-60	<2.22E+01	0.00E+00	2.22E+01
				Zn-65	<4.86E+01	0.00E+00	4.86E+01
				Zr-95	<3.69E+01	0.00E+00	3.69E+01
				Nb-95	<1.92E+01	0.00E+00	1.92E+01
				I-131	<3.27E+01	0.00E+00	3.27E+01
				Cs-134	<2.64E+01	0.00E+00	2.64E+01
				Cs-137	<2.50E+01	0.00E+00	2.50E+01
				BaLa-140	<3.39E+01	0.00E+00	3.39E+01
				Be-7	1.66E+03	2.95E+02	2.89E+02
				K-40	4.12E+03	5.96E+02	3.50E+02
Sample ID:	**603854**	**Sample Dates: 2/6/2024 - 2/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.99E+01	0.00E+00	1.99E+01
				Co-58	<2.25E+01	0.00E+00	2.25E+01
				Fe-59	<4.46E+01	0.00E+00	4.46E+01
				Co-60	<1.69E+01	0.00E+00	1.69E+01
				Zn-65	<5.03E+01	0.00E+00	5.03E+01
				Zr-95	<3.22E+01	0.00E+00	3.22E+01
				Nb-95	<2.16E+01	0.00E+00	2.16E+01
				I-131	<2.29E+01	0.00E+00	2.29E+01
				Cs-134	<2.47E+01	0.00E+00	2.47E+01
				Cs-137	<2.45E+01	0.00E+00	2.45E+01
				BaLa-140	<2.47E+01	0.00E+00	2.47E+01
				Be-7	1.87E+03	3.33E+02	2.82E+02
				K-40	2.34E+03	5.08E+02	4.17E+02
Sample ID:	**604911**	**Sample Dates: 3/5/2024 - 3/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.83E+01	0.00E+00	2.83E+01
				Co-58	<3.20E+01	0.00E+00	3.20E+01
				Fe-59	<5.65E+01	0.00E+00	5.65E+01
				Co-60	<3.41E+01	0.00E+00	3.41E+01
				Zn-65	<5.93E+01	0.00E+00	5.93E+01
				Zr-95	<5.54E+01	0.00E+00	5.54E+01
				Nb-95	<3.51E+01	0.00E+00	3.51E+01
				I-131	<2.37E+01	0.00E+00	2.37E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	604911	Sample Dates: 3/5/2024 - 3/5/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<4.39E+01	0.00E+00	4.39E+01
				Cs-137	<3.80E+01	0.00E+00	3.80E+01
				BaLa-140	<3.04E+01	0.00E+00	3.04E+01
				Be-7	2.73E+03	4.62E+02	3.32E+02
				K-40	1.80E+03	5.27E+02	5.01E+02
Sample ID:	**608191**	**Sample Dates: 4/2/2024 - 4/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.46E+01	0.00E+00	1.46E+01
				Co-58	<1.44E+01	0.00E+00	1.44E+01
				Fe-59	<2.43E+01	0.00E+00	2.43E+01
				Co-60	<1.80E+01	0.00E+00	1.80E+01
				Zn-65	<4.12E+01	0.00E+00	4.12E+01
				Zr-95	<2.78E+01	0.00E+00	2.78E+01
				Nb-95	<1.64E+01	0.00E+00	1.64E+01
				I-131	<1.37E+01	0.00E+00	1.37E+01
				Cs-134	<1.67E+01	0.00E+00	1.67E+01
				Cs-137	<1.70E+01	0.00E+00	1.70E+01
				BaLa-140	<1.55E+01	0.00E+00	1.55E+01
				Be-7	9.41E+02	1.79E+02	1.84E+02
				K-40	5.29E+03	6.22E+02	2.25E+02
Sample ID:	**611730**	**Sample Dates: 5/7/2024 - 5/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.48E+01	0.00E+00	1.48E+01
				Co-58	<1.06E+01	0.00E+00	1.06E+01
				Fe-59	<3.02E+01	0.00E+00	3.02E+01
				Co-60	<1.42E+01	0.00E+00	1.42E+01
				Zn-65	<3.66E+01	0.00E+00	3.66E+01
				Zr-95	<2.59E+01	0.00E+00	2.59E+01
				Nb-95	<1.41E+01	0.00E+00	1.41E+01
				I-131	<1.34E+01	0.00E+00	1.34E+01
				Cs-134	<1.70E+01	0.00E+00	1.70E+01
				Cs-137	<1.55E+01	0.00E+00	1.55E+01
				BaLa-140	<1.36E+01	0.00E+00	1.36E+01
				Be-7	4.58E+02	1.54E+02	2.12E+02
				K-40	3.06E+03	4.55E+02	3.37E+02
Sample ID:	**613515**	**Sample Dates: 6/4/2024 - 6/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.78E+01	0.00E+00	3.78E+01
				Co-58	<2.58E+01	0.00E+00	2.58E+01
				Fe-59	<7.31E+01	0.00E+00	7.31E+01
				Co-60	<5.48E+01	0.00E+00	5.48E+01
				Zn-65	<8.24E+01	0.00E+00	8.24E+01
				Zr-95	<6.19E+01	0.00E+00	6.19E+01
				Nb-95	<2.48E+01	0.00E+00	2.48E+01
				I-131	<3.07E+01	0.00E+00	3.07E+01
				Cs-134	<2.93E+01	0.00E+00	2.93E+01
				Cs-137	<3.96E+01	0.00E+00	3.96E+01
				BaLa-140	<1.08E+01	0.00E+00	1.08E+01
				Be-7	5.44E+02	2.89E+02	4.12E+02
				K-40	3.41E+03	7.59E+02	5.09E+02
Sample ID:	**610296**	**Sample Dates: 7/2/2024 - 7/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.69E+01	0.00E+00	2.69E+01
				Co-58	<2.66E+01	0.00E+00	2.66E+01
				Fe-59	<4.81E+01	0.00E+00	4.81E+01
				Co-60	<2.31E+01	0.00E+00	2.31E+01
				Zn-65	<6.47E+01	0.00E+00	6.47E+01
				Zr-95	<4.36E+01	0.00E+00	4.36E+01
				Nb-95	<3.18E+01	0.00E+00	3.18E+01
				I-131	<4.90E+01	0.00E+00	4.90E+01
				Cs-134	<3.48E+01	0.00E+00	3.48E+01
				Cs-137	<4.09E+01	0.00E+00	4.09E+01
				BaLa-140	<3.95E+01	0.00E+00	3.95E+01
				Be-7	7.02E+02	2.44E+02	3.18E+02
				K-40	3.94E+03	6.64E+02	4.22E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID: 616642 **Sample Dates: 8/6/2024 - 8/6/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.31E+01	0.00E+00	5.31E+01
Co-58	<3.67E+01	0.00E+00	3.67E+01
Fe-59	<7.63E+01	0.00E+00	7.63E+01
Co-60	<4.94E+01	0.00E+00	4.94E+01
Zn-65	<7.70E+01	0.00E+00	7.70E+01
Zr-95	<7.66E+01	0.00E+00	7.66E+01
Nb-95	<4.03E+01	0.00E+00	4.03E+01
I-131	<3.19E+01	0.00E+00	3.19E+01
Cs-134	<3.80E+01	0.00E+00	3.80E+01
Cs-137	<4.96E+01	0.00E+00	4.96E+01
BaLa-140	<4.87E+01	0.00E+00	4.87E+01
Be-7	8.75E+02	4.76E+02	7.05E+02
K-40	4.08E+03	9.07E+02	4.54E+02

Sample ID: 618268 **Sample Dates: 9/4/2024 - 9/4/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.50E+01	0.00E+00	3.50E+01
Co-58	<4.21E+01	0.00E+00	4.21E+01
Fe-59	<8.70E+01	0.00E+00	8.70E+01
Co-60	<3.74E+01	0.00E+00	3.74E+01
Zn-65	<6.27E+01	0.00E+00	6.27E+01
Zr-95	<5.57E+01	0.00E+00	5.57E+01
Nb-95	<4.14E+01	0.00E+00	4.14E+01
I-131	<4.53E+01	0.00E+00	4.53E+01
Cs-134	<3.91E+01	0.00E+00	3.91E+01
Cs-137	<3.75E+01	0.00E+00	3.75E+01
BaLa-140	<5.01E+01	0.00E+00	5.01E+01
Be-7	1.52E+03	3.85E+02	4.60E+02
K-40	4.36E+03	7.62E+02	4.59E+02

Sample ID: 620256 **Sample Dates: 10/1/2024 - 10/1/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.76E+01	0.00E+00	2.76E+01
Co-58	<3.60E+01	0.00E+00	3.60E+01
Fe-59	<5.63E+01	0.00E+00	5.63E+01
Co-60	<3.88E+01	0.00E+00	3.88E+01
Zn-65	<6.52E+01	0.00E+00	6.52E+01
Zr-95	<6.00E+01	0.00E+00	6.00E+01
Nb-95	<3.81E+01	0.00E+00	3.81E+01
I-131	<3.42E+01	0.00E+00	3.42E+01
Cs-134	<4.12E+01	0.00E+00	4.12E+01
Cs-137	<3.92E+01	0.00E+00	3.92E+01
BaLa-140	<3.90E+01	0.00E+00	3.90E+01
Be-7	2.96E+03	4.88E+02	4.10E+02
K-40	3.45E+03	6.96E+02	6.30E+02

Sample ID: 621916 **Sample Dates: 11/5/2024 - 11/5/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.79E+01	0.00E+00	1.79E+01
Co-58	<1.63E+01	0.00E+00	1.63E+01
Fe-59	<3.44E+01	0.00E+00	3.44E+01
Co-60	<1.96E+01	0.00E+00	1.96E+01
Zn-65	<4.07E+01	0.00E+00	4.07E+01
Zr-95	<2.62E+01	0.00E+00	2.62E+01
Nb-95	<1.37E+01	0.00E+00	1.37E+01
I-131	<1.63E+01	0.00E+00	1.63E+01
Cs-134	<1.93E+01	0.00E+00	1.93E+01
Cs-137	<2.18E+01	0.00E+00	2.18E+01
BaLa-140	<9.75E+00	0.00E+00	9.75E+00
Be-7	9.99E+02	2.52E+02	3.33E+02
K-40	3.78E+03	5.33E+02	3.08E+02

Sample ID: 614648 **Sample Dates: 12/3/2024 - 12/3/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.34E+01	0.00E+00	2.34E+01
Co-58	<2.08E+01	0.00E+00	2.08E+01
Fe-59	<4.45E+01	0.00E+00	4.45E+01
Co-60	<2.62E+01	0.00E+00	2.62E+01
Zn-65	<4.84E+01	0.00E+00	4.84E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 201 [INDICATOR - NE @ 0.53 miles]

Sample ID:	614648	Sample Dates: 12/3/2024 - 12/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Zr-95	<3.90E+01	0.00E+00	3.90E+01
				Nb-95	<2.34E+01	0.00E+00	2.34E+01
				I-131	<1.97E+01	0.00E+00	1.97E+01
				Cs-134	<2.71E+01	0.00E+00	2.71E+01
				Cs-137	<2.30E+01	0.00E+00	2.30E+01
				BaLa-140	<2.67E+01	0.00E+00	2.67E+01
				Be-7	9.34E+02	2.27E+02	2.67E+02
				K-40	3.95E+03	5.67E+02	2.54E+02

Sample Point 222 [INDICATOR - N @ 0.7 miles]

Sample ID:	602229	Sample Dates: 1/3/2024 - 1/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.55E+01	0.00E+00	2.55E+01
				Co-58	<2.85E+01	0.00E+00	2.85E+01
				Fe-59	<5.63E+01	0.00E+00	5.63E+01
				Co-60	<2.32E+01	0.00E+00	2.32E+01
				Zn-65	<6.48E+01	0.00E+00	6.48E+01
				Zr-95	<4.85E+01	0.00E+00	4.85E+01
				Nb-95	<3.05E+01	0.00E+00	3.05E+01
				I-131	<4.09E+01	0.00E+00	4.09E+01
				Cs-134	<3.22E+01	0.00E+00	3.22E+01
				Cs-137	<3.06E+01	0.00E+00	3.06E+01
				BaLa-140	<3.33E+01	0.00E+00	3.33E+01
				Be-7	6.24E+02	2.56E+02	3.60E+02
				K-40	2.44E+03	5.58E+02	5.67E+02
Sample ID:	**603855**	**Sample Dates: 2/6/2024 - 2/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.26E+01	0.00E+00	3.26E+01
				Co-58	<3.02E+01	0.00E+00	3.02E+01
				Fe-59	<7.32E+01	0.00E+00	7.32E+01
				Co-60	<4.46E+01	0.00E+00	4.46E+01
				Zn-65	<7.76E+01	0.00E+00	7.76E+01
				Zr-95	<6.18E+01	0.00E+00	6.18E+01
				Nb-95	<4.51E+01	0.00E+00	4.51E+01
				I-131	<3.16E+01	0.00E+00	3.16E+01
				Cs-134	<4.25E+01	0.00E+00	4.25E+01
				Cs-137	<3.67E+01	0.00E+00	3.67E+01
				BaLa-140	<4.80E+01	0.00E+00	4.80E+01
				Be-7	5.48E+02	2.88E+02	4.08E+02
				K-40	2.05E+03	5.86E+02	4.74E+02
Sample ID:	**604912**	**Sample Dates: 3/5/2024 - 3/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.04E+01	0.00E+00	4.04E+01
				Co-58	<3.44E+01	0.00E+00	3.44E+01
				Fe-59	<8.24E+01	0.00E+00	8.24E+01
				Co-60	<3.12E+01	0.00E+00	3.12E+01
				Zn-65	<1.06E+02	0.00E+00	1.06E+02
				Zr-95	<5.96E+01	0.00E+00	5.96E+01
				Nb-95	<4.29E+01	0.00E+00	4.29E+01
				I-131	<3.55E+01	0.00E+00	3.55E+01
				Cs-134	<4.34E+01	0.00E+00	4.34E+01
				Cs-137	<3.17E+01	0.00E+00	3.17E+01
				BaLa-140	<5.08E+01	0.00E+00	5.08E+01
				Be-7	1.78E+03	4.23E+02	4.12E+02
				K-40	3.80E+03	8.21E+02	5.05E+02
Sample ID:	**608192**	**Sample Dates: 4/2/2024 - 4/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.52E+01	0.00E+00	1.52E+01
				Co-58	<1.27E+01	0.00E+00	1.27E+01
				Fe-59	<2.97E+01	0.00E+00	2.97E+01
				Co-60	<1.35E+01	0.00E+00	1.35E+01
				Zn-65	<3.44E+01	0.00E+00	3.44E+01
				Zr-95	<2.45E+01	0.00E+00	2.45E+01
				Nb-95	<1.42E+01	0.00E+00	1.42E+01
				I-131	<1.44E+01	0.00E+00	1.44E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 222 [INDICATOR - N @ 0.7 miles]

Sample ID:	608192	Sample Dates: 4/2/2024 - 4/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<1.84E+01	0.00E+00	1.84E+01
				Cs-137	<1.39E+01	0.00E+00	1.39E+01
				BaLa-140	<1.23E+01	0.00E+00	1.23E+01
				Be-7	8.79E+02	1.76E+02	1.87E+02
				K-40	4.08E+03	5.23E+02	2.02E+02
Sample ID:	**611731**	**Sample Dates: 5/7/2024 - 5/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.35E+01	0.00E+00	1.35E+01
				Co-58	<1.42E+01	0.00E+00	1.42E+01
				Fe-59	<2.68E+01	0.00E+00	2.68E+01
				Co-60	<1.63E+01	0.00E+00	1.63E+01
				Zn-65	<3.06E+01	0.00E+00	3.06E+01
				Zr-95	<2.94E+01	0.00E+00	2.94E+01
				Nb-95	<1.57E+01	0.00E+00	1.57E+01
				I-131	<1.37E+01	0.00E+00	1.37E+01
				Cs-134	<1.95E+01	0.00E+00	1.95E+01
				Cs-137	<1.51E+01	0.00E+00	1.51E+01
				BaLa-140	<1.50E+01	0.00E+00	1.50E+01
				Be-7	1.98E+02	1.38E+02	2.18E+02
				K-40	3.46E+03	4.69E+02	2.46E+02
Sample ID:	**613516**	**Sample Dates: 6/4/2024 - 6/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.81E+01	0.00E+00	3.81E+01
				Co-58	<2.93E+01	0.00E+00	2.93E+01
				Fe-59	<5.67E+01	0.00E+00	5.67E+01
				Co-60	<3.68E+01	0.00E+00	3.68E+01
				Zn-65	<6.40E+01	0.00E+00	6.40E+01
				Zr-95	<5.40E+01	0.00E+00	5.40E+01
				Nb-95	<2.62E+01	0.00E+00	2.62E+01
				I-131	<3.23E+01	0.00E+00	3.23E+01
				Cs-134	<3.33E+01	0.00E+00	3.33E+01
				Cs-137	<3.70E+01	0.00E+00	3.70E+01
				BaLa-140	<3.59E+01	0.00E+00	3.59E+01
				Be-7	<4.52E+02	0.00E+00	4.52E+02
				K-40	2.68E+03	6.64E+02	5.02E+02
Sample ID:	**610297**	**Sample Dates: 7/2/2024 - 7/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.06E+01	0.00E+00	3.06E+01
				Co-58	<2.98E+01	0.00E+00	2.98E+01
				Fe-59	<5.49E+01	0.00E+00	5.49E+01
				Co-60	<2.73E+01	0.00E+00	2.73E+01
				Zn-65	<6.18E+01	0.00E+00	6.18E+01
				Zr-95	<4.99E+01	0.00E+00	4.99E+01
				Nb-95	<3.08E+01	0.00E+00	3.08E+01
				I-131	<4.46E+01	0.00E+00	4.46E+01
				Cs-134	<2.85E+01	0.00E+00	2.85E+01
				Cs-137	<2.51E+01	0.00E+00	2.51E+01
				BaLa-140	<3.30E+01	0.00E+00	3.30E+01
				Be-7	5.32E+02	3.12E+02	2.75E+02
				K-40	3.84E+03	6.53E+02	4.78E+02
Sample ID:	**616643**	**Sample Dates: 8/6/2024 - 8/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.62E+01	0.00E+00	3.62E+01
				Co-58	<2.10E+01	0.00E+00	2.10E+01
				Fe-59	<3.78E+01	0.00E+00	3.78E+01
				Co-60	<3.08E+01	0.00E+00	3.08E+01
				Zn-65	<8.15E+01	0.00E+00	8.15E+01
				Zr-95	<6.82E+01	0.00E+00	6.82E+01
				Nb-95	<2.61E+01	0.00E+00	2.61E+01
				I-131	<3.06E+01	0.00E+00	3.06E+01
				Cs-134	<4.07E+01	0.00E+00	4.07E+01
				Cs-137	<3.13E+01	0.00E+00	3.13E+01
				BaLa-140	<3.91E+01	0.00E+00	3.91E+01
				Be-7	8.68E+02	2.92E+02	3.22E+02
				K-40	1.95E+03	5.93E+02	5.12E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 222 [INDICATOR - N @ 0.7 miles]

Sample ID:	618269	Sample Dates: 9/4/2024 - 9/4/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<3.88E+01	0.00E+00	3.88E+01
				Co-58	<2.74E+01	0.00E+00	2.74E+01
				Fe-59	<5.40E+01	0.00E+00	5.40E+01
				Co-60	<3.89E+01	0.00E+00	3.89E+01
				Zn-65	<8.97E+01	0.00E+00	8.97E+01
				Zr-95	<4.30E+01	0.00E+00	4.30E+01
				Nb-95	<3.42E+01	0.00E+00	3.42E+01
				I-131	<4.46E+01	0.00E+00	4.46E+01
				Cs-134	<4.15E+01	0.00E+00	4.15E+01
				Cs-137	<2.60E+01	0.00E+00	2.60E+01
				BaLa-140	<4.84E+01	0.00E+00	4.84E+01
				Be-7	8.03E+02	2.76E+02	3.45E+02
				K-40	3.61E+03	6.78E+02	3.45E+02
Sample ID:	**620257**	**Sample Dates: 10/1/2024 - 10/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.70E+01	0.00E+00	2.70E+01
				Co-58	<2.69E+01	0.00E+00	2.69E+01
				Fe-59	<3.61E+01	0.00E+00	3.61E+01
				Co-60	<2.58E+01	0.00E+00	2.58E+01
				Zn-65	<5.90E+01	0.00E+00	5.90E+01
				Zr-95	<3.91E+01	0.00E+00	3.91E+01
				Nb-95	<1.98E+01	0.00E+00	1.98E+01
				I-131	<2.62E+01	0.00E+00	2.62E+01
				Cs-134	<3.22E+01	0.00E+00	3.22E+01
				Cs-137	<2.45E+01	0.00E+00	2.45E+01
				BaLa-140	<2.61E+01	0.00E+00	2.61E+01
				Be-7	9.88E+02	2.51E+02	2.92E+02
				K-40	3.11E+03	5.57E+02	3.79E+02
Sample ID:	**621917**	**Sample Dates: 11/5/2024 - 11/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.84E+01	0.00E+00	1.84E+01
				Co-58	<2.36E+01	0.00E+00	2.36E+01
				Fe-59	<3.60E+01	0.00E+00	3.60E+01
				Co-60	<2.51E+01	0.00E+00	2.51E+01
				Zn-65	<4.95E+01	0.00E+00	4.95E+01
				Zr-95	<2.66E+01	0.00E+00	2.66E+01
				Nb-95	<2.42E+01	0.00E+00	2.42E+01
				I-131	<1.90E+01	0.00E+00	1.90E+01
				Cs-134	<2.25E+01	0.00E+00	2.25E+01
				Cs-137	<2.43E+01	0.00E+00	2.43E+01
				BaLa-140	<2.23E+01	0.00E+00	2.23E+01
				Be-7	4.46E+02	2.71E+02	4.24E+02
				K-40	3.22E+03	4.96E+02	1.71E+02
Sample ID:	**614649**	**Sample Dates: 12/3/2024 - 12/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.94E+01	0.00E+00	3.94E+01
				Co-58	<3.60E+01	0.00E+00	3.60E+01
				Fe-59	<7.98E+01	0.00E+00	7.98E+01
				Co-60	<4.36E+01	0.00E+00	4.36E+01
				Zn-65	<8.89E+01	0.00E+00	8.89E+01
				Zr-95	<6.24E+01	0.00E+00	6.24E+01
				Nb-95	<4.90E+01	0.00E+00	4.90E+01
				I-131	<4.15E+01	0.00E+00	4.15E+01
				Cs-134	<4.18E+01	0.00E+00	4.18E+01
				Cs-137	<4.68E+01	0.00E+00	4.68E+01
				BaLa-140	<4.57E+01	0.00E+00	4.57E+01
				Be-7	4.33E+02	2.72E+02	4.09E+02
				K-40	3.25E+03	6.80E+02	4.54E+02

Sample Point 226 [INDICATOR - S @ 0.48 miles]

Sample ID:	602230	Sample Dates: 1/3/2024 - 1/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.43E+01	0.00E+00	2.43E+01
				Co-58	<2.02E+01	0.00E+00	2.02E+01
				Fe-59	<4.60E+01	0.00E+00	4.60E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 226 [INDICATOR - S @ 0.48 miles]

Sample ID:	602230	Sample Dates: 1/3/2024 - 1/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Co-60	<2.21E+01	0.00E+00	2.21E+01
				Zn-65	<4.30E+01	0.00E+00	4.30E+01
				Zr-95	<3.93E+01	0.00E+00	3.93E+01
				Nb-95	<2.41E+01	0.00E+00	2.41E+01
				I-131	<3.47E+01	0.00E+00	3.47E+01
				Cs-134	<2.37E+01	0.00E+00	2.37E+01
				Cs-137	<1.98E+01	0.00E+00	1.98E+01
				BaLa-140	<3.19E+01	0.00E+00	3.19E+01
				Be-7	1.02E+03	2.54E+02	3.00E+02
				K-40	3.35E+03	5.59E+02	4.03E+02
Sample ID:	**603856**	**Sample Dates: 2/6/2024 - 2/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.75E+01	0.00E+00	2.75E+01
				Co-58	<1.75E+01	0.00E+00	1.75E+01
				Fe-59	<5.84E+01	0.00E+00	5.84E+01
				Co-60	<2.57E+01	0.00E+00	2.57E+01
				Zn-65	<4.77E+01	0.00E+00	4.77E+01
				Zr-95	<3.41E+01	0.00E+00	3.41E+01
				Nb-95	<1.99E+01	0.00E+00	1.99E+01
				I-131	<2.21E+01	0.00E+00	2.21E+01
				Cs-134	<2.66E+01	0.00E+00	2.66E+01
				Cs-137	<2.38E+01	0.00E+00	2.38E+01
				BaLa-140	<2.77E+01	0.00E+00	2.77E+01
				Be-7	3.87E+02	1.93E+02	2.77E+02
				K-40	3.52E+03	5.94E+02	2.21E+02
Sample ID:	**604913**	**Sample Dates: 3/5/2024 - 3/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.71E+01	0.00E+00	2.71E+01
				Co-58	<2.54E+01	0.00E+00	2.54E+01
				Fe-59	<4.61E+01	0.00E+00	4.61E+01
				Co-60	<3.27E+01	0.00E+00	3.27E+01
				Zn-65	<5.69E+01	0.00E+00	5.69E+01
				Zr-95	<5.09E+01	0.00E+00	5.09E+01
				Nb-95	<2.58E+01	0.00E+00	2.58E+01
				I-131	<2.69E+01	0.00E+00	2.69E+01
				Cs-134	<3.35E+01	0.00E+00	3.35E+01
				Cs-137	<3.54E+01	0.00E+00	3.54E+01
				BaLa-140	<3.38E+01	0.00E+00	3.38E+01
				Be-7	8.17E+02	2.33E+02	2.24E+02
				K-40	2.81E+03	6.23E+02	4.56E+02
Sample ID:	**608193**	**Sample Dates: 4/2/2024 - 4/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.37E+01	0.00E+00	1.37E+01
				Co-58	<1.42E+01	0.00E+00	1.42E+01
				Fe-59	<3.55E+01	0.00E+00	3.55E+01
				Co-60	<1.67E+01	0.00E+00	1.67E+01
				Zn-65	<3.46E+01	0.00E+00	3.46E+01
				Zr-95	<2.94E+01	0.00E+00	2.94E+01
				Nb-95	<1.50E+01	0.00E+00	1.50E+01
				I-131	<1.30E+01	0.00E+00	1.30E+01
				Cs-134	<1.98E+01	0.00E+00	1.98E+01
				Cs-137	<1.61E+01	0.00E+00	1.61E+01
				BaLa-140	<1.69E+01	0.00E+00	1.69E+01
				Be-7	9.04E+02	1.73E+02	1.69E+02
				K-40	4.26E+03	5.31E+02	2.15E+02
Sample ID:	**611732**	**Sample Dates: 5/7/2024 - 5/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.57E+01	0.00E+00	1.57E+01
				Co-58	<1.34E+01	0.00E+00	1.34E+01
				Fe-59	<2.39E+01	0.00E+00	2.39E+01
				Co-60	<1.30E+01	0.00E+00	1.30E+01
				Zn-65	<2.88E+01	0.00E+00	2.88E+01
				Zr-95	<2.47E+01	0.00E+00	2.47E+01
				Nb-95	<1.35E+01	0.00E+00	1.35E+01
				I-131	<1.32E+01	0.00E+00	1.32E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 226 [INDICATOR - S @ 0.48 miles]

Sample ID:	611732	Sample Dates: 5/7/2024 - 5/7/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<1.42E+01	0.00E+00	1.42E+01
				Cs-137	<1.45E+01	0.00E+00	1.45E+01
				BaLa-140	<1.66E+01	0.00E+00	1.66E+01
				Be-7	5.25E+02	1.33E+02	1.57E+02
				K-40	3.36E+03	4.46E+02	2.09E+02
Sample ID:	**613517**	**Sample Dates: 6/4/2024 - 6/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.73E+01	0.00E+00	2.73E+01
				Co-58	<2.12E+01	0.00E+00	2.12E+01
				Fe-59	<5.82E+01	0.00E+00	5.82E+01
				Co-60	<2.56E+01	0.00E+00	2.56E+01
				Zn-65	<6.57E+01	0.00E+00	6.57E+01
				Zr-95	<3.95E+01	0.00E+00	3.95E+01
				Nb-95	<2.33E+01	0.00E+00	2.33E+01
				I-131	<2.65E+01	0.00E+00	2.65E+01
				Cs-134	<3.70E+01	0.00E+00	3.70E+01
				Cs-137	<2.08E+01	0.00E+00	2.08E+01
				BaLa-140	<3.23E+01	0.00E+00	3.23E+01
				Be-7	8.46E+02	2.64E+02	3.09E+02
				K-40	4.30E+03	7.46E+02	3.01E+02
Sample ID:	**610298**	**Sample Dates: 7/2/2024 - 7/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.77E+01	0.00E+00	2.77E+01
				Co-58	<3.45E+01	0.00E+00	3.45E+01
				Fe-59	<6.34E+01	0.00E+00	6.34E+01
				Co-60	<3.18E+01	0.00E+00	3.18E+01
				Zn-65	<6.52E+01	0.00E+00	6.52E+01
				Zr-95	<5.05E+01	0.00E+00	5.05E+01
				Nb-95	<3.57E+01	0.00E+00	3.57E+01
				I-131	<4.75E+01	0.00E+00	4.75E+01
				Cs-134	<3.94E+01	0.00E+00	3.94E+01
				Cs-137	<2.66E+01	0.00E+00	2.66E+01
				BaLa-140	<4.27E+01	0.00E+00	4.27E+01
				Be-7	5.42E+02	4.33E+02	3.18E+02
				K-40	3.79E+03	7.21E+02	5.69E+02
Sample ID:	**616644**	**Sample Dates: 8/6/2024 - 8/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.13E+01	0.00E+00	3.13E+01
				Co-58	<2.61E+01	0.00E+00	2.61E+01
				Fe-59	<5.61E+01	0.00E+00	5.61E+01
				Co-60	<2.90E+01	0.00E+00	2.90E+01
				Zn-65	<6.67E+01	0.00E+00	6.67E+01
				Zr-95	<5.69E+01	0.00E+00	5.69E+01
				Nb-95	<2.51E+01	0.00E+00	2.51E+01
				I-131	<3.14E+01	0.00E+00	3.14E+01
				Cs-134	<3.64E+01	0.00E+00	3.64E+01
				Cs-137	<1.94E+01	0.00E+00	1.94E+01
				BaLa-140	<3.69E+01	0.00E+00	3.69E+01
				Be-7	2.27E+03	4.18E+02	3.58E+02
				K-40	4.17E+03	7.54E+02	4.19E+02
Sample ID:	**618270**	**Sample Dates: 9/4/2024 - 9/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.82E+01	0.00E+00	2.82E+01
				Co-58	<2.43E+01	0.00E+00	2.43E+01
				Fe-59	<6.36E+01	0.00E+00	6.36E+01
				Co-60	<3.20E+01	0.00E+00	3.20E+01
				Zn-65	<7.47E+01	0.00E+00	7.47E+01
				Zr-95	<4.23E+01	0.00E+00	4.23E+01
				Nb-95	<3.14E+01	0.00E+00	3.14E+01
				I-131	<3.31E+01	0.00E+00	3.31E+01
				Cs-134	<3.68E+01	0.00E+00	3.68E+01
				Cs-137	<2.44E+01	0.00E+00	2.44E+01
				BaLa-140	<2.84E+01	0.00E+00	2.84E+01
				Be-7	1.28E+03	3.35E+02	3.70E+02
				K-40	3.81E+03	7.49E+02	5.60E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 226 [INDICATOR - S @ 0.48 miles]

Sample ID: 620258 **Sample Dates: 10/1/2024 - 10/1/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.50E+01	0.00E+00	2.50E+01
Co-58	<2.33E+01	0.00E+00	2.33E+01
Fe-59	<5.04E+01	0.00E+00	5.04E+01
Co-60	<2.19E+01	0.00E+00	2.19E+01
Zn-65	<4.50E+01	0.00E+00	4.50E+01
Zr-95	<3.46E+01	0.00E+00	3.46E+01
Nb-95	<2.53E+01	0.00E+00	2.53E+01
I-131	<2.33E+01	0.00E+00	2.33E+01
Cs-134	<2.87E+01	0.00E+00	2.87E+01
Cs-137	<2.99E+01	0.00E+00	2.99E+01
BaLa-140	<3.31E+01	0.00E+00	3.31E+01
Be-7	1.91E+03	3.45E+02	3.35E+02
K-40	4.05E+03	6.19E+02	3.11E+02

Sample ID: 621918 **Sample Dates: 11/5/2024 - 11/5/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.97E+01	0.00E+00	1.97E+01
Co-58	<1.28E+01	0.00E+00	1.28E+01
Fe-59	<3.39E+01	0.00E+00	3.39E+01
Co-60	<2.30E+01	0.00E+00	2.30E+01
Zn-65	<3.71E+01	0.00E+00	3.71E+01
Zr-95	<2.71E+01	0.00E+00	2.71E+01
Nb-95	<1.47E+01	0.00E+00	1.47E+01
I-131	<1.81E+01	0.00E+00	1.81E+01
Cs-134	<2.04E+01	0.00E+00	2.04E+01
Cs-137	<1.64E+01	0.00E+00	1.64E+01
BaLa-140	<1.37E+01	0.00E+00	1.37E+01
Be-7	1.18E+03	2.15E+02	2.08E+02
K-40	4.64E+03	5.94E+02	2.69E+02

Sample ID: 614650 **Sample Dates: 12/3/2024 - 12/3/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.39E+01	0.00E+00	2.39E+01
Co-58	<2.17E+01	0.00E+00	2.17E+01
Fe-59	<3.76E+01	0.00E+00	3.76E+01
Co-60	<2.03E+01	0.00E+00	2.03E+01
Zn-65	<5.51E+01	0.00E+00	5.51E+01
Zr-95	<3.75E+01	0.00E+00	3.75E+01
Nb-95	<2.40E+01	0.00E+00	2.40E+01
I-131	<2.41E+01	0.00E+00	2.41E+01
Cs-134	<2.62E+01	0.00E+00	2.62E+01
Cs-137	<2.41E+01	0.00E+00	2.41E+01
BaLa-140	<1.41E+01	0.00E+00	1.41E+01
Be-7	2.55E+02	1.86E+02	2.91E+02
K-40	5.96E+03	7.88E+02	3.52E+02

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID: 602231 **Sample Dates: 1/3/2024 - 1/3/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.35E+01	0.00E+00	2.35E+01
Co-58	<2.26E+01	0.00E+00	2.26E+01
Fe-59	<4.20E+01	0.00E+00	4.20E+01
Co-60	<2.02E+01	0.00E+00	2.02E+01
Zn-65	<5.18E+01	0.00E+00	5.18E+01
Zr-95	<3.68E+01	0.00E+00	3.68E+01
Nb-95	<2.65E+01	0.00E+00	2.65E+01
I-131	<3.67E+01	0.00E+00	3.67E+01
Cs-134	<2.71E+01	0.00E+00	2.71E+01
Cs-137	<2.33E+01	0.00E+00	2.33E+01
BaLa-140	<2.40E+01	0.00E+00	2.40E+01
Be-7	8.37E+02	2.47E+02	3.27E+02
K-40	5.03E+03	6.96E+02	4.51E+02

Sample ID: 603857 **Sample Dates: 2/6/2024 - 2/6/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.87E+01	0.00E+00	2.87E+01
Co-58	<2.84E+01	0.00E+00	2.84E+01
Fe-59	<6.00E+01	0.00E+00	6.00E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	603857	Sample Dates: 2/6/2024 - 2/6/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Co-60	<3.01E+01	0.00E+00	3.01E+01
				Zn-65	<5.91E+01	0.00E+00	5.91E+01
				Zr-95	<4.92E+01	0.00E+00	4.92E+01
				Nb-95	<2.74E+01	0.00E+00	2.74E+01
				I-131	<2.96E+01	0.00E+00	2.96E+01
				Cs-134	<3.93E+01	0.00E+00	3.93E+01
				Cs-137	<2.79E+01	0.00E+00	2.79E+01
				BaLa-140	<3.26E+01	0.00E+00	3.26E+01
				Be-7	6.04E+02	2.64E+02	3.72E+02
				K-40	5.29E+03	8.18E+02	3.54E+02
Sample ID:	**604914**	**Sample Dates: 3/5/2024 - 3/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.28E+01	0.00E+00	3.28E+01
				Co-58	<2.35E+01	0.00E+00	2.35E+01
				Fe-59	<5.00E+01	0.00E+00	5.00E+01
				Co-60	<3.01E+01	0.00E+00	3.01E+01
				Zn-65	<5.64E+01	0.00E+00	5.64E+01
				Zr-95	<4.06E+01	0.00E+00	4.06E+01
				Nb-95	<2.72E+01	0.00E+00	2.72E+01
				I-131	<2.37E+01	0.00E+00	2.37E+01
				Cs-134	<3.34E+01	0.00E+00	3.34E+01
				Cs-137	<2.56E+01	0.00E+00	2.56E+01
				BaLa-140	<2.13E+01	0.00E+00	2.13E+01
				Be-7	8.70E+02	2.54E+02	2.82E+02
				K-40	4.31E+03	7.71E+02	5.00E+02
Sample ID:	**608194**	**Sample Dates: 4/2/2024 - 4/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.63E+01	0.00E+00	1.63E+01
				Co-58	<1.23E+01	0.00E+00	1.23E+01
				Fe-59	<2.80E+01	0.00E+00	2.80E+01
				Co-60	<1.55E+01	0.00E+00	1.55E+01
				Zn-65	<3.98E+01	0.00E+00	3.98E+01
				Zr-95	<2.58E+01	0.00E+00	2.58E+01
				Nb-95	<1.30E+01	0.00E+00	1.30E+01
				I-131	<1.51E+01	0.00E+00	1.51E+01
				Cs-134	<1.87E+01	0.00E+00	1.87E+01
				Cs-137	<1.53E+01	0.00E+00	1.53E+01
				BaLa-140	<1.66E+01	0.00E+00	1.66E+01
				Be-7	9.99E+02	1.82E+02	1.66E+02
				K-40	5.10E+03	6.18E+02	2.28E+02
Sample ID:	**611733**	**Sample Dates: 5/7/2024 - 5/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.23E+01	0.00E+00	1.23E+01
				Co-58	<9.32E+00	0.00E+00	9.32E+00
				Fe-59	<2.04E+01	0.00E+00	2.04E+01
				Co-60	<1.31E+01	0.00E+00	1.31E+01
				Zn-65	<2.77E+01	0.00E+00	2.77E+01
				Zr-95	<1.78E+01	0.00E+00	1.78E+01
				Nb-95	<1.15E+01	0.00E+00	1.15E+01
				I-131	<1.28E+01	0.00E+00	1.28E+01
				Cs-134	<1.74E+01	0.00E+00	1.74E+01
				Cs-137	<1.41E+01	0.00E+00	1.41E+01
				BaLa-140	<8.60E+00	0.00E+00	8.60E+00
				Be-7	4.95E+02	1.20E+02	1.39E+02
				K-40	2.66E+03	3.77E+02	2.31E+02
Sample ID:	**613518**	**Sample Dates: 6/4/2024 - 6/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.44E+01	0.00E+00	3.44E+01
				Co-58	<3.61E+01	0.00E+00	3.61E+01
				Fe-59	<6.70E+01	0.00E+00	6.70E+01
				Co-60	<3.75E+01	0.00E+00	3.75E+01
				Zn-65	<9.73E+01	0.00E+00	9.73E+01
				Zr-95	<6.59E+01	0.00E+00	6.59E+01
				Nb-95	<3.47E+01	0.00E+00	3.47E+01
				I-131	<2.96E+01	0.00E+00	2.96E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	613518	Sample Dates: 6/4/2024 - 6/4/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<3.87E+01	0.00E+00	3.87E+01
				Cs-137	<3.25E+01	0.00E+00	3.25E+01
				BaLa-140	<4.47E+01	0.00E+00	4.47E+01
				Be-7	8.60E+02	2.87E+02	3.57E+02
				K-40	3.70E+03	7.29E+02	4.84E+02
Sample ID:	**610299**	**Sample Dates: 7/2/2024 - 7/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.68E+01	0.00E+00	2.68E+01
				Co-58	<2.39E+01	0.00E+00	2.39E+01
				Fe-59	<5.68E+01	0.00E+00	5.68E+01
				Co-60	<2.63E+01	0.00E+00	2.63E+01
				Zn-65	<5.64E+01	0.00E+00	5.64E+01
				Zr-95	<4.14E+01	0.00E+00	4.14E+01
				Nb-95	<2.98E+01	0.00E+00	2.98E+01
				I-131	<4.66E+01	0.00E+00	4.66E+01
				Cs-134	<3.18E+01	0.00E+00	3.18E+01
				Cs-137	<2.27E+01	0.00E+00	2.27E+01
				BaLa-140	<3.70E+01	0.00E+00	3.70E+01
				Be-7	5.30E+02	2.04E+02	2.79E+02
				K-40	5.64E+03	7.47E+02	2.34E+02
Sample ID:	**616645**	**Sample Dates: 8/6/2024 - 8/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.07E+01	0.00E+00	3.07E+01
				Co-58	<3.05E+01	0.00E+00	3.05E+01
				Fe-59	<6.57E+01	0.00E+00	6.57E+01
				Co-60	<3.04E+01	0.00E+00	3.04E+01
				Zn-65	<7.38E+01	0.00E+00	7.38E+01
				Zr-95	<6.89E+01	0.00E+00	6.89E+01
				Nb-95	<4.05E+01	0.00E+00	4.05E+01
				I-131	<3.35E+01	0.00E+00	3.35E+01
				Cs-134	<4.64E+01	0.00E+00	4.64E+01
				Cs-137	<3.54E+01	0.00E+00	3.54E+01
				BaLa-140	<9.80E+00	0.00E+00	9.80E+00
				Be-7	9.79E+02	3.36E+02	4.27E+02
				K-40	3.29E+03	6.65E+02	7.68E+01
Sample ID:	**618271**	**Sample Dates: 9/4/2024 - 9/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.00E+01	0.00E+00	3.00E+01
				Co-58	<2.22E+01	0.00E+00	2.22E+01
				Fe-59	<4.80E+01	0.00E+00	4.80E+01
				Co-60	<3.14E+01	0.00E+00	3.14E+01
				Zn-65	<6.21E+01	0.00E+00	6.21E+01
				Zr-95	<4.77E+01	0.00E+00	4.77E+01
				Nb-95	<2.63E+01	0.00E+00	2.63E+01
				I-131	<3.48E+01	0.00E+00	3.48E+01
				Cs-134	<3.00E+01	0.00E+00	3.00E+01
				Cs-137	<2.79E+01	0.00E+00	2.79E+01
				BaLa-140	<4.24E+01	0.00E+00	4.24E+01
				Be-7	1.41E+03	3.39E+02	3.63E+02
				K-40	3.07E+03	6.29E+02	4.57E+02
Sample ID:	**620259**	**Sample Dates: 10/1/2024 - 10/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.60E+01	0.00E+00	2.60E+01
				Co-58	<2.04E+01	0.00E+00	2.04E+01
				Fe-59	<4.21E+01	0.00E+00	4.21E+01
				Co-60	<2.57E+01	0.00E+00	2.57E+01
				Zn-65	<5.34E+01	0.00E+00	5.34E+01
				Zr-95	<4.49E+01	0.00E+00	4.49E+01
				Nb-95	<2.27E+01	0.00E+00	2.27E+01
				I-131	<2.50E+01	0.00E+00	2.50E+01
				Cs-134	<2.74E+01	0.00E+00	2.74E+01
				Cs-137	<2.56E+01	0.00E+00	2.56E+01
				BaLa-140	<3.47E+01	0.00E+00	3.47E+01
				Be-7	1.29E+03	2.69E+02	2.79E+02
				K-40	3.79E+03	6.01E+02	3.68E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 258 [CONTROL - W @ 9.84 miles]

Sample ID:	621919	Sample Dates: 11/5/2024 - 11/5/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.96E+01	0.00E+00	1.96E+01
				Co-58	<1.81E+01	0.00E+00	1.81E+01
				Fe-59	<3.89E+01	0.00E+00	3.89E+01
				Co-60	<1.61E+01	0.00E+00	1.61E+01
				Zn-65	<5.68E+01	0.00E+00	5.68E+01
				Zr-95	<4.10E+01	0.00E+00	4.10E+01
				Nb-95	<2.14E+01	0.00E+00	2.14E+01
				I-131	<1.93E+01	0.00E+00	1.93E+01
				Cs-134	<2.56E+01	0.00E+00	2.56E+01
				Cs-137	<1.95E+01	0.00E+00	1.95E+01
				BaLa-140	<2.34E+01	0.00E+00	2.34E+01
				Be-7	8.56E+02	2.14E+02	2.57E+02
				K-40	3.36E+03	5.13E+02	2.60E+02
Sample ID:	**614651**	**Sample Dates: 12/3/2024 - 12/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.49E+01	0.00E+00	2.49E+01
				Co-58	<2.04E+01	0.00E+00	2.04E+01
				Fe-59	<3.13E+01	0.00E+00	3.13E+01
				Co-60	<2.22E+01	0.00E+00	2.22E+01
				Zn-65	<5.08E+01	0.00E+00	5.08E+01
				Zr-95	<3.54E+01	0.00E+00	3.54E+01
				Nb-95	<1.93E+01	0.00E+00	1.93E+01
				I-131	<1.99E+01	0.00E+00	1.99E+01
				Cs-134	<2.30E+01	0.00E+00	2.30E+01
				Cs-137	<2.42E+01	0.00E+00	2.42E+01
				BaLa-140	<2.98E+01	0.00E+00	2.98E+01
				Be-7	5.59E+02	2.19E+02	3.13E+02
				K-40	4.64E+03	6.62E+02	4.03E+02

APPENDIX F

ERRATA TO PREVIOUS REPORTS

2024

There Are No Known Errata
To The 2024 AREOR.

Enclosure 3
RA-25-0096

ENCLOSURE 3: HNP Annual Radiological Environmental Operating Report

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

DUKE ENERGY PROGRESS, LLC

SHEARON HARRIS NUCLEAR POWER PLANT

2024

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LIST OF ACRONYMS USED IN THIS TEXT *(in alphabetical order)*

A	Annually
APAC	Air Particulate Air Cartridge/Radioiodine
AR	Action Request - Corrective Action Program
AREOR	Annual Radiological Environmental Operating Report
BLV	Broadleaf Vegetation
BW	Biweekly
C	Control
CM	Community
DRR	Document Revision Request
DW	Drinking Water
EZA	Eckert and Ziegler Analytics
GPS	Global Positioning System
GW	Ground Water
HNP	Harris Nuclear Plant or Shearon Harris Nuclear Plant
LLD	Lower Limit of Detection
LUC	Land Use Census
M	Monthly
MAPEP	Department of Energy Mixed Analyte Performance Evaluation Program
MDA	Minimum Detectable Activity
mR/STD Qtr	milliroentgen per standard quarter
MWe	Mega Watts electric
NIST	National Institute of Standards and Technology
NCR	Nuclear Condition Report - Corrective Action Program
NRC	Nuclear Regulatory Commission
ODCM	Offsite Dose Calculation Manual
pCi/kg	picocurie per kilogram
pCi/l	picocurie per liter
pCi/m^3	picocurie per cubic meter
Q	Quarterly
REMP	Radiological Environmental Monitoring Program
SA	Semiannually
SB	Site Boundary
SHNPP	Shearon Harris Nuclear Power Plant
SM	Semimonthly
SW	Surface Water
TLD	Thermoluminescent Dosimeter
UFSAR	Updated Final Safety Analysis Report
W	Weekly

1.0 EXECUTIVE SUMMARY

This Annual Radiological Environmental Operating Report describes the Shearon Harris Nuclear Power Plant Radiological Environmental Monitoring Program (REMP), and the program results for the calendar year 2024.

Included in the report are the identification of sampling locations, descriptions of environmental sampling and analysis procedures, comparisons of present environmental radioactivity levels and pre-operational environmental data, analysis of trends in environmental radiological data as potentially affected by plant operations, and a summary of environmental radiological sampling results. Quality assurance practices, sampling deviations, unavailable samples, and program changes are also discussed.

Sampling activities were conducted as prescribed by the Harris Nuclear Plant (HNP) Offsite Dose Calculation Manual (ODCM). One thousand two hundred and seventy-nine samples were analyzed comprising one thousand three hundred and thirty-two test results in order to compile data for the 2024 report. Based on the annual land use census, the current number of sampling sites for HNP is sufficient.

Concentrations observed in the environment in 2024 for plant related radionuclides were generally within the ranges of concentrations observed in the past. Inspection of the data showed that radioactivity concentrations in drinking water, ground water, surface water, and bottom sediment are higher than the activities reported for samples collected prior to the operation of the station. Measured concentrations, including tritium, were not higher than expected and all positively identified measurements attributable to station operation were within limits as specified in the HNP ODCM and regulatory limits, thus presenting no significant impact on the environment or public health and safety.

2.0 INTRODUCTION

2.1 SITE DESCRIPTION AND SAMPLE LOCATIONS

Duke Energy Progress, LLC (Duke Energy), Shearon Harris Nuclear Power Plant, is a single-unit facility located on the shore of Harris Lake in southwest Wake County, North Carolina. The pressurized water reactor nuclear steam supply system furnished by Westinghouse Electric Corporation is designed to produce a net electrical output of approximately 930 MWe. Initial criticality was achieved on January 3, 1987.

Condenser cooling is accomplished utilizing a closed system incorporating a cooling tower, instead of using lake water directly. Liquid effluents are released into Harris Lake via the station discharge canal and are not accompanied by the large additional dilution water flow associated with "once-through" condenser cooling. This design results in greater radionuclide concentrations in the discharge canal given comparable liquid effluent source terms.

Sampling locations are chosen based upon meteorological factors, preoperational monitoring, and results of the land use surveys. Figure 2.1-1 is a map of the HNP site boundary. Sample points beyond the site boundary are considered offsite. Figures 2.1-2, 2.1-3, and 2.1-4 are maps depicting the Thermoluminescent Dosimeter (TLD) monitoring locations and the sampling locations. The location numbers shown on these maps correspond to those listed in Tables 2.1-A and 2.1-B. Figure 2.1-2 comprises all sample locations within a one-mile radius of HNP. Figure 2.1-3 comprises all sample locations within a 10-mile radius of HNP. Figure 2.1-4 comprises all sample locations beyond a 10-mile radius of HNP.

The Shearon Harris Nuclear Plant centerline used for GPS measurements was referenced from the Shearon Harris Nuclear Plant Updated Final Safety Analysis Report (UFSAR), section 2.1.1.1, Specification of Location. Waypoint coordinates used for HNP GPS measurements were latitude 35°-38'-00"N and longitude 78°-57'-22"W. Maps and tables were generated using North American Datum (NAD) 27. Data normally reflect accuracy to within 2 to 5 meters from point of measurement. All GPS field measurements were taken as close as possible to the item of interest. Distances for the locations are displayed using three significant figures.

2.2 SCOPE AND REQUIREMENTS OF THE REMP

An environmental monitoring program has been in effect at HNP since 1982, five years prior to commencing operation. The preoperational program provides data on the existing environmental radioactivity levels for the site and vicinity, which may be used to determine whether increases in environmental levels are attributable to the station. The operational program provides surveillance and backup support of detailed effluent monitoring which is necessary to evaluate the significance, if any, of the contributions to the existing environmental radioactivity levels that result from station operation.

This monitoring program is based on NRC guidance and is conducted in accordance with Operational Requirement 3.12.1 in the HNP Offsite Dose Calculation Manual and applicable procedures; with regards to sample media, sampling locations, sampling frequency, and analytical sensitivity requirements. Indicator and control locations were established for comparison purposes to distinguish radioactivity of plant origin from natural or other "man-made" environmental radioactivity. The environmental monitoring program also verifies projected and anticipated radionuclide concentrations in the environment and related exposures from releases of radionuclides from HNP. This program satisfies the requirements of Section IV.B.2 of Appendix I to 10CFR50 and provides surveillance of all appropriate critical exposure pathways to man and protects vital interests of the company, public and state and federal agencies concerned with the environment. Reporting levels for activity found in environmental samples are listed in Table 2.2-A. Table 2.2-B lists the REMP analysis and frequency schedule.

The Annual Land Use Census, required by the HNP Offsite Dose Calculation Manual, is performed to ensure that changes in the use of areas at or beyond the site boundary are identified and that modifications to the REMP are made if required by changes in land use. This census satisfies the requirements of Section IV.B.3 of Appendix I to 10CFR50. Results are shown in Table 3.13.

Participation in an interlaboratory comparison program is performed in fulfillment of HNP ODCM Operational Requirements. The comparison program provides for independent checks on the precision and accuracy of measurements of radioactive material in REMP sample matrices. Such checks are performed as part of the quality assurance program for environmental monitoring in order to demonstrate that the results are valid for the purposes of Section IV.B.2 of Appendix I to 10CFR50. A summary of the results obtained as part of this comparison program are in Section 4 of this annual report.

2.3 STATISTICAL AND CALCULATIONAL METHODOLOGY

2.3.1 ESTIMATION OF THE MEAN VALUE

There was one (1) basic statistical calculation performed on the raw data resulting from the environmental sample analysis program. The calculation involved the determination of the mean value for the indicator and the control samples for each sample medium. The mean is a widely used statistic. This value was used in the reduction of the data generated by the sampling and analysis of the various media in the Radiological Environmental Monitoring Program. "Net activity (or concentration)" is the activity (or concentration) determined to be present in the sample. No "Minimum Detectable Activity", "Lower Limit of Detection", "Less Than Level", or negative activities or concentrations are included in the calculation of the mean. The following equation was used to estimate the mean:

$$\overline{x} = \frac{\sum_{i=1}^{N} x_i}{N}$$

Where:

$\bar{x}$ = estimate of the mean,
i = individual sample,
N = total number of samples with a net activity (or concentration),
χ_i = net activity (or concentration) for sample i.

2.3.2 LOWER LIMIT OF DETECTION AND MINIMUM DETECTABLE ACTIVITY

The Lower Limit of Detection (LLD) and Minimum Detectable Activity (MDA) are used throughout the REMP.

LLD - The LLD, as defined in the ODCM as the smallest concentration of radioactive material in a sample that will yield a net count, above the system background, that will be detected with 95% probability with only 5% probability of falsely concluding that a blank observation represents a "real" signal. The LLD is an *a priori* (before the fact) lower limit of detection. The actual LLD is dependent upon the standard deviation of the background-counting rate, the counting efficiency, the sample size (mass or volume), the radiochemical yield and the radioactive decay of the sample between sample collection and counting. The "required" LLDs for each sample medium and selected radionuclides are given in the ODCM and are listed in Table 2.2-C.

MDA - The MDA is the net counting rate (sample after subtraction of background) that must be surpassed before a sample is considered to contain a scientifically measurable amount of a radioactive material exceeding background amounts. The MDA is calculated using a sample background and may be thought of as an "actual" LLD for a particular sample measurement. Certain gross counting measurements display a calculated negative value, indicating background is greater than sample activity.

2.3.3 TREND IDENTIFICATION

One of the purposes of an environmental monitoring program is to determine if there is a buildup of radionuclides in the environment due to the operation of the nuclear plant. Visual inspection of tabular or graphical presentations of data (including preoperational) is used to determine if a trend exists. A decrease in a particular radionuclide's concentration in an environmental medium does not indicate that reactor operations are removing radioactivity from the environment, but that reactor operations are not adding that radionuclide to the environment in quantities exceeding the preoperational level and that the normal removal processes (radioactive decay, deposition, resuspension, etc.) are influencing the concentration.

Substantial increases or decreases in the amount of a particular radionuclide's release from the nuclear plant will greatly affect the resulting environmental levels; therefore, a knowledge of the release of a radionuclide from the nuclear plant is necessary to completely interpret the trends, or lack of trends, determined from the environmental data. Factors that may affect environmental levels of radionuclides include prevailing weather

conditions (periods of drought, solar cycles or heavier than normal precipitation), construction in or around either the nuclear plant or the sampling location, and addition or deletion of other sources of radioactive materials (such as the 1986 Chernobyl accident and the Japan earthquake and tsunami, which triggered the 2011 Fukushima Dai-ichi Nuclear Power Plant incident). Some of these factors may be obvious while others are sometimes unknown. Therefore, how trends are identified will include some judgment by plant personnel.

Figure 2.1-1

Map of Site Boundary

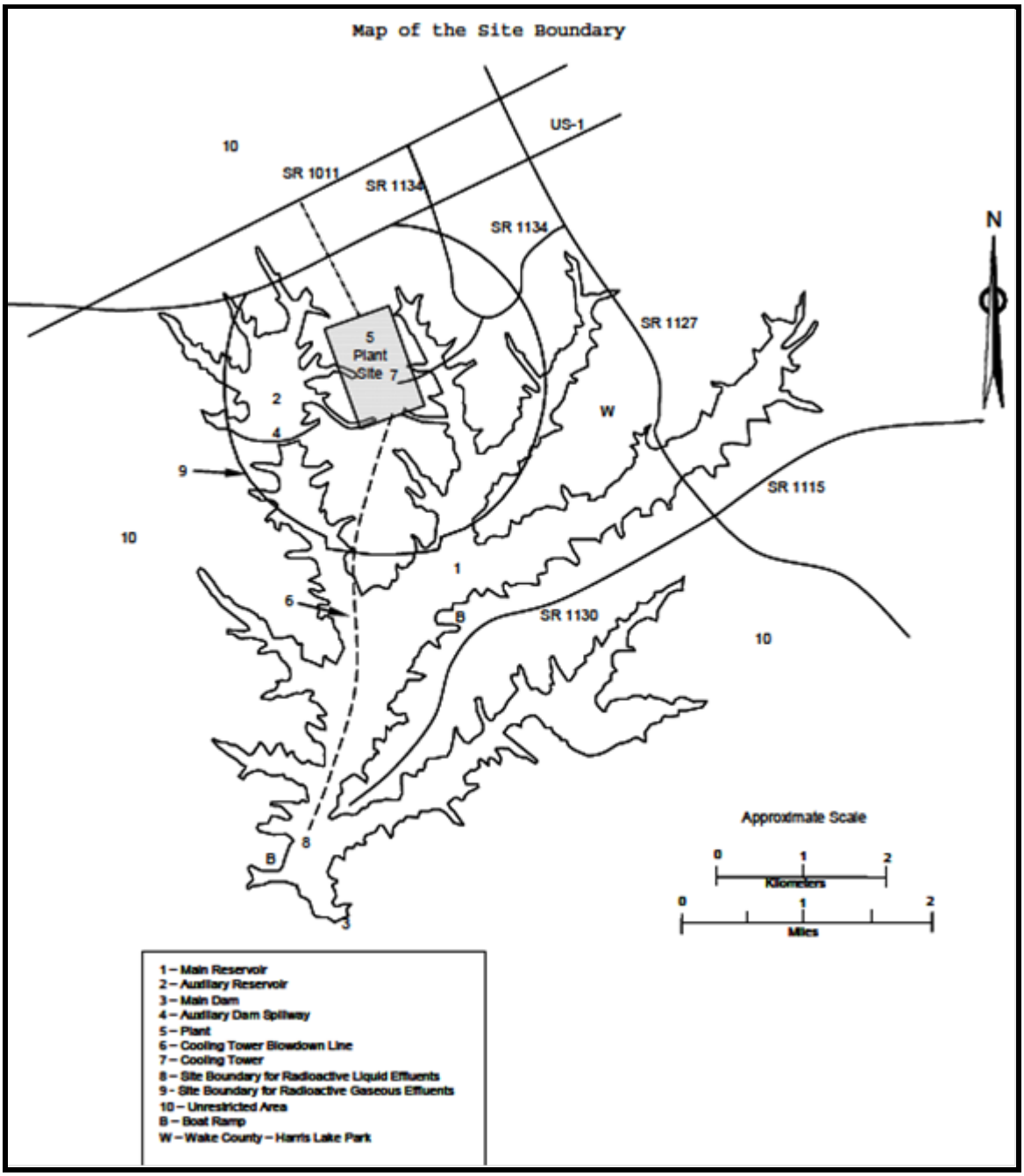


Figure 2.1-2

Harris Nuclear Plant Sampling Locations - One Mile Radius

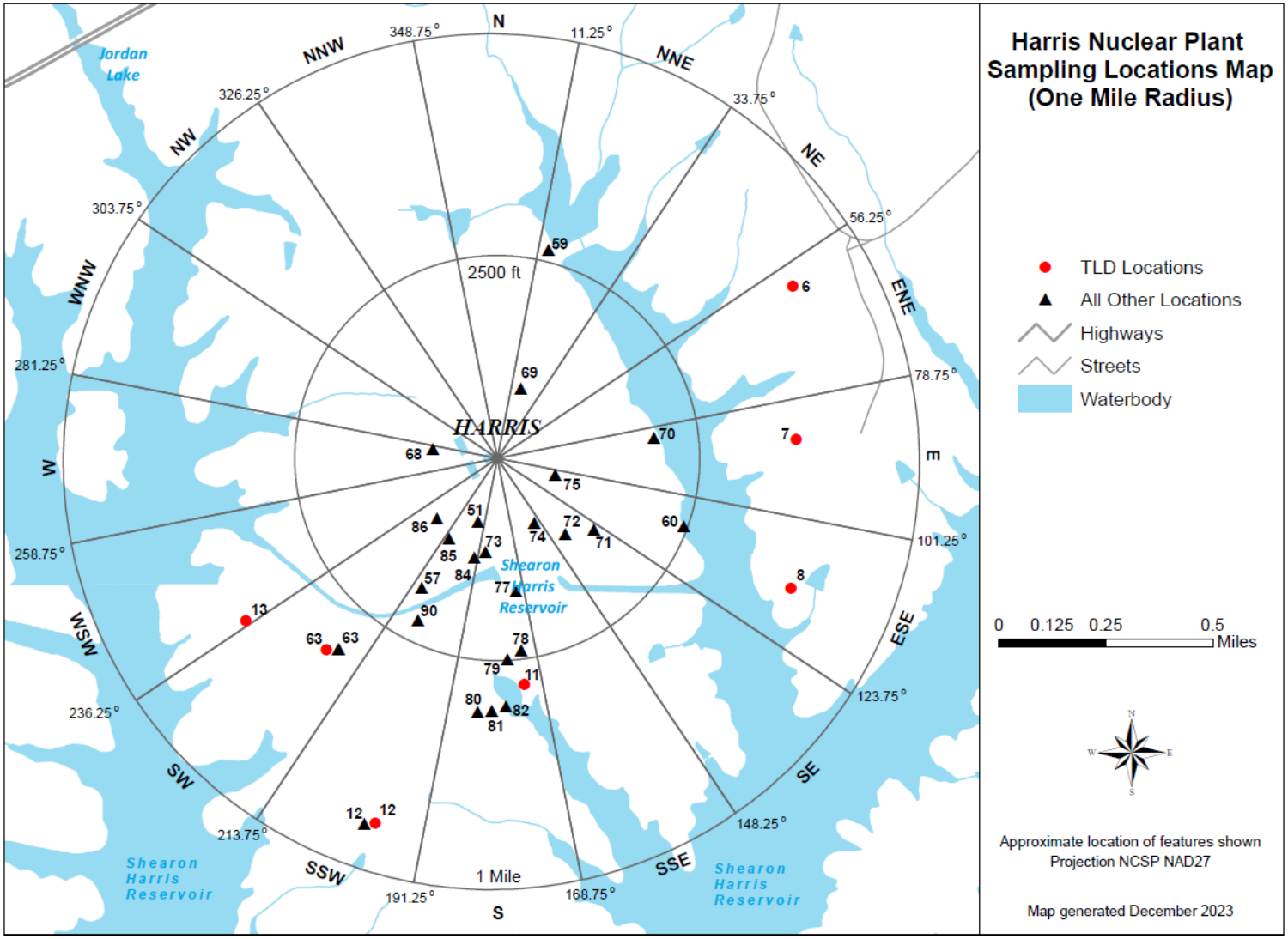


Figure 2.1-3
Harris Nuclear Plant Sampling Locations - Ten Mile Radius

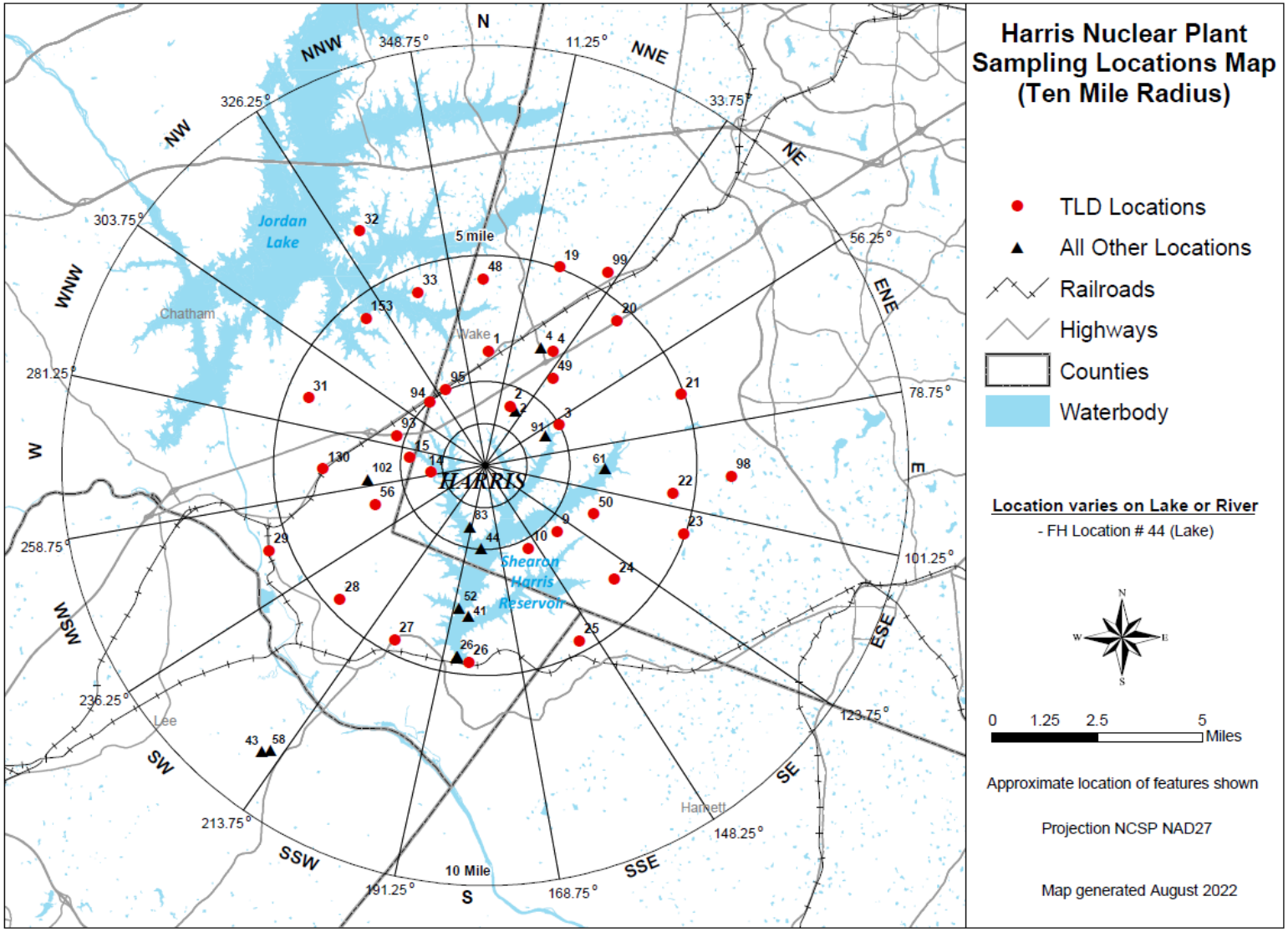


Figure 2.1-4
Harris Nuclear Plant Sampling Locations – >10 Mile Radius

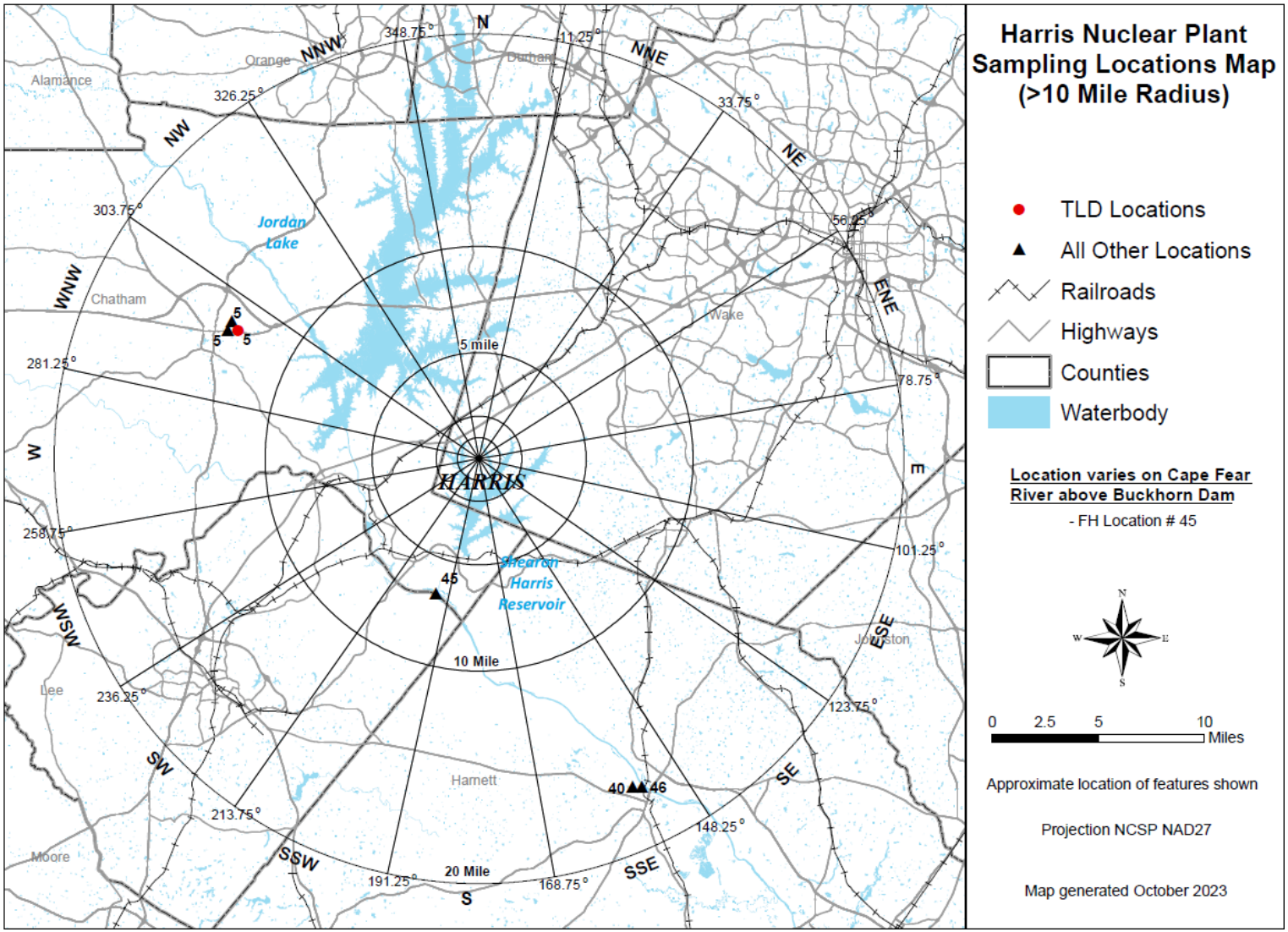


TABLE 2.1-A

HARRIS NUCLEAR PLANT

RADIOLOGICAL MONITORING PROGRAM SAMPLING LOCATIONS

Table 2.1-A Codes									
A	Annual	BW	BiWeekly	FP	Food Product	Q	Quarterly	SS	Sediment Shoreline
AC	Air Cartridge	C	Control[4]	GW	Ground Water	SA	Semiannually	SW	Surface Water
AP	Air Particulate	CM	Community	I	Indicator	SB	Site Boundary	W	Weekly
AV	Aquatic Vegetation	DW	Drinking Water	M	Monthly	SBT	Sediment Bottom		
BLV	Broadleaf Vegetation	FI	Fish	MK	Milk	SM	Semimonthly		

Site#	Type	Location Description[3]	AC & AP	SW	DW	SS	SBT	AV	Fish (FI)	MilK (Mk)	BLV	GW
2	I	1.4 miles NNE	W/Q/SB									
4	I	3.1 miles NNE	W/Q/CM									
5	C	13.3 miles WNW – Pittsboro	W/Q								M [1]	
12	I	0.9 miles SSW									M [1]	
26	I	4.7 miles S	W/Q	M		SA [5]		A				
40	I	17.2 miles SSE - Lillington		M/Q								
41	I	3.8 miles S				SA		A				
43	C	8.5 miles SW		M/Q								
44	I	Site varies in Harris Lake							SA			
45	C	Site varies in Cape Fear River above Buckhorn Dam							SA			
46	I	17.2 miles SSE - Lillington			M/Q							
51	I	Water Treatment Building (On Site)			M							
52	I	3.8 miles S					SA					
57	I	0.4 miles SSW										Q
58	C	8.5 miles SW			M/Q							
59	I	0.5 miles NNE										Q
60	I	0.5 miles ESE										Q
61	C	2.5 miles E						A				
63	I	0.6 miles SW	W/Q/SB								M [1]	
68	I	0.2 miles W										Q
69	I	0.2 miles NNE										Q
70	I	0.4 miles E										Q
71	I	0.3 miles SE										Q
72	I	0.2 miles SE										Q
73	I	0.2 miles S										Q
74	I	0.2 miles SSE										Q
75	I	0.1 miles ESE										Q
77	I	0.4 miles S										Q
78	I	0.5 miles S										Q
79	I	0.5 miles S										Q
80	I	0.6 miles S										Q
81	I	0.6 miles S										Q
82	I	0.6 miles S										Q
83	I	1.6 miles SSW										Q
84	I	0.2 miles SSW										Q
85	I	0.2 miles SSW										Q
86	I	0.2 miles SW										Q
90	I	0.5 miles SSW	W/Q/SB									
91	I	1.6 miles ENE	W/Q									
102	I	2.8 miles W								SM[2]		

(1) Broadleaf vegetation refers to any natural vegetation, plants, shrubs, or trees that have wide, flat leaves or leaves with veins which branch from a main vein. Typically leaves are only present during the growing season May through October.
(2) Goat milk is seasonally available. Typically, goats lactate during the spring, summer, and early fall (April through October).
(3) GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.
(4) Control sample stations (or background stations) are located in areas that are unaffected by plant operations. All other stations that have the potential to be affected by radioactive emissions from plant operations are considered indicator locations.
(5) 4.6 miles from site.

TABLE 2.1-B

HARRIS NUCLEAR PLANT

RADIOLOGICAL MONITORING PROGRAM SAMPLING LOCATIONS (TLD SITES)

Table 2.1-B Codes			
C	Control	OR	Outer Ring
IR	Inner Ring	SI	Special Interest

Site #	Measure Type	Location[1] [2]	Distance (miles)	Sector	Site #	Measure Type	Location[1] [2]	Distance (miles)	Sector
1	IR	0.1 mi. S on SR 1134 from SR 1011 intersection	2.6	N	25	OR	0.2 mi. W on SR 1402 from intersection of SR 1400	4.7	SSE
2	IR	1.4 mi. S on SR 1134 from SR 1011 intersection	1.4	NNE	26	OR	Harris Lake Spillway	4.7	S
3	SI	HE&EC Visitor Center (Population Center)	1.9	ENE	27	OR	NC 42 @ Buckhorn United Methodist Church	4.8	SSW
4	SI	New Hill (Population Center) 0.7 mi. N on SR 1127 from intersection with US 1	3.1	NNE	28	OR	0.6 mi. on SR 1924 from intersection of SR 1916	4.8	SW
5	C	Pittsboro (Control Station)	13.3	WNW	29	OR	Parking lot on SR 1916	5.7	WSW
6	IR	Intersection of SR 1134 & SR 1135	0.8	ENE	31	OR	Intersection of SR 1908, 1909, 1910	4.7	WNW
7	IR	Extension of SR 1134	0.7	E	32	SI	Jordan Lake (Population Center) SR 1008	6.4	NNW
8	IR	Dead end of road, Extension of SR 1134	0.6	ESE	33	OR	SR 1142, 1.7 mi. from intersection of SR 1141	4.5	NNW
9	IR	1 mi. S on SR 1130 from intersection of SR 1127, 1115, and 1130	2.2	SE	48	OR	SR 1142, 1.5 mi. from intersection of SR 1141	4.5	N
10	IR	SR 1130 S of intersection of SR 1127, 1115, and 1130	2.2	SSE	49	IR	SR 1127, 0.3 mi. S from intersection with US 1	2.5	NE
11	IR	SHNPP site	0.6	S	50	SI	Holleman Crossroads (Population Center) SR 1127 W from intersection SR 1115 and 1130	2.6	ESE
12	IR	SHNPP site	0.9	SSW	56	IR	SR 1912 at intersection of SR 1912 and SR 1924	3.0	WSW
13	IR	SHNPP site	0.7	WSW	63	IR	SHNPP Site	0.6	SW
14	IR	SHNPP site Access road to aux. reservoir	1.5	W	93	IR	SR 1911	2.2	WNW
15	IR	SR 1911	2.0	W	94	IR	Old US HWY 1	2.0	NW
19	OR	Cross Country Lane and Humie Olive Rd	5.0	NNE	95	IR	Bonsal Road	2.0	NNW
20	OR	US 1 at intersection SR 1149	4.5	NE	98	SI	Holly Springs School Complex (Population Center)	5.9	E
21	OR	1.2 mi. W on SR 1152 from intersection SR 1153	4.8	ENE	99	SI	Friendship School (Population Center)	5.5	NNE
22	OR	Formerly Ragan's Dairy on SR 1115	4.3	E	130	OR	Old US Hwy 1	3.9	W
23	OR	Intersection of SR 1127 and SR 1116	4.8	ESE	153	OR	Beaver Creek Road	4.5	NW
24	OR	Sweet Springs Church on SR 1116	4.0	SE					

(1) GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.
(2) One or more instruments, such as a pressurized ion chamber, for measuring and recording dose rate continuously may be used in place of, or in addition to, integrating dosimeters. For the purposes of this table, a thermoluminescent dosimeter (TLD) is considered to be one phosphor; two or more phosphors in a packet are considered as two or more dosimeters. Film badges shall not be used as dosimeters for measuring direct radiation. (The 40 stations is not an absolute number. The number of direct radiation monitoring stations may be reduced according to geographical limitations; e.g., at an ocean site, some sectors will be over water so that the number of dosimeters may be reduced accordingly. The frequency of analysis or readout for TLD systems will depend upon the characteristics of the specific system used and should be selected to obtain optimum dose information within minimal fading.)

TABLE 2.2-A

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES

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

(a) For drinking water samples. This is 40 CFR Part 141 value. If no drinking water pathway exists, a value of 30,000 pCi/liter may be used.
(b) If no drinking water pathway exists, a value of 20 pCi/liter may be used.

TABLE 2.2-B

REMP ANALYSIS FREQUENCY

Sample Medium	Analysis Schedule	Gamma Isotopic[c]	Tritium	Low Level I-131	Gross Beta	TLD
Air Radioiodine	Weekly	X				
Air Particulate	Weekly[b]				X	
	Quarterly	X				
Direct Radiation	Quarterly					X
Surface Water	Monthly Composite[d] [f]	X	X			
Drinking Water	Monthly Composite[a] [f] [g]	X	X		X	
Ground Water	Quarterly[e]	X	X			
Bottom Sediment	Semiannually	X				
Shoreline Sediment	Semiannually	X				
Milk	Semimonthly	X		X		
Fish	Semiannually	X				
Aquatic Vegetation	Annually	X				
Broadleaf Vegetation	Monthly	X				

(a) Low-level I-131 will be analyzed on each composite when the dose calculated for the consumption of the water is greater than 1 mrem/yr.

(b) Airborne particulate sample filters shall be analyzed for gross beta radioactivity 24 hours or more after sampling to allow for radon and thoron daughter decay. If gross beta activity in air particulate samples is greater than 10 times the yearly mean of control samples, gamma isotopic analysis shall be performed on the individual samples.

(c) Gamma isotopic analysis means the identification and quantification of gamma emitting radionuclides that may be attributable to the effluents from the facility.

(d) A composite sample is one in which the rate at which the liquid sampled is uniform and in which the method of sampling employed results in a specimen that is representative of the time-averages concentration at the location being samples. In this program composite sample aliquots shall be collected at time intervals that are very short (e.g. hourly) relative to the composite period (e.g. monthly) in order to assure obtaining a representative sample.

(e) Groundwater samples shall be taken when the source is tapped for drinking or irrigation purposes in areas where the hydraulic gradient or recharge properties are suitable for contamination. None of the previously identified locations have been used for drinking water since pre-operational days of Harris Nuclear Project nor have these wells ever been used for irrigation purposes. These wells were abandoned for drinking water purposes prior to plant operations. Since that time, these wells have been used to monitor the hydraulic gradient or gradient properties for the Harris Site and for the operational Radiological Environmental Monitoring Program.

(f) The “upstream sample” shall be taken at a distance beyond significant influence of the discharge. The “downstream” sample shall be taken in an area beyond the but near the mixing zone. “Upstream” samples in an estuary must be taken far enough upstream to be beyond the plant influence. Salt water shall be sampled only when the receiving water is utilized for recreational activities.

(g) The dose shall be calculated for the maximum organ and age group, using the methodology and parameters in the ODCM.

TABLE 2.2-C

DETECTION CAPABILITIES FOR THE *A PRIORI* LOWER LIMIT OF DETECTION

Analysis	Water (pCi/liter)	Airborne Particulates or Gases (pCi/m^3)	Fish (pCi/kg-wet)	Milk (pCi/liter)	Food Products (pCi/kg-wet)	Sediment (pCi/kg-dry)
Gross Beta	4	0.01				
H-3	2000 [(a)]					
Mn-54	15		130			
Fe-59	30		260			
Co-58, 60	15		130			
Zn-65	30		260			
Zr-Nb-95	15					
I-131	1 [(b)]	0.07		1	60	
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140	15			15		

(a) If no drinking water pathway exists, a value of 3000 pCi/liter may be used.
(b) If no drinking water pathway exists, a value of 15 pCi/liter may be used.

3.0 INTERPRETATION OF RESULTS

Review of all 2024 REMP analysis results was performed to identify changes in environmental levels as a result of plant operations. The following section depicts and explains the review of these results. Sample data for 2024 was compared to historical data. Over the years of operation, analysis and collection changes have taken place that do not allow direct comparisons for some data collected from 1984 (preoperational) through 2024. Summary tables containing 2024 information required by Technical Specifications 6.9.1.3 and HNP ODCM E.3 are located in Appendix B. REMP results for 2024 are located in Appendix E.

Evaluation for significant trends was performed for radionuclides that are listed as required within the HNP ODCM. The radionuclides include: H-3, Mn-54, Fe-59, Co-58, Co-60, Zn-65, Zr-95, Nb-95, I-131, Cs-134, Cs-137, Ba-140 and La-140. Other radionuclides detected that are the result of plant operation, but not required for reporting, are trended.

The HNP ODCM addresses actions to be taken if radionuclides other than those required are detected in samples collected. The occurrences of these radionuclides could be the result of HNP liquid effluents which contained the radionuclides.

All 2024 sample analysis results were reviewed to detect and identify any significant trends. All negative concentration values were replaced with zero for calculation purposes. Any zero concentrations used in tables or graphs represent activity measurements less than detectable levels.

Review of the 2024 data presented in this section supports the conclusion that there were no significant changes in environmental sample radionuclide concentrations of samples collected and analyzed from HNP and surrounding areas that were attributable to plant operations. Inspection of the data showed that radioactivity concentrations were as expected and all positively identified measurements attributed to plant operations were within HNP ODCM regulatory limits; thus, presenting no significant impact to the environment or public health and safety.

Data presented in Sections 3.1 through 3.11 support the conclusion that there was no significant increase in radioactivity in the environment around HNP due to station operations in 2024. Similarly, there was no significant increase in ambient background radiation levels in the surrounding areas. The 2024 land use census data, shown in Section 3.12, indicates that no program changes are required as a result of the census.

3.1 AIRBORNE RADIOIODINE AND PARTICULATES

Airborne particulate and radioiodine samples were composited by means of continuous air samplers. Air particulates were collected on a particulate filter and radioiodines were collected in a charcoal cartridge positioned behind the filter in the sampler. The samplers are designed to operate at a constant flow rate (in order to compensate for any filter loading) and are set to sample approximately 2 cubic feet per minute. Filters and cartridges were collected weekly.

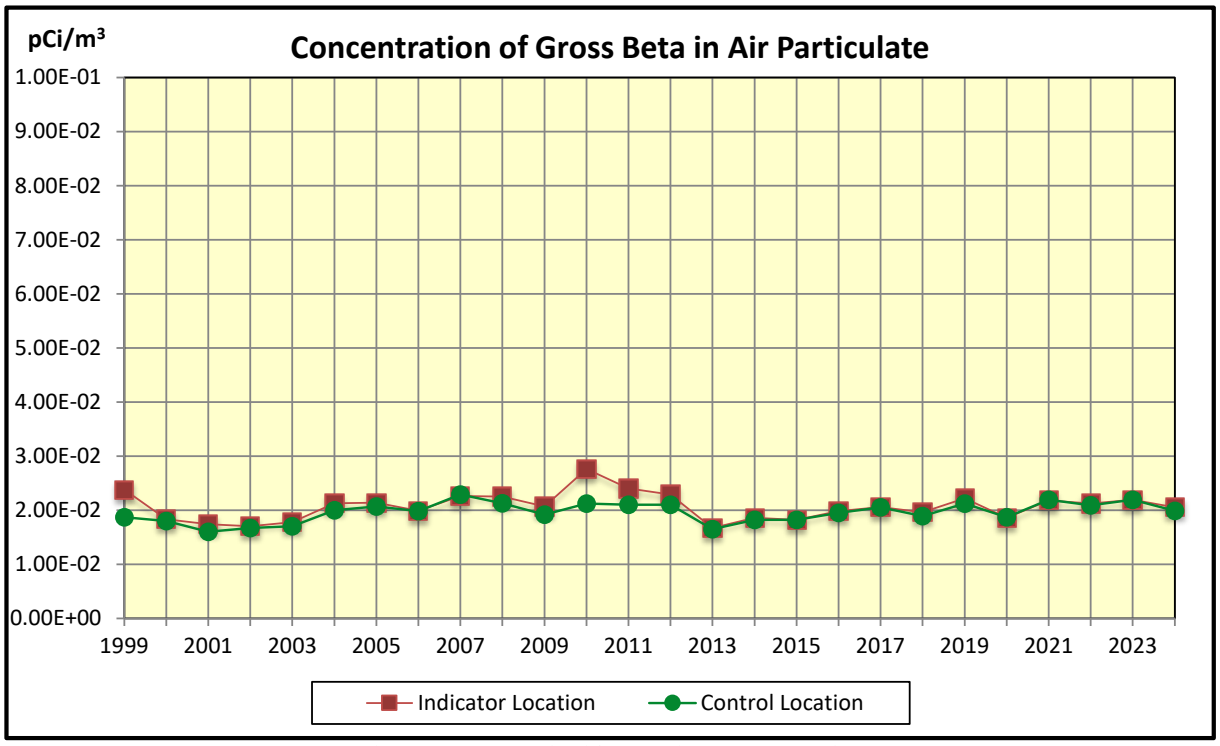
In 2024, 364 radioiodine and particulate samples were collected and analyzed, 312 from six indicator locations and 52 at the control location. Particulate samples were analyzed weekly for gross beta. A quarterly gamma analysis was performed on the quarterly filter composite (by location). The radioiodine samples received a weekly gamma analysis.

Gross beta analyses indicated 2.05E-2 pCi/m^3 at the location with the highest annual mean and 1.99E-2 pCi/m^3 at the control location. No gross beta activity in air particulate samples was greater than ten times the yearly mean of the control samples. There were no detectable gamma emitters attributable to plant operations identified for particulate filters analyzed during 2024. Figure 3.1 shows individual sample gross beta results for the indicator location with highest annual mean and the control location samples during 2024. The two sample locations' results are similar in concentration and have varied negligibly. Table 3.1-A shows the highest indicator annual mean and control location annual mean for gross beta in air particulate.

There was no detectable I-131 in air radioiodine samples analyzed in 2024. Table 3.1-B shows the highest indicator annual mean and control location annual mean for I-131 since 1999. No I-131 activity due to HNP operations has been detected during the entire operating history of the plant.

K-40 and Be-7 were observed in air samples and quarterly particulate composites but are naturally occurring radionuclides.

Figure 3.1



There is no reporting level for gross beta in air particulate

Table 3.1-A Mean Concentration of Gross Beta in Air Particulate

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1999	2.38E-2	1.87E-2
2000	1.83E-2	1.80E-2
2001	1.74E-2	1.60E-2
2002	1.70E-2	1.67E-2
2003	1.78E-2	1.70E-2
2004	2.13E-2	2.00E-2
2005	2.14E-2	2.07E-2
2006	1.99E-2	1.98E-2
2007	2.26E-2	2.29E-2
2008	2.25E-2	2.13E-2
2009	2.07E-2	1.92E-2
2010	2.76E-2	2.12E-2
2011	2.40E-2	2.10E-2
2012	2.29E-2	2.10E-2
2013	1.67E-2	1.65E-2
2014	1.86E-2	1.82E-2
2015	1.82E-2	1.82E-2
2016	1.98E-2	1.95E-2
2017	2.06E-2	2.05E-2
2018	1.96E-2	1.89E-2
2019	2.22E-2	2.12E-2
2020	1.86E-2	1.87E-2
2021	2.18E-2	2.19E-2
2022	2.12E-2	2.09E-2
2023	2.19E-2	2.19E-2
2024	2.05E-2	1.99E-2

Table 3.1-B Mean Concentration of Air Radioiodine (I-131)

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1999	0.00E+0	0.00E+0
2000	0.00E+0	0.00E+0
2001	0.00E+0	0.00E+0
2002	0.00E+0	0.00E+0
2003	0.00E+0	0.00E+0
2004	0.00E+0	0.00E+0
2005	0.00E+0	0.00E+0
2006	0.00E+0	0.00E+0
2007	0.00E+0	0.00E+0
2008	0.00E+0	0.00E+0
2009	0.00E+0	0.00E+0
2010	0.00E+0	0.00E+0
2011(1)	1.66E-1	1.08E-1
2012	0.00E+0	0.00E+0
2013	0.00E+0	0.00E+0
2014(2)	0.00E+0	0.00E+0
2015	0.00E+0	0.00E+0
2016	0.00E+0	0.00E+0
2017	0.00E+0	0.00E+0
2018	0.00E+0	0.00E+0
2019	0.00E+0	0.00E+0
2020	0.00E+0	0.00E+0
2021	0.00E+0	0.00E+0
2022	0.00E+0	0.00E+0
2023	0.00E+0	0.00E+0
2024	0.00E+0	0.00E+0

0.00E+0 indicates no detectable measurements

(1) 2011 concentrations affected by Fukushima Dai-ichi

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014 No analytical changes were observed due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.2 DRINKING WATER

Gross beta analysis and gamma spectroscopy were performed on 39 drinking water monthly composite samples. Two indicator locations were sampled, along with one control location. Indicator location 51 was analyzed monthly for tritium, while the two remaining locations analyses consisted of a quarterly composite.

No gamma emitting radionuclides attributable to plant operations were identified in any 2024 drinking water samples. There have been no gamma emitting radionuclides attributable to plant operations identified in drinking water samples during the entire operating history of the plant.

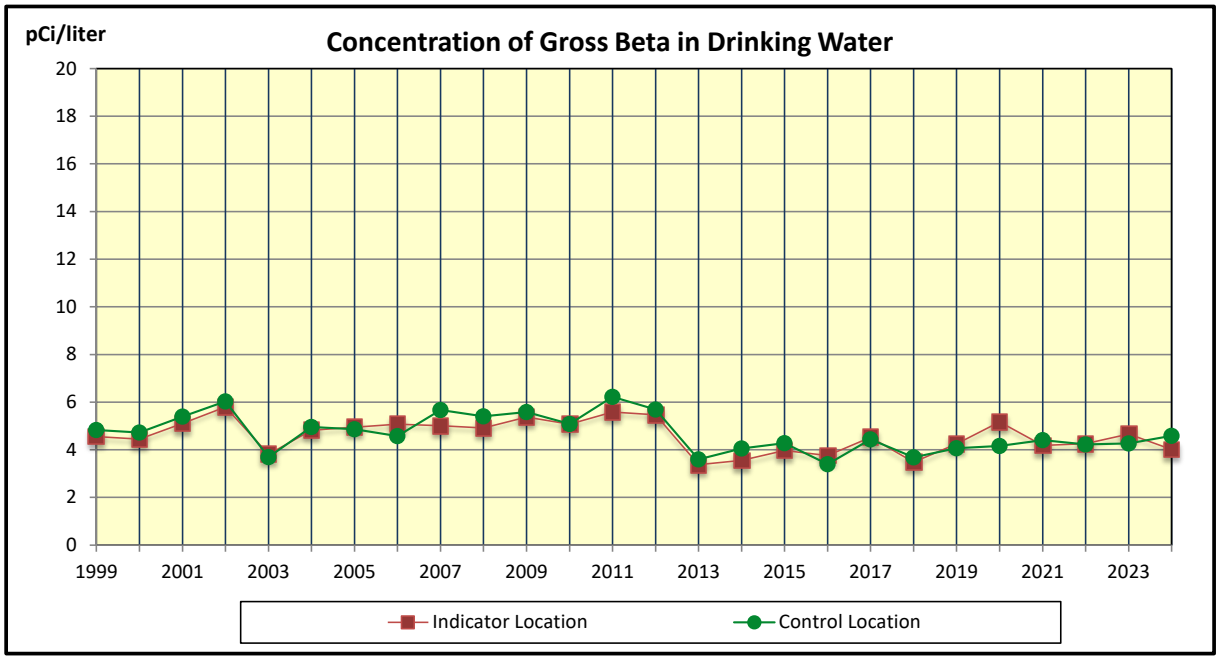
Figure 3.2-1 and Table 3.2 shows highest annual mean gross beta concentrations for the indicator location and control location since 1999. The highest annual mean for the indicator location (downstream of the plant effluent release point) was 4.01 pCi/l in 2024 and the control location concentration was 4.59 pCi/l. The gross beta mean indicator activity and mean control activity increased in 2019 due to an analytical method change affecting analytical sensitivities (NCR # 02303027).

Tritium was detected in thirteen indicator samples from Location 51 and in no control samples during 2024. The mean indicator tritium concentration for 2024 was 2,101 pCi/l, 10.51% of reporting level. Figure 3.2-2 and Table 3.2 display the highest indicator and control location annual mean concentrations for tritium since 1999.

The dose for consumption of water was less than one mrem per year, historically and for 2024; therefore, low-level iodine analysis is not required.

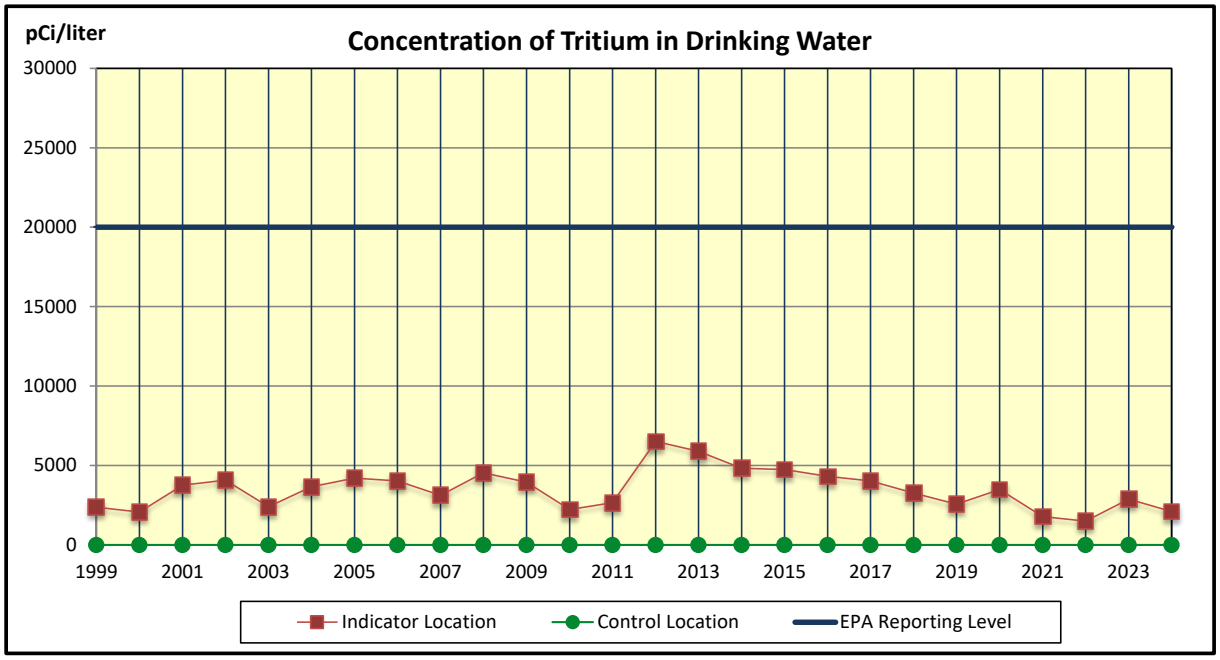
K-40 is a naturally occurring radionuclide that was observed in drinking water samples in 2024.

Figure 3.2-1



There is no reporting level for gross beta in drinking water

Figure 3.2-2



Prior to 2009, drinking water indicator location # 51 was previously not classified as a public drinking water source. In 2009, location # 51 was classified as a public drinking water source; however, it is not a community drinking water source.

Table 3.2 Mean Concentration of Radionuclides in Drinking Water

YEAR	Gross Beta (pCi/l)		Tritium (pCi/l)	
	Indicator Location	Control Location	Indicator Location	Control Location
1999	4.55E+0	4.83E+0	2.37E+3	0.00E+0
2000	4.45E+0	4.73E+0	2.06E+3	0.00E+0
2001	5.11E+0	5.39E+0	3.76E+3	0.00E+0
2002	5.80E+0	6.03E+0	4.07E+3	0.00E+0
2003	3.81E+0	3.69E+0	2.40E+3	0.00E+0
2004	4.82E+0	4.96E+0	3.66E+3	0.00E+0
2005	4.95E+0	4.86E+0	4.20E+3	0.00E+0
2006	5.07E+0	4.58E+0	4.03E+3	0.00E+0
2007	5.01E+0	5.67E+0	3.12E+3	0.00E+0
2008	4.92E+0	5.40E+0	4.54E+3	0.00E+0
2009	5.37E+0	5.58E+0	3.95E+3	0.00E+0
2010	5.07E+0	5.09E+0	2.23E+3	0.00E+0
2011	5.58E+0	6.22E+0	2.65E+3	0.00E+0
2012	5.47E+0	5.69E+0	6.51E+3	0.00E+0
2013	3.37E+0	3.60E+0	5.89E+3	0.00E+0
2014	3.56E+0	4.06E+0	4.83E+3	0.00E+0
2015	3.97E+0	4.28E+0	4.74E+3	0.00E+0
2016	3.76E+0	3.40E+0	4.32E+3	0.00E+0
2017	4.52E+0	4.44E+0	4.02E+3	0.00E+0
2018	3.48E+0	3.68E+0	3.27E+3	0.00E+0
2019[(1)]	4.25E+0	4.07E+0	2.57E+3	0.00E+0
2020	5.17E+0	4.16E+0	3.48E+3	0.00E+0
2021	4.18E+0	4.41E+0	1.77E+3	0.00E+0
2022	4.26E+0	4.23E+0	1.50E+3	0.00E+0
2023	4.66E+0	4.27E+0	2.88E+3	0.00E+0
2024	4.01E+0	4.59E+0	2.10E+3	0.00E+0

0.00E+0 indicates no detectable measurements

Prior to 2009, drinking water indicator location # 51 was previously not classified as a public drinking water source. In 2009, location # 51 was classified as a public drinking water source; however, it is not a community drinking water source.

(1) Gross beta preparation/analysis methodology change (NCR # 02303027).

3.3 SURFACE WATER

A total of 39 monthly surface water samples were analyzed for gamma emitting radionuclides from two indicator locations and one control location. Indicator location 26 was analyzed monthly for tritium, while the two remaining locations analyses consisted of a quarterly composite.

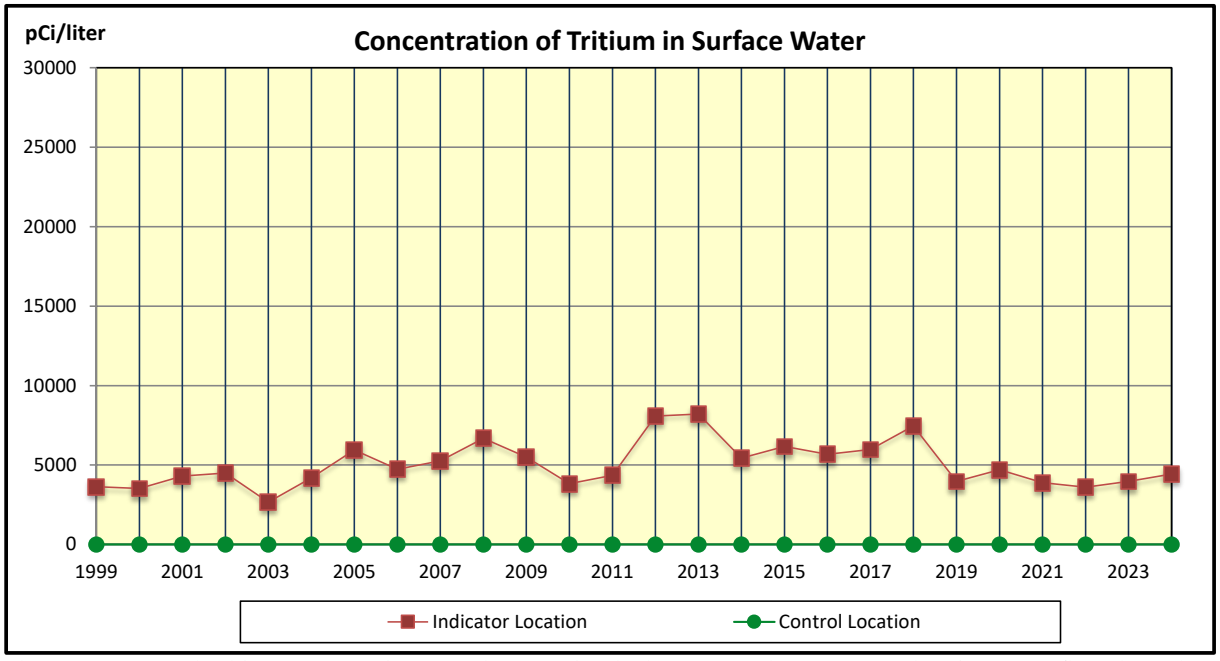
Location 26, Harris Lake Spillway, is the only indicator location sample that contained tritium with an average concentration of 4,431 pCi/l and showed a range of activities from 3,190 to 6,430 pCi/l. Tritium was not detected in the four control samples collected during 2024.

No gamma emitting radionuclides attributable to plant operations were identified in 2024 surface water samples.

Table 3.3 and Figure 3.3 display the highest indicator and control annual means for tritium since 1999.

K-40 and Be-7 are naturally occurring radionuclides that were observed in some surface water samples in 2024.

Figure 3.3



There is no reporting level for tritium in surface water, however, if no drinking water pathway exists, a value of 30,000 pCi/l may be used.

Table 3.3 Mean Concentrations of Tritium in Surface Water

Year	Indicator Location (pCi/l)	Control Location (pCi/l)
1999	3.63E+3	0.00E+0
2000	3.52E+3	0.00E+0
2001	4.31E+3	0.00E+0
2002	4.49E+3	0.00E+0
2003	2.67E+3	0.00E+0
2004	4.20E+3	0.00E+0
2005	5.94E+3	0.00E+0
2006	4.73E+3	0.00E+0
2007	5.26E+3	0.00E+0
2008	6.68E+3	0.00E+0
2009	5.50E+3	0.00E+0
2010	3.83E+3	0.00E+0
2011	4.36E+3	0.00E+0
2012	8.08E+3	0.00E+0
2013	8.21E+3	0.00E+0
2014	5.44E+3	0.00E+0
2015	6.17E+3	0.00E+0
2016	5.68E+3	0.00E+0
2017	5.98E+3	0.00E+0
2018	7.46E+3	0.00E+0
2019	3.97E+3	0.00E+0
2020	4.71E+3	0.00E+0
2021	3.89E+3	0.00E+0
2022	3.60E+3	0.00E+0
2023	3.97E+3	0.00E+0
2024	4.43E+3	0.00E+0

0.00E+0 indicates no detectable measurements

3.4 GROUND WATER

Twenty-one indicator ground water sample locations were sampled quarterly via grab samples on site at HNP, there is no control location. In total, eighty-four ground water samples were analyzed for gamma emitters and tritium in 2024. The measured ground water gamma and tritium concentrations were below environmental requirements stated in the HNP ODCM.

No gamma emitting radionuclides attributable to plant operations were identified in 2024 ground water samples.

Tritium was detected in some ground water samples, ranging from 188 pCi/l to 739 pCi/l in 2024; however, the results are well below the EPA reportable drinking water limit (20,000 pCi/l) and non-drinking water limit (30,000 pCi/l). The ground water wells, located on site at HNP, are monitoring wells and are not a water supply for drinking or irrigation. Therefore, there is no radiological dose via this pathway.

K-40 and Be-7 are naturally occurring radionuclides that were observed in some ground water samples in 2024.

3.5 MILK

Semimonthly grab samples are collected seasonally from the goat milk indicator location from late spring to late fall. A total of 14 milk samples were analyzed by gamma spectroscopy and low-level iodine during 2024. There is currently no control milk location.

On February 13, 2023, location 300, Manco's Dairy, (control location) ceased operation (NCR # 02460334). A new control dairy could not be located. Indicator milk (location 102, Goat Farm) is only available seasonably usually April through October. Therefore, monthly broadleaf vegetation sampling was implemented. Prior to the cessation of the control dairy, broadleaf vegetation sampling had only been when seasonably available, usually May through October. HNP ODCM was updated to Revision 30 on January 18, 2024 to reflect these changes.

There were no gamma emitting radionuclides attributable to plant operations identified in milk samples in 2024. However, it is not unusual for Cs-137 to be present in milk samples. It is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed in samples from the indicator goat milk location in the past.

K-40 is a naturally occurring radionuclide that was observed in milk samples in 2024.

3.6 BROADLEAF VEGETATION

Gamma spectroscopy was performed on 36 broadleaf vegetation samples collected in 2024. Two indicator locations and one control location were sampled.

Revision 29 of the HNP ODCM states that Broadleaf vegetation is sampled during the growing season (May through October). On February 13, 2023, location 300, Manco's Dairy, (control location) ceased operation (NCR # 02460334). A new control dairy could not be located. Indicator milk (location 102, Goat Farm) is only available seasonably usually April through October. Therefore, monthly broadleaf vegetation sampling was implemented in March of 2023. HNP ODCM was updated to Revision 30 on January 18, 2024 to reflect these changes.

No gamma emitting radionuclides, other than naturally occurring, were reported in vegetation samples. However, it is not unusual for Cs-137 to be present in vegetation. It is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed in samples from indicator and control locations in the past.

K-40 and Be-7 are naturally occurring radionuclides that were observed in broadleaf vegetation samples in 2024.

3.7 AQUATIC VEGETATION

In 2024, three aquatic vegetation samples were collected from Harris Lake, two indicator locations and one control location were sampled. The aquatic vegetation samples are sampled annually. The aquatic vegetation samples (Lyngbya and Hydrilla) from Harris Lake are not consumed by humans, thus pose no radiological dose to the general public by the ingestion pathway.

There were no gamma emitting radionuclides attributable to plant operations identified in any aquatic vegetation samples in 2024.

No long-term trends have been readily observed in these samples.

K-40 and Be-7 are naturally occurring radionuclides that were observed in aquatic vegetation samples in 2024.

3.8 FISH

Gamma spectroscopy was performed on the edible portions of the 12 fish samples collected semiannually during 2024; four samples of bottom-feeding species (catfish) and eight samples of free-swimming species (sunfish and largemouth bass) from the indicator and control locations.

There were no gamma emitting radionuclides attributable to plant operations identified in any fish samples in 2024.

K-40 is a naturally occurring radionuclide that was observed in fish samples collected during 2024.

3.9 SHORELINE SEDIMENT

Shoreline sediment samples were collected semiannually in 2024 from two indicator locations. There is no control location for this sample media type.

Samples were dried, then sifted to remove rocks and clams prior to gamma spectroscopy analysis. There were no gamma emitting radionuclides attributable to plant operations identified in any samples in 2024. No long-term trends are readily observed in these samples.

K-40 is a naturally occurring radionuclide that was observed in shoreline sediment samples collected during 2024.

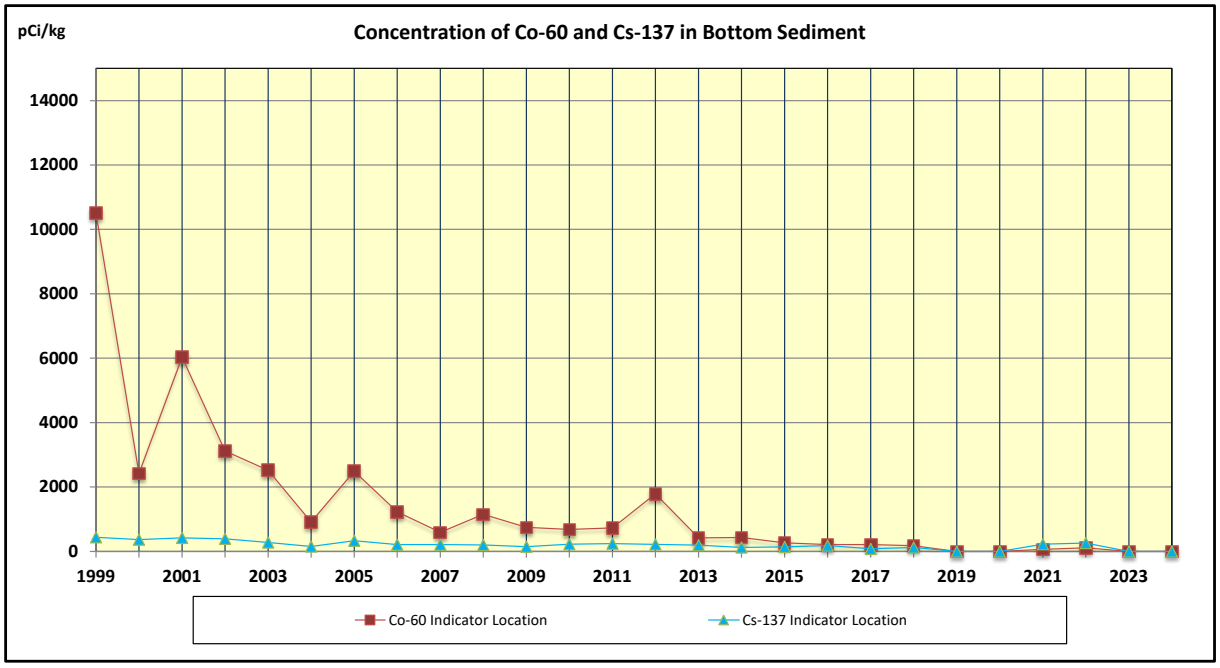
3.10 BOTTOM SEDIMENT

During 2024, a total of two bottom sediment samples were analyzed from the indicator location. There is no control location for bottom sediment.

Samples were dried, then sifted to remove rocks and clams prior to gamma spectroscopy analysis. There were no gamma emitting radionuclides attributable to plant operations identified in any samples in 2024. Figure 3.10 and Table 3.10 provide individual sample gamma results for the highest annual mean indicator location concentrations since 1999 for Co-60 and Cs-137.

Naturally occurring K-40 was observed in some bottom sediment samples collected during 2024.

Figure 3.10



There is no reporting level for Co-60 or Cs-137 in Bottom Sediment.

Table 3.10 Mean Concentration of Radionuclides in Bottom Sediment

YEAR	Control Location	Co-60 (pCi/kg) Indicator Location	Cs-137 (pCi/kg) Indicator Location
1999	No Control	1.05E+4	4.40E+2
2000	No Control	2.42E+3	3.69E+2
2001	No Control	6.03E+3	4.20E+2
2002	No Control	3.12E+3	3.91E+2
2003	No Control	2.52E+3	2.78E+2
2004	No Control	9.17E+2	1.52E+2
2005	No Control	2.49E+3	3.33E+2
2006	No Control	1.23E+3	2.11E+2
2007	No Control	5.92E+2	2.15E+2
2008	No Control	1.15E+3	1.99E+2
2009	No Control	7.50E+2	1.50E+2
2010	No Control	6.84E+2	2.23E+2
2011	No Control	7.30E+2	2.43E+2
2012	No Control	1.79E+3	2.19E+2
2013	No Control	4.20E+2	1.94E+2
2014(1)	No Control	4.31E+2	1.26E+2
2015	No Control	2.66E+2	1.39E+2
2016	No Control	2.13E+2	1.85E+2
2017	No Control	2.14E+2	8.35E+1
2018	No Control	1.77E+2	1.25E+2
2019	No Control	0.00E+0	0.00E+0
2020	No Control	0.00E+0	0.00E+0
2021	No Control	6.40E+1	2.23E+2
2022	No Control	1.12E+2	2.61E+2
2023	No Control	0.00E+0	0.00E+0
2024	No Control	0.00E+0	0.00E+0

(1) 2014 Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were observed due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.11 DIRECT GAMMA RADIATION

3.11.1 ENVIRONMENTAL TLD

The Harris Updated Final Safety Analysis Report (UFSAR) Section 2.1.1.2 identifies that the minimum distance (± 25 ft.) and direction from the reactor to an exclusion area boundary is 6790 ft. ESE. This is the same boundary established for determining radioactive effluent release limits. No permanent public access is permitted within the exclusion area. HNP has forty-one routine monitoring stations. Thermoluminescent dosimeter (TLD) locations designated as "inner ring" are located in each of the sixteen meteorological sectors in the general area of the Site Boundary. The eighteen inner ring TLDs are used as indicators. TLD locations designated as "outer ring" are outside the Site Boundary, in each of the sixteen meteorological sectors, and are within 6 – 8 km from the site. All sixteen of the outer ring TLD locations are used as indicators. The balance of the stations are placed in locations such as population centers, nearby residences, or schools and are designated as "special interest" and one "control" location. These locations were chosen to reduce the probability of influence from HNP operation on data. The control location is not used as background subtraction in the TLD analysis. Its purpose is to provide a comparison to indicator locations.

TLDs were used to monitor ambient radiation exposures in the plant environs. In 2024, 164 TLDs were analyzed, 160 at indicator locations and 4 at the control location. TLDs are collected and analyzed quarterly. The TLD with the highest annual mean of 18.6 mR/Std Qtr. was at indicator location #49, (SR 1127, 0.3 mi. S from Intersection of with US 1) located 2.5 miles NE of the plant.

On January 8, 2020 dual TLDs (alpha and bravo) at each sampling location were implemented at HNP to meet American National Standard ANSI/HPS N13.37-2014, “Environmental Dosimetry – Criteria for System Design and Implementation, for environmental Thermoluminescent Dosimeters (TLD).”

A change occurred in Rev. 30 of the HNP ODCM (eff. January 18th, 2024). More detail was added to the names for several physical TLD locations to ODCM Table 4.3 and HNP AREOR Table 2.1-B.

Comparison of the average annual TLD exposure within the area of the Site Boundary (inner ring) of the plant with a distance of 6 – 8 km (outer ring) and the “special interest” and control since 1999 is presented in Figure 3.11 and Table 3.11.

Quarterly, environmental ODCM TLD results are compared by location to historical data to evaluate any significant changes. The comparison utilizes the location’s average exposure history to determine if quarterly results fall within low and high ranges and provides a reliable indication of potential changes occurring at a specific TLD location. The low and high ranges are determined by the historical average ± three standard deviations. The quarterly TLD evaluation implements portions of American National Standard ANSI/HPS N13.37-2014, “Environmental Dosimetry – Criteria for System Design and Implementation, for environmental Thermoluminescent Dosimeters (TLD).” The WP-RP-

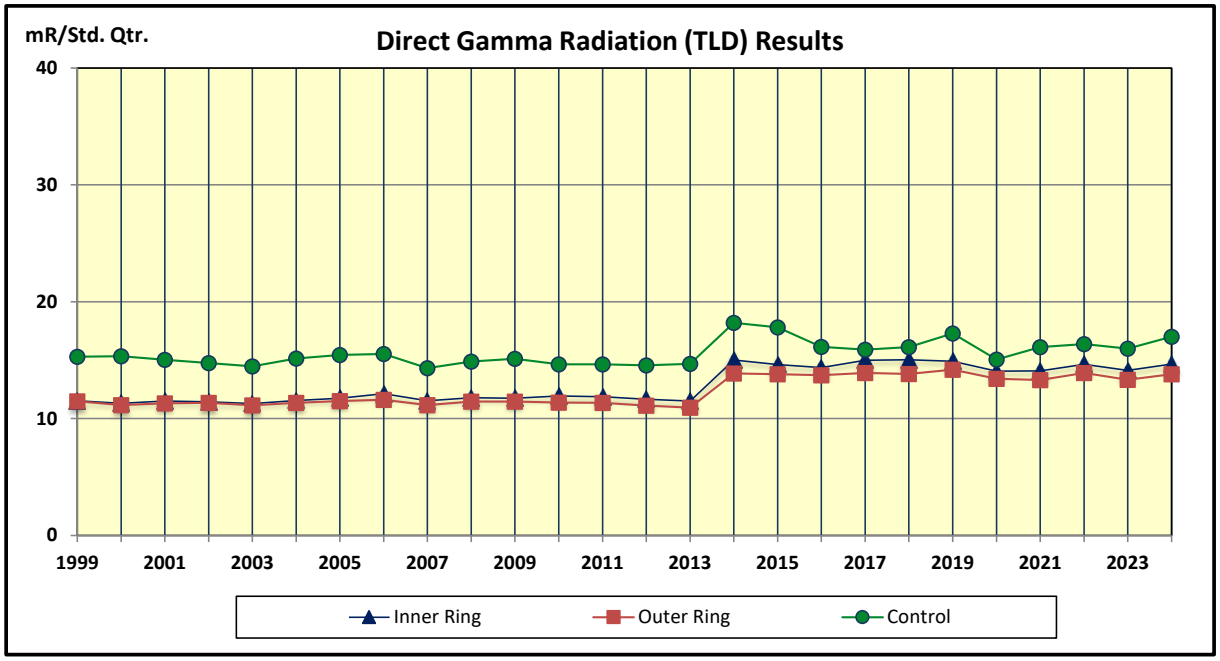
ALL-0030 – Updated Radiological Environmental Monitoring Program TLD Analytical Method, describes the process implemented in late 2018 for the fleet TLD programs.

TLD values identified as < Low Range or > High Range are evaluated in consideration of factors including possible TLD damage, sampling deviations, glow curve irregularities, and any known environmental location changes which may affect results. Quarterly TLD results are in Appendix E.

No 2024 HNP ODCM TLD location exceeded the quarterly investigation level therefore no additional evaluation was performed.

A TLD intercomparison program is conducted as part of the quality assurance program. Results of this program are included in Section 4.7.

Figure 3.11



There is no reporting level for Direct Radiation (TLD).

Table 3.11 Direct Gamma Radiation (TLD) Results

Year	Inner Ring Average (mR/Std. Qtr.)	Outer Ring Average (mR/Std. Qtr.)	Control Average (mR/Std. Qtr.)
1999	1.15E+1	1.15E+1	1.53E+1
2000	1.13E+1	1.12E+1	1.54E+1
2001	1.15E+1	1.13E+1	1.50E+1
2002	1.14E+1	1.14E+1	1.48E+1
2003	1.13E+1	1.11E+1	1.45E+1
2004	1.16E+1	1.14E+1	1.52E+1
2005	1.18E+1	1.15E+1	1.55E+1
2006	1.21E+1	1.16E+1	1.55E+1
2007	1.15E+1	1.12E+1	1.43E+1
2008	1.18E+1	1.15E+1	1.49E+1
2009	1.18E+1	1.15E+1	1.51E+1
2010	1.19E+1	1.14E+1	1.47E+1
2011	1.19E+1	1.14E+1	1.47E+1
2012	1.17E+1	1.11E+1	1.46E+1
2013	1.15E+1	1.09E+1	1.47E+1
2014[1]	1.50E+1	1.39E+1	1.82E+1
2015	1.46E+1	1.38E+1	1.78E+1
2016	1.44E+1	1.37E+1	1.61E+1
2017	1.50E+1	1.39E+1	1.59E+1
2018	1.50E+1	1.38E+1	1.61E+1
2019	1.49E+1	1.42E+1	1.73E+1
2020	1.41E+1	1.34E+1	1.51E+1
2021	1.41E+1	1.33E+1	1.61E+1
2022	1.47E+1	1.39E+1	1.64E+1
2023	1.41E+1	1.33E+1	1.60E+1
2024	1.47E+1	1.38E+1	1.70E+1

(1) In 1Q2014 Panasonic TLDs were replaced with Harshaw TLDs causing a step change in activity (NCR # 01982479).

3.12 LAND USE CENSUS

The 2024 HNP Annual Land Use Census was conducted June 10-11, 2024, as required by the HNP ODCM 4.12.2. The Land Use Census was conducted to identify within a distance of 8 kilometers (5.0 miles) from the plant, the nearest location from the site boundary in each of the sixteen meteorological sectors, which includes: the nearest residence, the nearest garden greater than 50 square meters (500 square feet), the nearest milk-giving animal, and the nearest meat animal (only identified at the nearest garden or closer in each sector). Poultry and egg laying animals were not classified as meat animals for the purposes of the Land Use Census.

Table 3.12 summarizes the comparison between the 2023 and 2024 census results. A map indicating identified locations is shown in Figure 3.12.

During the 2024 census a new meat animal was identified in the NNE sector at 1.94 miles and the meat animal in the N sector at 2.21 miles was no longer present. No new milk locations were identified. The nearest residence is located in the NNW sector at 1.55 miles. No environmental program changes were required as a result of the 2024 land use census.

Table 3.12 Harris Land Use Census Comparison (2023 – 2024)

Nearest Pathway (Miles)

SECTOR	RESIDENCE		GARDEN		MEAT ANIMAL[1]		MILK ANIMAL	
	2023	2024	2023	2024	2023	2024	2023	2024
North	2.21	2.21	2.29	2.29	2.21	---*	---	---
North-Northeast	1.81	1.81	1.81	3.40*	---	1.94*	---	---
Northeast	2.29	2.29	2.92	2.92	---	---	---	---
East-Northeast	1.78	1.78	1.78	---*	---	---	---	---
East	1.88	1.88	2.15	2.15	---	---	---	---
East-Southeast	2.56	2.56	4.63	2.83*	---	---	---	---
Southeast	4.11	4.11	---	---	---	---	---	---
South-Southeast	4.26	4.26	4.82	---*	---	---	---	---
South	---	---	---	---	---	---	---	---
South-Southwest	3.82	3.82	3.94	3.82*	---	---	---	---
Southwest	2.76	2.76	4.32	---*	---	---	---	---
West-Southwest	4.29	4.29	4.29	4.29	---	---	---	---
West	2.75	2.75	2.82	4.51*	---	---	2.82[2]	2.82[2]
West-Northwest	2.13	2.13	2.91	2.91	---	---	---	---
Northwest	2.11	2.15*	2.58	2.90*	---	---	---	---
North-Northwest	1.55	1.55	1.55	1.55	---	---	---	---

NOTE: Sector and distance determined by Global Positioning System.

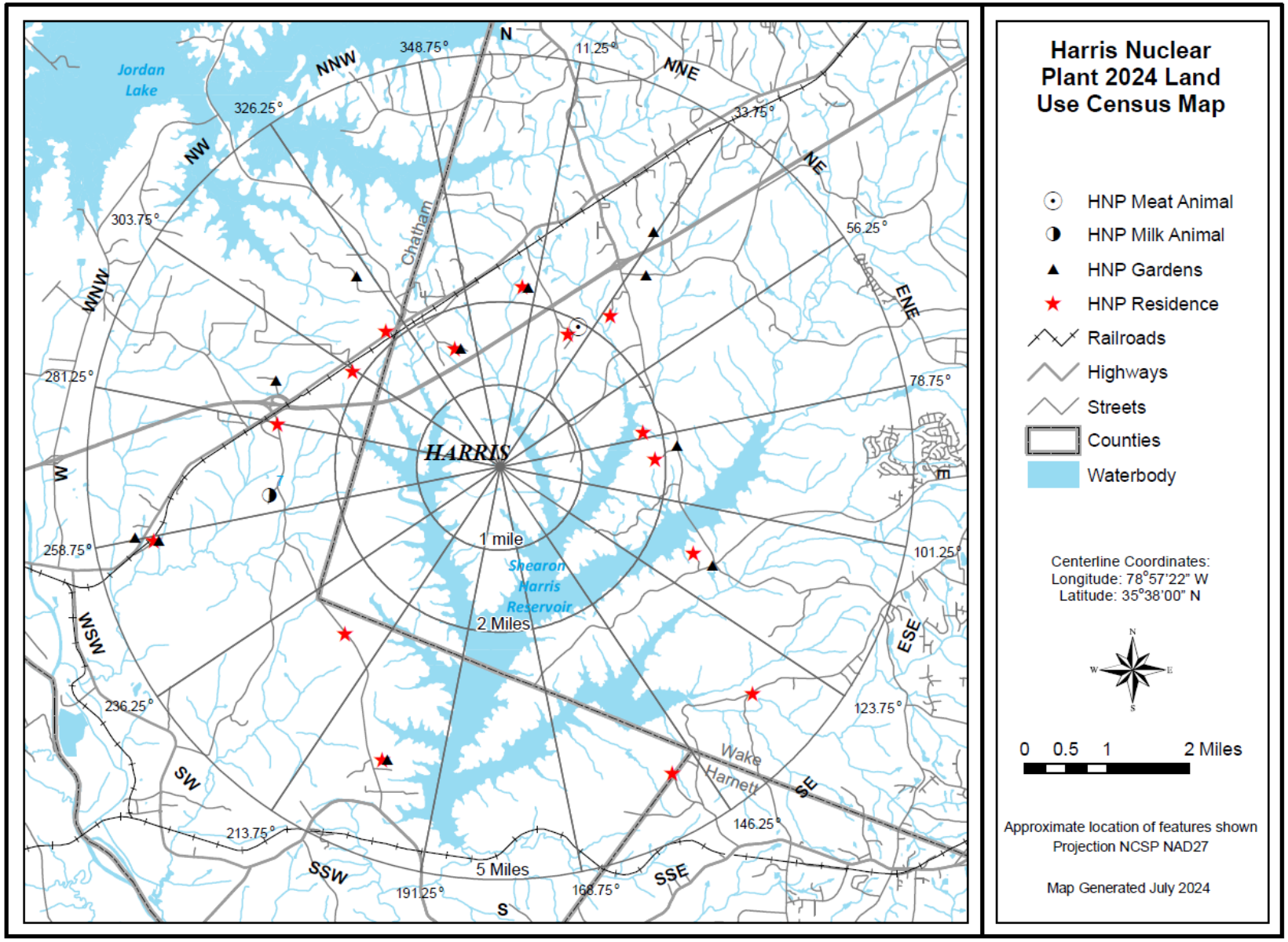
* Represents a change from the previous year.

--- Indicates no occurrences within the 5-mile radius

(1) Meat animal was only identified at the nearest garden or closer in each sector. Poultry and egg laying animals were not classified as meat animals for the 2024 census.

(2) Goat Milk - Milk is used to feed goat kids, make a small quantity of cheese, and to make soap for personal use. Owner said they can now supply enough milk to participate in the HNP REMP. This dairy is not required due to HNP already having a dairy within 5 km (3.11 miles) and the dose being <1.0 mRem/year.

Figure 3.12


Harris Nuclear Plant 2024 Land Use Census Map
HNP Meat Animal
HNP Milk Animal
HNP Gardens
HNP Residence
Railroads
Highways
Streets
Counties
Waterbody
Centerline Coordinates:
Longitude: 78°57'22" W
Latitude: 35°38'00" N
0 0.5 1 2 Miles
Approximate location of features shown
Projection NCSP NAD27
Map Generated July 2024
Jordan Lake
Chatham
HARRIS
Wake
Harnett
Shearon Harris Reservoir
1 mile
2 Miles
5 Miles
N
NNW
348.75°
11.25°
NNE
326.25°
33.75°
NW
NE
303.75°
56.25°
WNW
ENE
281.25°
78.75°
W
E
258.75°
101.25°
WSW
ESE
236.25°
123.75°
SW
SE
213.75°
146.25°
SSW
SSE
191.25°
168.75°
S

4.0 QUALITY ASSURANCE

4.1 SAMPLE COLLECTION

EnRad Laboratories and the Environmental Services Group performed the environmental sample collections as specified by approved sample collection procedures.

4.2 SAMPLE ANALYSIS

EnRad Laboratories performed the environmental sample analyses as specified by approved analysis procedures. EnRad Laboratories is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.3 DOSIMETRY ANALYSIS

The Dosimetry and Records group performed the environmental dosimetry measurements as specified by approved dosimetry analysis procedures. The Dosimetry and Records Laboratory is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.4 LABORATORY EQUIPMENT QUALITY ASSURANCE

4.4.1 DAILY QUALITY CONTROL

EnRad Laboratories has an internal quality assurance program which monitors each type of instrumentation for reliability and accuracy. Daily quality control checks ensure that instruments are in proper working order and these checks are used to monitor instrument performance.

4.4.2 CALIBRATION VERIFICATION

National Institute of Standards and Technology (NIST) standards that represent counting geometries are analyzed as unknowns at various frequencies ranging from weekly to annually to verify that efficiency calibrations are valid. The frequency is dependent upon instrument use and performance. Investigations are performed and documented should calibration verification data fall outside of the acceptable limits.

4.4.3 BATCH PROCESSING

Method quality control samples are analyzed with sample analyses that are processed in batches. These include gross beta in water, low-level Iodine-131 in milk, and tritium analyses in drinking water, surface water, and ground water samples.

4.5 DUKE ENERGY INTERLABORATORY COMPARISON PROGRAM

In 2024 Duke Energy Environmental Laboratory (EnRad) participated in interlaboratory programs to satisfy Radiological Environmental Monitoring Program requirements in Duke Energy nuclear plant Offsite Dose Calculation Manuals and Selected Licensee Commitments Manuals, as applicable.

EnRad Laboratory participated in an interlaboratory program with Eckert & Ziegler Analytics (EZA) in 2024. EZA results were evaluated against the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. All regulatory requirements continue to be met by the EZA Cross Check Program.

4.5.1 ECKERT & ZIEGLER ANALYTICS CROSS CHECK PROGRAM

EZA mixed gamma in liquid, mixed gamma in vegetation, mixed gamma in soil, low-level I-131 in liquid, mixed gamma air filter composites, I-131 air cartridges, gross beta in water, gross beta in filters, and tritium in water were analyzed at various times of the year at EnRad Laboratories. A summary of the applicable REMP EnRad Laboratory program results for 2024 is documented in Table 4.0-A.

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria.

4.6 STATE OF NORTH CAROLINA INTERCOMPARISON PROGRAM

EnRad Laboratories routinely participates with the North Carolina Department of Health and Human Services in an intercomparison program. EnRad Laboratories sends McGuire Nuclear Plant Radiological Environmental Monitoring Program air, drinking water, surface water, milk, fish, food products, and shoreline sediment samples to the North Carolina Department of Health and Human Services, Division of Public Health for intercomparison analysis.

4.7 TLD INTERCOMPARISON PROGRAM

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimeters quarterly using the NIST-traceable Hopewell and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria. A summary of the 2024 Internal Cross Check (Duke Energy) Program is documented in Table 4.0-B.

TABLE 4.0-A

ECKERT & ZIEGLER ANALYTICS

CROSS CHECK PROGRAM

2024 Cross Check Results for EnRad Laboratories

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Results are reported directly to Eckert & Ziegler Analytics. Environmental cross check samples were analyzed in replicate, and the result closest to the mean is reported to Eckert & Ziegler Analytics. The acceptance criteria for the program were based on the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria based.

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Beta Filter in Planchet	E13975	Cs-137	2	pCi	222	232	0.96	Agreement
I-131 in Charcoal Cartridge	E13973	I-131	2	pCi	88.0	91.5	0.96	Agreement
Gamma in Soil	E13974	Ce-141	2	pCi/g	0.0818	0.0632	1.29	Agreement
		Co-60	2	pCi/g	0.599	0.659	0.91	Agreement
		Cr-51	2	pCi/g	0.407	0.491	0.83	Agreement
		Cs-134	2	pCi/g	0.376	0.408	0.92	Agreement
		Cs-137	2	pCi/g	0.403	0.451	0.89	Agreement
		Fe-59	2	pCi/g	0.269	0.293	0.92	Agreement
		Mn-54	2	pCi/g	0.322	0.344	0.94	Agreement
		Zn-65	2	pCi/g	0.159	0.167	0.95	Agreement
Gamma in Simulated Vegetation	E13981	Ce-141	3	pCi/g	0.236	0.226	1.05	Agreement
		Co-58	3	pCi/g	0.283	0.272	1.04	Agreement
		Co-60	3	pCi/g	0.446	0.429	1.04	Agreement
		Cr-51	3	pCi/g	0.486	0.499	0.97	Agreement
		Cs-134	3	pCi/g	0.312	0.341	0.92	Agreement
		Cs-137	3	pCi/g	0.238	0.232	1.03	Agreement
		Fe-59	3	pCi/g	0.214	0.207	1.04	Agreement
		Mn-54	3	pCi/g	0.298	0.294	1.01	Agreement
		Zn-65	3	pCi/g	0.524	0.501	1.05	Agreement

TABLE 4.0-A (Cont.)

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Gamma in Composite Filter	E13979	Ce-141	3	pCi	90.7	86.1	1.05	Agreement
		Co-58	3	pCi	107	104	1.03	Agreement
		Co-60	3	pCi	169	164	1.03	Agreement
		Cr-51	3	pCi	200	191	1.05	Agreement
		Cs-134	3	pCi	124	130	0.95	Agreement
		Cs-137	3	pCi	94.7	88.6	1.07	Agreement
		Fe-59	3	pCi	81.0	78.9	1.03	Agreement
		Mn-54	3	pCi	118	112	1.05	Agreement
		Zn-65	3	pCi	209	191	1.09	Agreement
Gamma in Water	E13980	Ce-141	3	pCi/L	147	129	1.14	Agreement
		Co-58	3	pCi/L	162	156	1.04	Agreement
		Co-60	3	pCi/L	258	246	1.05	Agreement
		Cr-51	3	pCi/L	291	287	1.02	Agreement
		Cs-134	3	pCi/L	189	195	0.97	Agreement
		Cs-137	3	pCi/L	142	133	1.07	Agreement
		Fe-59	3	pCi/L	133	119	1.12	Agreement
		Mn-54	3	pCi/L	183	169	1.08	Agreement
		Zn-65	3	pCi/L	318	288	1.11	Agreement
Milk LLI-131	E13976	I-131	2	pCi/L	93.2	90.0	1.04	Agreement
Gross Beta in Water	E13978	Cs-137	2	pCi/L	272	292	0.93	Agreement
Tritium in Water	E13982	H-3	3	pCi/L	1.42E+04	1.45E+04	0.98	Agreement

TABLE 4.0-B

2024 ENVIRONMENTAL DOSIMETER

CROSS CHECK RESULTS

Internal Crosscheck (Duke Energy

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimetry quarterly and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria.

1st Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100181	55.60	55.58	0.04	<+/-20%	Pass
100846	53.18	55.58	-4.32	<+/-20%	Pass
102937	59.62	55.58	7.27	<+/-20%	Pass
100847	53.86	55.58	-3.09	<+/-20%	Pass
101382	54.43	55.58	-2.07	<+/-20%	Pass
100945	54.12	55.58	-2.63	<+/-20%	Pass
101232	55.07	55.58	-0.92	<+/-20%	Pass
100148	53.84	55.58	-3.13	<+/-20%	Pass
100734	53.03	55.58	-4.59	<+/-20%	Pass
101019	54.70	55.58	-1.58	<+/-20%	Pass
		Average Bias (B)	-1.50		
		Standard Deviation (S)	3.40		
		Measure Performance |B|+S	4.90	<20%	Pass

2nd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100755	17.91	18.47	-3.03	<+/-20%	Pass
100757	18.62	18.47	0.81	<+/-20%	Pass
100760	18.07	18.47	-2.17	<+/-20%	Pass
100740	18.43	18.47	-0.22	<+/-20%	Pass
100762	18.16	18.47	-1.68	<+/-20%	Pass
100867	18.44	18.47	-0.16	<+/-20%	Pass
100775	18.72	18.47	1.35	<+/-20%	Pass
100768	18.42	18.47	-0.27	<+/-20%	Pass
100763	18.55	18.47	0.43	<+/-20%	Pass
100759	18.25	18.47	-1.19	<+/-20%	Pass
		Average Bias (B)	-0.61		
		Standard Deviation (S)	1.38		
		Measure Performance |B|+S	1.99	<20%	Pass

3rd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
103630	63.62	55.11	15.44	<+/-20%	Pass
100358	56.86	55.11	3.18	<+/-20%	Pass
103024	63.29	55.11	14.84	<+/-20%	Pass
104549	56.55	55.11	2.61	<+/-20%	Pass
103354	61.48	55.11	11.56	<+/-20%	Pass
102759	62.68	55.11	13.74	<+/-20%	Pass
103631	61.82	55.11	12.18	<+/-20%	Pass
102211	59.92	55.11	8.73	<+/-20%	Pass
103762	61.29	55.11	11.21	<+/-20%	Pass
103381	60.48	55.11	9.74	<+/-20%	Pass
		Average Bias (B)	10.32		
		Standard Deviation (S)	4.44		
		Measure Performance |B|+S	14.76	<20%	Pass

4th Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
104277	39.21	40.13	-2.29	<+/-20%	Pass
103273	43.04	40.13	7.25	<+/-20%	Pass
104821	39.65	40.13	-1.20	<+/-20%	Pass
103069	43.14	40.13	7.50	<+/-20%	Pass
103440	41.48	40.13	3.36	<+/-20%	Pass
103504	43.11	40.13	7.43	<+/-20%	Pass
102427	42.39	40.13	5.63	<+/-20%	Pass
103063	42.69	40.13	6.38	<+/-20%	Pass
102962	41.68	40.13	3.86	<+/-20%	Pass
104115	38.22	40.13	-4.76	<+/-20%	Pass
		Average Bias (B)	3.32		
		Standard Deviation (S)	4.50		
		Measure Performance |B|+S	7.81	<20%	Pass

APPENDIX A

ENVIRONMENTAL SAMPLING

&

ANALYSIS PROCEDURES

2024

APPENDIX A

ENVIRONMENTAL SAMPLING AND ANALYSIS PROCEDURES

Adherence to established procedures for sampling and analysis of environmental media at Harris Nuclear Plant was required to ensure compliance with the Harris Nuclear Plant Offsite Dose Calculation Manual. Analytical procedures were employed to ensure that the ODCM detection capabilities were achieved.

Environmental sampling was performed by EnRad Laboratories and Environmental Services. Environmental analysis was performed by EnRad Laboratories and Dosimetry and Records.

This appendix provides a description of the specific analyses performed on samples collected in the field. Changes to the sampling procedures and analyses procedures are also discussed in the section.

I. CHANGE OF SAMPLING PROCEDURES

Procedure 753, Milk Sampling at Harris Nuclear Plant was revised due to the closure of control milk location 300, Manco's Dairy (NCR# 02460334). A caveat was also added per HNP ODCM Table 4.1 that if milk animals are not present or unavailable for sampling at indicator location, sampling of broadleaf vegetation can be substituted. The indicator location 102, R Farm, is a goat farm and only provides seasonal availability. Therefore broadleaf sampling was implemented monthly. HNP ODCM was updated to Revision 30 on January 18, 2024.

Procedure 751, Broadleaf Vegetation Sampling at Harris Nuclear Plant was revised to implement monthly broadleaf sampling due to the closure of the control milk location 300, Manco's Dairy (NCR# 02460334) and the indicator location dairy (102, R Farm - goats) only being seasonally available. HNP ODCM was updated to Revision 30 on January 18, 2024.

II. DESCRIPTION OF ANALYSIS PROCEDURES

Gamma spectroscopy analyses are performed using high purity germanium gamma detectors and Mirion analytical software. Designated sample volumes are transferred to appropriate counting geometries and analyzed by gamma spectroscopy. Perishable samples such as fish, food products, aquatic vegetation, and broadleaf vegetation are ground to achieve a homogeneous mixture. Soils and sediments are dried, sifted to remove foreign objects (rocks, clams, glass, etc.), and then transferred to an appropriate counting geometry.

Low-level iodine analyses are performed by passing a designated sample aliquot through a pre-determined amount of ion exchange resin to remove and concentrate any iodine in the aqueous sample (milk). The resin is then dried and mixed thoroughly before being transferred to appropriate counting geometry and analyzed by gamma spectroscopy.

Tritium analyses are performed by using low-level environmental liquid scintillation analysis technique on a Perkin-Elmer 4910TR liquid scintillation system or Perkin-Elmer 3100TR liquid scintillation system. Tritium samples are distilled and batch processed with a laboratory fortified blank, matrix spike, matrix spike duplicate, and blank to verify instrument performance and sample preparation technique are acceptable, and sample contamination has not occurred.

Gross beta analysis of air filters is performed by analyzing filters on Tennelec XLB Series 5 gas-flow proportional counters. Samples are batch processed with a blank to ensure sample contamination has not occurred.

Gross beta analysis of liquid samples is performed by concentrating a designated aliquot of sample and analyzing by Perkin-Elmer 4910TR liquid scintillation system. Samples are batch processed with a laboratory fortified blank and blank to verify instrument performance and ensure sample contamination has not occurred.

III. CHANGE OF ANALYSIS PROCEDURES

A change was made to the gamma spectroscopy Analysis Sequence File used by the Mirion analytical software. The option of using the 95% critical level test was implemented in October 2024 in the Analysis Sequence File as recommended by Mirion and to be consistent with the Duke Energy nuclear fleet countrooms.

APPENDIX B

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

SUMMARY OF RESULTS

2024

HARRIS NUCLEAR PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Shearon Harris Nuclear Power Plant
Wake County, North Carolina

Docket Numbers: STN 50-400
Calendar Year: 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations Mean[2][3] Range[2]	Location w/Highest Annual Mean[2] Name, Distance, and Direction	Location w/Highest Annual Mean[2] Mean[2][3] Range[2]	Control Locations Mean[2][3] Range[2]	No. of Non-Routine Report Meas.
Air Particulate (pCi/m^3)	Gross Beta 364[4]	See Table 2.2-C	1.92E-02 (312/312) 8.49E-03 – 4.11E-02	Loc. # 63 0.6 miles SW	2.05E-02 (52/52) 8.49E-03 – 4.11E-02	Loc. # 5 1.99E-02 (52/52) 9.37E-03 – 3.62E-02	0
	Gamma 28[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Air Radioiodine (pCi/m^3)	I-131 364[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Drinking Water[7] (pCi/l)	Gross Beta 39	See Table 2.2-C	3.68E+00 (4/26) 3.28E+00 – 4.74E+00	Loc. # 46 17.2 miles SSE	4.01E+00 (2/13) 3.28E+00 – 4.74E+00	Loc. # 58 4.59E+00 (3/13) 3.31E+00 – 6.73E+00	0
	Gamma 39	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium[5] 21	See Table 2.2-C	2.10E+03 (13/17) 1.54E+03 – 2.48E+03	Loc. # 51 Water Treatment Building on Site	2.10E+03 (13/13) 1.54E+03 – 2.48E+03	All less than LLD	0
Surface Water (pCi/l)	Gamma 39[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium [5] 21[4]	See Table 2.2-C	4.43E+03 (13/17) 3.19E+03 – 6.43E+03	Loc. # 26 4.7 miles S	4.43E+3 (13/13) 3.19E+03 – 6.43E+03	All less than LLD	0

HARRIS NUCLEAR PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY (cont.)

Shearon Harris Nuclear Power Plant
Wake County, North Carolina

Docket Numbers: STN 50-400
Calendar Year: 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations Mean[2][3] Range[2]	Location w/Highest Annual Mean[2] Name, Distance, and Direction	Location w/Highest Annual Mean[2] Mean[2][3] Range[2]	Control Locations Mean[2][3] Range[2]	No. of Non-Routine Report Meas.
Ground Water (pCi/l)	Gamma 84	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 84	See Table 2.2-C	3.91E+02 (17/84) 1.88E+02 – 7.39E+02	Loc. # 83 1.6 miles SSW	7.01E+02 (4/4) 6.09E+02 – 7.39E+02	No Control	0
Milk (pCi/l)	I-131 14[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Gamma 14[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Broadleaf Vegetation (pCi/kg, wet)	Gamma 36	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Aquatic Vegetation (pCi/kg, wet)	Gamma 3	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Fish (pCi/kg, wet)	Gamma 12	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0

HARRIS NUCLEAR PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY (cont.)

Shearon Harris Nuclear Plant
Wake County, North Carolina

Docket Numbers: STN 50-400
Calendar Year: 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations Mean[2][3] Range[2]	Location w/Highest Annual Mean[2] Name, Distance, and Direction	Location w/Highest Annual Mean[2] Mean[2][3] Range[2]	Control Locations Mean[2][3] Range[2]	No. of Non-Routine Report Meas.
Sediments -- Shoreline (pCi/kg, dry)	Gamma 4	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
Sediments -- Bottom (pCi/kg, dry)	Gamma 2	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
Direct Radiation (TLD) (mR/Std Qtr)[6]	TLD Readout 164[4]	-----	1.42E+01 (160/160) 1.03E+01 – 2.09E+01	Loc. # 49 2.5 miles NE	1.86E+01 (4/4) 1.63E+01 – 2.09E+01	Loc. # 5 1.70E+01 (4/4) 1.51E+01 – 1.86E+01	0

Footnotes to Appendix B

1. The Lower Limit of Detection (LLD) is the smallest concentration of radioactive material in a sample that will yield a net count above system background, which will be detected with 95 percent probability and with only 5 percent probability of falsely concluding that a blank observation represents a "real" signal. Due to counting statistics and varying volumes, occasionally lower LLDs are achieved. Refer to Section 2.3.2 for an explanation of how LLD values were derived.

2. Mean and range are based on detectable measurements only.

3. The fractions of all samples with detectable activities at specific locations are indicated in parentheses.

4. Missing samples or surveillances are discussed in Appendix C or Appendix D.

5. Although quarterly composite samples are required, monthly composite samples are used to provide more frequent and sensitive analyses for some locations.

6. TLD exposure is reported in milliroentgen (mR) per standard quarter (91 days).

7. Drinking Water 51 (DW-51) has been included, as of 2009, in the Data Summary even though it does not meet the EPA (Environmental Protection Agency) definition of a public drinking water supply.

APPENDIX C

SAMPLING DEVIATIONS

&

UNAVAILABLE ANALYSES

2024

APPENDIX C

HARRIS NUCLEAR PLANT
SAMPLING DEVIATIONS & UNAVAILABLE ANALYSES

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown Fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

C.1 SAMPLING DEVIATIONS

Air Particulate and Air Radioiodine

REMP weekly air samples (Air Particulate (AP) or Air Radioiodine (AR)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The Harris REMP air samplers operated for a total of 99.63% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
91	2/5 - 2/12/2024	PI	6.76 hours of downtime due to unknown power interruption.	NCR# 02504758
91	2/12 - 2/19/2024	PI	0.63 hours of downtime due to unknown power interruption.	NCR# 02505804
5	2/26 - 3/4/2024	PI	1.12 hours of downtime due to power interruption from possible power line replacement in the area.	NCR# 02507613
5	3/11 - 3/18/2024	PI	2.12 hours of downtime due to power interruption from possible power line replacement in the area.	NCR# 02509356
26	3/18 - 3/25/2024	PI	1.79 hours of downtime due to unknown power interruption.	NCR# 02510247
26	4/8 - 4/15/2024	PI	7.38 hours of downtime due to unknown power interruption.	NCR# 02513169
5	4/15 - 4/22/2024	PI	1.16 hours of downtime due to unknown power interruption.	NCR# 02513634
5	4/29 - 5/6/2024	PI	0.41 hours of downtime due to power interruption from possible power line replacement in the area.	NCR# 02515317
63	7/15 - 7/22/2024	PO	6.29 hours of downtime due to power outage from thunderstorms in the area.	NCR# 02523245
90	7/15 - 7/22/2024	PO	6.53 hours of downtime due to power outage from thunderstorms in the area.	NCR# 02523185
63	7/22 - 7/29/2024	PO	26.32 hours of downtime due to power outage from a blown power pole fuse.	NCR# 02523929
90	7/22 - 7/29/2024	PO	6.87 hours of downtime due to power outage from a blown power pole fuse.	NCR# 02523940
26	7/29 - 8/5/2024	PI	12.13 hours of downtime due to unknown power interruption.	NCR# 02525043

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
4	8/5 - 8/12/2024	PI	8.44 hours of downtime due to power interruption from severe weather in the area.	NCR# 02525577
5	8/5 - 8/12/2024	PI	6.37 hours of downtime due to power interruption from severe weather in the area.	NCR# 02525570
5	8/12 - 8/19/2024	PI	3.05 hours of downtime due to power interruption from severe weather in the area.	NCR# 02526229
26	9/16 - 9/23/2024	PI	2.18 hours of downtime due to power interruption from thunderstorms in the area.	NCR# 02529683
4	9/16 - 9/23/2024	PI	2.67 hours of downtime due to power interruption from thunderstorms in the area.	NCR# 02529681
4	10/28 - 11/4/2024	PI	20.89 hours of downtime due to power interruption from tripped GFCI. GFCI was reset and air sampler resumed normal operation.	NCR# 02534276
4	11/4 - 11/11/2024	PI	100.66 hours of downtime due to power interruption from tripped GFCI. GFCI was reset and air sampler resumed normal operation. Work request was written to have GFCI replaced/investigated/repaired.	NCR# 02535246
4	11/11 - 11/18/2024	PI	1.70 hours of downtime due to power interruption from tripped GFCI. GFCI was reset and air sampler resumed normal operation.	NCR# 02536075

Drinking Water and Surface Water

REMP monthly drinking water samples (Drinking Water (DW)) or surface water samples (Surface Water (SW)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." The sample is counted and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The Harris REMP water samplers operated for a total of 98.02% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
26	2/19 - 3/18/2024	VN	400.08 hours of downtime due to vandalism and tripping the GFCI. GFCI was reset and sampler was returned to normal operation.	NCR # 02509352
26	7/8 - 8/5/2024	OT	659.33 hours of downtime due to hole in the ISCO water sampler tubing. The water in the collection reservoir and a grab sample was collected. Tubing was replaced and the ISCO was recalibrated then returned to service.	NCR # 02525072

C.2 UNAVAILABLE ANALYSES

Milk

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
102	7/29/2024	OT	The goat milk was unavailable during this collection period.	NCR# 02523790
102	11/18/2024	SU	The goat milk was seasonally unavailable and will be available again in March of 2025.	NCR# 02535853

APPENDIX D

ANALYTICAL DEVIATIONS

2024

APPENDIX D

HARRIS NUCLEAR PLANT
ANALYTICAL DEVIATIONS

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

D.1 ANALYTICAL DEVIATIONS

Harris Nuclear Plant environmental Alpha (A) and Bravo (B) TLDs are co-located TLDs placed next to each other to comply with ANSI/HPS N13.37-2014 Section 7.1 Paragraph 7. The TLD collection indicated incurred tampering/vandalism with one of the two co-located TLDs. One TLD for each collection was available and did not appear to have experienced any tampering/vandalism during the quarter. The remaining TLD was collected and analyzed, but did not get averaged with the unusable TLD which is normally included in the established process for the Harris Nuclear Plant.

Direct Gamma Radiation (TLD)

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
56	4/9 - 7/16/2024	VN	The Bravo (B) TLD was missing due to vandalism, the remaining Alpha (A) TLD was collected and analyzed.	NCR # 02522604

APPENDIX E

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM RESULTS

2024

This appendix includes sample analysis report summaries and supportive data generated from each sample medium for 2024.

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602948	1/2/2024 - 1/8/2024	Beta	1.55E-02	3.02E-03	3.50E-03
603859	1/8/2024 - 1/16/2024	Beta	2.19E-02	2.56E-03	2.36E-03
603968	1/16/2024 - 1/22/2024	Beta	2.48E-02	3.19E-03	3.20E-03
604215	1/22/2024 - 1/29/2024	Beta	9.17E-03	2.41E-03	3.11E-03
604529	1/29/2024 - 2/5/2024	Beta	1.17E-02	2.26E-03	2.65E-03
604810	2/5/2024 - 2/12/2024	Beta	9.68E-03	2.25E-03	2.90E-03
605137	2/12/2024 - 2/19/2024	Beta	1.78E-02	2.65E-03	2.95E-03
606262	2/19/2024 - 2/26/2024	Beta	1.88E-02	2.68E-03	2.76E-03
607143	2/26/2024 - 3/4/2024	Beta	1.46E-02	2.78E-03	3.31E-03
607676	3/4/2024 - 3/11/2024	Beta	9.04E-03	2.19E-03	2.85E-03
608916	3/11/2024 - 3/18/2024	Beta	2.00E-02	2.90E-03	2.92E-03
609327	3/18/2024 - 3/25/2024	Beta	1.61E-02	2.66E-03	3.05E-03
609516	3/25/2024 - 4/1/2024	Beta	1.58E-02	2.95E-03	3.56E-03
609960	1/2/2024 - 4/1/2024	Cs-134	<1.50E-03	0.00E+00	1.50E-03
		Cs-137	<1.81E-03	0.00E+00	1.81E-03
		Be-7	1.06E-01	3.61E-02	4.25E-02
		K-40	2.03E-02	1.57E-02	2.15E-02
609953	4/1/2024 - 4/8/2024	Beta	1.44E-02	2.43E-03	2.73E-03
610488	4/8/2024 - 4/15/2024	Beta	1.55E-02	2.54E-03	2.91E-03
611025	4/15/2024 - 4/22/2024	Beta	1.95E-02	3.05E-03	3.27E-03
611195	4/22/2024 - 4/29/2024	Beta	1.93E-02	2.76E-03	2.97E-03
611534	4/29/2024 - 5/6/2024	Beta	1.58E-02	2.99E-03	3.67E-03
611780	5/6/2024 - 5/13/2024	Beta	1.62E-02	2.71E-03	2.91E-03
612291	5/13/2024 - 5/20/2024	Beta	1.23E-02	2.34E-03	2.73E-03
612559	5/20/2024 - 5/28/2024	Beta	1.44E-02	2.49E-03	2.82E-03
612732	5/28/2024 - 6/3/2024	Beta	2.30E-02	3.52E-03	3.73E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
613564	6/3/2024 - 6/10/2024	Beta	1.71E-02	2.86E-03	3.19E-03
614085	6/10/2024 - 6/17/2024	Beta	2.45E-02	3.30E-03	3.29E-03
614321	6/17/2024 - 6/24/2024	Beta	1.61E-02	2.67E-03	2.75E-03
614493	6/24/2024 - 7/1/2024	Beta	1.92E-02	2.67E-03	2.85E-03
614710	4/1/2024 - 7/1/2024	Cs-134	<1.49E-03	0.00E+00	1.49E-03
		Cs-137	<1.22E-03	0.00E+00	1.22E-03
		Be-7	1.71E-01	3.98E-02	3.32E-02
		K-40	<3.00E-02	0.00E+00	3.00E-02
614703	7/1/2024 - 7/8/2024	Beta	1.86E-02	2.67E-03	2.79E-03
615098	7/8/2024 - 7/15/2024	Beta	1.50E-02	2.84E-03	3.32E-03
615910	7/15/2024 - 7/22/2024	Beta	2.01E-02	3.10E-03	3.31E-03
616374	7/22/2024 - 7/29/2024	Beta	1.26E-02	2.35E-03	2.75E-03
616646	7/29/2024 - 8/5/2024	Beta	1.56E-02	2.92E-03	3.57E-03
617040	8/5/2024 - 8/12/2024	Beta	1.02E-02	2.28E-03	2.89E-03
617525	8/12/2024 - 8/19/2024	Beta	3.13E-02	3.62E-03	3.36E-03
618019	8/19/2024 - 8/26/2024	Beta	1.82E-02	2.68E-03	2.89E-03
618199	8/26/2024 - 9/3/2024	Beta	2.50E-02	3.09E-03	3.18E-03
618429	9/3/2024 - 9/9/2024	Beta	1.78E-02	3.05E-03	3.53E-03
619506	9/9/2024 - 9/16/2024	Beta	2.73E-02	3.01E-03	2.70E-03
619785	9/16/2024 - 9/23/2024	Beta	1.32E-02	2.48E-03	3.02E-03
620168	9/23/2024 - 9/30/2024	Beta	2.16E-02	3.26E-03	3.68E-03
620373	7/1/2024 - 9/30/2024	Cs-134	<1.89E-03	0.00E+00	1.89E-03
		Cs-137	<1.02E-03	0.00E+00	1.02E-03
		Be-7	1.12E-01	3.16E-02	2.94E-02
		K-40	<3.02E-02	0.00E+00	3.02E-02
620366	9/30/2024 - 10/7/2024	Beta	1.93E-02	2.76E-03	2.94E-03
620673	10/7/2024 - 10/14/2024	Beta	2.77E-02	3.07E-03	2.93E-03
621246	10/14/2024 - 10/21/2024	Beta	1.57E-02	2.77E-03	3.37E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 2 [INDICATOR - NNE @ 1.4 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
621640	10/21/2024 - 10/28/2024	Beta	3.70E-02	4.16E-03	3.51E-03
621990	10/28/2024 - 11/4/2024	Beta	2.30E-02	2.92E-03	2.92E-03
622257	11/4/2024 - 11/11/2024	Beta	1.57E-02	2.52E-03	2.79E-03
622623	11/11/2024 - 11/18/2024	Beta	1.60E-02	2.41E-03	2.46E-03
622903	11/18/2024 - 11/25/2024	Beta	2.22E-02	2.75E-03	2.65E-03
623227	11/25/2024 - 12/2/2024	Beta	2.72E-02	3.47E-03	3.35E-03
624059	12/2/2024 - 12/9/2024	Beta	3.14E-02	3.55E-03	3.22E-03
624594	12/9/2024 - 12/16/2024	Beta	2.36E-02	3.16E-03	3.08E-03
624801	12/16/2024 - 12/23/2024	Beta	1.59E-02	2.93E-03	3.51E-03
625016	12/23/2024 - 12/30/2024	Beta	2.92E-02	3.48E-03	3.24E-03
625236	9/30/2024 - 12/30/2024	Cs-134	<2.00E-03	0.00E+00	2.00E-03
		Cs-137	<2.00E-03	0.00E+00	2.00E-03
		Be-7	9.47E-02	3.66E-02	4.41E-02
		K-40	<3.23E-02	0.00E+00	3.23E-02

Sample Point 4 [INDICATOR - NNE @ 3.1 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602950	1/2/2024 - 1/8/2024	Beta	1.26E-02	2.85E-03	3.49E-03
603861	1/8/2024 - 1/16/2024	Beta	2.73E-02	2.78E-03	2.36E-03
603970	1/16/2024 - 1/22/2024	Beta	2.19E-02	3.06E-03	3.20E-03
604217	1/22/2024 - 1/29/2024	Beta	9.15E-03	2.41E-03	3.11E-03
604531	1/29/2024 - 2/5/2024	Beta	1.42E-02	2.39E-03	2.65E-03
604812	2/5/2024 - 2/12/2024	Beta	1.28E-02	2.42E-03	2.90E-03
605139	2/12/2024 - 2/19/2024	Beta	1.79E-02	2.67E-03	2.95E-03
606264	2/19/2024 - 2/26/2024	Beta	2.29E-02	2.87E-03	2.75E-03
607145	2/26/2024 - 3/4/2024	Beta	1.83E-02	2.98E-03	3.31E-03
607678	3/4/2024 - 3/11/2024	Beta	9.26E-03	2.20E-03	2.85E-03
608918	3/11/2024 - 3/18/2024	Beta	2.34E-02	3.07E-03	2.92E-03
609329	3/18/2024 - 3/25/2024	Beta	1.51E-02	2.61E-03	3.05E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 4 [INDICATOR - NNE @ 3.1 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
609518	3/25/2024 - 4/1/2024	Beta	2.04E-02	3.16E-03	3.56E-03
609962	1/2/2024 - 4/1/2024	Cs-134	<2.08E-03	0.00E+00	2.08E-03
		Cs-137	<8.33E-04	0.00E+00	8.33E-04
		Be-7	7.95E-02	3.17E-02	3.93E-02
		K-40	<3.43E-02	0.00E+00	3.43E-02
609955	4/1/2024 - 4/8/2024	Beta	1.30E-02	2.37E-03	2.73E-03
610490	4/8/2024 - 4/15/2024	Beta	1.53E-02	2.53E-03	2.91E-03
611027	4/15/2024 - 4/22/2024	Beta	2.01E-02	3.08E-03	3.27E-03
611197	4/22/2024 - 4/29/2024	Beta	2.10E-02	2.84E-03	2.97E-03
611536	4/29/2024 - 5/6/2024	Beta	1.28E-02	2.84E-03	3.67E-03
611782	5/6/2024 - 5/13/2024	Beta	1.61E-02	2.70E-03	2.91E-03
612293	5/13/2024 - 5/20/2024	Beta	1.01E-02	2.21E-03	2.73E-03
612561	5/20/2024 - 5/28/2024	Beta	1.25E-02	2.39E-03	2.81E-03
612734	5/28/2024 - 6/3/2024	Beta	1.90E-02	3.30E-03	3.73E-03
613566	6/3/2024 - 6/10/2024	Beta	1.88E-02	2.95E-03	3.19E-03
614087	6/10/2024 - 6/17/2024	Beta	2.35E-02	3.25E-03	3.29E-03
614323	6/17/2024 - 6/24/2024	Beta	1.66E-02	2.69E-03	2.75E-03
614495	6/24/2024 - 7/1/2024	Beta	1.74E-02	2.59E-03	2.85E-03
614712	4/1/2024 - 7/1/2024	Cs-134	<1.38E-03	0.00E+00	1.38E-03
		Cs-137	<1.72E-03	0.00E+00	1.72E-03
		Be-7	1.44E-01	4.28E-02	4.77E-02
		K-40	<3.73E-02	0.00E+00	3.73E-02
614705	7/1/2024 - 7/8/2024	Beta	1.65E-02	2.57E-03	2.79E-03
615100	7/8/2024 - 7/15/2024	Beta	1.34E-02	2.75E-03	3.32E-03
615912	7/15/2024 - 7/22/2024	Beta	1.85E-02	3.02E-03	3.31E-03
616376	7/22/2024 - 7/29/2024	Beta	1.11E-02	2.27E-03	2.75E-03
616648	7/29/2024 - 8/5/2024	Beta	1.77E-02	3.03E-03	3.57E-03
617042	8/5/2024 - 8/12/2024	Beta	1.44E-02	2.60E-03	3.05E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
617527	8/12/2024 - 8/19/2024	Beta	2.77E-02	3.47E-03	3.36E-03
618021	8/19/2024 - 8/26/2024	Beta	1.95E-02	2.74E-03	2.89E-03
618201	8/26/2024 - 9/3/2024	Beta	2.47E-02	3.08E-03	3.18E-03
618431	9/3/2024 - 9/9/2024	Beta	1.69E-02	3.01E-03	3.53E-03
619508	9/9/2024 - 9/16/2024	Beta	3.19E-02	3.19E-03	2.70E-03
619787	9/16/2024 - 9/23/2024	Beta	1.44E-02	2.57E-03	3.07E-03
620170	9/23/2024 - 9/30/2024	Beta	2.29E-02	3.31E-03	3.68E-03
620375	7/1/2024 - 9/30/2024	Cs-134	<1.81E-03	0.00E+00	1.81E-03
		Cs-137	<8.34E-04	0.00E+00	8.34E-04
		Be-7	1.48E-01	3.65E-02	3.08E-02
		K-40	<3.32E-02	0.00E+00	3.32E-02
620368	9/30/2024 - 10/7/2024	Beta	2.44E-02	2.98E-03	2.95E-03
620675	10/7/2024 - 10/14/2024	Beta	3.13E-02	3.21E-03	2.93E-03
621248	10/14/2024 - 10/21/2024	Beta	1.99E-02	2.96E-03	3.38E-03
621642	10/21/2024 - 10/28/2024	Beta	3.93E-02	4.27E-03	3.50E-03
621992	10/28/2024 - 11/3/2024	Beta	2.49E-02	3.29E-03	3.35E-03
622259	11/4/2024 - 11/7/2024	Beta	1.89E-02	5.19E-03	6.96E-03
622625	11/11/2024 - 11/18/2024	Beta	1.90E-02	2.58E-03	2.48E-03
622905	11/18/2024 - 11/25/2024	Beta	2.55E-02	2.89E-03	2.65E-03
623229	11/25/2024 - 12/2/2024	Beta	3.02E-02	3.60E-03	3.35E-03
624061	12/2/2024 - 12/9/2024	Beta	3.04E-02	3.52E-03	3.22E-03
624596	12/9/2024 - 12/16/2024	Beta	2.31E-02	3.13E-03	3.08E-03
624803	12/16/2024 - 12/23/2024	Beta	1.50E-02	2.89E-03	3.51E-03
625018	12/23/2024 - 12/30/2024	Beta	2.75E-02	3.42E-03	3.25E-03
625238	9/30/2024 - 12/30/2024	Cs-134	<1.94E-03	0.00E+00	1.94E-03
		Cs-137	<1.69E-03	0.00E+00	1.69E-03
		Be-7	1.22E-01	4.17E-02	4.74E-02
		K-40	<2.71E-02	0.00E+00	2.71E-02

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 5 [CONTROL - WNW @ 13.3 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602951	1/2/2024 - 1/8/2024	Beta	1.86E-02	3.18E-03	3.48E-03
603862	1/8/2024 - 1/16/2024	Beta	2.73E-02	2.78E-03	2.36E-03
603971	1/16/2024 - 1/22/2024	Beta	2.76E-02	3.34E-03	3.25E-03
604218	1/22/2024 - 1/29/2024	Beta	9.37E-03	2.39E-03	3.07E-03
604532	1/29/2024 - 2/5/2024	Beta	1.71E-02	2.54E-03	2.66E-03
604813	2/5/2024 - 2/12/2024	Beta	1.24E-02	2.40E-03	2.90E-03
605140	2/12/2024 - 2/19/2024	Beta	2.03E-02	2.80E-03	2.99E-03
606265	2/19/2024 - 2/26/2024	Beta	2.26E-02	2.83E-03	2.71E-03
607146	2/26/2024 - 3/4/2024	Beta	1.83E-02	3.00E-03	3.33E-03
607679	3/4/2024 - 3/11/2024	Beta	1.15E-02	2.32E-03	2.84E-03
608919	3/11/2024 - 3/18/2024	Beta	2.45E-02	3.19E-03	3.03E-03
609330	3/18/2024 - 3/25/2024	Beta	1.60E-02	2.61E-03	2.97E-03
609519	3/25/2024 - 4/1/2024	Beta	1.86E-02	3.09E-03	3.56E-03
609963	1/2/2024 - 4/1/2024	Cs-134	<1.63E-03	0.00E+00	1.63E-03
		Cs-137	<1.45E-03	0.00E+00	1.45E-03
		Be-7	1.32E-01	3.53E-02	3.26E-02
		K-40	<3.39E-02	0.00E+00	3.39E-02
609956	4/1/2024 - 4/8/2024	Beta	1.49E-02	2.46E-03	2.73E-03
610491	4/8/2024 - 4/15/2024	Beta	1.86E-02	2.70E-03	2.94E-03
611028	4/15/2024 - 4/22/2024	Beta	2.54E-02	3.32E-03	3.25E-03
611198	4/22/2024 - 4/29/2024	Beta	2.14E-02	2.85E-03	2.97E-03
611537	4/29/2024 - 5/6/2024	Beta	1.31E-02	2.86E-03	3.68E-03
611783	5/6/2024 - 5/13/2024	Beta	1.65E-02	2.75E-03	2.95E-03
612294	5/13/2024 - 5/20/2024	Beta	1.32E-02	2.36E-03	2.69E-03
612562	5/20/2024 - 5/28/2024	Beta	1.38E-02	2.47E-03	2.82E-03
612735	5/28/2024 - 6/3/2024	Beta	2.10E-02	3.40E-03	3.72E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
613567	6/3/2024 - 6/10/2024	Beta	1.96E-02	3.02E-03	3.24E-03
614088	6/10/2024 - 6/17/2024	Beta	2.41E-02	3.25E-03	3.25E-03
614324	6/17/2024 - 6/24/2024	Beta	1.92E-02	2.83E-03	2.74E-03
614496	6/24/2024 - 7/1/2024	Beta	1.73E-02	2.61E-03	2.89E-03
614713	4/1/2024 - 7/1/2024	Cs-134	<2.09E-03	0.00E+00	2.09E-03
		Cs-137	<1.49E-03	0.00E+00	1.49E-03
		Be-7	1.62E-01	4.31E-02	4.47E-02
		K-40	4.26E-02	1.74E-02	4.62E-03
614706	7/1/2024 - 7/8/2024	Beta	2.03E-02	2.75E-03	2.78E-03
615101	7/8/2024 - 7/15/2024	Beta	1.67E-02	2.90E-03	3.25E-03
615913	7/15/2024 - 7/22/2024	Beta	1.86E-02	3.05E-03	3.34E-03
616377	7/22/2024 - 7/29/2024	Beta	1.48E-02	2.46E-03	2.75E-03
616649	7/29/2024 - 8/5/2024	Beta	1.99E-02	3.16E-03	3.61E-03
617043	8/5/2024 - 8/12/2024	Beta	1.36E-02	2.51E-03	2.97E-03
617528	8/12/2024 - 8/19/2024	Beta	2.94E-02	3.59E-03	3.43E-03
618022	8/19/2024 - 8/26/2024	Beta	2.15E-02	2.82E-03	2.89E-03
618202	8/26/2024 - 9/3/2024	Beta	2.72E-02	3.20E-03	3.22E-03
618432	9/3/2024 - 9/9/2024	Beta	1.67E-02	2.96E-03	3.46E-03
619509	9/9/2024 - 9/16/2024	Beta	2.90E-02	3.08E-03	2.70E-03
619788	9/16/2024 - 9/23/2024	Beta	1.41E-02	2.53E-03	3.02E-03
620171	9/23/2024 - 9/30/2024	Beta	2.44E-02	3.40E-03	3.73E-03
620376	7/1/2024 - 9/30/2024	Cs-134	<1.51E-03	0.00E+00	1.51E-03
		Cs-137	<1.23E-03	0.00E+00	1.23E-03
		Be-7	1.26E-01	3.67E-02	3.74E-02
		K-40	4.02E-02	1.83E-02	1.62E-02
620369	9/30/2024 - 10/7/2024	Beta	2.16E-02	2.88E-03	2.98E-03
620676	10/7/2024 - 10/14/2024	Beta	2.44E-02	2.93E-03	2.92E-03
621249	10/14/2024 - 10/21/2024	Beta	1.66E-02	2.82E-03	3.39E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 5 [CONTROL - WNW @ 13.3 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
621643	10/21/2024 - 10/28/2024	Beta	3.62E-02	3.83E-03	3.10E-03
621993	10/28/2024 - 11/4/2024	Beta	2.33E-02	2.90E-03	2.88E-03
622260	11/4/2024 - 11/11/2024	Beta	1.48E-02	2.51E-03	2.85E-03
622626	11/11/2024 - 11/18/2024	Beta	1.61E-02	2.43E-03	2.46E-03
622906	11/18/2024 - 11/25/2024	Beta	1.90E-02	2.59E-03	2.63E-03
623230	11/25/2024 - 12/2/2024	Beta	2.47E-02	3.38E-03	3.38E-03
624062	12/2/2024 - 12/9/2024	Beta	2.87E-02	3.44E-03	3.22E-03
624597	12/9/2024 - 12/16/2024	Beta	2.55E-02	3.25E-03	3.08E-03
624804	12/16/2024 - 12/23/2024	Beta	1.33E-02	2.56E-03	3.10E-03
625019	12/23/2024 - 12/30/2024	Beta	2.61E-02	3.37E-03	3.26E-03
625239	9/30/2024 - 12/30/2024	Cs-134	<1.60E-03	0.00E+00	1.60E-03
		Cs-137	<1.16E-03	0.00E+00	1.16E-03
		Be-7	8.98E-02	2.97E-02	2.75E-02
		K-40	3.27E-02	1.48E-02	4.43E-03

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602949	1/2/2024 - 1/8/2024	Beta	1.64E-02	3.08E-03	3.52E-03
603860	1/8/2024 - 1/16/2024	Beta	2.21E-02	2.56E-03	2.35E-03
603969	1/16/2024 - 1/22/2024	Beta	2.40E-02	3.19E-03	3.26E-03
604216	1/22/2024 - 1/29/2024	Beta	9.01E-03	2.37E-03	3.06E-03
604530	1/29/2024 - 2/5/2024	Beta	1.47E-02	2.42E-03	2.65E-03
604811	2/5/2024 - 2/12/2024	Beta	1.17E-02	2.37E-03	2.90E-03
605138	2/12/2024 - 2/19/2024	Beta	1.92E-02	2.75E-03	3.00E-03
606263	2/19/2024 - 2/26/2024	Beta	2.33E-02	2.86E-03	2.71E-03
607144	2/26/2024 - 3/4/2024	Beta	1.67E-02	2.90E-03	3.31E-03
607677	3/4/2024 - 3/11/2024	Beta	9.34E-03	2.20E-03	2.85E-03
608917	3/11/2024 - 3/18/2024	Beta	2.05E-02	2.96E-03	2.99E-03
609328	3/18/2024 - 3/25/2024	Beta	1.47E-02	2.55E-03	2.97E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
609517	3/25/2024 - 4/1/2024	Beta	1.69E-02	3.00E-03	3.56E-03
609961	1/2/2024 - 4/1/2024	Cs-134	<1.78E-03	0.00E+00	1.78E-03
		Cs-137	<1.03E-03	0.00E+00	1.03E-03
		Be-7	1.00E-01	3.20E-02	3.36E-02
		K-40	1.18E-02	1.71E-02	2.86E-02
609954	4/1/2024 - 4/8/2024	Beta	1.45E-02	2.44E-03	2.73E-03
610489	4/8/2024 - 4/15/2024	Beta	1.63E-02	2.67E-03	3.07E-03
611026	4/15/2024 - 4/22/2024	Beta	2.17E-02	3.14E-03	3.24E-03
611196	4/22/2024 - 4/29/2024	Beta	1.94E-02	2.76E-03	2.96E-03
611535	4/29/2024 - 5/6/2024	Beta	1.79E-02	3.10E-03	3.68E-03
611781	5/6/2024 - 5/13/2024	Beta	1.37E-02	2.60E-03	2.95E-03
612292	5/13/2024 - 5/20/2024	Beta	1.05E-02	2.22E-03	2.69E-03
612560	5/20/2024 - 5/28/2024	Beta	1.47E-02	2.51E-03	2.81E-03
612733	5/28/2024 - 6/3/2024	Beta	1.95E-02	3.34E-03	3.72E-03
613565	6/3/2024 - 6/10/2024	Beta	1.84E-02	2.96E-03	3.24E-03
614086	6/10/2024 - 6/17/2024	Beta	2.25E-02	3.18E-03	3.25E-03
614322	6/17/2024 - 6/24/2024	Beta	1.48E-02	2.59E-03	2.75E-03
614494	6/24/2024 - 7/1/2024	Beta	1.84E-02	2.65E-03	2.87E-03
614711	4/1/2024 - 7/1/2024	Cs-134	<2.06E-03	0.00E+00	2.06E-03
		Cs-137	<1.35E-03	0.00E+00	1.35E-03
		Be-7	1.67E-01	4.07E-02	3.84E-02
		K-40	<3.90E-02	0.00E+00	3.90E-02
614704	7/1/2024 - 7/8/2024	Beta	1.72E-02	2.61E-03	2.80E-03
615099	7/8/2024 - 7/15/2024	Beta	1.90E-02	3.04E-03	3.28E-03
615911	7/15/2024 - 7/22/2024	Beta	1.56E-02	2.86E-03	3.30E-03
616375	7/22/2024 - 7/29/2024	Beta	1.35E-02	2.40E-03	2.76E-03
616647	7/29/2024 - 8/5/2024	Beta	1.69E-02	3.18E-03	3.88E-03
617041	8/5/2024 - 8/12/2024	Beta	1.20E-02	2.37E-03	2.86E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
617526	8/12/2024 - 8/19/2024	Beta	2.61E-02	3.40E-03	3.36E-03
618020	8/19/2024 - 8/26/2024	Beta	1.73E-02	2.64E-03	2.89E-03
618200	8/26/2024 - 9/3/2024	Beta	2.36E-02	3.03E-03	3.18E-03
618430	9/3/2024 - 9/9/2024	Beta	1.65E-02	2.94E-03	3.45E-03
619507	9/9/2024 - 9/16/2024	Beta	2.48E-02	2.91E-03	2.70E-03
619786	9/16/2024 - 9/23/2024	Beta	1.46E-02	2.57E-03	3.06E-03
620169	9/23/2024 - 9/30/2024	Beta	2.19E-02	3.29E-03	3.73E-03
620374	7/1/2024 - 9/30/2024	Cs-134	<2.10E-03	0.00E+00	2.10E-03
		Cs-137	<1.06E-03	0.00E+00	1.06E-03
		Be-7	1.06E-01	3.47E-02	3.92E-02
		K-40	<3.50E-02	0.00E+00	3.50E-02
620367	9/30/2024 - 10/7/2024	Beta	2.20E-02	2.86E-03	2.91E-03
620674	10/7/2024 - 10/14/2024	Beta	2.80E-02	3.08E-03	2.93E-03
621247	10/14/2024 - 10/21/2024	Beta	1.54E-02	2.76E-03	3.38E-03
621641	10/21/2024 - 10/28/2024	Beta	3.89E-02	4.28E-03	3.55E-03
621991	10/28/2024 - 11/4/2024	Beta	2.38E-02	2.93E-03	2.89E-03
622258	11/4/2024 - 11/11/2024	Beta	1.56E-02	2.51E-03	2.79E-03
622624	11/11/2024 - 11/18/2024	Beta	1.64E-02	2.44E-03	2.46E-03
622904	11/18/2024 - 11/25/2024	Beta	2.23E-02	2.78E-03	2.69E-03
623228	11/25/2024 - 12/2/2024	Beta	2.86E-02	3.50E-03	3.29E-03
624060	12/2/2024 - 12/9/2024	Beta	2.57E-02	3.30E-03	3.22E-03
624595	12/9/2024 - 12/16/2024	Beta	2.34E-02	3.15E-03	3.09E-03
624802	12/16/2024 - 12/23/2024	Beta	1.48E-02	2.90E-03	3.55E-03
625017	12/23/2024 - 12/30/2024	Beta	2.53E-02	3.29E-03	3.21E-03
625237	9/30/2024 - 12/30/2024	Cs-134	<1.91E-03	0.00E+00	1.91E-03
		Cs-137	<1.65E-03	0.00E+00	1.65E-03
		Be-7	1.29E-01	3.94E-02	4.13E-02
		K-40	1.82E-02	1.43E-02	1.94E-02

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602952	1/2/2024 - 1/8/2024	Beta	1.59E-02	3.06E-03	3.52E-03
603863	1/8/2024 - 1/16/2024	Beta	2.23E-02	2.56E-03	2.34E-03
603972	1/16/2024 - 1/22/2024	Beta	1.90E-02	2.88E-03	3.13E-03
604219	1/22/2024 - 1/29/2024	Beta	8.49E-03	2.40E-03	3.18E-03
604533	1/29/2024 - 2/5/2024	Beta	1.28E-02	2.32E-03	2.67E-03
604814	2/5/2024 - 2/12/2024	Beta	1.15E-02	2.34E-03	2.89E-03
605141	2/12/2024 - 2/19/2024	Beta	1.99E-02	2.72E-03	2.89E-03
606266	2/19/2024 - 2/26/2024	Beta	2.58E-02	3.04E-03	2.81E-03
607147	2/26/2024 - 3/4/2024	Beta	1.59E-02	2.86E-03	3.32E-03
607680	3/4/2024 - 3/11/2024	Beta	1.11E-02	2.29E-03	2.84E-03
608920	3/11/2024 - 3/18/2024	Beta	2.07E-02	2.90E-03	2.87E-03
609331	3/18/2024 - 3/25/2024	Beta	1.60E-02	2.69E-03	3.10E-03
609520	3/25/2024 - 4/1/2024	Beta	1.71E-02	3.01E-03	3.56E-03
609964	1/2/2024 - 4/1/2024	Cs-134	<1.31E-03	0.00E+00	1.31E-03
		Cs-137	<1.82E-03	0.00E+00	1.82E-03
		Be-7	1.19E-01	3.62E-02	3.89E-02
		K-40	<3.04E-02	0.00E+00	3.04E-02
609957	4/1/2024 - 4/8/2024	Beta	1.38E-02	2.41E-03	2.74E-03
610492	4/8/2024 - 4/15/2024	Beta	1.23E-02	2.34E-03	2.85E-03
611029	4/15/2024 - 4/22/2024	Beta	1.93E-02	3.08E-03	3.34E-03
611199	4/22/2024 - 4/29/2024	Beta	2.14E-02	2.85E-03	2.96E-03
611538	4/29/2024 - 5/6/2024	Beta	1.46E-02	2.95E-03	3.69E-03
611784	5/6/2024 - 5/13/2024	Beta	1.79E-02	2.75E-03	2.84E-03
612295	5/13/2024 - 5/20/2024	Beta	1.36E-02	2.44E-03	2.79E-03
612563	5/20/2024 - 5/28/2024	Beta	1.62E-02	2.59E-03	2.81E-03
612736	5/28/2024 - 6/3/2024	Beta	2.26E-02	3.49E-03	3.72E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
613568	6/3/2024 - 6/10/2024	Beta	2.01E-02	2.98E-03	3.14E-03
614089	6/10/2024 - 6/17/2024	Beta	2.37E-02	3.31E-03	3.36E-03
614325	6/17/2024 - 6/24/2024	Beta	1.85E-02	2.79E-03	2.75E-03
614497	6/24/2024 - 7/1/2024	Beta	2.16E-02	2.79E-03	2.87E-03
614714	4/1/2024 - 7/1/2024	Cs-134	<9.83E-04	0.00E+00	9.83E-04
		Cs-137	<1.43E-03	0.00E+00	1.43E-03
		Be-7	1.76E-01	4.16E-02	3.78E-02
		K-40	1.48E-02	1.19E-02	1.54E-02
614707	7/1/2024 - 7/8/2024	Beta	1.89E-02	2.64E-03	2.71E-03
615102	7/8/2024 - 7/15/2024	Beta	1.52E-02	2.91E-03	3.41E-03
615914	7/15/2024 - 7/22/2024	Beta	2.47E-02	3.40E-03	3.42E-03
616378	7/23/2024 - 7/29/2024	Beta	1.40E-02	2.74E-03	3.27E-03
616650	7/29/2024 - 8/5/2024	Beta	1.52E-02	2.87E-03	3.50E-03
617044	8/5/2024 - 8/12/2024	Beta	1.39E-02	2.52E-03	2.95E-03
617529	8/12/2024 - 8/19/2024	Beta	2.90E-02	3.53E-03	3.36E-03
618023	8/19/2024 - 8/26/2024	Beta	2.09E-02	2.80E-03	2.89E-03
618203	8/26/2024 - 9/3/2024	Beta	2.93E-02	3.22E-03	3.12E-03
618433	9/3/2024 - 9/9/2024	Beta	1.64E-02	3.04E-03	3.62E-03
619510	9/9/2024 - 9/16/2024	Beta	2.96E-02	3.10E-03	2.70E-03
619789	9/16/2024 - 9/23/2024	Beta	1.63E-02	2.64E-03	3.02E-03
620172	9/23/2024 - 9/30/2024	Beta	2.13E-02	3.19E-03	3.61E-03
620377	7/1/2024 - 9/30/2024	Cs-134	<1.04E-03	0.00E+00	1.04E-03
		Cs-137	<1.64E-03	0.00E+00	1.64E-03
		Be-7	1.57E-01	3.78E-02	2.86E-02
		K-40	2.60E-02	1.66E-02	2.04E-02
620370	9/30/2024 - 10/7/2024	Beta	2.58E-02	3.05E-03	2.96E-03
620677	10/7/2024 - 10/14/2024	Beta	2.95E-02	3.22E-03	3.07E-03
621250	10/14/2024 - 10/21/2024	Beta	2.13E-02	2.93E-03	3.24E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
621644	10/21/2024 - 10/28/2024	Beta	4.11E-02	4.32E-03	3.49E-03
621994	10/28/2024 - 11/4/2024	Beta	2.34E-02	2.98E-03	2.98E-03
622261	11/4/2024 - 11/11/2024	Beta	2.18E-02	2.78E-03	2.75E-03
622627	11/11/2024 - 11/18/2024	Beta	2.04E-02	2.63E-03	2.46E-03
622907	11/18/2024 - 11/25/2024	Beta	2.62E-02	2.91E-03	2.64E-03
623231	11/25/2024 - 12/2/2024	Beta	3.23E-02	3.70E-03	3.36E-03
624063	12/2/2024 - 12/9/2024	Beta	3.11E-02	3.55E-03	3.23E-03
624598	12/9/2024 - 12/16/2024	Beta	2.84E-02	3.38E-03	3.08E-03
624805	12/16/2024 - 12/23/2024	Beta	1.51E-02	2.88E-03	3.49E-03
625020	12/23/2024 - 12/30/2024	Beta	3.17E-02	3.61E-03	3.25E-03
625240	9/30/2024 - 12/30/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.48E-03	0.00E+00	1.48E-03
		Be-7	9.94E-02	3.84E-02	4.77E-02
		K-40	<2.83E-02	0.00E+00	2.83E-02

Sample Point 90 [INDICATOR - SSW @ 0.5 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602953	1/2/2024 - 1/8/2024	Beta	1.77E-02	3.15E-03	3.52E-03
603864	1/8/2024 - 1/16/2024	Beta	2.13E-02	2.52E-03	2.34E-03
603973	1/16/2024 - 1/22/2024	Beta	2.37E-02	3.10E-03	3.13E-03
604220	1/22/2024 - 1/29/2024	Beta	9.73E-03	2.49E-03	3.18E-03
604534	1/29/2024 - 2/5/2024	Beta	1.45E-02	2.41E-03	2.67E-03
604815	2/5/2024 - 2/12/2024	Beta	1.06E-02	2.30E-03	2.89E-03
605142	2/12/2024 - 2/19/2024	Beta	1.78E-02	2.62E-03	2.89E-03
606267	2/19/2024 - 2/26/2024	Beta	2.00E-02	2.77E-03	2.81E-03
607148	2/26/2024 - 3/4/2024	Beta	1.88E-02	3.01E-03	3.32E-03
607681	3/4/2024 - 3/11/2024	Beta	1.14E-02	2.31E-03	2.84E-03
608921	3/11/2024 - 3/18/2024	Beta	2.10E-02	2.91E-03	2.87E-03
609332	3/18/2024 - 3/25/2024	Beta	1.54E-02	2.66E-03	3.10E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
609521	3/25/2024 - 4/1/2024	Beta	1.89E-02	3.10E-03	3.56E-03
609965	1/2/2024 - 4/1/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.37E-03	0.00E+00	1.37E-03
		Be-7	1.21E-01	3.42E-02	3.26E-02
		K-40	<3.84E-02	0.00E+00	3.84E-02
609958	4/1/2024 - 4/8/2024	Beta	1.42E-02	2.43E-03	2.74E-03
610493	4/8/2024 - 4/15/2024	Beta	1.63E-02	2.53E-03	2.85E-03
611030	4/15/2024 - 4/22/2024	Beta	2.14E-02	3.19E-03	3.34E-03
611200	4/22/2024 - 4/29/2024	Beta	2.08E-02	2.83E-03	2.96E-03
611539	4/29/2024 - 5/6/2024	Beta	1.34E-02	2.89E-03	3.69E-03
611785	5/6/2024 - 5/13/2024	Beta	1.52E-02	2.61E-03	2.84E-03
612296	5/13/2024 - 5/20/2024	Beta	1.07E-02	2.28E-03	2.79E-03
612564	5/20/2024 - 5/28/2024	Beta	1.45E-02	2.50E-03	2.81E-03
612737	5/28/2024 - 6/3/2024	Beta	2.06E-02	3.39E-03	3.72E-03
613569	6/3/2024 - 6/10/2024	Beta	1.62E-02	2.78E-03	3.14E-03
614090	6/10/2024 - 6/17/2024	Beta	2.42E-02	3.33E-03	3.36E-03
614326	6/17/2024 - 6/24/2024	Beta	1.75E-02	2.74E-03	2.75E-03
614498	6/24/2024 - 7/1/2024	Beta	1.74E-02	2.61E-03	2.87E-03
614715	4/1/2024 - 7/1/2024	Cs-134	<1.79E-03	0.00E+00	1.79E-03
		Cs-137	<1.58E-03	0.00E+00	1.58E-03
		Be-7	1.29E-01	3.28E-02	2.42E-02
		K-40	<4.13E-02	0.00E+00	4.13E-02
614708	7/1/2024 - 7/8/2024	Beta	1.83E-02	2.61E-03	2.71E-03
615103	7/8/2024 - 7/15/2024	Beta	1.43E-02	2.86E-03	3.41E-03
615915	7/15/2024 - 7/22/2024	Beta	2.36E-02	3.34E-03	3.42E-03
616379	7/22/2024 - 7/29/2024	Beta	1.21E-02	2.39E-03	2.88E-03
616651	7/29/2024 - 8/5/2024	Beta	1.88E-02	3.04E-03	3.50E-03
617045	8/5/2024 - 8/12/2024	Beta	1.36E-02	2.50E-03	2.95E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
617530	8/12/2024 - 8/19/2024	Beta	3.19E-02	3.65E-03	3.36E-03
618024	8/19/2024 - 8/26/2024	Beta	1.86E-02	2.70E-03	2.89E-03
618204	8/26/2024 - 9/3/2024	Beta	2.70E-02	3.13E-03	3.12E-03
618434	9/3/2024 - 9/9/2024	Beta	1.76E-02	3.09E-03	3.62E-03
619511	9/9/2024 - 9/16/2024	Beta	2.35E-02	2.85E-03	2.70E-03
619790	9/16/2024 - 9/23/2024	Beta	1.38E-02	2.52E-03	3.02E-03
620173	9/23/2024 - 9/30/2024	Beta	2.38E-02	3.30E-03	3.61E-03
620378	7/1/2024 - 9/30/2024	Cs-134	<1.25E-03	0.00E+00	1.25E-03
		Cs-137	<2.00E-03	0.00E+00	2.00E-03
		Be-7	9.78E-02	2.97E-02	2.82E-02
		K-40	<3.34E-02	0.00E+00	3.34E-02
620371	9/30/2024 - 10/7/2024	Beta	2.45E-02	2.99E-03	2.96E-03
620678	10/7/2024 - 10/14/2024	Beta	2.78E-02	3.16E-03	3.07E-03
621251	10/14/2024 - 10/21/2024	Beta	1.88E-02	2.83E-03	3.24E-03
621645	10/21/2024 - 10/28/2024	Beta	3.39E-02	4.01E-03	3.49E-03
621995	10/28/2024 - 11/4/2024	Beta	2.43E-02	3.01E-03	2.98E-03
622262	11/4/2024 - 11/11/2024	Beta	1.69E-02	2.55E-03	2.75E-03
622628	11/11/2024 - 11/18/2024	Beta	1.91E-02	2.57E-03	2.46E-03
622908	11/18/2024 - 11/25/2024	Beta	2.20E-02	2.74E-03	2.64E-03
623232	11/25/2024 - 12/2/2024	Beta	3.11E-02	3.65E-03	3.36E-03
624064	12/2/2024 - 12/9/2024	Beta	2.95E-02	3.48E-03	3.23E-03
624599	12/9/2024 - 12/16/2024	Beta	2.98E-02	3.44E-03	3.08E-03
624806	12/16/2024 - 12/23/2024	Beta	1.52E-02	2.89E-03	3.49E-03
625021	12/23/2024 - 12/30/2024	Beta	2.64E-02	3.37E-03	3.25E-03
625241	9/30/2024 - 12/30/2024	Cs-134	<1.80E-03	0.00E+00	1.80E-03
		Cs-137	<1.31E-03	0.00E+00	1.31E-03
		Be-7	8.39E-02	3.26E-02	3.59E-02
		K-40	<3.67E-02	0.00E+00	3.67E-02

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602954	1/2/2024 - 1/8/2024	Beta	1.69E-02	3.09E-03	3.47E-03
603865	1/8/2024 - 1/16/2024	Beta	1.99E-02	2.48E-03	2.37E-03
603974	1/16/2024 - 1/22/2024	Beta	1.84E-02	2.88E-03	3.17E-03
604221	1/22/2024 - 1/29/2024	Beta	9.08E-03	2.42E-03	3.14E-03
604535	1/29/2024 - 2/5/2024	Beta	1.38E-02	2.37E-03	2.65E-03
604816	2/5/2024 - 2/12/2024	Beta	9.81E-03	2.33E-03	3.02E-03
605143	2/12/2024 - 2/19/2024	Beta	1.79E-02	2.65E-03	2.94E-03
606268	2/19/2024 - 2/26/2024	Beta	1.99E-02	2.75E-03	2.78E-03
607149	2/26/2024 - 3/4/2024	Beta	1.49E-02	2.80E-03	3.31E-03
607682	3/4/2024 - 3/11/2024	Beta	8.88E-03	2.18E-03	2.85E-03
608922	3/11/2024 - 3/18/2024	Beta	1.78E-02	2.78E-03	2.91E-03
609333	3/18/2024 - 3/25/2024	Beta	1.35E-02	2.55E-03	3.07E-03
609522	3/25/2024 - 4/1/2024	Beta	1.62E-02	2.97E-03	3.56E-03
609966	1/2/2024 - 4/1/2024	Cs-134	<1.77E-03	0.00E+00	1.77E-03
		Cs-137	<1.71E-03	0.00E+00	1.71E-03
		Be-7	8.38E-02	3.25E-02	3.89E-02
		K-40	<3.22E-02	0.00E+00	3.22E-02
609959	4/1/2024 - 4/8/2024	Beta	1.42E-02	2.42E-03	2.73E-03
610494	4/8/2024 - 4/15/2024	Beta	1.65E-02	2.57E-03	2.89E-03
611031	4/15/2024 - 4/22/2024	Beta	2.36E-02	3.27E-03	3.30E-03
611201	4/22/2024 - 4/29/2024	Beta	1.74E-02	2.67E-03	2.97E-03
611540	4/29/2024 - 5/6/2024	Beta	1.13E-02	2.76E-03	3.67E-03
611786	5/6/2024 - 5/13/2024	Beta	1.38E-02	2.56E-03	2.88E-03
612297	5/13/2024 - 5/20/2024	Beta	9.57E-03	2.20E-03	2.75E-03
612565	5/20/2024 - 5/28/2024	Beta	1.30E-02	2.43E-03	2.82E-03
612738	5/28/2024 - 6/3/2024	Beta	1.72E-02	3.21E-03	3.73E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
613570	6/3/2024 - 6/10/2024	Beta	1.75E-02	2.87E-03	3.17E-03
614091	6/10/2024 - 6/17/2024	Beta	1.99E-02	3.10E-03	3.31E-03
614327	6/17/2024 - 6/24/2024	Beta	1.95E-02	2.85E-03	2.75E-03
614499	6/24/2024 - 7/1/2024	Beta	1.90E-02	2.67E-03	2.85E-03
614716	4/1/2024 - 7/1/2024	Cs-134	<1.44E-03	0.00E+00	1.44E-03
		Cs-137	<1.64E-03	0.00E+00	1.64E-03
		Be-7	1.56E-01	3.67E-02	2.88E-02
		K-40	<3.63E-02	0.00E+00	3.63E-02
614709	7/1/2024 - 7/8/2024	Beta	1.62E-02	2.55E-03	2.77E-03
615104	7/8/2024 - 7/15/2024	Beta	1.11E-02	2.65E-03	3.34E-03
615916	7/15/2024 - 7/22/2024	Beta	1.96E-02	3.08E-03	3.31E-03
616380	7/22/2024 - 7/29/2024	Beta	1.22E-02	2.32E-03	2.75E-03
616652	7/29/2024 - 8/5/2024	Beta	1.58E-02	2.92E-03	3.53E-03
617046	8/5/2024 - 8/12/2024	Beta	1.18E-02	2.39E-03	2.92E-03
617531	8/12/2024 - 8/19/2024	Beta	2.71E-02	3.44E-03	3.36E-03
618025	8/19/2024 - 8/26/2024	Beta	1.64E-02	2.59E-03	2.89E-03
618205	8/26/2024 - 9/3/2024	Beta	2.41E-02	3.03E-03	3.15E-03
618435	9/3/2024 - 9/9/2024	Beta	1.45E-02	2.91E-03	3.57E-03
619512	9/9/2024 - 9/16/2024	Beta	2.14E-02	2.76E-03	2.70E-03
619791	9/16/2024 - 9/23/2024	Beta	1.15E-02	2.40E-03	3.02E-03
620174	9/23/2024 - 9/30/2024	Beta	2.21E-02	3.25E-03	3.64E-03
620379	7/1/2024 - 9/30/2024	Cs-134	<1.80E-03	0.00E+00	1.80E-03
		Cs-137	<1.79E-03	0.00E+00	1.79E-03
		Be-7	1.00E-01	3.40E-02	3.90E-02
		K-40	1.94E-02	1.62E-02	2.32E-02
620372	9/30/2024 - 10/7/2024	Beta	2.04E-02	2.82E-03	2.96E-03
620679	10/7/2024 - 10/14/2024	Beta	2.60E-02	3.03E-03	2.98E-03
621252	10/14/2024 - 10/21/2024	Beta	1.58E-02	2.75E-03	3.33E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 91 [INDICATOR - ENE @ 1.6 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
621646	10/21/2024 - 10/28/2024	Beta	3.76E-02	4.17E-03	3.49E-03
621996	10/28/2024 - 11/4/2024	Beta	2.03E-02	2.81E-03	2.95E-03
622263	11/4/2024 - 11/11/2024	Beta	1.58E-02	2.51E-03	2.78E-03
622629	11/11/2024 - 11/18/2024	Beta	1.67E-02	2.45E-03	2.46E-03
622909	11/18/2024 - 11/25/2024	Beta	2.00E-02	2.64E-03	2.64E-03
623233	11/25/2024 - 12/2/2024	Beta	2.69E-02	3.46E-03	3.36E-03
624065	12/2/2024 - 12/9/2024	Beta	2.65E-02	3.35E-03	3.23E-03
624600	12/9/2024 - 12/16/2024	Beta	2.75E-02	3.33E-03	3.08E-03
624807	12/16/2024 - 12/23/2024	Beta	1.71E-02	2.99E-03	3.50E-03
625022	12/23/2024 - 12/30/2024	Beta	2.65E-02	3.37E-03	3.25E-03
625242	9/30/2024 - 12/30/2024	Cs-134	<2.12E-03	0.00E+00	2.12E-03
		Cs-137	<1.23E-03	0.00E+00	1.23E-03
		Be-7	1.29E-01	3.50E-02	2.27E-02
		K-40	3.65E-02	1.76E-02	1.66E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 2 [INDICATOR - NNE @ 1.4 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602962	1/2/2024 - 1/8/2024	I-131	<4.97E-02	0.00E+00	4.97E-02
		Cs-134	<3.30E-02	0.00E+00	3.30E-02
		Cs-137	<3.58E-02	0.00E+00	3.58E-02
		Be-7	<2.14E-01	0.00E+00	2.14E-01
		K-40	7.93E-01	3.30E-01	8.95E-02
603866	1/8/2024 - 1/16/2024	I-131	<3.82E-02	0.00E+00	3.82E-02
		Cs-134	<2.30E-02	0.00E+00	2.30E-02
		Cs-137	<1.97E-02	0.00E+00	1.97E-02
		Be-7	<2.30E-01	0.00E+00	2.30E-01
		K-40	4.94E-01	2.99E-01	3.89E-01
603975	1/16/2024 - 1/22/2024	I-131	<4.50E-02	0.00E+00	4.50E-02
		Cs-134	<3.87E-02	0.00E+00	3.87E-02
		Cs-137	<3.64E-02	0.00E+00	3.64E-02
		Be-7	<2.29E-01	0.00E+00	2.29E-01
		K-40	8.33E-01	4.09E-01	4.76E-01
604222	1/22/2024 - 1/29/2024	I-131	<3.37E-02	0.00E+00	3.37E-02
		Cs-134	<2.41E-02	0.00E+00	2.41E-02
		Cs-137	<3.47E-02	0.00E+00	3.47E-02
		Be-7	<2.44E-01	0.00E+00	2.44E-01
		K-40	9.44E-01	3.98E-01	4.15E-01
604536	1/29/2024 - 2/5/2024	I-131	<3.58E-02	0.00E+00	3.58E-02
		Cs-134	<3.04E-02	0.00E+00	3.04E-02
		Cs-137	<3.21E-02	0.00E+00	3.21E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 2 [INDICATOR - NNE @ 1.4 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
604536	1/29/2024 - 2/5/2024	Be-7	<2.65E-01	0.00E+00	2.65E-01
		K-40	6.53E-01	3.10E-01	3.08E-01
604817	2/5/2024 - 2/12/2024	I-131	<4.62E-02	0.00E+00	4.62E-02
		Cs-134	<3.45E-02	0.00E+00	3.45E-02
		Cs-137	<2.95E-02	0.00E+00	2.95E-02
		Be-7	<2.29E-01	0.00E+00	2.29E-01
		K-40	5.75E-01	2.94E-01	3.00E-01
605144	2/12/2024 - 2/19/2024	I-131	<4.21E-02	0.00E+00	4.21E-02
		Cs-134	<1.55E-02	0.00E+00	1.55E-02
		Cs-137	<2.70E-02	0.00E+00	2.70E-02
		Be-7	<2.55E-01	0.00E+00	2.55E-01
		K-40	1.02E+00	3.76E-01	3.23E-01
606269	2/19/2024 - 2/26/2024	I-131	<4.23E-02	0.00E+00	4.23E-02
		Cs-134	<4.51E-02	0.00E+00	4.51E-02
		Cs-137	<3.04E-02	0.00E+00	3.04E-02
		Be-7	<2.95E-01	0.00E+00	2.95E-01
		K-40	6.66E-01	3.39E-01	3.84E-01
607150	2/26/2024 - 3/4/2024	I-131	<3.59E-02	0.00E+00	3.59E-02
		Cs-134	<3.05E-02	0.00E+00	3.05E-02
		Cs-137	<3.08E-02	0.00E+00	3.08E-02
		Be-7	<2.02E-01	0.00E+00	2.02E-01
		K-40	<7.64E-01	0.00E+00	7.64E-01
607683	3/4/2024 - 3/11/2024	I-131	<4.48E-02	0.00E+00	4.48E-02
		Cs-134	<3.07E-02	0.00E+00	3.07E-02
		Cs-137	<2.62E-02	0.00E+00	2.62E-02
		Be-7	<2.15E-01	0.00E+00	2.15E-01
		K-40	<7.81E-01	0.00E+00	7.81E-01
608923	3/11/2024 - 3/18/2024	I-131	<4.00E-02	0.00E+00	4.00E-02
		Cs-134	<2.74E-02	0.00E+00	2.74E-02
		Cs-137	<2.14E-02	0.00E+00	2.14E-02
		Be-7	<2.59E-01	0.00E+00	2.59E-01
		K-40	7.76E-01	3.48E-01	3.70E-01
609334	3/18/2024 - 3/25/2024	I-131	<4.89E-02	0.00E+00	4.89E-02
		Cs-134	<2.43E-02	0.00E+00	2.43E-02
		Cs-137	<2.90E-02	0.00E+00	2.90E-02
		Be-7	<2.38E-01	0.00E+00	2.38E-01
		K-40	7.95E-01	3.52E-01	3.43E-01
609523	3/25/2024 - 4/1/2024	I-131	<3.87E-02	0.00E+00	3.87E-02
		Cs-134	<2.23E-02	0.00E+00	2.23E-02
		Cs-137	<2.10E-02	0.00E+00	2.10E-02
		Be-7	<1.16E-01	0.00E+00	1.16E-01
		K-40	6.33E-01	2.97E-01	3.25E-01
609967	4/1/2024 - 4/8/2024	I-131	<4.41E-02	0.00E+00	4.41E-02
		Cs-134	<2.60E-02	0.00E+00	2.60E-02
		Cs-137	<2.22E-02	0.00E+00	2.22E-02
		Be-7	<2.58E-01	0.00E+00	2.58E-01
		K-40	5.39E-01	3.27E-01	4.21E-01
610495	4/8/2024 - 4/15/2024	I-131	<4.11E-02	0.00E+00	4.11E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 2 [INDICATOR - NNE @ 1.4 miles]

Sample ID:	610495	Sample Dates: 4/8/2024 - 4/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<2.28E-02	0.00E+00	2.28E-02
			Cs-137	<2.88E-02	0.00E+00	2.88E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	7.84E-01	3.29E-01	2.91E-01
Sample ID:	**611032**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<2.91E-02	0.00E+00	2.91E-02
			Cs-137	<3.58E-02	0.00E+00	3.58E-02
			Be-7	<1.98E-01	0.00E+00	1.98E-01
			K-40	7.70E-01	3.30E-01	2.81E-01
Sample ID:	**611202**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.67E-02	0.00E+00	3.67E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	1.03E+00	3.52E-01	7.74E-02
Sample ID:	**611541**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	8.50E-01	3.73E-01	4.00E-01
Sample ID:	**611787**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.48E-02	0.00E+00	3.48E-02
			Cs-134	<2.99E-02	0.00E+00	2.99E-02
			Cs-137	<2.88E-02	0.00E+00	2.88E-02
			Be-7	<2.54E-01	0.00E+00	2.54E-01
			K-40	2.64E-01	2.99E-01	4.77E-01
Sample ID:	**612298**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<3.15E-02	0.00E+00	3.15E-02
			Cs-137	<2.50E-02	0.00E+00	2.50E-02
			Be-7	<2.60E-01	0.00E+00	2.60E-01
			K-40	8.51E-01	3.23E-01	7.95E-02
Sample ID:	**612566**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.41E-02	0.00E+00	3.41E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<2.29E-02	0.00E+00	2.29E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	5.56E-01	2.64E-01	2.50E-01
Sample ID:	**612739**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.35E-02	0.00E+00	4.35E-02
			Cs-134	<3.72E-02	0.00E+00	3.72E-02
			Cs-137	<1.97E-02	0.00E+00	1.97E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	8.69E-01	3.62E-01	2.77E-01
Sample ID:	**613571**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.32E-02	0.00E+00	5.32E-02
			Cs-134	<2.81E-02	0.00E+00	2.81E-02
			Cs-137	<1.97E-02	0.00E+00	1.97E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	6.47E-01	3.37E-01	3.99E-01
Sample ID:	**614092**	**Sample Dates: 6/10/2024 - 6/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.64E-02	0.00E+00	4.64E-02
			Cs-134	<2.93E-02	0.00E+00	2.93E-02
			Cs-137	<2.70E-02	0.00E+00	2.70E-02
			Be-7	<2.82E-01	0.00E+00	2.82E-01
			K-40	8.74E-01	3.64E-01	3.41E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 2 [INDICATOR - NNE @ 1.4 miles]

Sample ID:	614328	Sample Dates: 6/17/2024 - 6/24/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<3.78E-02	0.00E+00	3.78E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	6.85E-01	2.85E-01	7.73E-02
Sample ID:	**614500**	**Sample Dates: 6/24/2024 - 7/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.38E-02	0.00E+00	3.38E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<1.65E-02	0.00E+00	1.65E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	5.78E-01	2.84E-01	2.79E-01
Sample ID:	**614717**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.36E-02	0.00E+00	4.36E-02
			Cs-134	<2.38E-02	0.00E+00	2.38E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<2.57E-01	0.00E+00	2.57E-01
			K-40	6.67E-01	3.17E-01	3.15E-01
Sample ID:	**615108**	**Sample Dates: 7/8/2024 - 7/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.08E-02	0.00E+00	4.08E-02
			Cs-134	<2.05E-02	0.00E+00	2.05E-02
			Cs-137	<3.42E-02	0.00E+00	3.42E-02
			Be-7	<1.98E-01	0.00E+00	1.98E-01
			K-40	8.01E-01	3.52E-01	3.48E-01
Sample ID:	**615917**	**Sample Dates: 7/15/2024 - 7/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.83E-02	0.00E+00	4.83E-02
			Cs-134	<3.65E-02	0.00E+00	3.65E-02
			Cs-137	<3.76E-02	0.00E+00	3.76E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	5.08E-01	3.00E-01	3.62E-01
Sample ID:	**616381**	**Sample Dates: 7/22/2024 - 7/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.69E-02	0.00E+00	4.69E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	6.94E-01	3.42E-01	3.84E-01
Sample ID:	**616653**	**Sample Dates: 7/29/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<2.55E-02	0.00E+00	2.55E-02
			Cs-137	<2.87E-02	0.00E+00	2.87E-02
			Be-7	<2.67E-01	0.00E+00	2.67E-01
			K-40	7.88E-01	3.52E-01	3.71E-01
Sample ID:	**617047**	**Sample Dates: 8/5/2024 - 8/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<3.34E-02	0.00E+00	3.34E-02
			Cs-137	<3.58E-02	0.00E+00	3.58E-02
			Be-7	<1.87E-01	0.00E+00	1.87E-01
			K-40	<7.31E-01	0.00E+00	7.31E-01
Sample ID:	**617532**	**Sample Dates: 8/12/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.90E-02	0.00E+00	3.90E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.68E-01	0.00E+00	2.68E-01
			K-40	7.70E-01	3.36E-01	3.17E-01
Sample ID:	**618026**	**Sample Dates: 8/19/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.23E-02	0.00E+00	3.23E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.51E-01	0.00E+00	2.51E-01
			K-40	6.93E-01	3.64E-01	4.48E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 2 [INDICATOR - NNE @ 1.4 miles]

Sample ID:	618206	Sample Dates: 8/26/2024 - 9/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.65E-02	0.00E+00	3.65E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<1.91E-01	0.00E+00	1.91E-01
			K-40	<5.84E-01	0.00E+00	5.84E-01
Sample ID:	**618436**	**Sample Dates: 9/3/2024 - 9/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.74E-02	0.00E+00	4.74E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.88E-01	0.00E+00	2.88E-01
			K-40	1.38E+00	4.50E-01	9.36E-02
Sample ID:	**619513**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.36E-02	0.00E+00	4.36E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	3.55E-01	3.50E-01	5.47E-01
Sample ID:	**619792**	**Sample Dates: 9/16/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.76E-02	0.00E+00	3.76E-02
			Cs-134	<5.87E-03	0.00E+00	5.87E-03
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	7.12E-01	2.90E-01	7.72E-02
Sample ID:	**620175**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.08E-02	0.00E+00	3.08E-02
			Cs-134	<2.31E-02	0.00E+00	2.31E-02
			Cs-137	<2.17E-02	0.00E+00	2.17E-02
			Be-7	6.98E-02	7.61E-02	1.22E-01
			K-40	6.72E-01	2.19E-01	1.84E-01
Sample ID:	**620380**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.36E-02	0.00E+00	4.36E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<2.70E-01	0.00E+00	2.70E-01
			K-40	<6.98E-01	0.00E+00	6.98E-01
Sample ID:	**620680**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.76E-02	0.00E+00	3.76E-02
			Cs-134	<2.76E-02	0.00E+00	2.76E-02
			Cs-137	<3.00E-02	0.00E+00	3.00E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	7.46E-01	2.93E-01	7.49E-02
Sample ID:	**621253**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.34E-02	0.00E+00	3.34E-02
			Cs-134	<3.90E-02	0.00E+00	3.90E-02
			Cs-137	<2.88E-02	0.00E+00	2.88E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	5.62E-01	2.97E-01	3.12E-01
Sample ID:	**621647**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<3.00E-02	0.00E+00	3.00E-02
			Cs-137	<1.96E-02	0.00E+00	1.96E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	7.56E-01	2.97E-01	7.58E-02
Sample ID:	**621997**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.93E-02	0.00E+00	3.93E-02
			Cs-134	<2.91E-02	0.00E+00	2.91E-02
			Cs-137	<2.49E-02	0.00E+00	2.49E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	6.99E-01	2.91E-01	7.90E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 2 [INDICATOR - NNE @ 1.4 miles]

Sample ID:	622264	Sample Dates: 11/4/2024 - 11/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.64E-02	0.00E+00	4.64E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	4.51E-01	3.51E-01	5.15E-01
Sample ID:	**622630**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.44E-02	0.00E+00	3.44E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<1.72E-02	0.00E+00	1.72E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	6.96E-01	3.10E-01	2.71E-01
Sample ID:	**622910**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.63E-02	0.00E+00	4.63E-02
			Cs-134	<1.96E-02	0.00E+00	1.96E-02
			Cs-137	<2.17E-02	0.00E+00	2.17E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	6.31E-01	3.16E-01	3.49E-01
Sample ID:	**623234**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.39E-02	0.00E+00	4.39E-02
			Cs-134	<2.68E-02	0.00E+00	2.68E-02
			Cs-137	<1.77E-02	0.00E+00	1.77E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	1.05E+00	3.61E-01	7.93E-02
Sample ID:	**624066**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.66E-02	0.00E+00	3.66E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<1.73E-02	0.00E+00	1.73E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	6.16E-01	3.24E-01	3.74E-01
Sample ID:	**624601**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.31E-02	0.00E+00	4.31E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	6.26E-01	2.72E-01	7.71E-02
Sample ID:	**624808**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.97E-02	0.00E+00	5.97E-02
			Cs-134	<3.43E-02	0.00E+00	3.43E-02
			Cs-137	<2.70E-02	0.00E+00	2.70E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	5.72E-01	2.38E-01	6.46E-02
Sample ID:	**625023**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.15E-02	0.00E+00	6.15E-02
			Cs-134	<2.09E-02	0.00E+00	2.09E-02
			Cs-137	<2.17E-02	0.00E+00	2.17E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	2.88E-01	2.14E-01	2.79E-01

Sample Point 4 [INDICATOR - NNE @ 3.1 miles]

Sample ID:	602964	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.04E-02	0.00E+00	5.04E-02
			Cs-134	<3.02E-02	0.00E+00	3.02E-02
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<2.68E-01	0.00E+00	2.68E-01
			K-40	7.71E-01	3.89E-01	4.44E-01
Sample ID:	**603868**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.15E-02	0.00E+00	2.15E-02

Sample ID:	603868	Sample Dates: 1/8/2024 - 1/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<1.96E-01	0.00E+00	1.96E-01
			K-40	4.08E-01	3.00E-01	4.29E-01
Sample ID:	**603977**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.74E-02	0.00E+00	4.74E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<2.51E-02	0.00E+00	2.51E-02
			Be-7	<3.01E-01	0.00E+00	3.01E-01
			K-40	6.25E-01	3.16E-01	3.03E-01
Sample ID:	**604224**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.41E-02	0.00E+00	4.41E-02
			Cs-134	<3.36E-02	0.00E+00	3.36E-02
			Cs-137	<3.33E-02	0.00E+00	3.33E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	8.01E-01	3.70E-01	4.04E-01
Sample ID:	**604538**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.58E-02	0.00E+00	4.58E-02
			Cs-134	<2.59E-02	0.00E+00	2.59E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<2.02E-01	0.00E+00	2.02E-01
			K-40	9.71E-01	4.12E-01	4.58E-01
Sample ID:	**604819**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.97E-02	0.00E+00	3.97E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<7.17E-01	0.00E+00	7.17E-01
Sample ID:	**605146**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.61E-02	0.00E+00	4.61E-02
			Cs-134	<4.24E-02	0.00E+00	4.24E-02
			Cs-137	<2.54E-02	0.00E+00	2.54E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	<8.70E-01	0.00E+00	8.70E-01
Sample ID:	**606271**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.73E-02	0.00E+00	3.73E-02
			Cs-134	<2.68E-02	0.00E+00	2.68E-02
			Cs-137	<2.06E-02	0.00E+00	2.06E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	6.17E-01	2.74E-01	7.96E-02
Sample ID:	**607152**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.75E-02	0.00E+00	4.75E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	6.05E-01	3.33E-01	4.07E-01
Sample ID:	**607685**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.60E-02	0.00E+00	4.60E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	7.26E-01	3.16E-01	2.72E-01
Sample ID:	**608925**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<2.25E-02	0.00E+00	2.25E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	6.65E-01	3.00E-01	2.72E-01
Sample ID:	**609336**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.57E-02	0.00E+00	4.57E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 4 [INDICATOR - NNE @ 3.1 miles]

Sample ID:	609336	Sample Dates: 3/18/2024 - 3/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<2.72E-02	0.00E+00	2.72E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	<6.83E-01	0.00E+00	6.83E-01
Sample ID:	**609525**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.56E-02	0.00E+00	3.56E-02
			Cs-134	<2.77E-02	0.00E+00	2.77E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<1.43E-01	0.00E+00	1.43E-01
			K-40	5.39E-01	2.80E-01	3.23E-01
Sample ID:	**609969**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.89E-02	0.00E+00	4.89E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.26E-01	0.00E+00	2.26E-01
			K-40	7.20E-01	3.15E-01	2.75E-01
Sample ID:	**610497**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.92E-02	0.00E+00	2.92E-02
			Cs-134	<3.19E-02	0.00E+00	3.19E-02
			Cs-137	<2.38E-02	0.00E+00	2.38E-02
			Be-7	<2.49E-01	0.00E+00	2.49E-01
			K-40	5.48E-01	3.37E-01	4.46E-01
Sample ID:	**611034**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.61E-02	0.00E+00	3.61E-02
			Cs-134	<2.91E-02	0.00E+00	2.91E-02
			Cs-137	<3.44E-02	0.00E+00	3.44E-02
			Be-7	<2.17E-01	0.00E+00	2.17E-01
			K-40	7.65E-01	3.32E-01	2.94E-01
Sample ID:	**611204**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.74E-01	0.00E+00	2.74E-01
			K-40	8.75E-01	3.63E-01	3.48E-01
Sample ID:	**611543**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.72E-02	0.00E+00	3.72E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	<6.82E-01	0.00E+00	6.82E-01
Sample ID:	**611789**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<3.37E-02	0.00E+00	3.37E-02
			Cs-137	<2.88E-02	0.00E+00	2.88E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	<7.88E-01	0.00E+00	7.88E-01
Sample ID:	**612300**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<2.93E-02	0.00E+00	2.93E-02
			Cs-137	<2.50E-02	0.00E+00	2.50E-02
			Be-7	<2.95E-01	0.00E+00	2.95E-01
			K-40	6.68E-01	3.02E-01	2.45E-01
Sample ID:	**612568**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.09E-02	0.00E+00	4.09E-02
			Cs-134	<3.01E-02	0.00E+00	3.01E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	6.66E-01	2.78E-01	2.13E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 4 [INDICATOR - NNE @ 3.1 miles]

Sample ID: 612741 Sample Dates: 5/28/2024 - 6/3/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<2.67E-02	0.00E+00	2.67E-02
Cs-137	<2.99E-02	0.00E+00	2.99E-02
Be-7	<2.87E-01	0.00E+00	2.87E-01
K-40	6.73E-01	3.53E-01	3.92E-01

Sample ID: 613573 Sample Dates: 6/3/2024 - 6/10/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.06E-02	0.00E+00	5.06E-02
Cs-134	<1.58E-02	0.00E+00	1.58E-02
Cs-137	<2.90E-02	0.00E+00	2.90E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	6.49E-01	3.06E-01	2.98E-01

Sample ID: 614094 Sample Dates: 6/10/2024 - 6/17/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.29E-02	0.00E+00	4.29E-02
Cs-134	<2.68E-02	0.00E+00	2.68E-02
Cs-137	<3.18E-02	0.00E+00	3.18E-02
Be-7	<2.28E-01	0.00E+00	2.28E-01
K-40	8.51E-01	3.55E-01	3.22E-01

Sample ID: 614330 Sample Dates: 6/17/2024 - 6/24/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.25E-02	0.00E+00	4.25E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<2.63E-01	0.00E+00	2.63E-01
K-40	6.62E-01	3.72E-01	4.80E-01

Sample ID: 614502 Sample Dates: 6/24/2024 - 7/1/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.97E-02	0.00E+00	3.97E-02
Cs-134	<2.93E-02	0.00E+00	2.93E-02
Cs-137	<2.50E-02	0.00E+00	2.50E-02
Be-7	<2.03E-01	0.00E+00	2.03E-01
K-40	2.05E-01	2.76E-01	4.55E-01

Sample ID: 614719 Sample Dates: 7/1/2024 - 7/8/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.19E-02	0.00E+00	4.19E-02
Cs-134	<2.89E-02	0.00E+00	2.89E-02
Cs-137	<2.48E-02	0.00E+00	2.48E-02
Be-7	<2.06E-01	0.00E+00	2.06E-01
K-40	7.10E-01	3.73E-01	4.60E-01

Sample ID: 615110 Sample Dates: 7/8/2024 - 7/15/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.91E-02	0.00E+00	4.91E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.66E-02	0.00E+00	2.66E-02
Be-7	<1.99E-01	0.00E+00	1.99E-01
K-40	<7.11E-01	0.00E+00	7.11E-01

Sample ID: 615919 Sample Dates: 7/15/2024 - 7/22/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.37E-02	0.00E+00	4.37E-02
Cs-134	<2.87E-02	0.00E+00	2.87E-02
Cs-137	<3.12E-02	0.00E+00	3.12E-02
Be-7	<2.57E-01	0.00E+00	2.57E-01
K-40	8.62E-01	3.22E-01	7.79E-02

Sample ID: 616383 Sample Dates: 7/22/2024 - 7/29/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.48E-02	0.00E+00	3.48E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	4.17E-01	2.78E-01	3.57E-01

Sample ID: 616655 Sample Dates: 7/29/2024 - 8/5/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.17E-02	0.00E+00	5.17E-02
Cs-134	<3.69E-02	0.00E+00	3.69E-02
Cs-137	<2.72E-02	0.00E+00	2.72E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	7.23E-01	2.89E-01	7.54E-02

HARRIS Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 4 [INDICATOR - NNE @ 3.1 miles]

Sample ID: 617049 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.39E-02	0.00E+00	4.39E-02
Cs-134	<3.30E-02	0.00E+00	3.30E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.09E-01	0.00E+00	2.09E-01
K-40	6.46E-01	3.25E-01	3.36E-01

Sample ID: 617534 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.57E-02	0.00E+00	4.57E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.54E-01	0.00E+00	2.54E-01
K-40	7.25E-01	3.55E-01	4.08E-01

Sample ID: 618028 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.56E-02	0.00E+00	4.56E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.00E-02	0.00E+00	2.00E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	9.02E-01	3.90E-01	4.25E-01

Sample ID: 618208 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.27E-02	0.00E+00	4.27E-02
Cs-134	<2.42E-02	0.00E+00	2.42E-02
Cs-137	<2.87E-02	0.00E+00	2.87E-02
Be-7	<1.91E-01	0.00E+00	1.91E-01
K-40	<5.72E-01	0.00E+00	5.72E-01

Sample ID: 618438 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.12E-02	0.00E+00	5.12E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.98E-01	0.00E+00	2.98E-01
K-40	9.10E-01	4.04E-01	3.90E-01

Sample ID: 619515 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.56E-02	0.00E+00	3.56E-02
Cs-134	<3.61E-02	0.00E+00	3.61E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.59E-01	0.00E+00	2.59E-01
K-40	5.04E-01	3.29E-01	4.43E-01

Sample ID: 619794 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.30E-02	0.00E+00	4.30E-02
Cs-134	<2.89E-02	0.00E+00	2.89E-02
Cs-137	<1.39E-02	0.00E+00	1.39E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	9.31E-01	3.62E-01	3.00E-01

Sample ID: 620177 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.10E-02	0.00E+00	4.10E-02
Cs-134	<3.17E-02	0.00E+00	3.17E-02
Cs-137	<3.27E-02	0.00E+00	3.27E-02
Be-7	<2.17E-01	0.00E+00	2.17E-01
K-40	7.18E-01	3.65E-01	4.43E-01

Sample ID: 620382 **Sample Dates: 9/30/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.71E-02	0.00E+00	4.71E-02
Cs-134	<3.50E-02	0.00E+00	3.50E-02
Cs-137	<3.29E-02	0.00E+00	3.29E-02
Be-7	<2.70E-01	0.00E+00	2.70E-01
K-40	6.96E-01	2.90E-01	7.86E-02

Sample ID: 620682 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.28E-02	0.00E+00	4.28E-02
Cs-134	<3.34E-02	0.00E+00	3.34E-02
Cs-137	<2.53E-02	0.00E+00	2.53E-02
Be-7	<2.02E-01	0.00E+00	2.02E-01
K-40	4.72E-01	2.66E-01	2.92E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 4 [INDICATOR - NNE @ 3.1 miles]

Sample ID:	621255	Sample Dates: 10/14/2024 - 10/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.55E-02	0.00E+00	4.55E-02
			Cs-134	<3.37E-02	0.00E+00	3.37E-02
			Cs-137	<2.88E-02	0.00E+00	2.88E-02
			Be-7	<2.75E-01	0.00E+00	2.75E-01
			K-40	8.04E-01	3.40E-01	2.91E-01
Sample ID:	**621649**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.33E-02	0.00E+00	4.33E-02
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<2.73E-02	0.00E+00	2.73E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	6.71E-01	3.40E-01	3.95E-01
Sample ID:	**621999**	**Sample Dates: 10/28/2024 - 11/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.39E-02	0.00E+00	5.39E-02
			Cs-134	<2.56E-02	0.00E+00	2.56E-02
			Cs-137	<2.20E-02	0.00E+00	2.20E-02
			Be-7	<1.75E-01	0.00E+00	1.75E-01
			K-40	5.79E-01	2.99E-01	3.27E-01
Sample ID:	**622266**	**Sample Dates: 11/4/2024 - 11/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.21E-02	0.00E+00	6.21E-02
			Cs-134	<3.91E-02	0.00E+00	3.91E-02
			Cs-137	<3.00E-02	0.00E+00	3.00E-02
			Be-7	<2.64E-01	0.00E+00	2.64E-01
			K-40	1.54E+00	4.78E-01	5.06E-01
Sample ID:	**622632**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.49E-02	0.00E+00	3.49E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	7.61E-01	3.54E-01	3.81E-01
Sample ID:	**622912**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.24E-02	0.00E+00	5.24E-02
			Cs-134	<2.98E-02	0.00E+00	2.98E-02
			Cs-137	<2.86E-02	0.00E+00	2.86E-02
			Be-7	<2.76E-01	0.00E+00	2.76E-01
			K-40	<6.95E-01	0.00E+00	6.95E-01
Sample ID:	**623236**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.73E-02	0.00E+00	3.73E-02
			Cs-134	<2.68E-02	0.00E+00	2.68E-02
			Cs-137	<2.50E-02	0.00E+00	2.50E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	5.93E-01	3.61E-01	4.78E-01
Sample ID:	**624068**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.89E-02	0.00E+00	3.89E-02
			Cs-134	<4.09E-02	0.00E+00	4.09E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	<6.26E-01	0.00E+00	6.26E-01
Sample ID:	**624603**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.63E-02	0.00E+00	4.63E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	<7.13E-01	0.00E+00	7.13E-01
Sample ID:	**624810**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.66E-02	0.00E+00	5.66E-02
			Cs-134	<3.19E-02	0.00E+00	3.19E-02
			Cs-137	<2.17E-02	0.00E+00	2.17E-02
			Be-7	<2.81E-01	0.00E+00	2.81E-01
			K-40	<6.95E-01	0.00E+00	6.95E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 4 [INDICATOR - NNE @ 3.1 miles]

Sample ID:	625025	Sample Dates: 12/23/2024 - 12/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.28E-02	0.00E+00	6.28E-02
			Cs-134	<1.90E-02	0.00E+00	1.90E-02
			Cs-137	<1.53E-02	0.00E+00	1.53E-02
			Be-7	<1.64E-01	0.00E+00	1.64E-01
			K-40	7.79E-01	2.57E-01	2.34E-01

Sample Point 5 [CONTROL - WNW @ 13.3 miles]

Sample ID:	602965	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.16E-02	0.00E+00	5.16E-02
			Cs-134	<3.53E-02	0.00E+00	3.53E-02
			Cs-137	<2.57E-02	0.00E+00	2.57E-02
			Be-7	<2.76E-01	0.00E+00	2.76E-01
			K-40	<1.03E+00	0.00E+00	1.03E+00
Sample ID:	**603869**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.66E-02	0.00E+00	3.66E-02
			Cs-134	<2.31E-02	0.00E+00	2.31E-02
			Cs-137	<2.15E-02	0.00E+00	2.15E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	6.23E-01	2.92E-01	3.03E-01
Sample ID:	**603978**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.12E-02	0.00E+00	5.12E-02
			Cs-134	<4.32E-02	0.00E+00	4.32E-02
			Cs-137	<2.99E-02	0.00E+00	2.99E-02
			Be-7	<2.98E-01	0.00E+00	2.98E-01
			K-40	8.48E-01	3.39E-01	8.83E-02
Sample ID:	**604225**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.26E-02	0.00E+00	4.26E-02
			Cs-134	<2.05E-02	0.00E+00	2.05E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	<8.06E-01	0.00E+00	8.06E-01
Sample ID:	**604539**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.97E-02	0.00E+00	3.97E-02
			Cs-134	<2.83E-02	0.00E+00	2.83E-02
			Cs-137	<2.42E-02	0.00E+00	2.42E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	8.80E-01	3.23E-01	7.69E-02
Sample ID:	**604820**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.54E-02	0.00E+00	4.54E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<3.10E-02	0.00E+00	3.10E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	8.15E-01	3.60E-01	3.75E-01
Sample ID:	**605147**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.09E-02	0.00E+00	4.09E-02
			Cs-134	<3.02E-02	0.00E+00	3.02E-02
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	8.16E-01	3.38E-01	3.00E-01
Sample ID:	**606272**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.27E-02	0.00E+00	4.27E-02
			Cs-134	<3.50E-02	0.00E+00	3.50E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	8.70E-01	3.25E-01	7.86E-02
Sample ID:	**607153**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.72E-02	0.00E+00	3.72E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.24E-02	0.00E+00	2.24E-02

Sample ID:	607153	Sample Dates: 2/26/2024 - 3/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<1.83E-01	0.00E+00	1.83E-01
			K-40	5.98E-01	3.40E-01	4.27E-01
Sample ID:	**607686**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.57E-02	0.00E+00	4.57E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	<6.71E-01	0.00E+00	6.71E-01
Sample ID:	**608926**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.24E-02	0.00E+00	5.24E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.63E-01	0.00E+00	2.63E-01
			K-40	6.54E-01	2.78E-01	7.71E-02
Sample ID:	**609337**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.29E-02	0.00E+00	4.29E-02
			Cs-134	<3.30E-02	0.00E+00	3.30E-02
			Cs-137	<2.99E-02	0.00E+00	2.99E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	7.52E-01	3.62E-01	4.09E-01
Sample ID:	**609526**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.31E-02	0.00E+00	2.31E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<1.44E-02	0.00E+00	1.44E-02
			Be-7	<9.74E-02	0.00E+00	9.74E-02
			K-40	<6.09E-01	0.00E+00	6.09E-01
Sample ID:	**609970**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.87E-02	0.00E+00	4.87E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	5.14E-01	3.17E-01	4.09E-01
Sample ID:	**610498**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.99E-02	0.00E+00	4.99E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<1.96E-01	0.00E+00	1.96E-01
			K-40	8.79E-01	3.76E-01	3.94E-01
Sample ID:	**611035**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.29E-02	0.00E+00	4.29E-02
			Cs-134	<3.51E-02	0.00E+00	3.51E-02
			Cs-137	<3.00E-02	0.00E+00	3.00E-02
			Be-7	4.89E-02	1.32E-01	2.35E-01
			K-40	<6.99E-01	0.00E+00	6.99E-01
Sample ID:	**611205**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.07E-02	0.00E+00	4.07E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<1.73E-02	0.00E+00	1.73E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	<8.06E-01	0.00E+00	8.06E-01
Sample ID:	**611544**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.77E-02	0.00E+00	4.77E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.85E-01	0.00E+00	2.85E-01
			K-40	6.44E-01	3.23E-01	3.57E-01
Sample ID:	**611790**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.86E-02	0.00E+00	3.86E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 5 [CONTROL - WNW @ 13.3 miles]

Sample ID:	611790	Sample Dates: 5/6/2024 - 5/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.02E-01	0.00E+00	2.02E-01
			K-40	<6.20E-01	0.00E+00	6.20E-01
Sample ID:	**612301**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.62E-02	0.00E+00	4.62E-02
			Cs-134	<2.88E-02	0.00E+00	2.88E-02
			Cs-137	<2.65E-02	0.00E+00	2.65E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	<7.51E-01	0.00E+00	7.51E-01
Sample ID:	**612569**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.68E-02	0.00E+00	3.68E-02
			Cs-134	<3.17E-02	0.00E+00	3.17E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<1.79E-01	0.00E+00	1.79E-01
			K-40	4.00E-01	2.02E-01	6.77E-02
Sample ID:	**612742**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.12E-02	0.00E+00	4.12E-02
			Cs-134	<4.12E-02	0.00E+00	4.12E-02
			Cs-137	<2.98E-02	0.00E+00	2.98E-02
			Be-7	<2.86E-01	0.00E+00	2.86E-01
			K-40	5.03E-01	2.89E-01	3.01E-01
Sample ID:	**613574**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.03E-02	0.00E+00	5.03E-02
			Cs-134	<3.62E-02	0.00E+00	3.62E-02
			Cs-137	<3.37E-02	0.00E+00	3.37E-02
			Be-7	<2.66E-01	0.00E+00	2.66E-01
			K-40	4.75E-01	2.94E-01	3.68E-01
Sample ID:	**614095**	**Sample Dates: 6/10/2024 - 6/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.51E-02	0.00E+00	3.51E-02
			Cs-134	<3.31E-02	0.00E+00	3.31E-02
			Cs-137	<2.99E-02	0.00E+00	2.99E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	8.11E-01	3.13E-01	7.85E-02
Sample ID:	**614331**	**Sample Dates: 6/17/2024 - 6/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.66E-02	0.00E+00	3.66E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<1.95E-01	0.00E+00	1.95E-01
			K-40	9.96E-01	3.46E-01	7.71E-02
Sample ID:	**614503**	**Sample Dates: 6/24/2024 - 7/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.94E-02	0.00E+00	3.94E-02
			Cs-134	<3.35E-02	0.00E+00	3.35E-02
			Cs-137	<2.37E-02	0.00E+00	2.37E-02
			Be-7	<2.23E-01	0.00E+00	2.23E-01
			K-40	<7.08E-01	0.00E+00	7.08E-01
Sample ID:	**614720**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.72E-02	0.00E+00	4.72E-02
			Cs-134	<3.49E-02	0.00E+00	3.49E-02
			Cs-137	<2.47E-02	0.00E+00	2.47E-02
			Be-7	<2.84E-01	0.00E+00	2.84E-01
			K-40	<8.04E-01	0.00E+00	8.04E-01
Sample ID:	**615111**	**Sample Dates: 7/8/2024 - 7/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.12E-02	0.00E+00	4.12E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	7.95E-01	3.07E-01	7.69E-02

Sample ID:	615920	Sample Dates: 7/15/2024 - 7/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.28E-02	0.00E+00	4.28E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	3.85E-01	2.49E-01	2.89E-01

Sample ID:	616384	Sample Dates: 7/22/2024 - 7/29/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.96E-02	0.00E+00	4.96E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	4.53E-01	2.83E-01	3.50E-01

Sample ID:	616656	Sample Dates: 7/29/2024 - 8/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.72E-02	0.00E+00	4.72E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<2.75E-02	0.00E+00	2.75E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	4.36E-01	2.95E-01	3.91E-01

Sample ID:	617050	Sample Dates: 8/5/2024 - 8/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.07E-02	0.00E+00	4.07E-02
			Cs-134	<3.21E-02	0.00E+00	3.21E-02
			Cs-137	<2.34E-02	0.00E+00	2.34E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	8.71E-01	3.59E-01	3.15E-01

Sample ID:	617535	Sample Dates: 8/12/2024 - 8/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.09E-02	0.00E+00	4.09E-02
			Cs-134	<2.66E-02	0.00E+00	2.66E-02
			Cs-137	<3.44E-02	0.00E+00	3.44E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	9.08E-01	3.89E-01	4.09E-01

Sample ID:	618029	Sample Dates: 8/19/2024 - 8/26/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.76E-02	0.00E+00	3.76E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	7.69E-01	3.02E-01	7.71E-02

Sample ID:	618209	Sample Dates: 8/26/2024 - 9/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.62E-02	0.00E+00	3.62E-02
			Cs-134	<1.74E-02	0.00E+00	1.74E-02
			Cs-137	<2.10E-02	0.00E+00	2.10E-02
			Be-7	<2.08E-01	0.00E+00	2.08E-01
			K-40	8.03E-01	3.41E-01	3.67E-01

Sample ID:	618439	Sample Dates: 9/3/2024 - 9/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.74E-02	0.00E+00	5.74E-02
			Cs-134	<4.49E-02	0.00E+00	4.49E-02
			Cs-137	<2.89E-02	0.00E+00	2.89E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	6.55E-01	3.73E-01	4.52E-01

Sample ID:	619516	Sample Dates: 9/9/2024 - 9/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.11E-02	0.00E+00	4.11E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	9.16E-01	3.57E-01	2.95E-01

Sample ID:	619795	Sample Dates: 9/16/2024 - 9/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.04E-02	0.00E+00	4.04E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	7.19E-01	3.18E-01	2.86E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 5 [CONTROL - WNW @ 13.3 miles]

Sample ID:	620178	Sample Dates: 9/23/2024 - 9/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.05E-02	0.00E+00	4.05E-02
			Cs-134	<3.39E-02	0.00E+00	3.39E-02
			Cs-137	<2.74E-02	0.00E+00	2.74E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	5.93E-01	2.94E-01	2.96E-01
Sample ID:	**620383**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.90E-02	0.00E+00	3.90E-02
			Cs-134	<3.54E-02	0.00E+00	3.54E-02
			Cs-137	<2.69E-02	0.00E+00	2.69E-02
			Be-7	<1.88E-01	0.00E+00	1.88E-01
			K-40	8.02E-01	3.66E-01	3.91E-01
Sample ID:	**620683**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.41E-02	0.00E+00	4.41E-02
			Cs-134	<2.26E-02	0.00E+00	2.26E-02
			Cs-137	<2.69E-02	0.00E+00	2.69E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	4.23E-01	3.11E-01	4.39E-01
Sample ID:	**621256**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<2.42E-02	0.00E+00	2.42E-02
			Cs-137	<3.35E-02	0.00E+00	3.35E-02
			Be-7	<2.83E-01	0.00E+00	2.83E-01
			K-40	7.39E-01	3.65E-01	4.20E-01
Sample ID:	**621650**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.93E-02	0.00E+00	3.93E-02
			Cs-134	<3.14E-02	0.00E+00	3.14E-02
			Cs-137	<2.55E-02	0.00E+00	2.55E-02
			Be-7	<1.86E-01	0.00E+00	1.86E-01
			K-40	7.39E-01	3.05E-01	2.79E-01
Sample ID:	**622000**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<1.72E-01	0.00E+00	1.72E-01
			K-40	7.79E-01	3.33E-01	2.96E-01
Sample ID:	**622267**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.93E-02	0.00E+00	3.93E-02
			Cs-134	<3.69E-02	0.00E+00	3.69E-02
			Cs-137	<2.84E-02	0.00E+00	2.84E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	<7.15E-01	0.00E+00	7.15E-01
Sample ID:	**622633**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.08E-02	0.00E+00	4.08E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	7.08E-01	3.61E-01	4.33E-01
Sample ID:	**622913**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.05E-02	0.00E+00	6.05E-02
			Cs-134	<2.26E-02	0.00E+00	2.26E-02
			Cs-137	<3.12E-02	0.00E+00	3.12E-02
			Be-7	<2.67E-01	0.00E+00	2.67E-01
			K-40	4.95E-01	2.37E-01	7.45E-02
Sample ID:	**623237**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.58E-02	0.00E+00	4.58E-02
			Cs-134	<3.38E-02	0.00E+00	3.38E-02
			Cs-137	<2.89E-02	0.00E+00	2.89E-02
			Be-7	<2.86E-01	0.00E+00	2.86E-01
			K-40	4.81E-01	2.90E-01	3.46E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 5 [CONTROL - WNW @ 13.3 miles]

Sample ID:	624069	Sample Dates: 12/2/2024 - 12/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.21E-02	0.00E+00	4.21E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	9.13E-01	3.31E-01	7.73E-02
Sample ID:	624604	Sample Dates: 12/9/2024 - 12/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.17E-02	0.00E+00	4.17E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<1.96E-01	0.00E+00	1.96E-01
			K-40	8.64E-01	3.70E-01	3.80E-01
Sample ID:	624811	Sample Dates: 12/16/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.82E-02	0.00E+00	5.82E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<1.90E-01	0.00E+00	1.90E-01
			K-40	5.65E-01	3.40E-01	4.64E-01
Sample ID:	625026	Sample Dates: 12/23/2024 - 12/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.21E-02	0.00E+00	6.21E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.11E-02	0.00E+00	2.11E-02
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	5.90E-01	2.74E-01	2.88E-01

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	602963	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.14E-02	0.00E+00	5.14E-02
			Cs-134	<4.02E-02	0.00E+00	4.02E-02
			Cs-137	<3.05E-02	0.00E+00	3.05E-02
			Be-7	<2.50E-01	0.00E+00	2.50E-01
			K-40	<7.83E-01	0.00E+00	7.83E-01
Sample ID:	603867	Sample Dates: 1/8/2024 - 1/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<1.79E-01	0.00E+00	1.79E-01
			K-40	7.09E-01	3.28E-01	3.68E-01
Sample ID:	603976	Sample Dates: 1/16/2024 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.44E-02	0.00E+00	5.44E-02
			Cs-134	<2.98E-02	0.00E+00	2.98E-02
			Cs-137	<3.54E-02	0.00E+00	3.54E-02
			Be-7	<3.06E-01	0.00E+00	3.06E-01
			K-40	1.01E+00	4.08E-01	3.66E-01
Sample ID:	604223	Sample Dates: 1/22/2024 - 1/29/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<2.26E-02	0.00E+00	2.26E-02
			Be-7	<1.74E-01	0.00E+00	1.74E-01
			K-40	7.02E-01	3.50E-01	4.01E-01
Sample ID:	604537	Sample Dates: 1/29/2024 - 2/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.16E-02	0.00E+00	4.16E-02
			Cs-134	<3.76E-02	0.00E+00	3.76E-02
			Cs-137	<1.99E-02	0.00E+00	1.99E-02
			Be-7	<2.78E-01	0.00E+00	2.78E-01
			K-40	9.62E-01	3.68E-01	3.14E-01
Sample ID:	604818	Sample Dates: 2/5/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.87E-02	0.00E+00	3.87E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02

Sample ID:	604818	Sample Dates: 2/5/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.45E-01	0.00E+00	2.45E-01
			K-40	7.49E-01	3.27E-01	2.95E-01
Sample ID:	**605145**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.52E-02	0.00E+00	4.52E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<3.32E-02	0.00E+00	3.32E-02
			Be-7	<1.46E-01	0.00E+00	1.46E-01
			K-40	9.91E-01	3.64E-01	2.78E-01
Sample ID:	**606270**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<2.26E-02	0.00E+00	2.26E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	<8.16E-01	0.00E+00	8.16E-01
Sample ID:	**607151**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.71E-02	0.00E+00	3.71E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.66E-01	0.00E+00	2.66E-01
			K-40	1.19E+00	3.80E-01	7.70E-02
Sample ID:	**607684**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.70E-02	0.00E+00	4.70E-02
			Cs-134	<3.62E-02	0.00E+00	3.62E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	9.13E-01	3.31E-01	7.73E-02
Sample ID:	**608924**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.64E-02	0.00E+00	4.64E-02
			Cs-134	<2.80E-02	0.00E+00	2.80E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<1.59E-01	0.00E+00	1.59E-01
			K-40	<6.46E-01	0.00E+00	6.46E-01
Sample ID:	**609335**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.26E-02	0.00E+00	4.26E-02
			Cs-134	<2.92E-02	0.00E+00	2.92E-02
			Cs-137	<2.29E-02	0.00E+00	2.29E-02
			Be-7	<1.98E-01	0.00E+00	1.98E-01
			K-40	6.43E-01	2.79E-01	7.92E-02
Sample ID:	**609524**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.02E-02	0.00E+00	3.02E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<1.68E-02	0.00E+00	1.68E-02
			Be-7	<1.76E-01	0.00E+00	1.76E-01
			K-40	<5.26E-01	0.00E+00	5.26E-01
Sample ID:	**609968**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.79E-02	0.00E+00	4.79E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.51E-01	0.00E+00	2.51E-01
			K-40	<6.70E-01	0.00E+00	6.70E-01
Sample ID:	**610496**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.88E-02	0.00E+00	4.88E-02
			Cs-134	<2.69E-02	0.00E+00	2.69E-02
			Cs-137	<3.19E-02	0.00E+00	3.19E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	<6.45E-01	0.00E+00	6.45E-01
Sample ID:	**611033**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.70E-02	0.00E+00	3.70E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	611033	Sample Dates: 4/15/2024 - 4/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<1.62E-02	0.00E+00	1.62E-02
			Cs-137	<2.03E-02	0.00E+00	2.03E-02
			Be-7	<2.63E-01	0.00E+00	2.63E-01
			K-40	5.81E-01	2.97E-01	3.07E-01
Sample ID:	**611203**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.61E-02	0.00E+00	4.61E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	6.91E-01	3.13E-01	2.87E-01
Sample ID:	**611542**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.46E-02	0.00E+00	4.46E-02
			Cs-134	<3.43E-02	0.00E+00	3.43E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	6.68E-01	3.01E-01	2.59E-01
Sample ID:	**611788**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.00E-02	0.00E+00	5.00E-02
			Cs-134	<3.76E-02	0.00E+00	3.76E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<1.71E-01	0.00E+00	1.71E-01
			K-40	7.17E-01	3.43E-01	3.78E-01
Sample ID:	**612299**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.37E-02	0.00E+00	3.37E-02
			Cs-134	<3.10E-02	0.00E+00	3.10E-02
			Cs-137	<3.27E-02	0.00E+00	3.27E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	<7.51E-01	0.00E+00	7.51E-01
Sample ID:	**612567**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.52E-02	0.00E+00	3.52E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<1.87E-01	0.00E+00	1.87E-01
			K-40	5.52E-01	2.66E-01	2.63E-01
Sample ID:	**612740**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.67E-02	0.00E+00	4.67E-02
			Cs-134	<2.66E-02	0.00E+00	2.66E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	9.75E-01	3.64E-01	8.81E-02
Sample ID:	**613572**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.74E-02	0.00E+00	4.74E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<2.08E-01	0.00E+00	2.08E-01
			K-40	4.71E-01	2.61E-01	2.65E-01
Sample ID:	**614093**	**Sample Dates: 6/10/2024 - 6/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.53E-02	0.00E+00	4.53E-02
			Cs-134	<3.31E-02	0.00E+00	3.31E-02
			Cs-137	<2.26E-02	0.00E+00	2.26E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	7.11E-01	3.13E-01	2.61E-01
Sample ID:	**614329**	**Sample Dates: 6/17/2024 - 6/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.15E-02	0.00E+00	4.15E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.23E-01	0.00E+00	2.23E-01
			K-40	8.57E-01	3.48E-01	3.02E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	614501	Sample Dates: 6/24/2024 - 7/1/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.73E-02	0.00E+00	3.73E-02
			Cs-134	<2.95E-02	0.00E+00	2.95E-02
			Cs-137	<1.66E-02	0.00E+00	1.66E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	5.21E-01	3.22E-01	4.22E-01
Sample ID:	**614718**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.76E-02	0.00E+00	4.76E-02
			Cs-134	<3.69E-02	0.00E+00	3.69E-02
			Cs-137	<3.16E-02	0.00E+00	3.16E-02
			Be-7	<2.08E-01	0.00E+00	2.08E-01
			K-40	6.84E-01	3.44E-01	3.90E-01
Sample ID:	**615109**	**Sample Dates: 7/8/2024 - 7/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.79E-02	0.00E+00	4.79E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	4.51E-01	3.29E-01	4.64E-01
Sample ID:	**615918**	**Sample Dates: 7/15/2024 - 7/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.94E-02	0.00E+00	3.94E-02
			Cs-134	<2.62E-02	0.00E+00	2.62E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.57E-01	0.00E+00	2.57E-01
			K-40	8.38E-01	3.42E-01	2.88E-01
Sample ID:	**616382**	**Sample Dates: 7/22/2024 - 7/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	6.95E-01	3.12E-01	2.79E-01
Sample ID:	**616654**	**Sample Dates: 7/29/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.97E-02	0.00E+00	4.97E-02
			Cs-134	<3.02E-02	0.00E+00	3.02E-02
			Cs-137	<2.36E-02	0.00E+00	2.36E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	7.20E-01	3.79E-01	4.62E-01
Sample ID:	**617048**	**Sample Dates: 8/5/2024 - 8/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.62E-02	0.00E+00	3.62E-02
			Cs-134	<3.10E-02	0.00E+00	3.10E-02
			Cs-137	<2.98E-02	0.00E+00	2.98E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	9.81E-01	3.75E-01	3.18E-01
Sample ID:	**617533**	**Sample Dates: 8/12/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.22E-02	0.00E+00	4.22E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.54E-01	0.00E+00	2.54E-01
			K-40	5.79E-01	3.38E-01	4.29E-01
Sample ID:	**618027**	**Sample Dates: 8/19/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.68E-02	0.00E+00	3.68E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	5.13E-01	2.45E-01	7.72E-02
Sample ID:	**618207**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.36E-02	0.00E+00	3.36E-02
			Cs-134	<2.22E-02	0.00E+00	2.22E-02
			Cs-137	<1.70E-02	0.00E+00	1.70E-02
			Be-7	<1.67E-01	0.00E+00	1.67E-01
			K-40	6.07E-01	3.02E-01	3.50E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	618437	Sample Dates: 9/3/2024 - 9/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.81E-02	0.00E+00	4.81E-02
			Cs-134	<2.77E-02	0.00E+00	2.77E-02
			Cs-137	<3.99E-02	0.00E+00	3.99E-02
			Be-7	<3.00E-01	0.00E+00	3.00E-01
			K-40	8.14E-01	4.17E-01	4.94E-01
Sample ID:	**619514**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.21E-02	0.00E+00	4.21E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.85E-01	0.00E+00	2.85E-01
			K-40	5.93E-01	3.38E-01	4.23E-01
Sample ID:	**619793**	**Sample Dates: 9/16/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<3.66E-02	0.00E+00	3.66E-02
			Cs-137	<2.46E-02	0.00E+00	2.46E-02
			Be-7	1.38E-01	1.11E-01	1.54E-01
			K-40	7.60E-01	3.55E-01	3.85E-01
Sample ID:	**620176**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.08E-02	0.00E+00	4.08E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.75E-02	0.00E+00	2.75E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	9.74E-01	4.01E-01	4.27E-01
Sample ID:	**620381**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<2.62E-02	0.00E+00	2.62E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	7.41E-01	3.42E-01	3.56E-01
Sample ID:	**620681**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.12E-02	0.00E+00	5.12E-02
			Cs-134	<2.27E-02	0.00E+00	2.27E-02
			Cs-137	<3.00E-02	0.00E+00	3.00E-02
			Be-7	<2.84E-01	0.00E+00	2.84E-01
			K-40	8.84E-01	3.20E-01	7.48E-02
Sample ID:	**621254**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<2.08E-02	0.00E+00	2.08E-02
			Cs-137	<2.52E-02	0.00E+00	2.52E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	6.88E-01	3.47E-01	3.93E-01
Sample ID:	**621648**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.03E-02	0.00E+00	5.03E-02
			Cs-134	<1.59E-02	0.00E+00	1.59E-02
			Cs-137	<3.34E-02	0.00E+00	3.34E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	8.29E-01	3.37E-01	2.83E-01
Sample ID:	**621998**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.11E-02	0.00E+00	4.11E-02
			Cs-134	<1.61E-02	0.00E+00	1.61E-02
			Cs-137	<2.81E-02	0.00E+00	2.81E-02
			Be-7	<2.54E-01	0.00E+00	2.54E-01
			K-40	6.81E-01	3.85E-01	5.04E-01
Sample ID:	**622265**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<1.94E-01	0.00E+00	1.94E-01
			K-40	6.92E-01	3.11E-01	2.80E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	622631	Sample Dates: 11/11/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.54E-02	0.00E+00	4.54E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.79E-01	0.00E+00	2.79E-01
			K-40	6.68E-01	3.35E-01	3.78E-01
Sample ID:	**622911**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.13E-02	0.00E+00	5.13E-02
			Cs-134	<3.23E-02	0.00E+00	3.23E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	8.63E-01	3.36E-01	2.50E-01
Sample ID:	**623235**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.69E-02	0.00E+00	3.69E-02
			Cs-134	<2.87E-02	0.00E+00	2.87E-02
			Cs-137	<2.81E-02	0.00E+00	2.81E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	8.00E-01	3.46E-01	3.32E-01
Sample ID:	**624067**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.08E-02	0.00E+00	4.08E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	9.79E-01	3.65E-01	2.83E-01
Sample ID:	**624602**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.91E-02	0.00E+00	3.91E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	4.94E-01	3.35E-01	4.62E-01
Sample ID:	**624809**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.26E-02	0.00E+00	6.26E-02
			Cs-134	<3.01E-02	0.00E+00	3.01E-02
			Cs-137	<2.38E-02	0.00E+00	2.38E-02
			Be-7	<3.30E-01	0.00E+00	3.30E-01
			K-40	4.40E-01	2.59E-01	2.88E-01
Sample ID:	**625024**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.90E-02	0.00E+00	5.90E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<2.82E-02	0.00E+00	2.82E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	1.01E+00	4.03E-01	4.08E-01

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID:	602966	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.33E-02	0.00E+00	5.33E-02
			Cs-134	<4.02E-02	0.00E+00	4.02E-02
			Cs-137	<3.43E-02	0.00E+00	3.43E-02
			Be-7	<2.80E-01	0.00E+00	2.80E-01
			K-40	<6.49E-01	0.00E+00	6.49E-01
Sample ID:	**603870**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.51E-02	0.00E+00	3.51E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<1.79E-01	0.00E+00	1.79E-01
			K-40	5.15E-01	2.74E-01	3.13E-01
Sample ID:	**603979**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.94E-02	0.00E+00	4.94E-02
			Cs-134	<3.13E-02	0.00E+00	3.13E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02

Sample ID:	603979	Sample Dates: 1/16/2024 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<3.02E-01	0.00E+00	3.02E-01
			K-40	7.51E-01	3.92E-01	4.75E-01
Sample ID:	**604226**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.70E-02	0.00E+00	4.70E-02
			Cs-134	<3.22E-02	0.00E+00	3.22E-02
			Cs-137	<3.55E-02	0.00E+00	3.55E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	6.61E-01	2.87E-01	8.14E-02
Sample ID:	**604540**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.45E-01	0.00E+00	2.45E-01
			K-40	<7.54E-01	0.00E+00	7.54E-01
Sample ID:	**604821**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.73E-01	0.00E+00	2.73E-01
			K-40	<7.28E-01	0.00E+00	7.28E-01
Sample ID:	**605148**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.86E-02	0.00E+00	3.86E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<2.49E-02	0.00E+00	2.49E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	6.60E-01	3.24E-01	3.62E-01
Sample ID:	**606273**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.83E-02	0.00E+00	3.83E-02
			Cs-134	<2.12E-02	0.00E+00	2.12E-02
			Cs-137	<3.25E-02	0.00E+00	3.25E-02
			Be-7	<2.50E-01	0.00E+00	2.50E-01
			K-40	7.55E-01	3.36E-01	3.09E-01
Sample ID:	**607154**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.24E-02	0.00E+00	4.24E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<7.00E-01	0.00E+00	7.00E-01
Sample ID:	**607687**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.72E-02	0.00E+00	3.72E-02
			Be-7	<2.70E-01	0.00E+00	2.70E-01
			K-40	8.53E-01	3.19E-01	7.71E-02
Sample ID:	**608927**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.44E-02	0.00E+00	4.44E-02
			Cs-134	<2.69E-02	0.00E+00	2.69E-02
			Cs-137	<2.30E-02	0.00E+00	2.30E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	6.39E-01	3.14E-01	3.45E-01
Sample ID:	**609338**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.39E-02	0.00E+00	4.39E-02
			Cs-134	<2.76E-02	0.00E+00	2.76E-02
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	<8.91E-01	0.00E+00	8.91E-01
Sample ID:	**609527**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.08E-02	0.00E+00	2.08E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID: 609527 Sample Dates: 3/25/2024 - 4/1/2024

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<2.29E-02	0.00E+00	2.29E-02
Cs-137	<2.31E-02	0.00E+00	2.31E-02
Be-7	<1.19E-01	0.00E+00	1.19E-01
K-40	<6.19E-01	0.00E+00	6.19E-01

Sample ID: 609971 Sample Dates: 4/1/2024 - 4/8/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.85E-02	0.00E+00	4.85E-02
Cs-134	<3.95E-02	0.00E+00	3.95E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	7.50E-01	3.54E-01	3.92E-01

Sample ID: 610499 Sample Dates: 4/8/2024 - 4/15/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.26E-02	0.00E+00	4.26E-02
Cs-134	<1.93E-02	0.00E+00	1.93E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<2.89E-01	0.00E+00	2.89E-01
K-40	1.14E+00	3.90E-01	3.03E-01

Sample ID: 611036 Sample Dates: 4/15/2024 - 4/22/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.13E-02	0.00E+00	4.13E-02
Cs-134	<2.98E-02	0.00E+00	2.98E-02
Cs-137	<2.54E-02	0.00E+00	2.54E-02
Be-7	<2.86E-01	0.00E+00	2.86E-01
K-40	1.02E+00	3.85E-01	3.15E-01

Sample ID: 611206 Sample Dates: 4/22/2024 - 4/29/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.71E-02	0.00E+00	3.71E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.30E-01	0.00E+00	2.30E-01
K-40	6.69E-01	3.04E-01	2.69E-01

Sample ID: 611545 Sample Dates: 4/29/2024 - 5/6/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.35E-02	0.00E+00	4.35E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<1.93E-01	0.00E+00	1.93E-01
K-40	7.12E-01	2.90E-01	7.72E-02

Sample ID: 611791 Sample Dates: 5/6/2024 - 5/13/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.43E-02	0.00E+00	4.43E-02
Cs-134	<3.90E-02	0.00E+00	3.90E-02
Cs-137	<2.81E-02	0.00E+00	2.81E-02
Be-7	<2.12E-01	0.00E+00	2.12E-01
K-40	7.90E-01	3.54E-01	3.85E-01

Sample ID: 612302 Sample Dates: 5/13/2024 - 5/20/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.36E-02	0.00E+00	3.36E-02
Cs-134	<2.45E-02	0.00E+00	2.45E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<2.94E-01	0.00E+00	2.94E-01
K-40	1.08E+00	3.69E-01	8.12E-02

Sample ID: 612570 Sample Dates: 5/20/2024 - 5/28/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.55E-02	0.00E+00	3.55E-02
Cs-134	<2.49E-02	0.00E+00	2.49E-02
Cs-137	<1.95E-02	0.00E+00	1.95E-02
Be-7	<1.87E-01	0.00E+00	1.87E-01
K-40	5.81E-01	2.96E-01	3.40E-01

Sample ID: 612743 Sample Dates: 5/28/2024 - 6/3/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.00E-02	0.00E+00	5.00E-02
Cs-134	<2.97E-02	0.00E+00	2.97E-02
Cs-137	<3.69E-02	0.00E+00	3.69E-02
Be-7	<2.87E-01	0.00E+00	2.87E-01
K-40	5.53E-01	2.72E-01	8.81E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID: 613575 Sample Dates: 6/3/2024 - 6/10/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.89E-02	0.00E+00	4.89E-02
Cs-134	<3.34E-02	0.00E+00	3.34E-02
Cs-137	<2.54E-02	0.00E+00	2.54E-02
Be-7	<2.65E-01	0.00E+00	2.65E-01
K-40	5.43E-01	3.02E-01	3.57E-01

Sample ID: 614096 Sample Dates: 6/10/2024 - 6/17/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.30E-02	0.00E+00	4.30E-02
Cs-134	<3.62E-02	0.00E+00	3.62E-02
Cs-137	<2.34E-02	0.00E+00	2.34E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	9.29E-01	3.42E-01	8.12E-02

Sample ID: 614332 Sample Dates: 6/17/2024 - 6/24/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.08E-02	0.00E+00	4.08E-02
Cs-134	<4.09E-02	0.00E+00	4.09E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	6.68E-01	3.67E-01	4.65E-01

Sample ID: 614504 Sample Dates: 6/24/2024 - 7/1/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.97E-02	0.00E+00	3.97E-02
Cs-134	<3.15E-02	0.00E+00	3.15E-02
Cs-137	<1.66E-02	0.00E+00	1.66E-02
Be-7	<2.22E-01	0.00E+00	2.22E-01
K-40	6.42E-01	3.24E-01	3.68E-01

Sample ID: 614721 Sample Dates: 7/1/2024 - 7/8/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.72E-02	0.00E+00	3.72E-02
Cs-134	<2.81E-02	0.00E+00	2.81E-02
Cs-137	<2.59E-02	0.00E+00	2.59E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	6.20E-01	2.69E-01	7.64E-02

Sample ID: 615112 Sample Dates: 7/8/2024 - 7/15/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.68E-02	0.00E+00	4.68E-02
Cs-134	<3.20E-02	0.00E+00	3.20E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.67E-01	0.00E+00	2.67E-01
K-40	6.81E-01	3.66E-01	4.48E-01

Sample ID: 615921 Sample Dates: 7/15/2024 - 7/22/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.63E-02	0.00E+00	4.63E-02
Cs-134	<3.19E-02	0.00E+00	3.19E-02
Cs-137	<1.79E-02	0.00E+00	1.79E-02
Be-7	<2.67E-01	0.00E+00	2.67E-01
K-40	8.71E-01	3.81E-01	3.99E-01

Sample ID: 616385 Sample Dates: 7/23/2024 - 7/29/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.10E-02	0.00E+00	5.10E-02
Cs-134	<2.39E-02	0.00E+00	2.39E-02
Cs-137	<3.83E-02	0.00E+00	3.83E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	7.51E-01	3.71E-01	3.89E-01

Sample ID: 616657 Sample Dates: 7/29/2024 - 8/5/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.71E-02	0.00E+00	4.71E-02
Cs-134	<2.24E-02	0.00E+00	2.24E-02
Cs-137	<1.91E-02	0.00E+00	1.91E-02
Be-7	<2.09E-01	0.00E+00	2.09E-01
K-40	<6.97E-01	0.00E+00	6.97E-01

Sample ID: 617051 Sample Dates: 8/5/2024 - 8/12/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.16E-02	0.00E+00	5.16E-02
Cs-134	<2.44E-02	0.00E+00	2.44E-02
Cs-137	<2.33E-02	0.00E+00	2.33E-02
Be-7	<2.56E-01	0.00E+00	2.56E-01
K-40	<7.60E-01	0.00E+00	7.60E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID:	617536	Sample Dates: 8/12/2024 - 8/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<2.02E-02	0.00E+00	2.02E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	1.08E+00	3.62E-01	7.73E-02
Sample ID:	**618030**	**Sample Dates: 8/19/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.52E-02	0.00E+00	4.52E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	8.55E-01	3.19E-01	7.72E-02
Sample ID:	**618210**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.70E-02	0.00E+00	3.70E-02
			Cs-134	<1.95E-02	0.00E+00	1.95E-02
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<1.95E-01	0.00E+00	1.95E-01
			K-40	6.01E-01	2.67E-01	2.44E-01
Sample ID:	**618440**	**Sample Dates: 9/3/2024 - 9/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.72E-02	0.00E+00	5.72E-02
			Cs-134	<4.05E-02	0.00E+00	4.05E-02
			Cs-137	<3.66E-02	0.00E+00	3.66E-02
			Be-7	<2.76E-01	0.00E+00	2.76E-01
			K-40	<9.38E-01	0.00E+00	9.38E-01
Sample ID:	**619517**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.15E-02	0.00E+00	3.15E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	7.98E-01	3.39E-01	3.09E-01
Sample ID:	**619796**	**Sample Dates: 9/16/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.01E-02	0.00E+00	4.01E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	5.50E-01	3.44E-01	4.60E-01
Sample ID:	**620179**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.75E-02	0.00E+00	4.75E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.12E-02	0.00E+00	2.12E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	5.64E-01	3.76E-01	5.34E-01
Sample ID:	**620384**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.93E-02	0.00E+00	3.93E-02
			Cs-134	<2.90E-02	0.00E+00	2.90E-02
			Cs-137	<2.48E-02	0.00E+00	2.48E-02
			Be-7	<1.15E-01	0.00E+00	1.15E-01
			K-40	7.57E-01	3.64E-01	4.13E-01
Sample ID:	**620684**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.01E-02	0.00E+00	5.01E-02
			Cs-134	<2.05E-02	0.00E+00	2.05E-02
			Cs-137	<1.75E-02	0.00E+00	1.75E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	1.03E+00	3.89E-01	3.38E-01
Sample ID:	**621257**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<3.58E-02	0.00E+00	3.58E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	6.21E-01	2.69E-01	7.65E-02

Sample ID:	621651	Sample Dates: 10/21/2024 - 10/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.30E-02	0.00E+00	4.30E-02
			Cs-134	<3.36E-02	0.00E+00	3.36E-02
			Cs-137	<2.37E-02	0.00E+00	2.37E-02
			Be-7	<1.80E-01	0.00E+00	1.80E-01
			K-40	7.58E-01	3.21E-01	2.79E-01
Sample ID:	**622001**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.42E-02	0.00E+00	4.42E-02
			Cs-134	<2.96E-02	0.00E+00	2.96E-02
			Cs-137	<2.90E-02	0.00E+00	2.90E-02
			Be-7	<2.38E-01	0.00E+00	2.38E-01
			K-40	<7.44E-01	0.00E+00	7.44E-01
Sample ID:	**622268**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.33E-02	0.00E+00	5.33E-02
			Cs-134	<3.39E-02	0.00E+00	3.39E-02
			Cs-137	<1.97E-02	0.00E+00	1.97E-02
			Be-7	<1.81E-01	0.00E+00	1.81E-01
			K-40	9.60E-01	3.61E-01	2.90E-01
Sample ID:	**622634**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.22E-02	0.00E+00	4.22E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	5.20E-01	3.19E-01	4.10E-01
Sample ID:	**622914**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.76E-02	0.00E+00	4.76E-02
			Cs-134	<3.34E-02	0.00E+00	3.34E-02
			Cs-137	<2.54E-02	0.00E+00	2.54E-02
			Be-7	<1.84E-01	0.00E+00	1.84E-01
			K-40	6.60E-01	3.11E-01	3.13E-01
Sample ID:	**623238**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<3.15E-02	0.00E+00	3.15E-02
			Cs-137	<2.69E-02	0.00E+00	2.69E-02
			Be-7	<2.01E-01	0.00E+00	2.01E-01
			K-40	6.16E-01	2.73E-01	7.95E-02
Sample ID:	**624070**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<3.51E-02	0.00E+00	3.51E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	6.43E-01	2.99E-01	2.68E-01
Sample ID:	**624605**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.34E-02	0.00E+00	4.34E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.14E-01	0.00E+00	2.14E-01
			K-40	7.39E-01	3.30E-01	3.16E-01
Sample ID:	**624812**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.82E-02	0.00E+00	5.82E-02
			Cs-134	<2.77E-02	0.00E+00	2.77E-02
			Cs-137	<2.16E-02	0.00E+00	2.16E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	5.14E-01	2.97E-01	3.60E-01
Sample ID:	**625027**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.28E-02	0.00E+00	6.28E-02
			Cs-134	<3.87E-02	0.00E+00	3.87E-02
			Cs-137	<2.84E-02	0.00E+00	2.84E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	7.65E-01	3.58E-01	3.90E-01

Sample ID:	602967	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.98E-02	0.00E+00	4.98E-02
			Cs-134	<4.02E-02	0.00E+00	4.02E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	<8.65E-01	0.00E+00	8.65E-01
Sample ID:	**603871**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.77E-02	0.00E+00	3.77E-02
			Cs-134	<3.17E-02	0.00E+00	3.17E-02
			Cs-137	<1.51E-02	0.00E+00	1.51E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	5.55E-01	2.94E-01	3.48E-01
Sample ID:	**603980**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.04E-02	0.00E+00	5.04E-02
			Cs-134	<3.79E-02	0.00E+00	3.79E-02
			Cs-137	<2.88E-02	0.00E+00	2.88E-02
			Be-7	<3.02E-01	0.00E+00	3.02E-01
			K-40	4.60E-01	3.19E-01	4.25E-01
Sample ID:	**604227**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.14E-02	0.00E+00	4.14E-02
			Cs-134	<3.22E-02	0.00E+00	3.22E-02
			Cs-137	<3.26E-02	0.00E+00	3.26E-02
			Be-7	<2.66E-01	0.00E+00	2.66E-01
			K-40	<8.35E-01	0.00E+00	8.35E-01
Sample ID:	**604541**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.41E-02	0.00E+00	4.41E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	6.84E-01	2.84E-01	7.72E-02
Sample ID:	**604822**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<1.60E-02	0.00E+00	1.60E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<7.54E-01	0.00E+00	7.54E-01
Sample ID:	**605149**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.36E-02	0.00E+00	4.36E-02
			Cs-134	<3.75E-02	0.00E+00	3.75E-02
			Cs-137	<2.65E-02	0.00E+00	2.65E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	8.68E-01	3.14E-01	7.35E-02
Sample ID:	**606274**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.13E-02	0.00E+00	5.13E-02
			Cs-134	<2.99E-02	0.00E+00	2.99E-02
			Cs-137	<3.10E-02	0.00E+00	3.10E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	7.79E-01	4.30E-01	5.69E-01
Sample ID:	**607155**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.51E-02	0.00E+00	4.51E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.74E-01	0.00E+00	2.74E-01
			K-40	7.44E-01	3.26E-01	3.00E-01
Sample ID:	**607688**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.44E-02	0.00E+00	4.44E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<1.36E-02	0.00E+00	1.36E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	<7.78E-01	0.00E+00	7.78E-01

Sample ID:	608928	Sample Dates: 3/11/2024 - 3/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.54E-02	0.00E+00	4.54E-02
			Cs-134	<3.57E-02	0.00E+00	3.57E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<1.75E-01	0.00E+00	1.75E-01
			K-40	<6.34E-01	0.00E+00	6.34E-01
Sample ID:	**609339**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.59E-02	0.00E+00	4.59E-02
			Cs-134	<3.01E-02	0.00E+00	3.01E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	7.28E-01	3.35E-01	3.19E-01
Sample ID:	**609528**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.21E-02	0.00E+00	2.21E-02
			Cs-134	<2.25E-02	0.00E+00	2.25E-02
			Cs-137	<1.94E-02	0.00E+00	1.94E-02
			Be-7	<1.17E-01	0.00E+00	1.17E-01
			K-40	5.80E-01	2.89E-01	3.30E-01
Sample ID:	**609972**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.08E-02	0.00E+00	5.08E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.67E-01	0.00E+00	2.67E-01
			K-40	5.63E-01	3.18E-01	3.84E-01
Sample ID:	**610500**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.54E-02	0.00E+00	4.54E-02
			Cs-134	<3.12E-02	0.00E+00	3.12E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	7.23E-01	3.06E-01	2.52E-01
Sample ID:	**611037**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.93E-02	0.00E+00	3.93E-02
			Cs-134	<2.72E-02	0.00E+00	2.72E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<2.86E-01	0.00E+00	2.86E-01
			K-40	<8.54E-01	0.00E+00	8.54E-01
Sample ID:	**611207**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.03E-02	0.00E+00	4.03E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	6.65E-01	3.18E-01	3.23E-01
Sample ID:	**611546**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<3.78E-02	0.00E+00	3.78E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	8.83E-01	3.25E-01	7.72E-02
Sample ID:	**611792**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.11E-02	0.00E+00	4.11E-02
			Cs-134	<2.92E-02	0.00E+00	2.92E-02
			Cs-137	<1.91E-02	0.00E+00	1.91E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	7.36E-01	2.89E-01	7.38E-02
Sample ID:	**612303**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.65E-02	0.00E+00	4.65E-02
			Cs-134	<3.22E-02	0.00E+00	3.22E-02
			Cs-137	<2.10E-02	0.00E+00	2.10E-02
			Be-7	<2.73E-01	0.00E+00	2.73E-01
			K-40	8.35E-01	3.59E-01	3.39E-01

Sample ID:	612571	Sample Dates: 5/20/2024 - 5/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.36E-02	0.00E+00	4.36E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<1.95E-02	0.00E+00	1.95E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	3.24E-01	2.50E-01	3.51E-01
Sample ID:	**612744**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.51E-02	0.00E+00	4.51E-02
			Cs-134	<4.12E-02	0.00E+00	4.12E-02
			Cs-137	<2.28E-02	0.00E+00	2.28E-02
			Be-7	<1.95E-01	0.00E+00	1.95E-01
			K-40	<8.45E-01	0.00E+00	8.45E-01
Sample ID:	**613576**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.46E-02	0.00E+00	5.46E-02
			Cs-134	<2.97E-02	0.00E+00	2.97E-02
			Cs-137	<2.27E-02	0.00E+00	2.27E-02
			Be-7	<1.92E-01	0.00E+00	1.92E-01
			K-40	5.78E-01	3.26E-01	4.05E-01
Sample ID:	**614097**	**Sample Dates: 6/10/2024 - 6/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.31E-02	0.00E+00	4.31E-02
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<2.34E-02	0.00E+00	2.34E-02
			Be-7	<2.74E-01	0.00E+00	2.74E-01
			K-40	7.93E-01	3.37E-01	2.81E-01
Sample ID:	**614333**	**Sample Dates: 6/17/2024 - 6/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.40E-02	0.00E+00	4.40E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<1.74E-01	0.00E+00	1.74E-01
			K-40	5.24E-01	3.21E-01	4.13E-01
Sample ID:	**614505**	**Sample Dates: 6/24/2024 - 7/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.97E-02	0.00E+00	3.97E-02
			Cs-134	<3.32E-02	0.00E+00	3.32E-02
			Cs-137	<3.25E-02	0.00E+00	3.25E-02
			Be-7	<2.51E-01	0.00E+00	2.51E-01
			K-40	4.86E-01	2.87E-01	3.47E-01
Sample ID:	**614722**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.92E-02	0.00E+00	3.92E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<1.97E-02	0.00E+00	1.97E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	<6.78E-01	0.00E+00	6.78E-01
Sample ID:	**615113**	**Sample Dates: 7/8/2024 - 7/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.09E-02	0.00E+00	5.09E-02
			Cs-134	<3.78E-02	0.00E+00	3.78E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	3.88E-01	2.83E-01	3.80E-01
Sample ID:	**615922**	**Sample Dates: 7/15/2024 - 7/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.05E-02	0.00E+00	5.05E-02
			Cs-134	<3.94E-02	0.00E+00	3.94E-02
			Cs-137	<3.77E-02	0.00E+00	3.77E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	8.08E-01	3.44E-01	3.04E-01
Sample ID:	**616386**	**Sample Dates: 7/22/2024 - 7/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.83E-02	0.00E+00	4.83E-02
			Cs-134	<2.97E-02	0.00E+00	2.97E-02
			Cs-137	<2.32E-02	0.00E+00	2.32E-02
			Be-7	<1.94E-01	0.00E+00	1.94E-01
			K-40	4.12E-01	2.95E-01	3.97E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 90 [INDICATOR - SSW @ 0.5 miles]

Sample ID:	616658	Sample Dates: 7/29/2024 - 8/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.21E-02	0.00E+00	5.21E-02
			Cs-134	<2.24E-02	0.00E+00	2.24E-02
			Cs-137	<2.67E-02	0.00E+00	2.67E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	6.82E-01	2.78E-01	7.40E-02
Sample ID:	**617052**	**Sample Dates: 8/5/2024 - 8/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.74E-02	0.00E+00	3.74E-02
			Cs-134	<3.40E-02	0.00E+00	3.40E-02
			Cs-137	<3.07E-02	0.00E+00	3.07E-02
			Be-7	<1.80E-01	0.00E+00	1.80E-01
			K-40	9.78E-01	3.82E-01	3.35E-01
Sample ID:	**617537**	**Sample Dates: 8/12/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.26E-02	0.00E+00	4.26E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	1.06E+00	3.57E-01	7.73E-02
Sample ID:	**618031**	**Sample Dates: 8/19/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.45E-02	0.00E+00	4.45E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.86E-01	0.00E+00	2.86E-01
			K-40	9.22E-01	3.53E-01	2.74E-01
Sample ID:	**618211**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.62E-02	0.00E+00	3.62E-02
			Cs-134	<2.73E-02	0.00E+00	2.73E-02
			Cs-137	<2.19E-02	0.00E+00	2.19E-02
			Be-7	9.38E-02	1.06E-01	1.69E-01
			K-40	5.88E-01	2.80E-01	2.99E-01
Sample ID:	**618441**	**Sample Dates: 9/3/2024 - 9/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.22E-02	0.00E+00	4.22E-02
			Cs-134	<2.91E-02	0.00E+00	2.91E-02
			Cs-137	<3.46E-02	0.00E+00	3.46E-02
			Be-7	<3.06E-01	0.00E+00	3.06E-01
			K-40	<7.77E-01	0.00E+00	7.77E-01
Sample ID:	**619518**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	<6.85E-01	0.00E+00	6.85E-01
Sample ID:	**619797**	**Sample Dates: 9/16/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.45E-02	0.00E+00	4.45E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<1.72E-02	0.00E+00	1.72E-02
			Be-7	<1.72E-01	0.00E+00	1.72E-01
			K-40	7.31E-01	3.40E-01	3.58E-01
Sample ID:	**620180**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<2.12E-02	0.00E+00	2.12E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	<7.06E-01	0.00E+00	7.06E-01
Sample ID:	**620385**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.03E-02	0.00E+00	4.03E-02
			Cs-134	<3.69E-02	0.00E+00	3.69E-02
			Cs-137	<3.16E-02	0.00E+00	3.16E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	7.38E-01	3.24E-01	2.84E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 90 [INDICATOR - SSW @ 0.5 miles]

Sample ID:	620685	Sample Dates: 10/7/2024 - 10/14/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.67E-02	0.00E+00	4.67E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.03E-02	0.00E+00	2.03E-02
			Be-7	<2.63E-01	0.00E+00	2.63E-01
			K-40	4.07E-01	3.15E-01	4.50E-01
Sample ID:	**621258**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.27E-02	0.00E+00	4.27E-02
			Cs-134	<2.31E-02	0.00E+00	2.31E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	9.04E-01	3.82E-01	3.99E-01
Sample ID:	**621652**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.45E-02	0.00E+00	3.45E-02
			Cs-134	<3.36E-02	0.00E+00	3.36E-02
			Cs-137	<2.37E-02	0.00E+00	2.37E-02
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	<6.55E-01	0.00E+00	6.55E-01
Sample ID:	**622002**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.60E-02	0.00E+00	4.60E-02
			Cs-134	<2.96E-02	0.00E+00	2.96E-02
			Cs-137	<3.22E-02	0.00E+00	3.22E-02
			Be-7	<2.01E-01	0.00E+00	2.01E-01
			K-40	9.21E-01	3.39E-01	8.05E-02
Sample ID:	**622269**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.91E-02	0.00E+00	3.91E-02
			Cs-134	<4.02E-02	0.00E+00	4.02E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	<7.17E-01	0.00E+00	7.17E-01
Sample ID:	**622635**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.57E-02	0.00E+00	3.57E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.79E-01	0.00E+00	2.79E-01
			K-40	5.37E-01	3.41E-01	4.59E-01
Sample ID:	**622915**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.23E-02	0.00E+00	5.23E-02
			Cs-134	<2.97E-02	0.00E+00	2.97E-02
			Cs-137	<2.16E-02	0.00E+00	2.16E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	6.49E-01	3.08E-01	3.12E-01
Sample ID:	**623239**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.32E-02	0.00E+00	4.32E-02
			Cs-134	<3.54E-02	0.00E+00	3.54E-02
			Cs-137	<2.05E-02	0.00E+00	2.05E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	6.74E-01	2.86E-01	7.95E-02
Sample ID:	**624071**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.55E-02	0.00E+00	4.55E-02
			Cs-134	<2.62E-02	0.00E+00	2.62E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<2.54E-01	0.00E+00	2.54E-01
			K-40	6.11E-01	3.28E-01	3.88E-01
Sample ID:	**624606**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.03E-02	0.00E+00	4.03E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	6.84E-01	3.17E-01	3.08E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 90 [INDICATOR - SSW @ 0.5 miles]

Sample ID:	624813	Sample Dates: 12/16/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.26E-02	0.00E+00	6.26E-02
			Cs-134	<2.69E-02	0.00E+00	2.69E-02
			Cs-137	<2.29E-02	0.00E+00	2.29E-02
			Be-7	<1.89E-01	0.00E+00	1.89E-01
			K-40	7.23E-01	2.92E-01	2.63E-01
Sample ID:	**625028**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.07E-02	0.00E+00	6.07E-02
			Cs-134	<2.55E-02	0.00E+00	2.55E-02
			Cs-137	<2.62E-02	0.00E+00	2.61E-02
			Be-7	<1.89E-01	0.00E+00	1.89E-01
			K-40	7.97E-01	2.60E-01	2.05E-01

Sample Point 91 [INDICATOR - ENE @ 1.6 miles]

Sample ID:	602968	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.97E-02	0.00E+00	4.97E-02
			Cs-134	<3.52E-02	0.00E+00	3.52E-02
			Cs-137	<3.72E-02	0.00E+00	3.72E-02
			Be-7	<2.57E-01	0.00E+00	2.57E-01
			K-40	<7.00E-01	0.00E+00	7.00E-01
Sample ID:	**603872**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.24E-02	0.00E+00	3.24E-02
			Cs-134	<2.72E-02	0.00E+00	2.72E-02
			Cs-137	<2.16E-02	0.00E+00	2.16E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	6.84E-01	2.69E-01	6.86E-02
Sample ID:	**603981**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.14E-02	0.00E+00	4.14E-02
			Cs-134	<2.90E-02	0.00E+00	2.90E-02
			Cs-137	<4.40E-02	0.00E+00	4.40E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	6.41E-01	3.24E-01	3.23E-01
Sample ID:	**604228**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.28E-02	0.00E+00	4.28E-02
			Cs-134	<3.59E-02	0.00E+00	3.59E-02
			Cs-137	<2.73E-02	0.00E+00	2.73E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	4.51E-01	3.22E-01	4.45E-01
Sample ID:	**604542**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.44E-02	0.00E+00	4.44E-02
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	7.06E-01	3.33E-01	3.51E-01
Sample ID:	**604823**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.15E-02	0.00E+00	4.15E-02
			Cs-134	<2.72E-02	0.00E+00	2.72E-02
			Cs-137	<2.73E-02	0.00E+00	2.73E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	8.15E-01	3.43E-01	2.90E-01
Sample ID:	**605150**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.69E-02	0.00E+00	4.69E-02
			Cs-134	<3.50E-02	0.00E+00	3.50E-02
			Cs-137	<2.69E-02	0.00E+00	2.69E-02
			Be-7	<2.16E-01	0.00E+00	2.16E-01
			K-40	<6.90E-01	0.00E+00	6.90E-01
Sample ID:	**606275**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.74E-02	0.00E+00	4.74E-02
			Cs-134	<2.71E-02	0.00E+00	2.71E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02

Sample ID:	606275	Sample Dates: 2/19/2024 - 2/26/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	8.01E-01	3.15E-01	8.04E-02
Sample ID:	**607156**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<3.24E-02	0.00E+00	3.24E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	7.48E-01	3.21E-01	2.75E-01
Sample ID:	**607689**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.10E-02	0.00E+00	4.10E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.77E-01	0.00E+00	2.77E-01
			K-40	7.81E-01	3.27E-01	2.73E-01
Sample ID:	**608929**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.92E-02	0.00E+00	4.92E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.13E-02	0.00E+00	2.13E-02
			Be-7	<2.45E-01	0.00E+00	2.45E-01
			K-40	7.08E-01	2.83E-01	7.38E-02
Sample ID:	**609340**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.33E-02	0.00E+00	4.33E-02
			Cs-134	<2.45E-02	0.00E+00	2.45E-02
			Cs-137	<2.92E-02	0.00E+00	2.92E-02
			Be-7	<2.93E-01	0.00E+00	2.93E-01
			K-40	7.07E-01	3.45E-01	3.75E-01
Sample ID:	**609529**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.94E-02	0.00E+00	2.94E-02
			Cs-134	<3.17E-02	0.00E+00	3.17E-02
			Cs-137	<2.99E-02	0.00E+00	2.99E-02
			Be-7	<1.62E-01	0.00E+00	1.62E-01
			K-40	7.66E-01	2.86E-01	6.92E-02
Sample ID:	**609973**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.23E-02	0.00E+00	5.23E-02
			Cs-134	<4.08E-02	0.00E+00	4.08E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.66E-01	0.00E+00	2.66E-01
			K-40	6.15E-01	2.88E-01	2.49E-01
Sample ID:	**610501**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.91E-02	0.00E+00	3.91E-02
			Cs-134	<1.55E-02	0.00E+00	1.55E-02
			Cs-137	<2.70E-02	0.00E+00	2.70E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	<7.06E-01	0.00E+00	7.06E-01
Sample ID:	**611038**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.88E-02	0.00E+00	2.88E-02
			Cs-134	<3.36E-02	0.00E+00	3.36E-02
			Cs-137	<3.19E-02	0.00E+00	3.19E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	3.73E-01	3.33E-01	5.03E-01
Sample ID:	**611208**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.72E-02	0.00E+00	4.72E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.68E-01	0.00E+00	2.68E-01
			K-40	6.07E-01	2.97E-01	2.88E-01
Sample ID:	**611547**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.87E-02	0.00E+00	4.87E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 91 [INDICATOR - ENE @ 1.6 miles]

Sample ID:	611547	Sample Dates: 4/29/2024 - 5/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<2.00E-02	0.00E+00	2.00E-02
			Cs-137	<3.21E-02	0.00E+00	3.21E-02
			Be-7	<2.02E-01	0.00E+00	2.02E-01
			K-40	6.94E-01	3.20E-01	3.14E-01
Sample ID:	**611793**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.59E-02	0.00E+00	3.59E-02
			Cs-134	<2.27E-02	0.00E+00	2.27E-02
			Cs-137	<2.71E-02	0.00E+00	2.71E-02
			Be-7	<2.72E-01	0.00E+00	2.72E-01
			K-40	<6.66E-01	0.00E+00	6.66E-01
Sample ID:	**612304**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.21E-02	0.00E+00	4.21E-02
			Cs-134	<4.09E-02	0.00E+00	4.09E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	6.71E-01	3.37E-01	3.71E-01
Sample ID:	**612572**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.71E-02	0.00E+00	3.71E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.71E-02	0.00E+00	2.71E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	<6.49E-01	0.00E+00	6.49E-01
Sample ID:	**612745**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.60E-02	0.00E+00	4.60E-02
			Cs-134	<3.49E-02	0.00E+00	3.49E-02
			Cs-137	<3.18E-02	0.00E+00	3.18E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	7.66E-01	3.45E-01	2.97E-01
Sample ID:	**613577**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.94E-02	0.00E+00	4.94E-02
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<2.56E-02	0.00E+00	2.56E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	4.93E-01	2.91E-01	3.52E-01
Sample ID:	**614098**	**Sample Dates: 6/10/2024 - 6/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.24E-02	0.00E+00	4.24E-02
			Cs-134	<3.57E-02	0.00E+00	3.57E-02
			Cs-137	<2.71E-02	0.00E+00	2.71E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	<6.48E-01	0.00E+00	6.48E-01
Sample ID:	**614334**	**Sample Dates: 6/17/2024 - 6/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	7.70E-01	3.03E-01	7.73E-02
Sample ID:	**614506**	**Sample Dates: 6/24/2024 - 7/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.62E-02	0.00E+00	3.62E-02
			Cs-134	<3.76E-02	0.00E+00	3.76E-02
			Cs-137	<2.50E-02	0.00E+00	2.50E-02
			Be-7	<2.62E-01	0.00E+00	2.62E-01
			K-40	4.01E-01	2.77E-01	3.68E-01
Sample ID:	**614723**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<1.71E-02	0.00E+00	1.71E-02
			Cs-134	<2.08E-02	0.00E+00	2.08E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<1.45E-01	0.00E+00	1.45E-01
			K-40	4.77E-01	2.62E-01	2.95E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 91 [INDICATOR - ENE @ 1.6 miles]

Sample ID:	615114	Sample Dates: 7/8/2024 - 7/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.68E-02	0.00E+00	4.68E-02
			Cs-134	<3.34E-02	0.00E+00	3.34E-02
			Cs-137	<2.05E-02	0.00E+00	2.05E-02
			Be-7	<2.54E-01	0.00E+00	2.54E-01
			K-40	7.27E-01	3.74E-01	4.53E-01
Sample ID:	**615923**	**Sample Dates: 7/15/2024 - 7/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.06E-02	0.00E+00	5.06E-02
			Cs-134	<2.03E-02	0.00E+00	2.03E-02
			Cs-137	<2.25E-02	0.00E+00	2.25E-02
			Be-7	<2.07E-01	0.00E+00	2.07E-01
			K-40	8.36E-01	3.45E-01	3.01E-01
Sample ID:	**616387**	**Sample Dates: 7/22/2024 - 7/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.92E-02	0.00E+00	4.92E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	5.10E-01	3.32E-01	4.46E-01
Sample ID:	**616659**	**Sample Dates: 7/29/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.41E-02	0.00E+00	4.41E-02
			Cs-134	<3.33E-02	0.00E+00	3.33E-02
			Cs-137	<1.66E-02	0.00E+00	1.66E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	6.97E-01	3.06E-01	2.71E-01
Sample ID:	**617053**	**Sample Dates: 8/5/2024 - 8/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.69E-02	0.00E+00	3.69E-02
			Cs-134	<3.16E-02	0.00E+00	3.16E-02
			Cs-137	<3.04E-02	0.00E+00	3.04E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	6.27E-01	3.41E-01	4.07E-01
Sample ID:	**617538**	**Sample Dates: 8/12/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.73E-02	0.00E+00	3.73E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<3.07E-01	0.00E+00	3.07E-01
			K-40	<6.73E-01	0.00E+00	6.73E-01
Sample ID:	**618032**	**Sample Dates: 8/19/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	7.84E-01	3.25E-01	2.62E-01
Sample ID:	**618212**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.32E-02	0.00E+00	4.32E-02
			Cs-134	<2.40E-02	0.00E+00	2.40E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<1.82E-01	0.00E+00	1.82E-01
			K-40	<5.41E-01	0.00E+00	5.41E-01
Sample ID:	**618442**	**Sample Dates: 9/3/2024 - 9/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.19E-02	0.00E+00	5.19E-02
			Cs-134	<3.49E-02	0.00E+00	3.49E-02
			Cs-137	<2.98E-02	0.00E+00	2.98E-02
			Be-7	<2.25E-01	0.00E+00	2.25E-01
			K-40	8.92E-01	4.64E-01	5.77E-01
Sample ID:	**619519**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.68E-02	0.00E+00	3.68E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	7.04E-01	3.36E-01	3.61E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 91 [INDICATOR - ENE @ 1.6 miles]

Sample ID:	619798	Sample Dates: 9/16/2024 - 9/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.17E-02	0.00E+00	4.17E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	5.74E-02	1.35E-01	2.38E-01
			K-40	7.12E-01	2.90E-01	7.72E-02
Sample ID:	**620181**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.53E-02	0.00E+00	3.53E-02
			Cs-134	<2.25E-02	0.00E+00	2.25E-02
			Cs-137	<2.15E-02	0.00E+00	2.15E-02
			Be-7	<2.38E-01	0.00E+00	2.38E-01
			K-40	<7.14E-01	0.00E+00	7.14E-01
Sample ID:	**620386**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.22E-02	0.00E+00	4.22E-02
			Cs-134	<3.52E-02	0.00E+00	3.52E-02
			Cs-137	<3.01E-02	0.00E+00	3.01E-02
			Be-7	<2.92E-01	0.00E+00	2.92E-01
			K-40	<5.68E-01	0.00E+00	5.68E-01
Sample ID:	**620686**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.51E-02	0.00E+00	4.51E-02
			Cs-134	<3.40E-02	0.00E+00	3.40E-02
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	<6.01E-01	0.00E+00	6.01E-01
Sample ID:	**621259**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.34E-02	0.00E+00	3.34E-02
			Cs-134	<3.32E-02	0.00E+00	3.32E-02
			Cs-137	<3.15E-02	0.00E+00	3.15E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	6.97E-01	3.47E-01	3.94E-01
Sample ID:	**621653**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<2.78E-02	0.00E+00	2.78E-02
			Cs-137	<2.17E-02	0.00E+00	2.17E-02
			Be-7	<2.34E-01	0.00E+00	2.34E-01
			K-40	8.12E-01	3.62E-01	3.92E-01
Sample ID:	**622003**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<3.15E-02	0.00E+00	3.15E-02
			Cs-137	<3.46E-02	0.00E+00	3.46E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	6.23E-01	3.05E-01	2.97E-01
Sample ID:	**622270**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.24E-02	0.00E+00	4.24E-02
			Cs-134	<3.43E-02	0.00E+00	3.43E-02
			Cs-137	<1.99E-02	0.00E+00	1.99E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	5.53E-01	3.13E-01	3.77E-01
Sample ID:	**622636**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.68E-02	0.00E+00	3.68E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	5.86E-01	2.84E-01	2.58E-01
Sample ID:	**622916**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.27E-02	0.00E+00	6.27E-02
			Cs-134	<1.94E-02	0.00E+00	1.94E-02
			Cs-137	<2.52E-02	0.00E+00	2.52E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	<5.34E-01	0.00E+00	5.34E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 91 [INDICATOR - ENE @ 1.6 miles]

Sample ID:	623240	Sample Dates: 11/25/2024 - 12/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.72E-02	0.00E+00	4.72E-02
			Cs-134	<2.68E-02	0.00E+00	2.68E-02
			Cs-137	<2.87E-02	0.00E+00	2.87E-02
			Be-7	<2.54E-01	0.00E+00	2.54E-01
			K-40	7.72E-01	3.61E-01	3.92E-01
Sample ID:	**624072**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.59E-02	0.00E+00	3.59E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<1.73E-02	0.00E+00	1.73E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	7.16E-01	3.24E-01	3.09E-01
Sample ID:	**624607**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.93E-02	0.00E+00	2.93E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	6.92E-01	3.40E-01	3.80E-01
Sample ID:	**624814**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.88E-02	0.00E+00	5.88E-02
			Cs-134	<2.57E-02	0.00E+00	2.57E-02
			Cs-137	<2.53E-02	0.00E+00	2.53E-02
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	7.93E-01	2.71E-01	2.03E-01
Sample ID:	**625029**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.05E-02	0.00E+00	6.05E-02
			Cs-134	<1.14E-02	0.00E+00	1.14E-02
			Cs-137	<2.56E-02	0.00E+00	2.56E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	6.55E-01	2.50E-01	1.90E-01

Media Type: AQUATIC VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	615105	Sample Dates: 7/11/2024 - 7/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<2.07E+01	0.00E+00	2.07E+01
			Co-58	<2.05E+01	0.00E+00	2.05E+01
			Fe-59	<4.19E+01	0.00E+00	4.19E+01
			Co-60	<1.70E+01	0.00E+00	1.70E+01
			Zn-65	<5.44E+01	0.00E+00	5.44E+01
			Zr-95	<2.95E+01	0.00E+00	2.95E+01
			Nb-95	<2.30E+01	0.00E+00	2.30E+01
			I-131	<2.18E+01	0.00E+00	2.18E+01
			Cs-134	<2.22E+01	0.00E+00	2.22E+01
			Cs-137	<2.18E+01	0.00E+00	2.18E+01
			BaLa-140	<3.18E+01	0.00E+00	3.18E+01
			Be-7	1.03E+02	1.58E+02	2.63E+02
			K-40	3.47E+03	5.64E+02	2.62E+02

Sample Point 41 [INDICATOR - S @ 3.8 miles]

Sample ID:	615106	Sample Dates: 7/11/2024 - 7/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<2.37E+01	0.00E+00	2.37E+01
			Co-58	<2.16E+01	0.00E+00	2.16E+01
			Fe-59	<3.81E+01	0.00E+00	3.81E+01
			Co-60	<2.10E+01	0.00E+00	2.10E+01
			Zn-65	<4.48E+01	0.00E+00	4.48E+01
			Zr-95	<3.77E+01	0.00E+00	3.77E+01
			Nb-95	<2.50E+01	0.00E+00	2.50E+01
			I-131	<3.41E+01	0.00E+00	3.41E+01
			Cs-134	<2.64E+01	0.00E+00	2.64E+01
			Cs-137	<2.21E+01	0.00E+00	2.21E+01
			BaLa-140	<3.01E+01	0.00E+00	3.01E+01
			Be-7	3.22E+02	1.79E+02	2.62E+02

Media Type: AQUATIC VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 41 [INDICATOR - S @ 3.8 miles]

Sample ID:	615106	Sample Dates: 7/11/2024 - 7/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	4.91E+03	7.22E+02	3.54E+02

Sample Point 61 [CONTROL - E @ 2.5 miles]

Sample ID:	615107	Sample Dates: 7/11/2024 - 7/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<1.79E+01	0.00E+00	1.79E+01
			Co-58	<1.64E+01	0.00E+00	1.64E+01
			Fe-59	<4.54E+01	0.00E+00	4.54E+01
			Co-60	<2.30E+01	0.00E+00	2.30E+01
			Zn-65	<5.41E+01	0.00E+00	5.41E+01
			Zr-95	<3.52E+01	0.00E+00	3.52E+01
			Nb-95	<2.29E+01	0.00E+00	2.29E+01
			I-131	<3.44E+01	0.00E+00	3.44E+01
			Cs-134	<2.46E+01	0.00E+00	2.46E+01
			Cs-137	<2.25E+01	0.00E+00	2.25E+01
			BaLa-140	<7.42E+00	0.00E+00	7.42E+00
			Be-7	<1.79E+02	0.00E+00	1.79E+02
			K-40	3.50E+03	5.54E+02	4.43E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 46 [INDICATOR - SSE @ 17.2 miles]

Sample ID:	604256	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.18E+00	0.00E+00	3.18E+00
			Mn-54	<3.69E+00	0.00E+00	3.69E+00
			Co-58	<3.50E+00	0.00E+00	3.50E+00
			Fe-59	<7.98E+00	0.00E+00	7.98E+00
			Co-60	<3.18E+00	0.00E+00	3.18E+00
			Zn-65	<6.58E+00	0.00E+00	6.58E+00
			Zr-95	<5.75E+00	0.00E+00	5.75E+00
			Nb-95	<3.76E+00	0.00E+00	3.76E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<3.64E+00	0.00E+00	3.64E+00
			Cs-137	<3.50E+00	0.00E+00	3.50E+00
			BaLa-140	<8.48E+00	0.00E+00	8.48E+00
			Be-7	<3.62E+01	0.00E+00	3.62E+01
			K-40	1.01E+02	3.96E+01	4.65E+01

Sample ID:	606303	Sample Dates: 1/22/2024 - 2/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.10E+00	0.00E+00	3.10E+00
			Mn-54	<2.79E+00	0.00E+00	2.79E+00
			Co-58	<3.19E+00	0.00E+00	3.19E+00
			Fe-59	<7.04E+00	0.00E+00	7.04E+00
			Co-60	<2.56E+00	0.00E+00	2.56E+00
			Zn-65	<5.48E+00	0.00E+00	5.48E+00
			Zr-95	<3.56E+00	0.00E+00	3.56E+00
			Nb-95	<3.23E+00	0.00E+00	3.23E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<3.80E+00	0.00E+00	3.80E+00
			Cs-137	<2.41E+00	0.00E+00	2.41E+00
			BaLa-140	<8.10E+00	0.00E+00	8.10E+00
			Be-7	<2.48E+01	0.00E+00	2.48E+01
			K-40	7.79E+01	2.79E+01	2.87E+01

Sample ID:	609368	Sample Dates: 2/19/2024 - 3/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.19E+00	0.00E+00	3.19E+00
			Mn-54	<2.78E+00	0.00E+00	2.78E+00
			Co-58	<3.01E+00	0.00E+00	3.01E+00
			Fe-59	<6.72E+00	0.00E+00	6.72E+00
			Co-60	<2.60E+00	0.00E+00	2.60E+00
			Zn-65	<5.32E+00	0.00E+00	5.32E+00
			Zr-95	<6.59E+00	0.00E+00	6.59E+00
			Nb-95	<4.49E+00	0.00E+00	4.49E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<2.52E+00	0.00E+00	2.52E+00
			Cs-137	<2.84E+00	0.00E+00	2.84E+00
			BaLa-140	<6.97E+00	0.00E+00	6.97E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 46 [INDICATOR - SSE @ 17.2 miles]

Sample ID:	609368	Sample Dates: 2/19/2024 - 3/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<3.23E+01	0.00E+00	3.23E+01
			K-40	1.17E+02	3.71E+01	4.11E+01
Sample ID:	**607626**	**Sample Dates: 12/27/2023 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<1.18E+02	0.00E+00	1.89E+02
Sample ID:	**611066**	**Sample Dates: 3/18/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	3.28E+00	4.25E+00	3.19E+00
			Mn-54	<4.41E+00	0.00E+00	4.41E+00
			Co-58	<3.96E+00	0.00E+00	3.96E+00
			Fe-59	<8.24E+00	0.00E+00	8.24E+00
			Co-60	<3.13E+00	0.00E+00	3.13E+00
			Zn-65	<6.80E+00	0.00E+00	6.80E+00
			Zr-95	<6.46E+00	0.00E+00	6.46E+00
			Nb-95	<4.29E+00	0.00E+00	4.29E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<3.95E+00	0.00E+00	3.95E+00
			Cs-137	<3.31E+00	0.00E+00	3.31E+00
			BaLa-140	<1.03E+01	0.00E+00	1.03E+01
			Be-7	<3.42E+01	0.00E+00	3.42E+01
			K-40	7.38E+01	3.92E+01	5.19E+01
Sample ID:	**612332**	**Sample Dates: 4/15/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.15E+00	0.00E+00	3.15E+00
			Mn-54	<3.78E+00	0.00E+00	3.78E+00
			Co-58	<4.62E+00	0.00E+00	4.62E+00
			Fe-59	<7.60E+00	0.00E+00	7.60E+00
			Co-60	<4.19E+00	0.00E+00	4.19E+00
			Zn-65	<8.84E+00	0.00E+00	8.84E+00
			Zr-95	<7.83E+00	0.00E+00	7.83E+00
			Nb-95	<6.53E+00	0.00E+00	6.53E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<4.40E+00	0.00E+00	4.40E+00
			Cs-137	<3.04E+00	0.00E+00	3.04E+00
			BaLa-140	<8.33E+00	0.00E+00	8.33E+00
			Be-7	<4.07E+01	0.00E+00	4.07E+01
			K-40	<8.81E+01	0.00E+00	8.81E+01
Sample ID:	**614126**	**Sample Dates: 5/13/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.25E+00	0.00E+00	3.25E+00
			Mn-54	<3.97E+00	0.00E+00	3.97E+00
			Co-58	<3.13E+00	0.00E+00	3.13E+00
			Fe-59	<6.57E+00	0.00E+00	6.57E+00
			Co-60	<3.13E+00	0.00E+00	3.13E+00
			Zn-65	<6.68E+00	0.00E+00	6.68E+00
			Zr-95	<3.52E+00	0.00E+00	3.52E+00
			Nb-95	<2.99E+00	0.00E+00	2.99E+00
			I-131	<1.24E+01	0.00E+00	1.24E+01
			Cs-134	<2.91E+00	0.00E+00	2.91E+00
			Cs-137	<2.70E+00	0.00E+00	2.70E+00
			BaLa-140	<6.40E+00	0.00E+00	6.40E+00
			Be-7	<2.89E+01	0.00E+00	2.89E+01
			K-40	6.29E+01	3.48E+01	4.97E+01
Sample ID:	**613519**	**Sample Dates: 4/15/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<1.18E+02	0.00E+00	1.93E+02
Sample ID:	**615147**	**Sample Dates: 6/10/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	4.74E+00	4.33E+00	3.22E+00
			Mn-54	<2.62E+00	0.00E+00	2.62E+00
			Co-58	<3.27E+00	0.00E+00	3.27E+00
			Fe-59	<6.92E+00	0.00E+00	6.92E+00
			Co-60	<2.62E+00	0.00E+00	2.62E+00
			Zn-65	<6.43E+00	0.00E+00	6.43E+00
			Zr-95	<7.16E+00	0.00E+00	7.16E+00
			Nb-95	<4.73E+00	0.00E+00	4.73E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 46 [INDICATOR - SSE @ 17.2 miles]

Sample ID:	615147	Sample Dates: 6/10/2024 - 7/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<3.75E+00	0.00E+00	3.75E+00
			Cs-137	<3.36E+00	0.00E+00	3.36E+00
			BaLa-140	<7.96E+00	0.00E+00	7.96E+00
			Be-7	<2.31E+01	0.00E+00	2.31E+01
			K-40	7.62E+01	3.70E+01	4.97E+01
Sample ID:	**617091**	**Sample Dates: 7/8/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.27E+00	0.00E+00	3.27E+00
			Mn-54	<3.20E+00	0.00E+00	3.20E+00
			Co-58	<4.06E+00	0.00E+00	4.06E+00
			Fe-59	<7.26E+00	0.00E+00	7.26E+00
			Co-60	<3.22E+00	0.00E+00	3.22E+00
			Zn-65	<8.19E+00	0.00E+00	8.19E+00
			Zr-95	<5.38E+00	0.00E+00	5.38E+00
			Nb-95	<3.61E+00	0.00E+00	3.61E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<4.43E+00	0.00E+00	4.43E+00
			Cs-137	<3.22E+00	0.00E+00	3.22E+00
			BaLa-140	<4.98E+00	0.00E+00	4.98E+00
			Be-7	<3.25E+01	0.00E+00	3.25E+01
			K-40	6.79E+01	2.98E+01	3.20E+01
Sample ID:	**618480**	**Sample Dates: 8/5/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.10E+00	0.00E+00	3.10E+00
			Mn-54	<2.90E+00	0.00E+00	2.90E+00
			Co-58	<2.93E+00	0.00E+00	2.93E+00
			Fe-59	<6.17E+00	0.00E+00	6.17E+00
			Co-60	<2.15E+00	0.00E+00	2.15E+00
			Zn-65	<5.90E+00	0.00E+00	5.90E+00
			Zr-95	<5.74E+00	0.00E+00	5.74E+00
			Nb-95	<3.66E+00	0.00E+00	3.66E+00
			I-131	<1.26E+01	0.00E+00	1.26E+01
			Cs-134	<3.73E+00	0.00E+00	3.73E+00
			Cs-137	<3.31E+00	0.00E+00	3.31E+00
			BaLa-140	<9.46E+00	0.00E+00	9.46E+00
			Be-7	<2.47E+01	0.00E+00	2.47E+01
			K-40	8.09E+01	3.71E+01	5.12E+01
Sample ID:	**618387**	**Sample Dates: 7/8/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<5.70E+01	0.00E+00	1.95E+02
Sample ID:	**620432**	**Sample Dates: 9/3/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.23E+00	0.00E+00	3.23E+00
			Mn-54	<3.07E+00	0.00E+00	3.07E+00
			Co-58	<3.06E+00	0.00E+00	3.06E+00
			Fe-59	<9.42E+00	0.00E+00	9.42E+00
			Co-60	<4.09E+00	0.00E+00	4.09E+00
			Zn-65	<6.38E+00	0.00E+00	6.38E+00
			Zr-95	<6.81E+00	0.00E+00	6.81E+00
			Nb-95	<4.14E+00	0.00E+00	4.14E+00
			I-131	<1.29E+01	0.00E+00	1.29E+01
			Cs-134	<3.85E+00	0.00E+00	3.85E+00
			Cs-137	<3.36E+00	0.00E+00	3.36E+00
			BaLa-140	<8.02E+00	0.00E+00	8.02E+00
			Be-7	<3.58E+01	0.00E+00	3.58E+01
			K-40	8.44E+01	3.69E+01	4.33E+01
Sample ID:	**622031**	**Sample Dates: 9/30/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.32E+00	0.00E+00	3.32E+00
			Mn-54	<2.97E+00	0.00E+00	2.97E+00
			Co-58	<3.31E+00	0.00E+00	3.31E+00
			Fe-59	<9.89E+00	0.00E+00	9.89E+00
			Co-60	<8.99E-01	0.00E+00	8.99E-01
			Zn-65	<8.62E+00	0.00E+00	8.62E+00
			Zr-95	<9.52E+00	0.00E+00	9.52E+00
			Nb-95	<4.93E+00	0.00E+00	4.93E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 46 [INDICATOR - SSE @ 17.2 miles]

Sample ID:	622031	Sample Dates: 9/30/2024 - 10/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<4.12E+00	0.00E+00	4.12E+00
			Cs-137	<5.63E+00	0.00E+00	5.63E+00
			BaLa-140	<8.72E+00	0.00E+00	8.72E+00
			Be-7	<4.34E+01	0.00E+00	4.34E+01
			K-40	5.75E+01	4.23E+01	6.12E+01
Sample ID:	**623268**	**Sample Dates: 10/28/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.31E+00	0.00E+00	3.31E+00
			Mn-54	<1.82E+00	0.00E+00	1.82E+00
			Co-58	<1.82E+00	0.00E+00	1.82E+00
			Fe-59	<3.80E+00	0.00E+00	3.80E+00
			Co-60	<1.61E+00	0.00E+00	1.61E+00
			Zn-65	<3.33E+00	0.00E+00	3.33E+00
			Zr-95	<3.21E+00	0.00E+00	3.21E+00
			Nb-95	<2.82E+00	0.00E+00	2.82E+00
			I-131	<1.05E+01	0.00E+00	1.05E+01
			Cs-134	<2.04E+00	0.00E+00	2.04E+00
			Cs-137	<2.11E+00	0.00E+00	2.11E+00
			BaLa-140	<6.48E+00	0.00E+00	6.48E+00
			Be-7	<1.97E+01	0.00E+00	1.97E+01
			K-40	7.56E+01	2.10E+01	2.51E+01
Sample ID:	**624018**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<2.35E+01	0.00E+00	1.96E+02
Sample ID:	**625057**	**Sample Dates: 11/25/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.21E+00	0.00E+00	3.21E+00
			Mn-54	<2.05E+00	0.00E+00	2.05E+00
			Co-58	<2.51E+00	0.00E+00	2.51E+00
			Fe-59	<4.92E+00	0.00E+00	4.92E+00
			Co-60	<2.01E+00	0.00E+00	2.01E+00
			Zn-65	<4.16E+00	0.00E+00	4.16E+00
			Zr-95	<4.14E+00	0.00E+00	4.14E+00
			Nb-95	<2.69E+00	0.00E+00	2.69E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<2.43E+00	0.00E+00	2.43E+00
			Cs-137	<1.88E+00	0.00E+00	1.88E+00
			BaLa-140	<6.53E+00	0.00E+00	6.53E+00
			Be-7	<2.22E+01	0.00E+00	2.22E+01
			K-40	9.74E+01	2.73E+01	2.94E+01

Sample Point 51 [INDICATOR - -- @ 0 miles]

Sample ID:	604257	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.18E+00	0.00E+00	3.18E+00
			Mn-54	<3.11E+00	0.00E+00	3.11E+00
			Co-58	<4.14E+00	0.00E+00	4.14E+00
			Fe-59	<5.00E+00	0.00E+00	5.00E+00
			Co-60	<3.89E+00	0.00E+00	3.89E+00
			Zn-65	<5.16E+00	0.00E+00	5.16E+00
			Zr-95	<5.87E+00	0.00E+00	5.87E+00
			Nb-95	<3.93E+00	0.00E+00	3.93E+00
			I-131	<1.28E+01	0.00E+00	1.28E+01
			Cs-134	<3.78E+00	0.00E+00	3.78E+00
			Cs-137	<3.22E+00	0.00E+00	3.22E+00
			BaLa-140	<9.79E+00	0.00E+00	9.79E+00
			Be-7	<3.16E+01	0.00E+00	3.16E+01
			K-40	6.46E+01	3.45E+01	4.67E+01
			H3DW	2.09E+03	1.75E+02	1.93E+02
Sample ID:	**606304**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.10E+00	0.00E+00	3.10E+00
			Mn-54	<3.22E+00	0.00E+00	3.22E+00
			Co-58	<3.43E+00	0.00E+00	3.43E+00
			Fe-59	<8.89E+00	0.00E+00	8.89E+00
			Co-60	<4.49E+00	0.00E+00	4.49E+00
			Zn-65	<5.97E+00	0.00E+00	5.97E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 51 [INDICATOR - -- @ 0 miles]

Sample ID: 606304 Sample Dates: 1/22/2024 - 2/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Zr-95	<6.88E+00	0.00E+00	6.88E+00
Nb-95	<3.86E+00	0.00E+00	3.86E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.86E+00	0.00E+00	3.86E+00
Cs-137	<3.50E+00	0.00E+00	3.50E+00
BaLa-140	<7.49E+00	0.00E+00	7.49E+00
Be-7	<3.60E+01	0.00E+00	3.60E+01
K-40	<7.80E+01	0.00E+00	7.80E+01
H3DW	1.54E+03	1.60E+02	1.93E+02

Sample ID: 609369 Sample Dates: 2/19/2024 - 3/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.19E+00	0.00E+00	3.19E+00
Mn-54	<3.45E+00	0.00E+00	3.45E+00
Co-58	<4.53E+00	0.00E+00	4.53E+00
Fe-59	<7.78E+00	0.00E+00	7.78E+00
Co-60	<3.52E+00	0.00E+00	3.52E+00
Zn-65	<7.24E+00	0.00E+00	7.24E+00
Zr-95	<5.20E+00	0.00E+00	5.20E+00
Nb-95	<4.86E+00	0.00E+00	4.86E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<4.92E+00	0.00E+00	4.92E+00
Cs-137	<3.56E+00	0.00E+00	3.56E+00
BaLa-140	<1.10E+01	0.00E+00	1.10E+01
Be-7	<4.82E+01	0.00E+00	4.82E+01
K-40	<7.95E+01	0.00E+00	7.95E+01
H3DW	2.07E+03	1.62E+02	1.76E+02

Sample ID: 611067 Sample Dates: 3/18/2024 - 4/15/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	3.40E+00	4.25E+00	3.19E+00
Mn-54	<2.99E+00	0.00E+00	2.99E+00
Co-58	<4.22E+00	0.00E+00	4.22E+00
Fe-59	<8.51E+00	0.00E+00	8.51E+00
Co-60	<3.30E+00	0.00E+00	3.30E+00
Zn-65	<7.38E+00	0.00E+00	7.38E+00
Zr-95	<8.46E+00	0.00E+00	8.46E+00
Nb-95	<4.74E+00	0.00E+00	4.74E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.21E+00	0.00E+00	4.21E+00
Cs-137	<2.91E+00	0.00E+00	2.91E+00
BaLa-140	<6.25E+00	0.00E+00	6.25E+00
Be-7	<3.44E+01	0.00E+00	3.44E+01
K-40	1.00E+02	3.59E+01	8.24E+00
H3DW	2.02E+03	1.67E+02	1.87E+02

Sample ID: 612333 Sample Dates: 4/15/2024 - 5/13/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.15E+00	0.00E+00	3.15E+00
Mn-54	<3.02E+00	0.00E+00	3.02E+00
Co-58	<3.11E+00	0.00E+00	3.11E+00
Fe-59	<8.51E+00	0.00E+00	8.51E+00
Co-60	<2.79E+00	0.00E+00	2.79E+00
Zn-65	<6.09E+00	0.00E+00	6.09E+00
Zr-95	<5.37E+00	0.00E+00	5.37E+00
Nb-95	<3.50E+00	0.00E+00	3.50E+00
I-131	<1.17E+01	0.00E+00	1.17E+01
Cs-134	<2.75E+00	0.00E+00	2.75E+00
Cs-137	<2.87E+00	0.00E+00	2.87E+00
BaLa-140	<5.28E+00	0.00E+00	5.28E+00
Be-7	<2.70E+01	0.00E+00	2.70E+01
K-40	1.02E+02	3.65E+01	4.34E+01
H3DW	1.78E+03	1.55E+02	1.76E+02

Sample ID: 614127 Sample Dates: 5/13/2024 - 6/10/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.25E+00	0.00E+00	3.25E+00
Mn-54	<3.05E+00	0.00E+00	3.05E+00
Co-58	<2.23E+00	0.00E+00	2.23E+00
Fe-59	<6.42E+00	0.00E+00	6.42E+00
Co-60	<2.31E+00	0.00E+00	2.31E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 51 [INDICATOR - -- @ 0 miles]

Sample ID: 614127 Sample Dates: 5/13/2024 - 6/10/2024

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<6.13E+00	0.00E+00	6.13E+00
Zr-95	<5.32E+00	0.00E+00	5.32E+00
Nb-95	<4.23E+00	0.00E+00	4.23E+00
I-131	<1.24E+01	0.00E+00	1.24E+01
Cs-134	<3.30E+00	0.00E+00	3.30E+00
Cs-137	<2.82E+00	0.00E+00	2.82E+00
BaLa-140	<7.77E+00	0.00E+00	7.77E+00
Be-7	<3.31E+01	0.00E+00	3.31E+01
K-40	9.50E+01	3.13E+01	3.12E+01
H3DW	1.91E+03	1.57E+02	1.73E+02

Sample ID: 615148 Sample Dates: 6/10/2024 - 7/8/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.22E+00	0.00E+00	3.22E+00
Mn-54	<3.37E+00	0.00E+00	3.37E+00
Co-58	<3.56E+00	0.00E+00	3.56E+00
Fe-59	<8.04E+00	0.00E+00	8.04E+00
Co-60	<2.92E+00	0.00E+00	2.92E+00
Zn-65	<7.50E+00	0.00E+00	7.50E+00
Zr-95	<8.72E+00	0.00E+00	8.72E+00
Nb-95	<4.58E+00	0.00E+00	4.58E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<3.90E+00	0.00E+00	3.90E+00
Cs-137	<4.05E+00	0.00E+00	4.05E+00
BaLa-140	<5.56E+00	0.00E+00	5.56E+00
Be-7	<3.36E+01	0.00E+00	3.36E+01
K-40	4.32E+01	3.54E+01	5.31E+01
H3DW	2.28E+03	1.70E+02	1.84E+02

Sample ID: 617092 Sample Dates: 7/8/2024 - 8/5/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	3.30E+00	4.36E+00	3.27E+00
Mn-54	<2.82E+00	0.00E+00	2.82E+00
Co-58	<2.18E+00	0.00E+00	2.18E+00
Fe-59	<6.39E+00	0.00E+00	6.39E+00
Co-60	<3.08E+00	0.00E+00	3.08E+00
Zn-65	<6.07E+00	0.00E+00	6.07E+00
Zr-95	<4.75E+00	0.00E+00	4.75E+00
Nb-95	<3.74E+00	0.00E+00	3.74E+00
I-131	<1.18E+01	0.00E+00	1.18E+01
Cs-134	<2.46E+00	0.00E+00	2.46E+00
Cs-137	<2.67E+00	0.00E+00	2.67E+00
BaLa-140	<6.75E+00	0.00E+00	6.75E+00
Be-7	<2.77E+01	0.00E+00	2.77E+01
K-40	1.04E+02	3.15E+01	3.04E+01
H3DW	2.25E+03	1.71E+02	1.90E+02

Sample ID: 618481 Sample Dates: 8/5/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.57E+00	0.00E+00	3.57E+00
Co-58	<4.27E+00	0.00E+00	4.27E+00
Fe-59	<9.83E+00	0.00E+00	9.83E+00
Co-60	<4.58E+00	0.00E+00	4.58E+00
Zn-65	<5.82E+00	0.00E+00	5.82E+00
Zr-95	<6.78E+00	0.00E+00	6.78E+00
Nb-95	<4.30E+00	0.00E+00	4.30E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.80E+00	0.00E+00	3.80E+00
Cs-137	<3.72E+00	0.00E+00	3.72E+00
BaLa-140	<9.74E+00	0.00E+00	9.74E+00
Be-7	<2.92E+01	0.00E+00	2.92E+01
K-40	5.45E+01	3.58E+01	5.06E+01
H3DW	2.48E+03	1.77E+02	1.90E+02

Sample ID: 620433 Sample Dates: 9/3/2024 - 9/30/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.23E+00	0.00E+00	3.23E+00
Mn-54	<3.90E+00	0.00E+00	3.90E+00
Co-58	<3.04E+00	0.00E+00	3.04E+00
Fe-59	<6.78E+00	0.00E+00	6.78E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 51 [INDICATOR - -- @ 0 miles]

Sample ID: 620433 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Co-60	<4.11E+00	0.00E+00	4.11E+00
Zn-65	<5.92E+00	0.00E+00	5.92E+00
Zr-95	<8.25E+00	0.00E+00	8.25E+00
Nb-95	<4.69E+00	0.00E+00	4.69E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<2.23E+00	0.00E+00	2.23E+00
Cs-137	<2.98E+00	0.00E+00	2.98E+00
BaLa-140	<9.33E+00	0.00E+00	9.33E+00
Be-7	<3.11E+01	0.00E+00	3.11E+01
K-40	7.85E+01	3.07E+01	2.58E+01
H3DW	2.35E+03	1.82E+02	1.95E+02

Sample ID: 622032 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.32E+00	0.00E+00	3.32E+00
Mn-54	<3.22E+00	0.00E+00	3.22E+00
Co-58	<3.33E+00	0.00E+00	3.33E+00
Fe-59	<7.62E+00	0.00E+00	7.62E+00
Co-60	<2.90E+00	0.00E+00	2.90E+00
Zn-65	<7.93E+00	0.00E+00	7.93E+00
Zr-95	<6.36E+00	0.00E+00	6.36E+00
Nb-95	<3.11E+00	0.00E+00	3.11E+00
I-131	<1.22E+01	0.00E+00	1.22E+01
Cs-134	<3.33E+00	0.00E+00	3.33E+00
Cs-137	<2.55E+00	0.00E+00	2.55E+00
BaLa-140	<8.10E+00	0.00E+00	8.10E+00
Be-7	<3.64E+01	0.00E+00	3.64E+01
K-40	9.98E+01	3.84E+01	4.42E+01
H3DW	2.02E+03	1.63E+02	1.82E+02

Sample ID: 623269 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.31E+00	0.00E+00	3.31E+00
Mn-54	<1.83E+00	0.00E+00	1.83E+00
Co-58	<2.42E+00	0.00E+00	2.42E+00
Fe-59	<4.92E+00	0.00E+00	4.92E+00
Co-60	<1.89E+00	0.00E+00	1.89E+00
Zn-65	<4.58E+00	0.00E+00	4.58E+00
Zr-95	<4.56E+00	0.00E+00	4.56E+00
Nb-95	<2.72E+00	0.00E+00	2.72E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<2.41E+00	0.00E+00	2.41E+00
Cs-137	<2.13E+00	0.00E+00	2.13E+00
BaLa-140	<7.96E+00	0.00E+00	7.96E+00
Be-7	<2.69E+01	0.00E+00	2.69E+01
K-40	1.12E+02	2.54E+01	2.28E+01
H3DW	2.11E+03	1.71E+02	1.88E+02

Sample ID: 625058 **Sample Dates: 11/25/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.21E+00	0.00E+00	3.21E+00
Mn-54	<1.74E+00	0.00E+00	1.74E+00
Co-58	<1.87E+00	0.00E+00	1.87E+00
Fe-59	<3.68E+00	0.00E+00	3.68E+00
Co-60	<1.62E+00	0.00E+00	1.62E+00
Zn-65	<3.80E+00	0.00E+00	3.80E+00
Zr-95	<3.20E+00	0.00E+00	3.20E+00
Nb-95	<2.32E+00	0.00E+00	2.32E+00
I-131	<1.07E+01	0.00E+00	1.07E+01
Cs-134	<1.78E+00	0.00E+00	1.78E+00
Cs-137	<1.68E+00	0.00E+00	1.68E+00
BaLa-140	<5.02E+00	0.00E+00	5.02E+00
Be-7	<1.86E+01	0.00E+00	1.86E+01
K-40	5.42E+01	2.13E+01	2.97E+01
H3DW	2.41E+03	1.73E+02	1.85E+02

Sample Point 58 [CONTROL - SW @ 8.5 miles]

Sample ID: 604258 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.18E+00	0.00E+00	3.18E+00

Sample ID: 604258 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.70E+00	0.00E+00	3.70E+00
Co-58	<3.65E+00	0.00E+00	3.65E+00
Fe-59	<7.44E+00	0.00E+00	7.44E+00
Co-60	<4.76E+00	0.00E+00	4.76E+00
Zn-65	<7.00E+00	0.00E+00	7.00E+00
Zr-95	<5.89E+00	0.00E+00	5.89E+00
Nb-95	<4.07E+00	0.00E+00	4.07E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.50E+00	0.00E+00	4.50E+00
Cs-137	<3.59E+00	0.00E+00	3.59E+00
BaLa-140	<4.93E+00	0.00E+00	4.93E+00
Be-7	<3.11E+01	0.00E+00	3.11E+01
K-40	9.42E+01	4.21E+01	5.28E+01

Sample ID: 606305 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.22E+00	0.00E+00	3.22E+00
Co-58	<3.21E+00	0.00E+00	3.21E+00
Fe-59	<8.04E+00	0.00E+00	8.04E+00
Co-60	<3.12E+00	0.00E+00	3.12E+00
Zn-65	<5.75E+00	0.00E+00	5.75E+00
Zr-95	<6.60E+00	0.00E+00	6.60E+00
Nb-95	<3.35E+00	0.00E+00	3.35E+00
I-131	<1.21E+01	0.00E+00	1.21E+01
Cs-134	<2.87E+00	0.00E+00	2.87E+00
Cs-137	<3.12E+00	0.00E+00	3.12E+00
BaLa-140	<8.48E+00	0.00E+00	8.48E+00
Be-7	<3.40E+01	0.00E+00	3.40E+01
K-40	<5.22E+01	0.00E+00	5.22E+01

Sample ID: 609370 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.19E+00	0.00E+00	3.19E+00
Mn-54	<3.49E+00	0.00E+00	3.49E+00
Co-58	<3.13E+00	0.00E+00	3.13E+00
Fe-59	<7.27E+00	0.00E+00	7.27E+00
Co-60	<1.90E+00	0.00E+00	1.90E+00
Zn-65	<6.95E+00	0.00E+00	6.95E+00
Zr-95	<5.41E+00	0.00E+00	5.41E+00
Nb-95	<4.60E+00	0.00E+00	4.60E+00
I-131	<1.19E+01	0.00E+00	1.19E+01
Cs-134	<3.52E+00	0.00E+00	3.52E+00
Cs-137	<3.20E+00	0.00E+00	3.20E+00
BaLa-140	<6.54E+00	0.00E+00	6.54E+00
Be-7	<2.65E+01	0.00E+00	2.65E+01
K-40	6.96E+01	3.13E+01	4.01E+01

Sample ID: 607627 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<6.23E+01	0.00E+00	1.88E+02

Sample ID: 611068 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.19E+00	0.00E+00	3.19E+00
Mn-54	<2.94E+00	0.00E+00	2.94E+00
Co-58	<4.01E+00	0.00E+00	4.01E+00
Fe-59	<6.86E+00	0.00E+00	6.86E+00
Co-60	<2.95E+00	0.00E+00	2.95E+00
Zn-65	<7.55E+00	0.00E+00	7.55E+00
Zr-95	<7.12E+00	0.00E+00	7.12E+00
Nb-95	<5.68E+00	0.00E+00	5.68E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.13E+00	0.00E+00	4.13E+00
Cs-137	<3.51E+00	0.00E+00	3.51E+00
BaLa-140	<8.24E+00	0.00E+00	8.24E+00
Be-7	<3.49E+01	0.00E+00	3.49E+01
K-40	9.97E+01	3.48E+01	2.85E+01

Sample ID: 612334 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.15E+00	0.00E+00	3.15E+00

Sample ID:	612334	Sample Dates: 4/15/2024 - 5/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<3.37E+00	0.00E+00	3.37E+00
			Co-58	<4.40E+00	0.00E+00	4.40E+00
			Fe-59	<6.98E+00	0.00E+00	6.98E+00
			Co-60	<3.53E+00	0.00E+00	3.53E+00
			Zn-65	<6.80E+00	0.00E+00	6.80E+00
			Zr-95	<5.43E+00	0.00E+00	5.43E+00
			Nb-95	<4.10E+00	0.00E+00	4.10E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<2.92E+00	0.00E+00	2.92E+00
			Cs-137	<4.06E+00	0.00E+00	4.06E+00
			BaLa-140	<6.35E+00	0.00E+00	6.35E+00
			Be-7	<3.11E+01	0.00E+00	3.11E+01
			K-40	7.95E+01	3.63E+01	4.65E+01
Sample ID:	**614128**	**Sample Dates: 5/13/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.25E+00	0.00E+00	3.25E+00
			Mn-54	<3.16E+00	0.00E+00	3.16E+00
			Co-58	<2.47E+00	0.00E+00	2.47E+00
			Fe-59	<6.04E+00	0.00E+00	6.04E+00
			Co-60	<2.27E+00	0.00E+00	2.27E+00
			Zn-65	<5.54E+00	0.00E+00	5.54E+00
			Zr-95	<6.42E+00	0.00E+00	6.42E+00
			Nb-95	<3.78E+00	0.00E+00	3.78E+00
			I-131	<1.26E+01	0.00E+00	1.26E+01
			Cs-134	<2.48E+00	0.00E+00	2.48E+00
			Cs-137	<1.88E+00	0.00E+00	1.88E+00
			BaLa-140	<7.69E+00	0.00E+00	7.69E+00
			Be-7	<3.08E+01	0.00E+00	3.08E+01
			K-40	7.60E+01	3.24E+01	4.11E+01
Sample ID:	**613520**	**Sample Dates: 4/15/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<-7.0E+01	0.00E+00	1.93E+02
Sample ID:	**615149**	**Sample Dates: 6/10/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	6.73E+00	4.37E+00	3.22E+00
			Mn-54	<3.63E+00	0.00E+00	3.63E+00
			Co-58	<4.49E+00	0.00E+00	4.49E+00
			Fe-59	<8.43E+00	0.00E+00	8.43E+00
			Co-60	<3.03E+00	0.00E+00	3.03E+00
			Zn-65	<7.84E+00	0.00E+00	7.84E+00
			Zr-95	<9.01E+00	0.00E+00	9.01E+00
			Nb-95	<4.81E+00	0.00E+00	4.81E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<4.26E+00	0.00E+00	4.26E+00
			Cs-137	<3.74E+00	0.00E+00	3.74E+00
			BaLa-140	<8.49E+00	0.00E+00	8.49E+00
			Be-7	<4.26E+01	0.00E+00	4.26E+01
			K-40	<7.77E+01	0.00E+00	7.77E+01
Sample ID:	**617093**	**Sample Dates: 7/8/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.27E+00	0.00E+00	3.27E+00
			Mn-54	<3.33E+00	0.00E+00	3.33E+00
			Co-58	<3.86E+00	0.00E+00	3.86E+00
			Fe-59	<5.29E+00	0.00E+00	5.29E+00
			Co-60	<2.94E+00	0.00E+00	2.94E+00
			Zn-65	<7.17E+00	0.00E+00	7.17E+00
			Zr-95	<5.14E+00	0.00E+00	5.14E+00
			Nb-95	<4.69E+00	0.00E+00	4.69E+00
			I-131	<1.29E+01	0.00E+00	1.29E+01
			Cs-134	<4.08E+00	0.00E+00	4.08E+00
			Cs-137	<3.09E+00	0.00E+00	3.09E+00
			BaLa-140	<1.20E+01	0.00E+00	1.20E+01
			Be-7	<3.11E+01	0.00E+00	3.11E+01
			K-40	6.19E+01	3.17E+01	3.88E+01
Sample ID:	**618482**	**Sample Dates: 8/5/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.10E+00	0.00E+00	3.10E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 58 [CONTROL - SW @ 8.5 miles]

Sample ID:	618482	Sample Dates: 8/5/2024 - 9/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<3.09E+00	0.00E+00	3.09E+00
			Co-58	<2.50E+00	0.00E+00	2.50E+00
			Fe-59	<6.22E+00	0.00E+00	6.22E+00
			Co-60	<2.35E+00	0.00E+00	2.35E+00
			Zn-65	<6.44E+00	0.00E+00	6.44E+00
			Zr-95	<4.63E+00	0.00E+00	4.63E+00
			Nb-95	<3.61E+00	0.00E+00	3.61E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<2.48E+00	0.00E+00	2.48E+00
			Cs-137	<2.62E+00	0.00E+00	2.62E+00
			BaLa-140	<7.23E+00	0.00E+00	7.23E+00
			Be-7	<2.62E+01	0.00E+00	2.62E+01
			K-40	9.96E+01	3.28E+01	3.37E+01
Sample ID:	**618388**	**Sample Dates: 7/8/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<3.24E+01	0.00E+00	1.94E+02
Sample ID:	**620434**	**Sample Dates: 9/3/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	3.31E+00	4.31E+00	3.23E+00
			Mn-54	<3.01E+00	0.00E+00	3.01E+00
			Co-58	<4.17E+00	0.00E+00	4.17E+00
			Fe-59	<9.84E+00	0.00E+00	9.84E+00
			Co-60	<4.00E+00	0.00E+00	4.00E+00
			Zn-65	<8.67E+00	0.00E+00	8.67E+00
			Zr-95	<8.93E+00	0.00E+00	8.93E+00
			Nb-95	<4.92E+00	0.00E+00	4.92E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<3.63E+00	0.00E+00	3.63E+00
			Cs-137	<4.90E+00	0.00E+00	4.90E+00
			BaLa-140	<9.66E+00	0.00E+00	9.66E+00
			Be-7	<4.36E+01	0.00E+00	4.36E+01
			K-40	6.59E+01	4.40E+01	6.21E+01
Sample ID:	**622033**	**Sample Dates: 9/30/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.32E+00	0.00E+00	3.32E+00
			Mn-54	<3.21E+00	0.00E+00	3.21E+00
			Co-58	<3.00E+00	0.00E+00	3.00E+00
			Fe-59	<6.81E+00	0.00E+00	6.81E+00
			Co-60	<2.69E+00	0.00E+00	2.69E+00
			Zn-65	<6.61E+00	0.00E+00	6.61E+00
			Zr-95	<6.86E+00	0.00E+00	6.86E+00
			Nb-95	<4.76E+00	0.00E+00	4.76E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<3.66E+00	0.00E+00	3.66E+00
			Cs-137	<3.82E+00	0.00E+00	3.82E+00
			BaLa-140	<8.15E+00	0.00E+00	8.15E+00
			Be-7	<3.08E+01	0.00E+00	3.08E+01
			K-40	1.10E+02	4.72E+01	6.40E+01
Sample ID:	**623270**	**Sample Dates: 10/28/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.31E+00	0.00E+00	3.31E+00
			Mn-54	<1.55E+00	0.00E+00	1.55E+00
			Co-58	<1.74E+00	0.00E+00	1.74E+00
			Fe-59	<3.65E+00	0.00E+00	3.65E+00
			Co-60	<1.44E+00	0.00E+00	1.44E+00
			Zn-65	<3.38E+00	0.00E+00	3.38E+00
			Zr-95	<3.32E+00	0.00E+00	3.32E+00
			Nb-95	<2.15E+00	0.00E+00	2.15E+00
			I-131	<1.10E+01	0.00E+00	1.10E+01
			Cs-134	<1.66E+00	0.00E+00	1.66E+00
			Cs-137	<1.41E+00	0.00E+00	1.41E+00
			BaLa-140	<4.83E+00	0.00E+00	4.83E+00
			Be-7	<1.49E+01	0.00E+00	1.49E+01
			K-40	9.00E+01	2.01E+01	2.16E+01
Sample ID:	**624019**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<-2.1E+01	0.00E+00	1.96E+02

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 58 [CONTROL - SW @ 8.5 miles]

Sample ID: 625059 Sample Dates: 11/25/2024 - 12/23/2024

Nuclide	Activity	2 Sigma Error	MDA
Beta	3.72E+00	4.29E+00	3.21E+00
Mn-54	<1.85E+00	0.00E+00	1.85E+00
Co-58	<2.17E+00	0.00E+00	2.17E+00
Fe-59	<4.90E+00	0.00E+00	4.90E+00
Co-60	<2.12E+00	0.00E+00	2.12E+00
Zn-65	<4.03E+00	0.00E+00	4.03E+00
Zr-95	<3.44E+00	0.00E+00	3.44E+00
Nb-95	<2.83E+00	0.00E+00	2.83E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<2.07E+00	0.00E+00	2.07E+00
Cs-137	<2.06E+00	0.00E+00	2.06E+00
BaLa-140	<6.34E+00	0.00E+00	6.34E+00
Be-7	<2.01E+01	0.00E+00	2.01E+01
K-40	7.34E+01	2.55E+01	3.35E+01

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 44 [INDICATOR - -- @ 0 miles]

Sample ID: 609977 Sample Dates: 4/22/2024 - 4/22/2024 FREESWIM

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.14E+01	0.00E+00	5.14E+01
Co-58	<5.67E+01	0.00E+00	5.67E+01
Fe-59	<1.16E+02	0.00E+00	1.16E+02
Co-60	<5.78E+01	0.00E+00	5.78E+01
Zn-65	<1.11E+02	0.00E+00	1.11E+02
Nb-95	<5.98E+01	0.00E+00	5.98E+01
I-131	<1.06E+02	0.00E+00	1.06E+02
Cs-134	<5.22E+01	0.00E+00	5.22E+01
Cs-137	<4.76E+01	0.00E+00	4.76E+01
Be-7	<4.60E+02	0.00E+00	4.60E+02
K-40	4.52E+03	1.02E+03	7.65E+02
Ag-110M	<3.67E+01	0.00E+00	3.67E+01
Sb-122	<5.99E+02	0.00E+00	5.99E+02
Sb-125	<1.46E+02	0.00E+00	1.46E+02

Sample ID: 609978 Sample Dates: 4/22/2024 - 4/22/2024 BOTMFEEDER

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.73E+01	0.00E+00	5.73E+01
Co-58	<5.62E+01	0.00E+00	5.62E+01
Fe-59	<8.11E+01	0.00E+00	8.11E+01
Co-60	<6.69E+01	0.00E+00	6.69E+01
Zn-65	<9.11E+01	0.00E+00	9.11E+01
Nb-95	<6.84E+01	0.00E+00	6.84E+01
I-131	<8.87E+01	0.00E+00	8.87E+01
Cs-134	<5.65E+01	0.00E+00	5.65E+01
Cs-137	<5.34E+01	0.00E+00	5.34E+01
Be-7	<3.91E+02	0.00E+00	3.91E+02
K-40	4.74E+03	1.02E+03	6.10E+02
Ag-110M	<5.05E+01	0.00E+00	5.05E+01
Sb-122	<8.28E+02	0.00E+00	8.28E+02
Sb-125	<1.47E+02	0.00E+00	1.47E+02

Sample ID: 610030 Sample Dates: 4/22/2024 - 4/22/2024 FREESWIM

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.91E+01	0.00E+00	5.91E+01
Co-58	<5.99E+01	0.00E+00	5.99E+01
Fe-59	<7.78E+01	0.00E+00	7.78E+01
Co-60	<5.62E+01	0.00E+00	5.62E+01
Zn-65	<1.40E+02	0.00E+00	1.40E+02
Nb-95	<6.61E+01	0.00E+00	6.61E+01
I-131	<1.15E+02	0.00E+00	1.15E+02
Cs-134	<5.68E+01	0.00E+00	5.68E+01
Cs-137	<4.64E+01	0.00E+00	4.64E+01
Be-7	<3.40E+02	0.00E+00	3.40E+02
K-40	4.69E+03	1.04E+03	5.50E+02
Ag-110M	<3.60E+01	0.00E+00	3.60E+01
Sb-122	<9.25E+02	0.00E+00	9.25E+02
Sb-125	<1.31E+02	0.00E+00	1.31E+02

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 44 [INDICATOR - -- @ 0 miles]

Sample ID:	620458	Sample Dates: 10/15/2024 - 10/15/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<5.84E+01	0.00E+00	5.84E+01
				Co-58	<4.57E+01	0.00E+00	4.57E+01
				Fe-59	<1.30E+02	0.00E+00	1.30E+02
				Co-60	<7.15E+01	0.00E+00	7.15E+01
				Zn-65	<1.28E+02	0.00E+00	1.28E+02
				Nb-95	<6.09E+01	0.00E+00	6.09E+01
				I-131	<8.98E+01	0.00E+00	8.98E+01
				Cs-134	<6.04E+01	0.00E+00	6.04E+01
				Cs-137	<5.89E+01	0.00E+00	5.89E+01
				Be-7	<4.96E+02	0.00E+00	4.96E+02
				K-40	4.81E+03	1.16E+03	1.12E+03
				Ag-110M	<5.50E+01	0.00E+00	5.50E+01
				Sb-122	<5.57E+02	0.00E+00	5.57E+02
				Sb-125	<1.28E+02	0.00E+00	1.28E+02
Sample ID:	**620459**	**Sample Dates: 10/15/2024 - 10/15/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.69E+01	0.00E+00	5.69E+01
				Co-58	<7.17E+01	0.00E+00	7.17E+01
				Fe-59	<1.21E+02	0.00E+00	1.21E+02
				Co-60	<6.37E+01	0.00E+00	6.37E+01
				Zn-65	<1.34E+02	0.00E+00	1.34E+02
				Nb-95	<7.70E+01	0.00E+00	7.70E+01
				I-131	<1.13E+02	0.00E+00	1.13E+02
				Cs-134	<7.67E+01	0.00E+00	7.67E+01
				Cs-137	<4.81E+01	0.00E+00	4.81E+01
				Be-7	<3.71E+02	0.00E+00	3.71E+02
				K-40	4.35E+03	1.05E+03	5.37E+02
				Ag-110M	<4.36E+01	0.00E+00	4.36E+01
				Sb-122	<5.68E+02	0.00E+00	5.68E+02
				Sb-125	<1.47E+02	0.00E+00	1.47E+02
Sample ID:	**620462**	**Sample Dates: 10/15/2024 - 10/15/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.59E+01	0.00E+00	4.59E+01
				Co-58	<4.80E+01	0.00E+00	4.80E+01
				Fe-59	<1.11E+02	0.00E+00	1.11E+02
				Co-60	<3.74E+01	0.00E+00	3.74E+01
				Zn-65	<1.21E+02	0.00E+00	1.21E+02
				Nb-95	<7.08E+01	0.00E+00	7.08E+01
				I-131	<8.63E+01	0.00E+00	8.63E+01
				Cs-134	<5.78E+01	0.00E+00	5.78E+01
				Cs-137	<5.97E+01	0.00E+00	5.97E+01
				Be-7	<5.20E+02	0.00E+00	5.20E+02
				K-40	4.21E+03	9.93E+02	6.79E+02
				Ag-110M	<5.60E+01	0.00E+00	5.60E+01
				Sb-122	<5.62E+02	0.00E+00	5.62E+02
				Sb-125	<1.16E+02	0.00E+00	1.16E+02

Sample Point 45 [CONTROL - -- @ 0 miles]

Sample ID:	609979	Sample Dates: 4/22/2024 - 4/22/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<6.25E+01	0.00E+00	6.25E+01
				Co-58	<4.80E+01	0.00E+00	4.80E+01
				Fe-59	<9.85E+01	0.00E+00	9.85E+01
				Co-60	<3.91E+01	0.00E+00	3.91E+01
				Zn-65	<1.26E+02	0.00E+00	1.26E+02
				Nb-95	<4.75E+01	0.00E+00	4.75E+01
				I-131	<1.01E+02	0.00E+00	1.01E+02
				Cs-134	<4.40E+01	0.00E+00	4.40E+01
				Cs-137	<3.14E+01	0.00E+00	3.14E+01
				Be-7	<4.43E+02	0.00E+00	4.43E+02
				K-40	4.29E+03	1.00E+03	7.75E+02
				Ag-110M	<4.42E+01	0.00E+00	4.42E+01
				Sb-122	<6.44E+02	0.00E+00	6.44E+02
				Sb-125	<1.25E+02	0.00E+00	1.25E+02
Sample ID:	**609980**	**Sample Dates: 4/22/2024 - 4/22/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<6.03E+01	0.00E+00	6.03E+01

Sample ID: 609980 **Sample Dates: 4/22/2024 - 4/22/2024** **BOTMFEEDER**

Nuclide	Activity	2 Sigma Error	MDA
Co-58	<5.91E+01	0.00E+00	5.91E+01
Fe-59	<7.38E+01	0.00E+00	7.38E+01
Co-60	<4.13E+01	0.00E+00	4.13E+01
Zn-65	<1.20E+02	0.00E+00	1.20E+02
Nb-95	<5.96E+01	0.00E+00	5.96E+01
I-131	<1.02E+02	0.00E+00	1.02E+02
Cs-134	<6.22E+01	0.00E+00	6.22E+01
Cs-137	<4.65E+01	0.00E+00	4.65E+01
Be-7	<4.81E+02	0.00E+00	4.81E+02
K-40	3.90E+03	1.04E+03	1.02E+03
Ag-110M	<4.23E+01	0.00E+00	4.23E+01
Sb-122	<8.23E+02	0.00E+00	8.23E+02
Sb-125	<1.35E+02	0.00E+00	1.35E+02

Sample ID: 610031 **Sample Dates: 4/22/2024 - 4/22/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.34E+01	0.00E+00	5.34E+01
Co-58	<5.01E+01	0.00E+00	5.01E+01
Fe-59	<1.12E+02	0.00E+00	1.12E+02
Co-60	<5.16E+01	0.00E+00	5.16E+01
Zn-65	<1.18E+02	0.00E+00	1.18E+02
Nb-95	<6.39E+01	0.00E+00	6.39E+01
I-131	<8.61E+01	0.00E+00	8.61E+01
Cs-134	<5.02E+01	0.00E+00	5.02E+01
Cs-137	<5.17E+01	0.00E+00	5.17E+01
Be-7	<3.19E+02	0.00E+00	3.19E+02
K-40	4.24E+03	9.39E+02	6.35E+02
Ag-110M	<5.62E+01	0.00E+00	5.62E+01
Sb-122	<7.18E+02	0.00E+00	7.18E+02
Sb-125	<1.13E+02	0.00E+00	1.13E+02

Sample ID: 620460 **Sample Dates: 10/14/2024 - 10/14/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.48E+01	0.00E+00	4.48E+01
Co-58	<4.99E+01	0.00E+00	4.99E+01
Fe-59	<1.03E+02	0.00E+00	1.03E+02
Co-60	<4.99E+01	0.00E+00	4.99E+01
Zn-65	<8.02E+01	0.00E+00	8.02E+01
Nb-95	<4.93E+01	0.00E+00	4.93E+01
I-131	<8.84E+01	0.00E+00	8.84E+01
Cs-134	<4.69E+01	0.00E+00	4.69E+01
Cs-137	<6.16E+01	0.00E+00	6.16E+01
Be-7	<4.56E+02	0.00E+00	4.56E+02
K-40	2.61E+03	7.47E+02	5.84E+02
Ag-110M	<4.37E+01	0.00E+00	4.37E+01
Sb-122	<6.36E+02	0.00E+00	6.36E+02
Sb-125	<1.40E+02	0.00E+00	1.40E+02

Sample ID: 620461 **Sample Dates: 10/14/2024 - 10/14/2024** **BOTMFEEDER**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.78E+01	0.00E+00	5.78E+01
Co-58	<5.67E+01	0.00E+00	5.67E+01
Fe-59	<1.09E+02	0.00E+00	1.09E+02
Co-60	<4.96E+01	0.00E+00	4.96E+01
Zn-65	<1.05E+02	0.00E+00	1.05E+02
Nb-95	<7.15E+01	0.00E+00	7.15E+01
I-131	<1.06E+02	0.00E+00	1.06E+02
Cs-134	<5.77E+01	0.00E+00	5.77E+01
Cs-137	<4.33E+01	0.00E+00	4.33E+01
Be-7	<2.95E+02	0.00E+00	2.95E+02
K-40	4.62E+03	1.00E+03	6.46E+02
Ag-110M	<3.69E+01	0.00E+00	3.69E+01
Sb-122	<4.80E+02	0.00E+00	4.80E+02
Sb-125	<1.44E+02	0.00E+00	1.44E+02

Sample ID: 620463 **Sample Dates: 10/14/2024 - 10/14/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.03E+01	0.00E+00	4.03E+01
Co-58	<5.66E+01	0.00E+00	5.66E+01
Fe-59	<9.21E+01	0.00E+00	9.21E+01
Co-60	<4.80E+01	0.00E+00	4.80E+01

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 45 [CONTROL - -- @ 0 miles]

Sample ID: 620463 **Sample Dates: 10/14/2024 - 10/14/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<9.38E+01	0.00E+00	9.38E+01
Nb-95	<5.23E+01	0.00E+00	5.23E+01
I-131	<1.05E+02	0.00E+00	1.05E+02
Cs-134	<5.55E+01	0.00E+00	5.55E+01
Cs-137	<3.32E+01	0.00E+00	3.32E+01
Be-7	<4.39E+02	0.00E+00	4.39E+02
K-40	4.30E+03	9.78E+02	7.40E+02
Ag-110M	<4.55E+01	0.00E+00	4.55E+01
Sb-122	<3.80E+02	0.00E+00	3.80E+02
Sb-125	<1.18E+02	0.00E+00	1.18E+02

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 57 [INDICATOR - SSW @ 0.4 miles]

Sample ID: 604697 **Sample Dates: 2/13/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.28E+00	0.00E+00	7.28E+00
Co-58	<5.82E+00	0.00E+00	5.82E+00
Fe-59	<1.12E+01	0.00E+00	1.12E+01
Co-60	<7.90E+00	0.00E+00	7.90E+00
Zn-65	<1.39E+01	0.00E+00	1.39E+01
Zr-95	<1.14E+01	0.00E+00	1.14E+01
Nb-95	<7.77E+00	0.00E+00	7.77E+00
I-131	<8.60E+00	0.00E+00	8.60E+00
Cs-134	<6.50E+00	0.00E+00	6.50E+00
Cs-137	<6.83E+00	0.00E+00	6.83E+00
BaLa-140	<7.74E+00	0.00E+00	7.74E+00
Be-7	<5.28E+01	0.00E+00	5.28E+01
K-40	2.13E+02	8.77E+01	1.13E+02
H3GW	<9.07E+01	0.00E+00	1.81E+02

Sample ID: 611654 **Sample Dates: 5/21/2024 - 5/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.02E+00	0.00E+00	6.02E+00
Co-58	<4.38E+00	0.00E+00	4.38E+00
Fe-59	<1.25E+01	0.00E+00	1.25E+01
Co-60	<6.31E+00	0.00E+00	6.31E+00
Zn-65	<1.30E+01	0.00E+00	1.30E+01
Zr-95	<9.84E+00	0.00E+00	9.84E+00
Nb-95	<7.63E+00	0.00E+00	7.63E+00
I-131	<1.19E+01	0.00E+00	1.19E+01
Cs-134	<6.07E+00	0.00E+00	6.07E+00
Cs-137	<5.84E+00	0.00E+00	5.84E+00
BaLa-140	<1.27E+01	0.00E+00	1.27E+01
Be-7	<5.19E+01	0.00E+00	5.19E+01
K-40	2.45E+02	8.82E+01	1.06E+02
H3GW	1.93E+02	1.15E+02	1.87E+02

Sample ID: 616913 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.78E+00	0.00E+00	4.78E+00
Co-58	<5.23E+00	0.00E+00	5.23E+00
Fe-59	<1.36E+01	0.00E+00	1.36E+01
Co-60	<6.83E+00	0.00E+00	6.83E+00
Zn-65	<1.02E+01	0.00E+00	1.02E+01
Zr-95	<7.95E+00	0.00E+00	7.95E+00
Nb-95	<4.71E+00	0.00E+00	4.71E+00
I-131	<6.39E+00	0.00E+00	6.39E+00
Cs-134	<5.37E+00	0.00E+00	5.37E+00
Cs-137	<5.08E+00	0.00E+00	5.08E+00
BaLa-140	<9.05E+00	0.00E+00	9.05E+00
Be-7	<5.72E+01	0.00E+00	5.72E+01
K-40	1.14E+02	5.41E+01	6.23E+01
H3GW	<3.76E+01	0.00E+00	2.03E+02

Sample ID: 621463 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.54E+00	0.00E+00	6.54E+00
Co-58	<7.21E+00	0.00E+00	7.21E+00
Fe-59	<1.34E+01	0.00E+00	1.34E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 57 [INDICATOR - SSW @ 0.4 miles]

Sample ID: 621463 Sample Dates: 11/18/2024 - 11/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Co-60	<7.09E+00	0.00E+00	7.09E+00
Zn-65	<1.64E+01	0.00E+00	1.64E+01
Zr-95	<1.26E+01	0.00E+00	1.26E+01
Nb-95	<7.98E+00	0.00E+00	7.98E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<8.22E+00	0.00E+00	8.22E+00
Cs-137	<8.15E+00	0.00E+00	8.15E+00
BaLa-140	<8.78E+00	0.00E+00	8.78E+00
Be-7	<5.11E+01	0.00E+00	5.11E+01
K-40	1.59E+02	7.35E+01	9.05E+01
H3GW	<9.96E+01	0.00E+00	1.82E+02

Sample Point 59 [INDICATOR - NNE @ 0.5 miles]

Sample ID: 604698 Sample Dates: 2/13/2024 - 2/13/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.48E+00	0.00E+00	5.48E+00
Co-58	<5.96E+00	0.00E+00	5.96E+00
Fe-59	<9.34E+00	0.00E+00	9.34E+00
Co-60	<8.89E+00	0.00E+00	8.89E+00
Zn-65	<8.42E+00	0.00E+00	8.42E+00
Zr-95	<7.76E+00	0.00E+00	7.76E+00
Nb-95	<7.63E+00	0.00E+00	7.63E+00
I-131	<7.93E+00	0.00E+00	7.93E+00
Cs-134	<7.93E+00	0.00E+00	7.93E+00
Cs-137	<7.52E+00	0.00E+00	7.52E+00
BaLa-140	<8.77E+00	0.00E+00	8.77E+00
Be-7	<4.40E+01	0.00E+00	4.40E+01
K-40	1.91E+02	8.16E+01	1.03E+02
H3GW	<-2.4E+00	0.00E+00	1.81E+02

Sample ID: 611655 Sample Dates: 5/20/2024 - 5/20/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.02E+00	0.00E+00	6.02E+00
Co-58	<4.41E+00	0.00E+00	4.41E+00
Fe-59	<1.32E+01	0.00E+00	1.32E+01
Co-60	<4.54E+00	0.00E+00	4.54E+00
Zn-65	<1.47E+01	0.00E+00	1.47E+01
Zr-95	<1.06E+01	0.00E+00	1.06E+01
Nb-95	<5.62E+00	0.00E+00	5.62E+00
I-131	<1.27E+01	0.00E+00	1.27E+01
Cs-134	<5.30E+00	0.00E+00	5.30E+00
Cs-137	<6.94E+00	0.00E+00	6.94E+00
BaLa-140	<7.19E+00	0.00E+00	7.19E+00
Be-7	<4.70E+01	0.00E+00	4.70E+01
K-40	1.62E+02	7.08E+01	8.71E+01
H3GW	<9.14E+01	0.00E+00	1.87E+02

Sample ID: 616914 Sample Dates: 8/19/2024 - 8/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.68E+00	0.00E+00	5.68E+00
Co-58	<5.06E+00	0.00E+00	5.06E+00
Fe-59	<9.70E+00	0.00E+00	9.70E+00
Co-60	<5.63E+00	0.00E+00	5.63E+00
Zn-65	<1.37E+01	0.00E+00	1.37E+01
Zr-95	<9.94E+00	0.00E+00	9.94E+00
Nb-95	<6.00E+00	0.00E+00	6.00E+00
I-131	<6.92E+00	0.00E+00	6.92E+00
Cs-134	<5.65E+00	0.00E+00	5.65E+00
Cs-137	<7.09E+00	0.00E+00	7.09E+00
BaLa-140	<5.59E+00	0.00E+00	5.59E+00
Be-7	<4.50E+01	0.00E+00	4.50E+01
K-40	9.46E+01	6.07E+01	8.53E+01
H3GW	<5.34E+00	0.00E+00	2.02E+02

Sample ID: 621464 Sample Dates: 11/18/2024 - 11/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.95E+00	0.00E+00	5.95E+00
Co-58	<6.16E+00	0.00E+00	6.16E+00
Fe-59	<1.30E+01	0.00E+00	1.30E+01
Co-60	<5.69E+00	0.00E+00	5.69E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 59 [INDICATOR - NNE @ 0.5 miles]

Sample ID: 621464 Sample Dates: 11/18/2024 - 11/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<1.20E+01	0.00E+00	1.20E+01
Zr-95	<9.03E+00	0.00E+00	9.03E+00
Nb-95	<6.97E+00	0.00E+00	6.97E+00
I-131	<9.19E+00	0.00E+00	9.19E+00
Cs-134	<5.09E+00	0.00E+00	5.09E+00
Cs-137	<4.83E+00	0.00E+00	4.83E+00
BaLa-140	<7.49E+00	0.00E+00	7.49E+00
Be-7	<5.17E+01	0.00E+00	5.17E+01
K-40	1.76E+02	7.90E+01	1.04E+02
H3GW	<-3.6E+01	0.00E+00	1.81E+02

Sample Point 60 [INDICATOR - ESE @ 0.5 miles]

Sample ID: 604699 Sample Dates: 2/12/2024 - 2/12/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.56E+00	0.00E+00	6.56E+00
Co-58	<5.16E+00	0.00E+00	5.16E+00
Fe-59	<1.22E+01	0.00E+00	1.22E+01
Co-60	<7.47E+00	0.00E+00	7.47E+00
Zn-65	<1.27E+01	0.00E+00	1.27E+01
Zr-95	<8.19E+00	0.00E+00	8.19E+00
Nb-95	<5.54E+00	0.00E+00	5.54E+00
I-131	<8.29E+00	0.00E+00	8.29E+00
Cs-134	<6.60E+00	0.00E+00	6.60E+00
Cs-137	<5.74E+00	0.00E+00	5.74E+00
BaLa-140	<1.01E+01	0.00E+00	1.01E+01
Be-7	<4.89E+01	0.00E+00	4.89E+01
K-40	2.50E+02	8.63E+01	1.01E+02
H3GW	<-4.3E+01	0.00E+00	1.81E+02

Sample ID: 611656 Sample Dates: 5/20/2024 - 5/20/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.84E+00	0.00E+00	5.84E+00
Co-58	<5.05E+00	0.00E+00	5.05E+00
Fe-59	<1.33E+01	0.00E+00	1.33E+01
Co-60	<4.42E+00	0.00E+00	4.42E+00
Zn-65	<1.16E+01	0.00E+00	1.16E+01
Zr-95	<1.03E+01	0.00E+00	1.03E+01
Nb-95	<4.96E+00	0.00E+00	4.96E+00
I-131	<9.57E+00	0.00E+00	9.57E+00
Cs-134	<7.27E+00	0.00E+00	7.27E+00
Cs-137	<6.74E+00	0.00E+00	6.74E+00
BaLa-140	<7.00E+00	0.00E+00	7.00E+00
Be-7	<4.37E+01	0.00E+00	4.37E+01
K-40	1.51E+02	6.39E+01	7.39E+01
H3GW	<8.61E+01	0.00E+00	1.86E+02

Sample ID: 616915 Sample Dates: 8/19/2024 - 8/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.87E+00	0.00E+00	5.87E+00
Co-58	<6.08E+00	0.00E+00	6.08E+00
Fe-59	<1.15E+01	0.00E+00	1.15E+01
Co-60	<6.18E+00	0.00E+00	6.18E+00
Zn-65	<1.46E+01	0.00E+00	1.46E+01
Zr-95	<8.89E+00	0.00E+00	8.89E+00
Nb-95	<5.62E+00	0.00E+00	5.62E+00
I-131	<7.88E+00	0.00E+00	7.88E+00
Cs-134	<6.59E+00	0.00E+00	6.59E+00
Cs-137	<4.75E+00	0.00E+00	4.75E+00
BaLa-140	<6.92E+00	0.00E+00	6.92E+00
Be-7	<4.35E+01	0.00E+00	4.35E+01
K-40	1.23E+02	5.96E+01	7.35E+01
H3GW	<-1.3E+02	0.00E+00	2.03E+02

Sample ID: 621465 Sample Dates: 11/18/2024 - 11/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.11E+00	0.00E+00	4.11E+00
Co-58	<4.11E+00	0.00E+00	4.11E+00
Fe-59	<7.46E+00	0.00E+00	7.46E+00
Co-60	<3.71E+00	0.00E+00	3.71E+00
Zn-65	<7.30E+00	0.00E+00	7.30E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 60 [INDICATOR - ESE @ 0.5 miles]

Sample ID: 621465 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Zr-95	<7.73E+00	0.00E+00	7.73E+00
Nb-95	<4.83E+00	0.00E+00	4.83E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<4.44E+00	0.00E+00	4.44E+00
Cs-137	<3.54E+00	0.00E+00	3.54E+00
BaLa-140	<7.64E+00	0.00E+00	7.64E+00
Be-7	<3.77E+01	0.00E+00	3.77E+01
K-40	1.99E+02	5.14E+01	5.61E+01
H3GW	<1.45E+01	0.00E+00	1.81E+02

Sample Point 68 [INDICATOR - W @ 0.2 miles]

Sample ID: 604700 **Sample Dates: 2/13/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.03E+00	0.00E+00	5.03E+00
Co-58	<6.48E+00	0.00E+00	6.48E+00
Fe-59	<1.03E+01	0.00E+00	1.03E+01
Co-60	<7.16E+00	0.00E+00	7.16E+00
Zn-65	<1.61E+01	0.00E+00	1.61E+01
Zr-95	<1.24E+01	0.00E+00	1.24E+01
Nb-95	<5.82E+00	0.00E+00	5.82E+00
I-131	<6.49E+00	0.00E+00	6.49E+00
Cs-134	<6.61E+00	0.00E+00	6.61E+00
Cs-137	<5.93E+00	0.00E+00	5.93E+00
BaLa-140	<8.54E+00	0.00E+00	8.54E+00
Be-7	<4.18E+01	0.00E+00	4.18E+01
K-40	9.18E+01	6.89E+01	1.04E+02
H3GW	<1.44E+01	0.00E+00	1.82E+02

Sample ID: 611657 **Sample Dates: 5/21/2024 - 5/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.00E+00	0.00E+00	7.00E+00
Co-58	<5.26E+00	0.00E+00	5.26E+00
Fe-59	<1.16E+01	0.00E+00	1.16E+01
Co-60	<7.50E+00	0.00E+00	7.50E+00
Zn-65	<9.19E+00	0.00E+00	9.19E+00
Zr-95	<1.27E+01	0.00E+00	1.27E+01
Nb-95	<6.50E+00	0.00E+00	6.50E+00
I-131	<9.47E+00	0.00E+00	9.47E+00
Cs-134	<5.93E+00	0.00E+00	5.93E+00
Cs-137	<5.14E+00	0.00E+00	5.14E+00
BaLa-140	<9.01E+00	0.00E+00	9.01E+00
Be-7	<4.85E+01	0.00E+00	4.85E+01
K-40	<1.20E+02	0.00E+00	1.20E+02
H3GW	<-9.9E+00	0.00E+00	1.87E+02

Sample ID: 616916 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.87E+00	0.00E+00	5.87E+00
Co-58	<5.90E+00	0.00E+00	5.90E+00
Fe-59	<1.22E+01	0.00E+00	1.22E+01
Co-60	<6.90E+00	0.00E+00	6.90E+00
Zn-65	<1.28E+01	0.00E+00	1.28E+01
Zr-95	<1.17E+01	0.00E+00	1.17E+01
Nb-95	<7.35E+00	0.00E+00	7.35E+00
I-131	<8.18E+00	0.00E+00	8.18E+00
Cs-134	<6.60E+00	0.00E+00	6.60E+00
Cs-137	<6.96E+00	0.00E+00	6.96E+00
BaLa-140	<1.01E+01	0.00E+00	1.01E+01
Be-7	<5.23E+01	0.00E+00	5.23E+01
K-40	1.15E+02	5.67E+01	6.50E+01
H3GW	<-2.9E+01	0.00E+00	2.01E+02

Sample ID: 621466 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.52E+00	0.00E+00	5.52E+00
Co-58	<6.54E+00	0.00E+00	6.54E+00
Fe-59	<1.33E+01	0.00E+00	1.33E+01
Co-60	<7.50E+00	0.00E+00	7.50E+00
Zn-65	<1.15E+01	0.00E+00	1.15E+01
Zr-95	<9.99E+00	0.00E+00	9.99E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 68 [INDICATOR - W @ 0.2 miles]

Sample ID: 621466 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<7.23E+00	0.00E+00	7.23E+00
I-131	<7.47E+00	0.00E+00	7.47E+00
Cs-134	<7.82E+00	0.00E+00	7.82E+00
Cs-137	<6.46E+00	0.00E+00	6.46E+00
BaLa-140	<1.18E+01	0.00E+00	1.18E+01
Be-7	<4.85E+01	0.00E+00	4.85E+01
K-40	1.48E+02	5.88E+01	5.76E+01
H3GW	<-8.2E+01	0.00E+00	1.81E+02

Sample Point 69 [INDICATOR - NNE @ 0.2 miles]

Sample ID: 604701 **Sample Dates: 2/13/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.59E+00	0.00E+00	7.59E+00
Co-58	<5.98E+00	0.00E+00	5.98E+00
Fe-59	<9.25E+00	0.00E+00	9.25E+00
Co-60	<6.16E+00	0.00E+00	6.16E+00
Zn-65	<1.14E+01	0.00E+00	1.14E+01
Zr-95	<1.01E+01	0.00E+00	1.01E+01
Nb-95	<5.88E+00	0.00E+00	5.88E+00
I-131	<6.48E+00	0.00E+00	6.48E+00
Cs-134	<6.48E+00	0.00E+00	6.48E+00
Cs-137	<3.67E+00	0.00E+00	3.67E+00
BaLa-140	<6.91E+00	0.00E+00	6.91E+00
Be-7	<4.20E+01	0.00E+00	4.20E+01
K-40	<1.27E+02	0.00E+00	1.27E+02
H3GW	<-6.9E+01	0.00E+00	1.81E+02

Sample ID: 611658 **Sample Dates: 5/21/2024 - 5/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.13E+00	0.00E+00	5.13E+00
Co-58	<4.84E+00	0.00E+00	4.84E+00
Fe-59	<1.06E+01	0.00E+00	1.06E+01
Co-60	<6.19E+00	0.00E+00	6.19E+00
Zn-65	<1.28E+01	0.00E+00	1.28E+01
Zr-95	<8.46E+00	0.00E+00	8.46E+00
Nb-95	<6.47E+00	0.00E+00	6.47E+00
I-131	<9.88E+00	0.00E+00	9.88E+00
Cs-134	<7.20E+00	0.00E+00	7.20E+00
Cs-137	<5.74E+00	0.00E+00	5.74E+00
BaLa-140	<1.08E+01	0.00E+00	1.08E+01
Be-7	<4.68E+01	0.00E+00	4.68E+01
K-40	1.34E+02	6.75E+01	8.91E+01
H3GW	<2.72E+01	0.00E+00	1.87E+02

Sample ID: 616917 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.43E+00	0.00E+00	7.43E+00
Co-58	<6.53E+00	0.00E+00	6.53E+00
Fe-59	<1.31E+01	0.00E+00	1.31E+01
Co-60	<5.92E+00	0.00E+00	5.92E+00
Zn-65	<9.70E+00	0.00E+00	9.70E+00
Zr-95	<1.19E+01	0.00E+00	1.19E+01
Nb-95	<6.73E+00	0.00E+00	6.73E+00
I-131	<7.18E+00	0.00E+00	7.18E+00
Cs-134	<7.11E+00	0.00E+00	7.11E+00
Cs-137	<6.02E+00	0.00E+00	6.02E+00
BaLa-140	<7.00E+00	0.00E+00	7.00E+00
Be-7	<5.83E+01	0.00E+00	5.83E+01
K-40	2.11E+02	7.89E+01	9.24E+01
H3GW	<-5.9E+01	0.00E+00	2.01E+02

Sample ID: 621467 **Sample Dates: 11/19/2024 - 11/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.59E+00	0.00E+00	6.59E+00
Co-58	<5.26E+00	0.00E+00	5.26E+00
Fe-59	<1.10E+01	0.00E+00	1.10E+01
Co-60	<4.95E+00	0.00E+00	4.95E+00
Zn-65	<1.43E+01	0.00E+00	1.43E+01
Zr-95	<8.79E+00	0.00E+00	8.79E+00
Nb-95	<5.55E+00	0.00E+00	5.55E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 69 [INDICATOR - NNE @ 0.2 miles]

Sample ID: 621467 **Sample Dates: 11/19/2024 - 11/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<9.49E+00	0.00E+00	9.49E+00
Cs-134	<6.61E+00	0.00E+00	6.61E+00
Cs-137	<5.74E+00	0.00E+00	5.74E+00
BaLa-140	<8.91E+00	0.00E+00	8.91E+00
Be-7	<5.02E+01	0.00E+00	5.02E+01
K-40	1.58E+02	8.03E+01	1.11E+02
H3GW	<-7.3E+01	0.00E+00	1.81E+02

Sample Point 70 [INDICATOR - E @ 0.4 miles]

Sample ID: 604702 **Sample Dates: 2/12/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.97E+00	0.00E+00	5.97E+00
Co-58	<3.61E+00	0.00E+00	3.61E+00
Fe-59	<9.67E+00	0.00E+00	9.67E+00
Co-60	<5.95E+00	0.00E+00	5.95E+00
Zn-65	<1.35E+01	0.00E+00	1.35E+01
Zr-95	<1.05E+01	0.00E+00	1.05E+01
Nb-95	<7.45E+00	0.00E+00	7.45E+00
I-131	<9.57E+00	0.00E+00	9.57E+00
Cs-134	<6.90E+00	0.00E+00	6.90E+00
Cs-137	<6.64E+00	0.00E+00	6.64E+00
BaLa-140	<5.76E+00	0.00E+00	5.76E+00
Be-7	<5.78E+01	0.00E+00	5.78E+01
K-40	1.93E+02	6.71E+01	6.38E+01
H3GW	<-5.5E+01	0.00E+00	1.81E+02

Sample ID: 611659 **Sample Dates: 5/20/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.74E+00	0.00E+00	6.74E+00
Co-58	<7.37E+00	0.00E+00	7.37E+00
Fe-59	<1.16E+01	0.00E+00	1.16E+01
Co-60	<5.05E+00	0.00E+00	5.05E+00
Zn-65	<1.36E+01	0.00E+00	1.36E+01
Zr-95	<1.26E+01	0.00E+00	1.26E+01
Nb-95	<6.52E+00	0.00E+00	6.52E+00
I-131	<1.16E+01	0.00E+00	1.16E+01
Cs-134	<7.14E+00	0.00E+00	7.14E+00
Cs-137	<6.19E+00	0.00E+00	6.19E+00
BaLa-140	<1.16E+01	0.00E+00	1.16E+01
Be-7	<4.85E+01	0.00E+00	4.85E+01
K-40	2.13E+02	7.29E+01	7.44E+01
H3GW	<-2.5E+01	0.00E+00	1.87E+02

Sample ID: 616918 **Sample Dates: 8/20/2024 - 8/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.09E+00	0.00E+00	7.09E+00
Co-58	<7.63E+00	0.00E+00	7.63E+00
Fe-59	<1.18E+01	0.00E+00	1.18E+01
Co-60	<5.08E+00	0.00E+00	5.08E+00
Zn-65	<1.44E+01	0.00E+00	1.44E+01
Zr-95	<1.05E+01	0.00E+00	1.05E+01
Nb-95	<7.26E+00	0.00E+00	7.26E+00
I-131	<6.59E+00	0.00E+00	6.59E+00
Cs-134	<7.04E+00	0.00E+00	7.04E+00
Cs-137	<7.99E+00	0.00E+00	7.99E+00
BaLa-140	<6.77E+00	0.00E+00	6.77E+00
Be-7	<5.25E+01	0.00E+00	5.25E+01
K-40	2.28E+02	7.25E+01	5.31E+01
H3GW	<-9.6E+01	0.00E+00	2.02E+02

Sample ID: 621468 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.39E+00	0.00E+00	6.39E+00
Co-58	<6.62E+00	0.00E+00	6.62E+00
Fe-59	<7.07E+00	0.00E+00	7.07E+00
Co-60	<5.87E+00	0.00E+00	5.87E+00
Zn-65	<1.44E+01	0.00E+00	1.44E+01
Zr-95	<1.04E+01	0.00E+00	1.04E+01
Nb-95	<8.09E+00	0.00E+00	8.09E+00
I-131	<1.16E+01	0.00E+00	1.16E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 70 [INDICATOR - E @ 0.4 miles]

Sample ID: 621468 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<6.92E+00	0.00E+00	6.92E+00
Cs-137	<6.00E+00	0.00E+00	6.00E+00
BaLa-140	<9.32E+00	0.00E+00	9.32E+00
Be-7	<6.69E+01	0.00E+00	6.69E+01
K-40	2.64E+02	7.19E+01	1.21E+01
H3GW	<-4.8E+00	0.00E+00	1.81E+02

Sample Point 71 [INDICATOR - SE @ 0.3 miles]

Sample ID: 604703 **Sample Dates: 2/13/2024 - 2/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.35E+00	0.00E+00	5.35E+00
Co-58	<4.98E+00	0.00E+00	4.98E+00
Fe-59	<1.34E+01	0.00E+00	1.34E+01
Co-60	<6.05E+00	0.00E+00	6.05E+00
Zn-65	<1.29E+01	0.00E+00	1.29E+01
Zr-95	<1.03E+01	0.00E+00	1.03E+01
Nb-95	<6.45E+00	0.00E+00	6.45E+00
I-131	<5.99E+00	0.00E+00	5.99E+00
Cs-134	<6.42E+00	0.00E+00	6.42E+00
Cs-137	<5.21E+00	0.00E+00	5.21E+00
BaLa-140	<9.79E+00	0.00E+00	9.79E+00
Be-7	<4.66E+01	0.00E+00	4.66E+01
K-40	1.41E+02	7.54E+01	1.05E+02
H3GW	<7.88E+01	0.00E+00	1.81E+02

Sample ID: 611660 **Sample Dates: 5/21/2024 - 5/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.54E+00	0.00E+00	6.54E+00
Co-58	<5.62E+00	0.00E+00	5.62E+00
Fe-59	<1.14E+01	0.00E+00	1.14E+01
Co-60	<5.95E+00	0.00E+00	5.95E+00
Zn-65	<1.19E+01	0.00E+00	1.19E+01
Zr-95	<1.21E+01	0.00E+00	1.21E+01
Nb-95	<6.95E+00	0.00E+00	6.95E+00
I-131	<1.07E+01	0.00E+00	1.07E+01
Cs-134	<7.49E+00	0.00E+00	7.49E+00
Cs-137	<6.32E+00	0.00E+00	6.32E+00
BaLa-140	<6.86E+00	0.00E+00	6.86E+00
Be-7	<4.19E+01	0.00E+00	4.19E+01
K-40	<1.33E+02	0.00E+00	1.33E+02
H3GW	<7.66E+01	0.00E+00	1.87E+02

Sample ID: 616919 **Sample Dates: 8/20/2024 - 8/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.15E+00	0.00E+00	5.15E+00
Co-58	<4.72E+00	0.00E+00	4.72E+00
Fe-59	<1.01E+01	0.00E+00	1.01E+01
Co-60	<4.34E+00	0.00E+00	4.34E+00
Zn-65	<1.18E+01	0.00E+00	1.18E+01
Zr-95	<1.08E+01	0.00E+00	1.08E+01
Nb-95	<6.62E+00	0.00E+00	6.62E+00
I-131	<6.41E+00	0.00E+00	6.41E+00
Cs-134	<6.01E+00	0.00E+00	6.01E+00
Cs-137	<6.51E+00	0.00E+00	6.51E+00
BaLa-140	<7.00E+00	0.00E+00	7.00E+00
Be-7	<4.15E+01	0.00E+00	4.15E+01
K-40	1.40E+02	6.77E+01	8.82E+01
H3GW	<-9.6E+01	0.00E+00	2.02E+02

Sample ID: 621469 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.38E+00	0.00E+00	6.38E+00
Co-58	<6.79E+00	0.00E+00	6.79E+00
Fe-59	<1.19E+01	0.00E+00	1.19E+01
Co-60	<6.31E+00	0.00E+00	6.31E+00
Zn-65	<1.25E+01	0.00E+00	1.25E+01
Zr-95	<1.28E+01	0.00E+00	1.28E+01
Nb-95	<6.95E+00	0.00E+00	6.95E+00
I-131	<1.18E+01	0.00E+00	1.18E+01
Cs-134	<7.70E+00	0.00E+00	7.70E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 71 [INDICATOR - SE @ 0.3 miles]

Sample ID: 621469 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<5.84E+00	0.00E+00	5.84E+00
BaLa-140	<6.76E+00	0.00E+00	6.76E+00
Be-7	<5.56E+01	0.00E+00	5.56E+01
K-40	2.25E+02	8.03E+01	9.12E+01
H3GW	<-1.5E+01	0.00E+00	1.81E+02

Sample Point 72 [INDICATOR - SE @ 0.2 miles]

Sample ID: 604704 **Sample Dates: 2/12/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.44E+00	0.00E+00	7.44E+00
Co-58	<8.81E+00	0.00E+00	8.81E+00
Fe-59	<1.17E+01	0.00E+00	1.17E+01
Co-60	<8.09E+00	0.00E+00	8.09E+00
Zn-65	<1.64E+01	0.00E+00	1.64E+01
Zr-95	<1.18E+01	0.00E+00	1.18E+01
Nb-95	<8.74E+00	0.00E+00	8.74E+00
I-131	<9.48E+00	0.00E+00	9.48E+00
Cs-134	<8.50E+00	0.00E+00	8.50E+00
Cs-137	<6.21E+00	0.00E+00	6.21E+00
BaLa-140	<1.02E+01	0.00E+00	1.02E+01
Be-7	<6.19E+01	0.00E+00	6.19E+01
K-40	1.27E+02	8.12E+01	1.20E+02
H3GW	<2.39E+01	0.00E+00	1.81E+02

Sample ID: 611661 **Sample Dates: 5/21/2024 - 5/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.04E+00	0.00E+00	5.04E+00
Co-58	<3.61E+00	0.00E+00	3.61E+00
Fe-59	<9.16E+00	0.00E+00	9.16E+00
Co-60	<5.79E+00	0.00E+00	5.79E+00
Zn-65	<1.16E+01	0.00E+00	1.16E+01
Zr-95	<9.14E+00	0.00E+00	9.14E+00
Nb-95	<6.73E+00	0.00E+00	6.73E+00
I-131	<9.53E+00	0.00E+00	9.53E+00
Cs-134	<7.77E+00	0.00E+00	7.77E+00
Cs-137	<5.46E+00	0.00E+00	5.46E+00
BaLa-140	<8.62E+00	0.00E+00	8.62E+00
Be-7	<5.22E+01	0.00E+00	5.22E+01
K-40	1.60E+02	6.78E+01	8.12E+01
H3GW	<0.00E+00	0.00E+00	1.87E+02

Sample ID: 616920 **Sample Dates: 8/19/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<8.21E+00	0.00E+00	8.21E+00
Co-58	<7.22E+00	0.00E+00	7.22E+00
Fe-59	<1.57E+01	0.00E+00	1.57E+01
Co-60	<5.78E+00	0.00E+00	5.78E+00
Zn-65	<1.40E+01	0.00E+00	1.40E+01
Zr-95	<9.77E+00	0.00E+00	9.77E+00
Nb-95	<7.36E+00	0.00E+00	7.36E+00
I-131	<7.31E+00	0.00E+00	7.31E+00
Cs-134	<6.87E+00	0.00E+00	6.87E+00
Cs-137	<5.97E+00	0.00E+00	5.97E+00
BaLa-140	<1.04E+01	0.00E+00	1.04E+01
Be-7	<4.59E+01	0.00E+00	4.59E+01
K-40	1.38E+02	8.85E+01	1.33E+02
H3GW	<-1.0E+02	0.00E+00	2.01E+02

Sample ID: 621470 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.23E+00	0.00E+00	5.23E+00
Co-58	<5.89E+00	0.00E+00	5.89E+00
Fe-59	<1.26E+01	0.00E+00	1.26E+01
Co-60	<5.70E+00	0.00E+00	5.70E+00
Zn-65	<9.15E+00	0.00E+00	9.15E+00
Zr-95	<1.26E+01	0.00E+00	1.26E+01
Nb-95	<6.04E+00	0.00E+00	6.04E+00
I-131	<9.74E+00	0.00E+00	9.74E+00
Cs-134	<5.85E+00	0.00E+00	5.85E+00
Cs-137	<5.59E+00	0.00E+00	5.59E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 72 [INDICATOR - SE @ 0.2 miles]

Sample ID:	621470	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			BaLa-140	<1.03E+01	0.00E+00	1.03E+01
			Be-7	<4.83E+01	0.00E+00	4.83E+01
			K-40	1.55E+02	7.78E+01	1.14E+02
			H3GW	<2.18E+01	0.00E+00	1.81E+02

Sample Point 73 [INDICATOR - S @ 0.2 miles]

Sample ID:	604705	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.09E+00	0.00E+00	6.09E+00
			Co-58	<5.07E+00	0.00E+00	5.07E+00
			Fe-59	<1.50E+01	0.00E+00	1.50E+01
			Co-60	<5.86E+00	0.00E+00	5.86E+00
			Zn-65	<1.17E+01	0.00E+00	1.17E+01
			Zr-95	<1.10E+01	0.00E+00	1.10E+01
			Nb-95	<6.04E+00	0.00E+00	6.04E+00
			I-131	<1.16E+01	0.00E+00	1.16E+01
			Cs-134	<6.99E+00	0.00E+00	6.99E+00
			Cs-137	<5.71E+00	0.00E+00	5.71E+00
			BaLa-140	<1.01E+01	0.00E+00	1.01E+01
			Be-7	<5.58E+01	0.00E+00	5.58E+01
			K-40	1.49E+02	6.71E+01	8.27E+01
			H3GW	<-2.2E+01	0.00E+00	1.82E+02
Sample ID:	**611662**	**Sample Dates: 5/20/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.95E+00	0.00E+00	5.95E+00
			Co-58	<6.22E+00	0.00E+00	6.22E+00
			Fe-59	<1.30E+01	0.00E+00	1.30E+01
			Co-60	<6.07E+00	0.00E+00	6.07E+00
			Zn-65	<9.22E+00	0.00E+00	9.22E+00
			Zr-95	<1.05E+01	0.00E+00	1.05E+01
			Nb-95	<6.85E+00	0.00E+00	6.85E+00
			I-131	<1.01E+01	0.00E+00	1.01E+01
			Cs-134	<6.18E+00	0.00E+00	6.18E+00
			Cs-137	<6.29E+00	0.00E+00	6.29E+00
			BaLa-140	<1.05E+01	0.00E+00	1.05E+01
			Be-7	<4.47E+01	0.00E+00	4.47E+01
			K-40	1.17E+02	8.01E+01	1.20E+02
			H3GW	<8.86E+01	0.00E+00	1.86E+02
Sample ID:	**616921**	**Sample Dates: 8/20/2024 - 8/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.02E+00	0.00E+00	5.02E+00
			Co-58	<5.67E+00	0.00E+00	5.67E+00
			Fe-59	<1.23E+01	0.00E+00	1.23E+01
			Co-60	<5.16E+00	0.00E+00	5.16E+00
			Zn-65	<1.06E+01	0.00E+00	1.06E+01
			Zr-95	<8.72E+00	0.00E+00	8.72E+00
			Nb-95	<6.42E+00	0.00E+00	6.42E+00
			I-131	<6.76E+00	0.00E+00	6.76E+00
			Cs-134	<5.90E+00	0.00E+00	5.90E+00
			Cs-137	<5.74E+00	0.00E+00	5.74E+00
			BaLa-140	<8.65E+00	0.00E+00	8.65E+00
			Be-7	<4.66E+01	0.00E+00	4.66E+01
			K-40	9.00E+01	5.57E+01	7.56E+01
			H3GW	<-9.3E+01	0.00E+00	2.02E+02
Sample ID:	**621471**	**Sample Dates: 11/19/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.39E+00	0.00E+00	5.39E+00
			Co-58	<5.74E+00	0.00E+00	5.74E+00
			Fe-59	<1.53E+01	0.00E+00	1.53E+01
			Co-60	<6.06E+00	0.00E+00	6.06E+00
			Zn-65	<1.20E+01	0.00E+00	1.20E+01
			Zr-95	<1.29E+01	0.00E+00	1.29E+01
			Nb-95	<5.42E+00	0.00E+00	5.42E+00
			I-131	<9.77E+00	0.00E+00	9.77E+00
			Cs-134	<5.58E+00	0.00E+00	5.58E+00
			Cs-137	<5.03E+00	0.00E+00	5.03E+00
			BaLa-140	<8.76E+00	0.00E+00	8.76E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 73 [INDICATOR - S @ 0.2 miles]

Sample ID:	621471	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<4.95E+01	0.00E+00	4.95E+01
			K-40	1.06E+02	7.48E+01	1.13E+02
			H3GW	<7.23E+00	0.00E+00	1.80E+02

Sample Point 74 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	604706	Sample Dates: 2/13/2024 - 2/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.99E+00	0.00E+00	4.99E+00
			Co-58	<5.12E+00	0.00E+00	5.12E+00
			Fe-59	<1.18E+01	0.00E+00	1.18E+01
			Co-60	<4.44E+00	0.00E+00	4.44E+00
			Zn-65	<1.08E+01	0.00E+00	1.08E+01
			Zr-95	<9.66E+00	0.00E+00	9.66E+00
			Nb-95	<7.30E+00	0.00E+00	7.30E+00
			I-131	<8.95E+00	0.00E+00	8.95E+00
			Cs-134	<6.24E+00	0.00E+00	6.24E+00
			Cs-137	<4.83E+00	0.00E+00	4.83E+00
			BaLa-140	<6.12E+00	0.00E+00	6.12E+00
			Be-7	<4.75E+01	0.00E+00	4.75E+01
			K-40	1.81E+02	7.40E+01	9.08E+01
			H3GW	<-3.8E+01	0.00E+00	1.81E+02
Sample ID:	**611663**	**Sample Dates: 5/21/2024 - 5/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.13E+00	0.00E+00	5.13E+00
			Co-58	<6.69E+00	0.00E+00	6.69E+00
			Fe-59	<1.12E+01	0.00E+00	1.12E+01
			Co-60	<5.06E+00	0.00E+00	5.06E+00
			Zn-65	<1.28E+01	0.00E+00	1.28E+01
			Zr-95	<8.91E+00	0.00E+00	8.91E+00
			Nb-95	<5.90E+00	0.00E+00	5.90E+00
			I-131	<9.93E+00	0.00E+00	9.93E+00
			Cs-134	<5.48E+00	0.00E+00	5.48E+00
			Cs-137	<5.91E+00	0.00E+00	5.91E+00
			BaLa-140	<1.15E+01	0.00E+00	1.15E+01
			Be-7	<5.72E+01	0.00E+00	5.72E+01
			K-40	<1.31E+02	0.00E+00	1.31E+02
			H3GW	<3.21E+01	0.00E+00	1.87E+02
Sample ID:	**616922**	**Sample Dates: 8/19/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<6.05E+00	0.00E+00	6.05E+00
			Co-58	<3.85E+00	0.00E+00	3.85E+00
			Fe-59	<8.67E+00	0.00E+00	8.67E+00
			Co-60	<6.18E+00	0.00E+00	6.18E+00
			Zn-65	<1.46E+01	0.00E+00	1.46E+01
			Zr-95	<9.26E+00	0.00E+00	9.26E+00
			Nb-95	<5.98E+00	0.00E+00	5.98E+00
			I-131	<5.57E+00	0.00E+00	5.57E+00
			Cs-134	<5.95E+00	0.00E+00	5.95E+00
			Cs-137	<5.74E+00	0.00E+00	5.74E+00
			BaLa-140	<8.65E+00	0.00E+00	8.65E+00
			Be-7	<4.54E+01	0.00E+00	4.54E+01
			K-40	1.69E+02	7.05E+01	8.49E+01
			H3GW	<-6.4E+01	0.00E+00	2.03E+02
Sample ID:	**621472**	**Sample Dates: 11/19/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<6.99E+00	0.00E+00	6.99E+00
			Co-58	<7.52E+00	0.00E+00	7.52E+00
			Fe-59	<1.62E+01	0.00E+00	1.62E+01
			Co-60	<6.03E+00	0.00E+00	6.03E+00
			Zn-65	<1.38E+01	0.00E+00	1.38E+01
			Zr-95	<1.03E+01	0.00E+00	1.03E+01
			Nb-95	<7.63E+00	0.00E+00	7.63E+00
			I-131	<7.94E+00	0.00E+00	7.94E+00
			Cs-134	<8.01E+00	0.00E+00	8.01E+00
			Cs-137	<8.21E+00	0.00E+00	8.21E+00
			BaLa-140	<7.61E+00	0.00E+00	7.61E+00
			Be-7	<5.50E+01	0.00E+00	5.50E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 74 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	621472	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	1.12E+02	7.31E+01	1.07E+02
			H3GW	<-3.9E+01	0.00E+00	1.81E+02

Sample Point 75 [INDICATOR - ESE @ 0.1 miles]

Sample ID:	604707	Sample Dates: 2/13/2024 - 2/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.31E+00	0.00E+00	7.31E+00
			Co-58	<5.97E+00	0.00E+00	5.97E+00
			Fe-59	<1.28E+01	0.00E+00	1.28E+01
			Co-60	<6.34E+00	0.00E+00	6.34E+00
			Zn-65	<1.46E+01	0.00E+00	1.46E+01
			Zr-95	<1.20E+01	0.00E+00	1.20E+01
			Nb-95	<7.75E+00	0.00E+00	7.75E+00
			I-131	<8.72E+00	0.00E+00	8.72E+00
			Cs-134	<7.67E+00	0.00E+00	7.67E+00
			Cs-137	<6.32E+00	0.00E+00	6.32E+00
			BaLa-140	<9.08E+00	0.00E+00	9.08E+00
			Be-7	<4.57E+01	0.00E+00	4.57E+01
			K-40	1.90E+02	6.55E+01	5.96E+01
			H3GW	<-7.6E+01	0.00E+00	1.81E+02
Sample ID:	611664	Sample Dates: 5/21/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.64E+00	0.00E+00	5.64E+00
			Co-58	<5.19E+00	0.00E+00	5.19E+00
			Fe-59	<9.44E+00	0.00E+00	9.44E+00
			Co-60	<5.51E+00	0.00E+00	5.51E+00
			Zn-65	<1.19E+01	0.00E+00	1.19E+01
			Zr-95	<1.25E+01	0.00E+00	1.25E+01
			Nb-95	<8.14E+00	0.00E+00	8.14E+00
			I-131	<1.12E+01	0.00E+00	1.12E+01
			Cs-134	<9.15E+00	0.00E+00	9.15E+00
			Cs-137	<5.84E+00	0.00E+00	5.84E+00
			BaLa-140	<8.89E+00	0.00E+00	8.89E+00
			Be-7	<6.09E+01	0.00E+00	6.09E+01
			K-40	2.45E+02	8.80E+01	1.05E+02
			H3GW	<9.39E+01	0.00E+00	1.87E+02
Sample ID:	616923	Sample Dates: 8/19/2024 - 8/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.31E+00	0.00E+00	6.31E+00
			Co-58	<6.13E+00	0.00E+00	6.13E+00
			Fe-59	<1.11E+01	0.00E+00	1.11E+01
			Co-60	<6.48E+00	0.00E+00	6.48E+00
			Zn-65	<1.28E+01	0.00E+00	1.28E+01
			Zr-95	<1.21E+01	0.00E+00	1.21E+01
			Nb-95	<6.24E+00	0.00E+00	6.24E+00
			I-131	<8.03E+00	0.00E+00	8.03E+00
			Cs-134	<6.85E+00	0.00E+00	6.85E+00
			Cs-137	<7.13E+00	0.00E+00	7.13E+00
			BaLa-140	<9.65E+00	0.00E+00	9.65E+00
			Be-7	<5.93E+01	0.00E+00	5.93E+01
			K-40	1.45E+02	6.06E+01	6.12E+01
			H3GW	<-1.1E+02	0.00E+00	2.02E+02
Sample ID:	621473	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.48E+00	0.00E+00	6.48E+00
			Co-58	<5.67E+00	0.00E+00	5.67E+00
			Fe-59	<1.36E+01	0.00E+00	1.36E+01
			Co-60	<5.64E+00	0.00E+00	5.64E+00
			Zn-65	<1.49E+01	0.00E+00	1.49E+01
			Zr-95	<9.10E+00	0.00E+00	9.10E+00
			Nb-95	<6.57E+00	0.00E+00	6.57E+00
			I-131	<1.02E+01	0.00E+00	1.02E+01
			Cs-134	<7.44E+00	0.00E+00	7.44E+00
			Cs-137	<6.94E+00	0.00E+00	6.94E+00
			BaLa-140	<1.01E+01	0.00E+00	1.01E+01
			Be-7	<6.09E+01	0.00E+00	6.09E+01
			K-40	9.23E+01	6.28E+01	9.07E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 75 [INDICATOR - ESE @ 0.1 miles]

Sample ID:	621473	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	<-2.9E+01	0.00E+00	1.81E+02

Sample Point 77 [INDICATOR - S @ 0.4 miles]

Sample ID:	604709	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.08E+00	0.00E+00	5.08E+00
			Co-58	<6.90E+00	0.00E+00	6.90E+00
			Fe-59	<1.10E+01	0.00E+00	1.10E+01
			Co-60	<5.64E+00	0.00E+00	5.64E+00
			Zn-65	<1.00E+01	0.00E+00	1.00E+01
			Zr-95	<9.59E+00	0.00E+00	9.59E+00
			Nb-95	<6.27E+00	0.00E+00	6.27E+00
			I-131	<8.62E+00	0.00E+00	8.62E+00
			Cs-134	<6.63E+00	0.00E+00	6.63E+00
			Cs-137	<6.94E+00	0.00E+00	6.94E+00
			BaLa-140	<2.01E+00	0.00E+00	2.01E+00
			Be-7	<4.73E+01	0.00E+00	4.73E+01
			K-40	1.03E+02	6.48E+01	9.15E+01
			H3GW	<1.17E+02	0.00E+00	1.82E+02
Sample ID:	611665	Sample Dates: 5/21/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.95E+00	0.00E+00	5.95E+00
			Co-58	<5.19E+00	0.00E+00	5.19E+00
			Fe-59	<1.30E+01	0.00E+00	1.30E+01
			Co-60	<7.03E+00	0.00E+00	7.03E+00
			Zn-65	<1.40E+01	0.00E+00	1.40E+01
			Zr-95	<7.33E+00	0.00E+00	7.33E+00
			Nb-95	<7.32E+00	0.00E+00	7.32E+00
			I-131	<1.08E+01	0.00E+00	1.08E+01
			Cs-134	<6.45E+00	0.00E+00	6.45E+00
			Cs-137	<5.57E+00	0.00E+00	5.57E+00
			BaLa-140	<1.17E+01	0.00E+00	1.17E+01
			Be-7	<4.64E+01	0.00E+00	4.64E+01
			K-40	<1.08E+02	0.00E+00	1.08E+02
			H3GW	<1.83E+02	0.00E+00	1.87E+02
Sample ID:	616925	Sample Dates: 8/20/2024 - 8/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.72E+00	0.00E+00	7.72E+00
			Co-58	<8.05E+00	0.00E+00	8.05E+00
			Fe-59	<1.23E+01	0.00E+00	1.23E+01
			Co-60	<7.00E+00	0.00E+00	7.00E+00
			Zn-65	<1.37E+01	0.00E+00	1.37E+01
			Zr-95	<1.34E+01	0.00E+00	1.34E+01
			Nb-95	<6.23E+00	0.00E+00	6.23E+00
			I-131	<7.49E+00	0.00E+00	7.49E+00
			Cs-134	<6.70E+00	0.00E+00	6.70E+00
			Cs-137	<6.67E+00	0.00E+00	6.67E+00
			BaLa-140	<8.18E+00	0.00E+00	8.18E+00
			Be-7	<5.30E+01	0.00E+00	5.30E+01
			K-40	2.32E+02	8.42E+01	9.33E+01
			H3GW	<8.81E+01	0.00E+00	2.02E+02
Sample ID:	621474	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.22E+00	0.00E+00	7.22E+00
			Co-58	<5.09E+00	0.00E+00	5.09E+00
			Fe-59	<1.06E+01	0.00E+00	1.06E+01
			Co-60	<6.54E+00	0.00E+00	6.54E+00
			Zn-65	<1.33E+01	0.00E+00	1.33E+01
			Zr-95	<1.04E+01	0.00E+00	1.04E+01
			Nb-95	<7.20E+00	0.00E+00	7.20E+00
			I-131	<9.74E+00	0.00E+00	9.74E+00
			Cs-134	<6.62E+00	0.00E+00	6.62E+00
			Cs-137	<6.56E+00	0.00E+00	6.56E+00
			BaLa-140	<1.21E+01	0.00E+00	1.21E+01
			Be-7	<5.37E+01	0.00E+00	5.37E+01
			K-40	1.87E+02	7.40E+01	8.80E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 77 [INDICATOR - S @ 0.4 miles]

Sample ID:	621474	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	<1.04E+02	0.00E+00	1.81E+02

Sample Point 78 [INDICATOR - S @ 0.5 miles]

Sample ID:	604710	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.73E+00	0.00E+00	5.73E+00
			Co-58	<4.84E+00	0.00E+00	4.84E+00
			Fe-59	<9.22E+00	0.00E+00	9.22E+00
			Co-60	<3.83E+00	0.00E+00	3.83E+00
			Zn-65	<1.48E+01	0.00E+00	1.48E+01
			Zr-95	<9.28E+00	0.00E+00	9.28E+00
			Nb-95	<7.00E+00	0.00E+00	7.00E+00
			I-131	<9.67E+00	0.00E+00	9.67E+00
			Cs-134	<5.97E+00	0.00E+00	5.97E+00
			Cs-137	<6.25E+00	0.00E+00	6.25E+00
			BaLa-140	<1.07E+01	0.00E+00	1.07E+01
			Be-7	<5.44E+01	0.00E+00	5.44E+01
			K-40	2.22E+02	7.75E+01	8.56E+01
			H3GW	3.73E+02	1.17E+02	1.81E+02
Sample ID:	611666	Sample Dates: 5/21/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.82E+00	0.00E+00	5.82E+00
			Co-58	<5.40E+00	0.00E+00	5.40E+00
			Fe-59	<1.58E+01	0.00E+00	1.58E+01
			Co-60	<7.03E+00	0.00E+00	7.03E+00
			Zn-65	<1.36E+01	0.00E+00	1.36E+01
			Zr-95	<1.02E+01	0.00E+00	1.02E+01
			Nb-95	<6.19E+00	0.00E+00	6.19E+00
			I-131	<1.03E+01	0.00E+00	1.03E+01
			Cs-134	<6.50E+00	0.00E+00	6.50E+00
			Cs-137	<5.24E+00	0.00E+00	5.24E+00
			BaLa-140	<8.89E+00	0.00E+00	8.89E+00
			Be-7	<4.07E+01	0.00E+00	4.07E+01
			K-40	1.80E+02	8.55E+01	1.17E+02
			H3GW	4.03E+02	1.22E+02	1.87E+02
Sample ID:	616926	Sample Dates: 8/19/2024 - 8/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.06E+00	0.00E+00	6.06E+00
			Co-58	<6.42E+00	0.00E+00	6.42E+00
			Fe-59	<1.03E+01	0.00E+00	1.03E+01
			Co-60	<5.28E+00	0.00E+00	5.28E+00
			Zn-65	<1.29E+01	0.00E+00	1.29E+01
			Zr-95	<9.02E+00	0.00E+00	9.02E+00
			Nb-95	<6.30E+00	0.00E+00	6.30E+00
			I-131	<6.45E+00	0.00E+00	6.45E+00
			Cs-134	<5.32E+00	0.00E+00	5.31E+00
			Cs-137	<5.21E+00	0.00E+00	5.21E+00
			BaLa-140	<7.94E+00	0.00E+00	7.94E+00
			Be-7	<4.00E+01	0.00E+00	4.00E+01
			K-40	1.40E+02	6.66E+01	8.56E+01
			H3GW	2.38E+02	1.25E+02	2.02E+02
Sample ID:	621475	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.30E+00	0.00E+00	6.30E+00
			Co-58	<5.32E+00	0.00E+00	5.32E+00
			Fe-59	<1.33E+01	0.00E+00	1.33E+01
			Co-60	<7.00E+00	0.00E+00	7.00E+00
			Zn-65	<1.21E+01	0.00E+00	1.21E+01
			Zr-95	<1.14E+01	0.00E+00	1.14E+01
			Nb-95	<9.19E+00	0.00E+00	9.19E+00
			I-131	<1.22E+01	0.00E+00	1.22E+01
			Cs-134	<7.90E+00	0.00E+00	7.90E+00
			Cs-137	<7.05E+00	0.00E+00	7.05E+00
			BaLa-140	<1.34E+01	0.00E+00	1.34E+01
			Be-7	<6.42E+01	0.00E+00	6.42E+01
			K-40	1.42E+02	8.17E+01	1.21E+02

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 78 [INDICATOR - S @ 0.5 miles]

Sample ID:	621475	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	3.70E+02	1.18E+02	1.81E+02

Sample Point 79 [INDICATOR - S @ 0.5 miles]

Sample ID:	604711	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.18E+00	0.00E+00	6.18E+00
			Co-58	<7.89E+00	0.00E+00	7.89E+00
			Fe-59	<1.26E+01	0.00E+00	1.26E+01
			Co-60	<6.23E+00	0.00E+00	6.23E+00
			Zn-65	<9.50E+00	0.00E+00	9.50E+00
			Zr-95	<1.08E+01	0.00E+00	1.08E+01
			Nb-95	<7.16E+00	0.00E+00	7.16E+00
			I-131	<1.09E+01	0.00E+00	1.09E+01
			Cs-134	<7.96E+00	0.00E+00	7.96E+00
			Cs-137	<5.77E+00	0.00E+00	5.77E+00
			BaLa-140	<9.22E+00	0.00E+00	9.22E+00
			Be-7	<5.19E+01	0.00E+00	5.19E+01
			K-40	1.69E+02	7.05E+01	8.18E+01
			H3GW	<1.78E+02	0.00E+00	1.89E+02
Sample ID:	611667	Sample Dates: 5/21/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.45E+00	0.00E+00	5.45E+00
			Co-58	<5.23E+00	0.00E+00	5.23E+00
			Fe-59	<1.17E+01	0.00E+00	1.17E+01
			Co-60	<6.52E+00	0.00E+00	6.52E+00
			Zn-65	<1.27E+01	0.00E+00	1.27E+01
			Zr-95	<1.02E+01	0.00E+00	1.02E+01
			Nb-95	<6.56E+00	0.00E+00	6.56E+00
			I-131	<1.05E+01	0.00E+00	1.05E+01
			Cs-134	<6.70E+00	0.00E+00	6.70E+00
			Cs-137	<6.14E+00	0.00E+00	6.14E+00
			BaLa-140	<8.65E+00	0.00E+00	8.65E+00
			Be-7	1.86E+01	2.87E+01	4.82E+01
			K-40	1.85E+02	7.46E+01	9.01E+01
			H3GW	2.59E+02	1.17E+02	1.87E+02
Sample ID:	616927	Sample Dates: 8/19/2024 - 8/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.28E+00	0.00E+00	6.28E+00
			Co-58	<5.80E+00	0.00E+00	5.80E+00
			Fe-59	<9.84E+00	0.00E+00	9.84E+00
			Co-60	<5.78E+00	0.00E+00	5.78E+00
			Zn-65	<1.31E+01	0.00E+00	1.31E+01
			Zr-95	<8.74E+00	0.00E+00	8.74E+00
			Nb-95	<4.72E+00	0.00E+00	4.72E+00
			I-131	<6.35E+00	0.00E+00	6.35E+00
			Cs-134	<5.61E+00	0.00E+00	5.61E+00
			Cs-137	<5.46E+00	0.00E+00	5.46E+00
			BaLa-140	<7.53E+00	0.00E+00	7.53E+00
			Be-7	<4.86E+01	0.00E+00	4.86E+01
			K-40	1.91E+02	7.72E+01	9.49E+01
			H3GW	<6.98E+01	0.00E+00	2.03E+02
Sample ID:	621476	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.03E+00	0.00E+00	6.03E+00
			Co-58	<5.18E+00	0.00E+00	5.18E+00
			Fe-59	<1.49E+01	0.00E+00	1.49E+01
			Co-60	<6.31E+00	0.00E+00	6.31E+00
			Zn-65	<1.41E+01	0.00E+00	1.41E+01
			Zr-95	<1.19E+01	0.00E+00	1.19E+01
			Nb-95	<7.16E+00	0.00E+00	7.16E+00
			I-131	<1.12E+01	0.00E+00	1.12E+01
			Cs-134	<7.33E+00	0.00E+00	7.33E+00
			Cs-137	<6.52E+00	0.00E+00	6.52E+00
			BaLa-140	<1.04E+01	0.00E+00	1.04E+01
			Be-7	<5.75E+01	0.00E+00	5.75E+01
			K-40	2.32E+02	7.86E+01	8.39E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 79 [INDICATOR - S @ 0.5 miles]

Sample ID:	621476	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	1.88E+02	1.11E+02	1.81E+02

Sample Point 80 [INDICATOR - S @ 0.6 miles]

Sample ID:	604712	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.02E+00	0.00E+00	6.02E+00
			Co-58	<6.62E+00	0.00E+00	6.62E+00
			Fe-59	<1.19E+01	0.00E+00	1.19E+01
			Co-60	<6.67E+00	0.00E+00	6.67E+00
			Zn-65	<1.30E+01	0.00E+00	1.30E+01
			Zr-95	<1.19E+01	0.00E+00	1.19E+01
			Nb-95	<6.77E+00	0.00E+00	6.77E+00
			I-131	<1.04E+01	0.00E+00	1.04E+01
			Cs-134	<7.14E+00	0.00E+00	7.14E+00
			Cs-137	<5.06E+00	0.00E+00	5.06E+00
			BaLa-140	<1.03E+01	0.00E+00	1.03E+01
			Be-7	<6.15E+01	0.00E+00	6.15E+01
			K-40	2.51E+02	8.79E+01	1.03E+02
			H3GW	<1.73E+02	0.00E+00	1.89E+02
Sample ID:	611668	Sample Dates: 5/21/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.74E+00	0.00E+00	5.74E+00
			Co-58	<5.74E+00	0.00E+00	5.74E+00
			Fe-59	<9.63E+00	0.00E+00	9.63E+00
			Co-60	<5.17E+00	0.00E+00	5.17E+00
			Zn-65	<7.18E+00	0.00E+00	7.18E+00
			Zr-95	<1.24E+01	0.00E+00	1.24E+01
			Nb-95	<7.09E+00	0.00E+00	7.09E+00
			I-131	<8.52E+00	0.00E+00	8.52E+00
			Cs-134	<6.85E+00	0.00E+00	6.85E+00
			Cs-137	<5.55E+00	0.00E+00	5.55E+00
			BaLa-140	<9.10E+00	0.00E+00	9.10E+00
			Be-7	<4.03E+01	0.00E+00	4.03E+01
			K-40	1.46E+02	7.05E+01	9.09E+01
			H3GW	<1.49E+02	0.00E+00	1.87E+02
Sample ID:	616928	Sample Dates: 8/19/2024 - 8/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.68E+00	0.00E+00	5.68E+00
			Co-58	<5.29E+00	0.00E+00	5.29E+00
			Fe-59	<1.09E+01	0.00E+00	1.09E+01
			Co-60	<6.82E+00	0.00E+00	6.82E+00
			Zn-65	<1.07E+01	0.00E+00	1.07E+01
			Zr-95	<1.19E+01	0.00E+00	1.19E+01
			Nb-95	<5.41E+00	0.00E+00	5.41E+00
			I-131	<9.56E+00	0.00E+00	9.56E+00
			Cs-134	<5.65E+00	0.00E+00	5.65E+00
			Cs-137	<7.23E+00	0.00E+00	7.23E+00
			BaLa-140	<9.08E+00	0.00E+00	9.08E+00
			Be-7	<3.94E+01	0.00E+00	3.94E+01
			K-40	1.25E+02	7.07E+01	9.81E+01
			H3GW	<4.01E+01	0.00E+00	2.02E+02
Sample ID:	621477	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.41E+00	0.00E+00	5.41E+00
			Co-58	<5.99E+00	0.00E+00	5.99E+00
			Fe-59	<1.20E+01	0.00E+00	1.20E+01
			Co-60	<5.29E+00	0.00E+00	5.29E+00
			Zn-65	<1.54E+01	0.00E+00	1.54E+01
			Zr-95	<1.17E+01	0.00E+00	1.17E+01
			Nb-95	<7.02E+00	0.00E+00	7.02E+00
			I-131	<1.06E+01	0.00E+00	1.06E+01
			Cs-134	<7.02E+00	0.00E+00	7.02E+00
			Cs-137	<5.03E+00	0.00E+00	5.03E+00
			BaLa-140	<1.12E+01	0.00E+00	1.12E+01
			Be-7	<4.12E+01	0.00E+00	4.12E+01
			K-40	2.75E+02	7.94E+01	7.23E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 80 [INDICATOR - S @ 0.6 miles]

Sample ID:	621477	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	<1.40E+02	0.00E+00	1.88E+02

Sample Point 81 [INDICATOR - S @ 0.6 miles]

Sample ID:	604713	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.09E+00	0.00E+00	6.09E+00
			Co-58	<6.49E+00	0.00E+00	6.49E+00
			Fe-59	<1.42E+01	0.00E+00	1.42E+01
			Co-60	<6.60E+00	0.00E+00	6.60E+00
			Zn-65	<1.04E+01	0.00E+00	1.04E+01
			Zr-95	<1.16E+01	0.00E+00	1.16E+01
			Nb-95	<5.65E+00	0.00E+00	5.65E+00
			I-131	<1.02E+01	0.00E+00	1.02E+01
			Cs-134	<8.82E+00	0.00E+00	8.82E+00
			Cs-137	<4.00E+00	0.00E+00	4.00E+00
			BaLa-140	<1.02E+01	0.00E+00	1.02E+01
			Be-7	<5.15E+01	0.00E+00	5.15E+01
			K-40	1.38E+02	6.33E+01	7.68E+01
			H3GW	2.38E+02	1.18E+02	1.90E+02
Sample ID:	**611669**	**Sample Dates: 5/21/2024 - 5/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<6.77E+00	0.00E+00	6.77E+00
			Co-58	<4.01E+00	0.00E+00	4.01E+00
			Fe-59	<9.95E+00	0.00E+00	9.95E+00
			Co-60	<4.95E+00	0.00E+00	4.95E+00
			Zn-65	<1.10E+01	0.00E+00	1.10E+01
			Zr-95	<9.69E+00	0.00E+00	9.69E+00
			Nb-95	<5.68E+00	0.00E+00	5.68E+00
			I-131	<9.09E+00	0.00E+00	9.09E+00
			Cs-134	<5.73E+00	0.00E+00	5.73E+00
			Cs-137	<4.53E+00	0.00E+00	4.53E+00
			BaLa-140	<6.72E+00	0.00E+00	6.72E+00
			Be-7	<4.80E+01	0.00E+00	4.80E+01
			K-40	1.99E+02	7.34E+01	8.22E+01
			H3GW	<1.55E+02	0.00E+00	1.87E+02
Sample ID:	**616929**	**Sample Dates: 8/19/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.87E+00	0.00E+00	5.87E+00
			Co-58	<3.53E+00	0.00E+00	3.53E+00
			Fe-59	<1.15E+01	0.00E+00	1.15E+01
			Co-60	<6.18E+00	0.00E+00	6.18E+00
			Zn-65	<1.21E+01	0.00E+00	1.21E+01
			Zr-95	<1.03E+01	0.00E+00	1.03E+01
			Nb-95	<4.81E+00	0.00E+00	4.81E+00
			I-131	<7.03E+00	0.00E+00	7.03E+00
			Cs-134	<5.71E+00	0.00E+00	5.71E+00
			Cs-137	<6.40E+00	0.00E+00	6.40E+00
			BaLa-140	<6.94E+00	0.00E+00	6.94E+00
			Be-7	<4.03E+01	0.00E+00	4.03E+01
			K-40	9.81E+01	6.50E+01	9.43E+01
			H3GW	<8.24E+01	0.00E+00	2.01E+02
Sample ID:	**621478**	**Sample Dates: 11/18/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<6.85E+00	0.00E+00	6.85E+00
			Co-58	<6.37E+00	0.00E+00	6.37E+00
			Fe-59	<1.64E+01	0.00E+00	1.64E+01
			Co-60	<6.79E+00	0.00E+00	6.79E+00
			Zn-65	<1.44E+01	0.00E+00	1.44E+01
			Zr-95	<9.23E+00	0.00E+00	9.23E+00
			Nb-95	<7.47E+00	0.00E+00	7.47E+00
			I-131	<1.02E+01	0.00E+00	1.02E+01
			Cs-134	<8.19E+00	0.00E+00	8.19E+00
			Cs-137	<6.95E+00	0.00E+00	6.95E+00
			BaLa-140	<1.13E+01	0.00E+00	1.13E+01
			Be-7	<6.28E+01	0.00E+00	6.28E+01
			K-40	<1.21E+02	0.00E+00	1.21E+02

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 81 [INDICATOR - S @ 0.6 miles]

Sample ID:	621478	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	2.16E+02	1.16E+02	1.87E+02

Sample Point 82 [INDICATOR - S @ 0.6 miles]

Sample ID:	604714	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<3.83E+00	0.00E+00	3.83E+00
			Co-58	<4.36E+00	0.00E+00	4.36E+00
			Fe-59	<7.85E+00	0.00E+00	7.85E+00
			Co-60	<4.00E+00	0.00E+00	4.00E+00
			Zn-65	<9.12E+00	0.00E+00	9.12E+00
			Zr-95	<6.44E+00	0.00E+00	6.44E+00
			Nb-95	<4.27E+00	0.00E+00	4.27E+00
			I-131	<6.51E+00	0.00E+00	6.51E+00
			Cs-134	<4.49E+00	0.00E+00	4.49E+00
			Cs-137	<4.07E+00	0.00E+00	4.07E+00
			BaLa-140	<5.71E+00	0.00E+00	5.71E+00
			Be-7	<3.35E+01	0.00E+00	3.35E+01
			K-40	1.72E+02	4.61E+01	4.31E+01
			H3GW	<4.52E+01	0.00E+00	1.89E+02
Sample ID:	611670	Sample Dates: 5/21/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.56E+00	0.00E+00	6.56E+00
			Co-58	<6.26E+00	0.00E+00	6.26E+00
			Fe-59	<1.25E+01	0.00E+00	1.25E+01
			Co-60	<6.31E+00	0.00E+00	6.31E+00
			Zn-65	<1.36E+01	0.00E+00	1.36E+01
			Zr-95	<1.22E+01	0.00E+00	1.22E+01
			Nb-95	<8.43E+00	0.00E+00	8.43E+00
			I-131	<1.06E+01	0.00E+00	1.06E+01
			Cs-134	<7.87E+00	0.00E+00	7.87E+00
			Cs-137	<6.36E+00	0.00E+00	6.36E+00
			BaLa-140	<1.28E+01	0.00E+00	1.28E+01
			Be-7	<5.30E+01	0.00E+00	5.30E+01
			K-40	<1.59E+02	0.00E+00	1.59E+02
			H3GW	<1.75E+02	0.00E+00	1.86E+02
Sample ID:	616930	Sample Dates: 8/19/2024 - 8/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.09E+00	0.00E+00	7.09E+00
			Co-58	<6.34E+00	0.00E+00	6.34E+00
			Fe-59	<1.17E+01	0.00E+00	1.17E+01
			Co-60	<7.29E+00	0.00E+00	7.29E+00
			Zn-65	<1.47E+01	0.00E+00	1.47E+01
			Zr-95	<1.14E+01	0.00E+00	1.14E+01
			Nb-95	<7.53E+00	0.00E+00	7.53E+00
			I-131	<9.57E+00	0.00E+00	9.57E+00
			Cs-134	<7.32E+00	0.00E+00	7.32E+00
			Cs-137	<7.63E+00	0.00E+00	7.63E+00
			BaLa-140	<1.17E+01	0.00E+00	1.17E+01
			Be-7	<6.02E+01	0.00E+00	6.02E+01
			K-40	1.24E+02	6.04E+01	7.11E+01
			H3GW	<1.32E+02	0.00E+00	1.90E+02
Sample ID:	621479	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.32E+00	0.00E+00	6.32E+00
			Co-58	<5.96E+00	0.00E+00	5.96E+00
			Fe-59	<1.04E+01	0.00E+00	1.04E+01
			Co-60	<7.17E+00	0.00E+00	7.17E+00
			Zn-65	<7.11E+00	0.00E+00	7.11E+00
			Zr-95	<9.63E+00	0.00E+00	9.63E+00
			Nb-95	<8.12E+00	0.00E+00	8.12E+00
			I-131	<1.02E+01	0.00E+00	1.02E+01
			Cs-134	<7.06E+00	0.00E+00	7.06E+00
			Cs-137	<6.29E+00	0.00E+00	6.29E+00
			BaLa-140	<9.95E+00	0.00E+00	9.95E+00
			Be-7	<5.84E+01	0.00E+00	5.84E+01
			K-40	1.76E+02	6.80E+01	7.33E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 82 [INDICATOR - S @ 0.6 miles]

Sample ID:	621479	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	<8.58E+01	0.00E+00	1.89E+02

Sample Point 83 [INDICATOR - SSW @ 1.6 miles]

Sample ID:	604715	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.63E+00	0.00E+00	5.63E+00
			Co-58	<5.83E+00	0.00E+00	5.83E+00
			Fe-59	<9.43E+00	0.00E+00	9.43E+00
			Co-60	<6.70E+00	0.00E+00	6.70E+00
			Zn-65	<1.19E+01	0.00E+00	1.19E+01
			Zr-95	<1.15E+01	0.00E+00	1.15E+01
			Nb-95	<7.45E+00	0.00E+00	7.45E+00
			I-131	<1.05E+01	0.00E+00	1.05E+01
			Cs-134	<5.30E+00	0.00E+00	5.30E+00
			Cs-137	<6.79E+00	0.00E+00	6.79E+00
			BaLa-140	<1.11E+01	0.00E+00	1.11E+01
			Be-7	<4.64E+01	0.00E+00	4.64E+01
			K-40	2.01E+02	7.13E+01	7.40E+01
			H3GW	6.09E+02	1.31E+02	1.89E+02
Sample ID:	611671	Sample Dates: 5/21/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.60E+00	0.00E+00	5.60E+00
			Co-58	<6.22E+00	0.00E+00	6.22E+00
			Fe-59	<1.16E+01	0.00E+00	1.16E+01
			Co-60	<7.60E+00	0.00E+00	7.60E+00
			Zn-65	<1.20E+01	0.00E+00	1.20E+01
			Zr-95	<1.02E+01	0.00E+00	1.02E+01
			Nb-95	<7.89E+00	0.00E+00	7.89E+00
			I-131	<1.09E+01	0.00E+00	1.09E+01
			Cs-134	<7.37E+00	0.00E+00	7.37E+00
			Cs-137	<5.22E+00	0.00E+00	5.22E+00
			BaLa-140	<8.83E+00	0.00E+00	8.83E+00
			Be-7	<4.78E+01	0.00E+00	4.78E+01
			K-40	<1.38E+02	0.00E+00	1.38E+02
			H3GW	7.39E+02	1.33E+02	1.86E+02
Sample ID:	616931	Sample Dates: 8/19/2024 - 8/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.39E+00	0.00E+00	5.39E+00
			Co-58	<6.71E+00	0.00E+00	6.71E+00
			Fe-59	<1.18E+01	0.00E+00	1.18E+01
			Co-60	<7.31E+00	0.00E+00	7.31E+00
			Zn-65	<1.39E+01	0.00E+00	1.39E+01
			Zr-95	<1.20E+01	0.00E+00	1.20E+01
			Nb-95	<8.29E+00	0.00E+00	8.29E+00
			I-131	<8.52E+00	0.00E+00	8.52E+00
			Cs-134	<9.40E+00	0.00E+00	9.40E+00
			Cs-137	<6.83E+00	0.00E+00	6.83E+00
			BaLa-140	<8.33E+00	0.00E+00	8.33E+00
			Be-7	<5.61E+01	0.00E+00	5.61E+01
			K-40	2.04E+02	9.65E+01	1.35E+02
			H3GW	7.20E+02	1.34E+02	1.90E+02
Sample ID:	621480	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.77E+00	0.00E+00	6.77E+00
			Co-58	<5.09E+00	0.00E+00	5.09E+00
			Fe-59	<1.12E+01	0.00E+00	1.12E+01
			Co-60	<7.48E+00	0.00E+00	7.48E+00
			Zn-65	<1.57E+01	0.00E+00	1.57E+01
			Zr-95	<5.75E+00	0.00E+00	5.75E+00
			Nb-95	<6.68E+00	0.00E+00	6.68E+00
			I-131	<1.07E+01	0.00E+00	1.07E+01
			Cs-134	<6.62E+00	0.00E+00	6.62E+00
			Cs-137	<5.56E+00	0.00E+00	5.56E+00
			BaLa-140	<1.02E+01	0.00E+00	1.02E+01
			Be-7	<5.00E+01	0.00E+00	5.00E+01
			K-40	1.14E+02	5.75E+01	7.16E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 83 [INDICATOR - SSW @ 1.6 miles]

Sample ID:	621480	Sample Dates: 11/18/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	7.35E+02	1.34E+02	1.88E+02

Sample Point 84 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	604716	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.64E+00	0.00E+00	5.64E+00
			Co-58	<6.89E+00	0.00E+00	6.89E+00
			Fe-59	<9.83E+00	0.00E+00	9.83E+00
			Co-60	<5.38E+00	0.00E+00	5.38E+00
			Zn-65	<1.16E+01	0.00E+00	1.16E+01
			Zr-95	<1.05E+01	0.00E+00	1.05E+01
			Nb-95	<5.76E+00	0.00E+00	5.76E+00
			I-131	<9.68E+00	0.00E+00	9.68E+00
			Cs-134	<6.50E+00	0.00E+00	6.50E+00
			Cs-137	<4.67E+00	0.00E+00	4.67E+00
			BaLa-140	<1.07E+01	0.00E+00	1.07E+01
			Be-7	<4.83E+01	0.00E+00	4.83E+01
			K-40	<1.21E+02	0.00E+00	1.21E+02
			H3GW	<-2.9E+01	0.00E+00	1.89E+02
Sample ID:	611672	Sample Dates: 5/20/2024 - 5/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.90E+00	0.00E+00	6.90E+00
			Co-58	<6.72E+00	0.00E+00	6.72E+00
			Fe-59	<1.39E+01	0.00E+00	1.39E+01
			Co-60	<3.92E+00	0.00E+00	3.92E+00
			Zn-65	<1.13E+01	0.00E+00	1.13E+01
			Zr-95	<1.27E+01	0.00E+00	1.27E+01
			Nb-95	<6.40E+00	0.00E+00	6.40E+00
			I-131	<1.16E+01	0.00E+00	1.16E+01
			Cs-134	<7.13E+00	0.00E+00	7.13E+00
			Cs-137	<6.16E+00	0.00E+00	6.16E+00
			BaLa-140	<9.75E+00	0.00E+00	9.75E+00
			Be-7	<4.28E+01	0.00E+00	4.28E+01
			K-40	1.83E+02	6.30E+01	5.38E+01
			H3GW	<5.32E+01	0.00E+00	1.86E+02
Sample ID:	616932	Sample Dates: 8/20/2024 - 8/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.66E+00	0.00E+00	7.66E+00
			Co-58	<7.33E+00	0.00E+00	7.33E+00
			Fe-59	<1.37E+01	0.00E+00	1.37E+01
			Co-60	<7.86E+00	0.00E+00	7.86E+00
			Zn-65	<1.32E+01	0.00E+00	1.32E+01
			Zr-95	<1.34E+01	0.00E+00	1.34E+01
			Nb-95	<8.07E+00	0.00E+00	8.07E+00
			I-131	<6.67E+00	0.00E+00	6.67E+00
			Cs-134	<6.79E+00	0.00E+00	6.79E+00
			Cs-137	<6.94E+00	0.00E+00	6.94E+00
			BaLa-140	<6.12E+00	0.00E+00	6.12E+00
			Be-7	<4.49E+01	0.00E+00	4.49E+01
			K-40	2.29E+02	8.47E+01	9.52E+01
			H3GW	<6.20E+01	0.00E+00	1.90E+02
Sample ID:	621481	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.55E+00	0.00E+00	6.55E+00
			Co-58	<7.40E+00	0.00E+00	7.40E+00
			Fe-59	<1.29E+01	0.00E+00	1.29E+01
			Co-60	<6.67E+00	0.00E+00	6.67E+00
			Zn-65	<1.05E+01	0.00E+00	1.05E+01
			Zr-95	<1.15E+01	0.00E+00	1.15E+01
			Nb-95	<7.19E+00	0.00E+00	7.19E+00
			I-131	<1.13E+01	0.00E+00	1.13E+01
			Cs-134	<8.37E+00	0.00E+00	8.37E+00
			Cs-137	<6.98E+00	0.00E+00	6.98E+00
			BaLa-140	<1.11E+01	0.00E+00	1.11E+01
			Be-7	<5.14E+01	0.00E+00	5.14E+01
			K-40	1.89E+02	7.52E+01	8.98E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 84 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	621481	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	<-1.3E+01	0.00E+00	1.88E+02

Sample Point 85 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	604717	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.13E+00	0.00E+00	6.13E+00
			Co-58	<7.08E+00	0.00E+00	7.08E+00
			Fe-59	<1.03E+01	0.00E+00	1.03E+01
			Co-60	<6.07E+00	0.00E+00	6.07E+00
			Zn-65	<1.08E+01	0.00E+00	1.08E+01
			Zr-95	<1.14E+01	0.00E+00	1.14E+01
			Nb-95	<6.68E+00	0.00E+00	6.68E+00
			I-131	<8.68E+00	0.00E+00	8.68E+00
			Cs-134	<6.17E+00	0.00E+00	6.17E+00
			Cs-137	<6.78E+00	0.00E+00	6.78E+00
			BaLa-140	<1.18E+01	0.00E+00	1.18E+01
			Be-7	<4.51E+01	0.00E+00	4.51E+01
			K-40	1.74E+02	6.07E+01	4.85E+01
			H3GW	<1.33E+01	0.00E+00	1.89E+02
Sample ID:	611673	Sample Dates: 5/20/2024 - 5/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.61E+00	0.00E+00	4.61E+00
			Co-58	<5.54E+00	0.00E+00	5.54E+00
			Fe-59	<1.44E+01	0.00E+00	1.44E+01
			Co-60	<5.79E+00	0.00E+00	5.79E+00
			Zn-65	<1.10E+01	0.00E+00	1.10E+01
			Zr-95	<1.07E+01	0.00E+00	1.07E+01
			Nb-95	<5.77E+00	0.00E+00	5.77E+00
			I-131	<1.14E+01	0.00E+00	1.14E+01
			Cs-134	<6.71E+00	0.00E+00	6.71E+00
			Cs-137	<4.21E+00	0.00E+00	4.21E+00
			BaLa-140	<1.11E+01	0.00E+00	1.11E+01
			Be-7	<4.64E+01	0.00E+00	4.64E+01
			K-40	1.20E+02	6.23E+01	8.14E+01
			H3GW	<3.74E+01	0.00E+00	1.87E+02
Sample ID:	616933	Sample Dates: 8/20/2024 - 8/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.24E+00	0.00E+00	4.24E+00
			Co-58	<6.34E+00	0.00E+00	6.34E+00
			Fe-59	<1.17E+01	0.00E+00	1.17E+01
			Co-60	<6.02E+00	0.00E+00	6.02E+00
			Zn-65	<1.28E+01	0.00E+00	1.28E+01
			Zr-95	<1.03E+01	0.00E+00	1.03E+01
			Nb-95	<7.00E+00	0.00E+00	7.00E+00
			I-131	<8.54E+00	0.00E+00	8.54E+00
			Cs-134	<7.09E+00	0.00E+00	7.09E+00
			Cs-137	<6.59E+00	0.00E+00	6.59E+00
			BaLa-140	<1.01E+01	0.00E+00	1.01E+01
			Be-7	<5.83E+01	0.00E+00	5.83E+01
			K-40	2.07E+02	7.46E+01	7.59E+01
			H3GW	<-2.5E+01	0.00E+00	1.90E+02
Sample ID:	621482	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.59E+00	0.00E+00	5.59E+00
			Co-58	<7.76E+00	0.00E+00	7.76E+00
			Fe-59	<1.26E+01	0.00E+00	1.26E+01
			Co-60	<7.49E+00	0.00E+00	7.49E+00
			Zn-65	<1.58E+01	0.00E+00	1.58E+01
			Zr-95	<1.25E+01	0.00E+00	1.25E+01
			Nb-95	<8.79E+00	0.00E+00	8.79E+00
			I-131	<9.98E+00	0.00E+00	9.98E+00
			Cs-134	<7.78E+00	0.00E+00	7.78E+00
			Cs-137	<6.75E+00	0.00E+00	6.75E+00
			BaLa-140	<1.32E+01	0.00E+00	1.32E+01
			Be-7	<6.37E+01	0.00E+00	6.37E+01
			K-40	1.30E+02	1.55E+02	2.55E+02

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 85 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	621482	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3GW	<2.07E+01	0.00E+00	1.88E+02

Sample Point 86 [INDICATOR - SW @ 0.2 miles]

Sample ID:	604718	Sample Dates: 2/12/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.10E+00	0.00E+00	6.10E+00
			Co-58	<4.84E+00	0.00E+00	4.84E+00
			Fe-59	<1.27E+01	0.00E+00	1.27E+01
			Co-60	<7.76E+00	0.00E+00	7.76E+00
			Zn-65	<1.48E+01	0.00E+00	1.48E+01
			Zr-95	<1.07E+01	0.00E+00	1.07E+01
			Nb-95	<6.27E+00	0.00E+00	6.27E+00
			I-131	<1.08E+01	0.00E+00	1.08E+01
			Cs-134	<6.19E+00	0.00E+00	6.19E+00
			Cs-137	<5.91E+00	0.00E+00	5.91E+00
			BaLa-140	<1.24E+01	0.00E+00	1.24E+01
			Be-7	<4.68E+01	0.00E+00	4.68E+01
			K-40	1.62E+02	7.20E+01	9.12E+01
			H3GW	4.52E+02	1.25E+02	1.89E+02
Sample ID:	**609634**	**Sample Dates: 4/3/2024 - 4/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3GW	2.20E+02	1.14E+02	1.83E+02
Sample ID:	**611674**	**Sample Dates: 5/20/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.85E+00	0.00E+00	4.85E+00
			Co-58	<6.26E+00	0.00E+00	6.26E+00
			Fe-59	<1.26E+01	0.00E+00	1.26E+01
			Co-60	<4.64E+00	0.00E+00	4.64E+00
			Zn-65	<1.28E+01	0.00E+00	1.28E+01
			Zr-95	<1.26E+01	0.00E+00	1.26E+01
			Nb-95	<7.87E+00	0.00E+00	7.87E+00
			I-131	<1.05E+01	0.00E+00	1.05E+01
			Cs-134	<5.50E+00	0.00E+00	5.50E+00
			Cs-137	<7.09E+00	0.00E+00	7.09E+00
			BaLa-140	<1.24E+01	0.00E+00	1.24E+01
			Be-7	<4.97E+01	0.00E+00	4.97E+01
			K-40	1.41E+02	6.31E+01	7.39E+01
			H3GW	3.59E+02	1.21E+02	1.86E+02
Sample ID:	**616934**	**Sample Dates: 8/20/2024 - 8/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.38E+00	0.00E+00	5.38E+00
			Co-58	<6.53E+00	0.00E+00	6.53E+00
			Fe-59	<4.95E+00	0.00E+00	4.95E+00
			Co-60	<6.30E+00	0.00E+00	6.30E+00
			Zn-65	<1.34E+01	0.00E+00	1.34E+01
			Zr-95	<9.42E+00	0.00E+00	9.42E+00
			Nb-95	<5.89E+00	0.00E+00	5.89E+00
			I-131	<8.56E+00	0.00E+00	8.56E+00
			Cs-134	<6.71E+00	0.00E+00	6.71E+00
			Cs-137	<6.36E+00	0.00E+00	6.36E+00
			BaLa-140	<8.78E+00	0.00E+00	8.78E+00
			Be-7	<5.10E+01	0.00E+00	5.10E+01
			K-40	1.90E+02	8.25E+01	1.07E+02
			H3GW	2.75E+02	1.20E+02	1.91E+02
Sample ID:	**621483**	**Sample Dates: 11/19/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<6.58E+00	0.00E+00	6.58E+00
			Co-58	<6.58E+00	0.00E+00	6.58E+00
			Fe-59	<1.42E+01	0.00E+00	1.42E+01
			Co-60	<4.82E+00	0.00E+00	4.82E+00
			Zn-65	<1.19E+01	0.00E+00	1.19E+01
			Zr-95	<9.51E+00	0.00E+00	9.51E+00
			Nb-95	<6.47E+00	0.00E+00	6.47E+00
			I-131	<9.44E+00	0.00E+00	9.44E+00
			Cs-134	<6.44E+00	0.00E+00	6.44E+00
			Cs-137	<5.59E+00	0.00E+00	5.59E+00
			BaLa-140	<1.12E+01	0.00E+00	1.12E+01

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 86 [INDICATOR - SW @ 0.2 miles]

Sample ID:	621483	Sample Dates: 11/19/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<6.55E+01	0.00E+00	6.55E+01
			K-40	2.22E+02	7.03E+01	5.46E+01
			H3GW	2.72E+02	1.18E+02	1.88E+02

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 102 [INDICATOR - W @ 2.82 miles]

Sample ID:	611712	Sample Dates: 5/6/2024 - 5/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.99E-01	0.00E+00	7.99E-01
			I-131	<7.99E+00	0.00E+00	7.99E+00
			Cs-134	<1.04E+01	0.00E+00	1.04E+01
			Cs-137	<7.36E+00	0.00E+00	7.36E+00
			BaLa-140	<2.27E+00	0.00E+00	2.27E+00
			Be-7	<4.91E+01	0.00E+00	4.91E+01
			K-40	1.90E+03	2.75E+02	8.85E+01
Sample ID:	611737	Sample Dates: 5/20/2024 - 5/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.86E-01	0.00E+00	7.86E-01
			I-131	<6.57E+00	0.00E+00	6.57E+00
			Cs-134	<9.21E+00	0.00E+00	9.21E+00
			Cs-137	<7.78E+00	0.00E+00	7.78E+00
			BaLa-140	<8.16E+00	0.00E+00	8.16E+00
			Be-7	<5.76E+01	0.00E+00	5.76E+01
			K-40	2.12E+03	2.97E+02	1.08E+02
Sample ID:	611713	Sample Dates: 6/3/2024 - 6/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.66E-01	0.00E+00	7.66E-01
			I-131	<8.52E+00	0.00E+00	8.52E+00
			Cs-134	<8.83E+00	0.00E+00	8.83E+00
			Cs-137	<7.48E+00	0.00E+00	7.48E+00
			BaLa-140	<7.90E+00	0.00E+00	7.90E+00
			Be-7	<5.40E+01	0.00E+00	5.40E+01
			K-40	2.12E+03	2.98E+02	1.32E+02
Sample ID:	613521	Sample Dates: 6/17/2024 - 6/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.61E-01	0.00E+00	7.61E-01
			I-131	<7.00E+00	0.00E+00	7.00E+00
			Cs-134	<1.00E+01	0.00E+00	1.00E+01
			Cs-137	<7.36E+00	0.00E+00	7.36E+00
			BaLa-140	<2.28E+00	0.00E+00	2.28E+00
			Be-7	<5.70E+01	0.00E+00	5.70E+01
			K-40	2.20E+03	3.07E+02	1.34E+02
Sample ID:	614278	Sample Dates: 7/1/2024 - 7/1/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<6.68E-01	0.00E+00	6.68E-01
			I-131	<6.57E+00	0.00E+00	6.57E+00
			Cs-134	<7.47E+00	0.00E+00	7.47E+00
			Cs-137	<9.77E+00	0.00E+00	9.77E+00
			BaLa-140	<5.92E+00	0.00E+00	5.92E+00
			Be-7	<5.57E+01	0.00E+00	5.57E+01
			K-40	1.91E+03	2.71E+02	1.75E+01
Sample ID:	614644	Sample Dates: 7/15/2024 - 7/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.54E-01	0.00E+00	7.54E-01
			I-131	<1.00E+01	0.00E+00	1.00E+01
			Cs-134	<1.11E+01	0.00E+00	1.11E+01
			Cs-137	<8.17E+00	0.00E+00	8.17E+00
			BaLa-140	<6.50E+00	0.00E+00	6.50E+00
			Be-7	<5.25E+01	0.00E+00	5.25E+01
			K-40	2.15E+03	3.00E+02	1.15E+02
Sample ID:	616327	Sample Dates: 8/12/2024 - 8/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.72E-01	0.00E+00	7.72E-01
			I-131	<6.18E+00	0.00E+00	6.18E+00
			Cs-134	<6.68E+00	0.00E+00	6.68E+00
			Cs-137	<9.57E+00	0.00E+00	9.57E+00
			BaLa-140	<6.56E+00	0.00E+00	6.56E+00

HARRIS Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 102 [INDICATOR - W @ 2.82 miles]

Sample ID:	616327	Sample Dates: 8/12/2024 - 8/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<5.50E+01	0.00E+00	5.50E+01
			K-40	2.23E+03	3.07E+02	9.24E+01
Sample ID:	**617745**	**Sample Dates: 8/26/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.22E-01	0.00E+00	7.22E-01
			I-131	<7.38E+00	0.00E+00	7.38E+00
			Cs-134	<5.76E+00	0.00E+00	5.76E+00
			Cs-137	<7.52E+00	0.00E+00	7.52E+00
			BaLa-140	<6.04E+00	0.00E+00	6.04E+00
			Be-7	<4.78E+01	0.00E+00	4.78E+01
			K-40	1.93E+03	2.79E+02	1.20E+02
Sample ID:	**618386**	**Sample Dates: 9/3/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.69E-01	0.00E+00	7.69E-01
			I-131	<1.53E+01	0.00E+00	1.53E+01
			Cs-134	<1.10E+01	0.00E+00	1.10E+01
			Cs-137	<9.99E+00	0.00E+00	9.99E+00
			BaLa-140	<3.45E+00	0.00E+00	3.45E+00
			Be-7	<5.59E+01	0.00E+00	5.59E+01
			K-40	2.85E+03	3.61E+02	1.89E+01
Sample ID:	**619653**	**Sample Dates: 9/16/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.92E-01	0.00E+00	7.92E-01
			I-131	<7.26E+00	0.00E+00	7.26E+00
			Cs-134	<6.60E+00	0.00E+00	6.60E+00
			Cs-137	<8.82E+00	0.00E+00	8.82E+00
			BaLa-140	<2.23E+00	0.00E+00	2.23E+00
			Be-7	<5.85E+01	0.00E+00	5.85E+01
			K-40	1.92E+03	2.73E+02	8.04E+01
Sample ID:	**616998**	**Sample Dates: 9/23/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.88E-01	0.00E+00	7.88E-01
			I-131	<9.09E+00	0.00E+00	9.09E+00
			Cs-134	<9.20E+00	0.00E+00	9.20E+00
			Cs-137	<9.30E+00	0.00E+00	9.30E+00
			BaLa-140	<2.40E+00	0.00E+00	2.40E+00
			Be-7	<4.81E+01	0.00E+00	4.81E+01
			K-40	1.95E+03	2.85E+02	1.04E+02
Sample ID:	**619879**	**Sample Dates: 10/7/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.56E-01	0.00E+00	7.56E-01
			I-131	<1.02E+01	0.00E+00	1.02E+01
			Cs-134	<1.05E+01	0.00E+00	1.05E+01
			Cs-137	<9.65E+00	0.00E+00	9.65E+00
			BaLa-140	<6.73E+00	0.00E+00	6.73E+00
			Be-7	<6.24E+01	0.00E+00	6.24E+01
			K-40	2.12E+03	2.98E+02	8.38E+01
Sample ID:	**620633**	**Sample Dates: 10/21/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.70E-01	0.00E+00	7.70E-01
			I-131	<5.95E+00	0.00E+00	5.95E+00
			Cs-134	<8.03E+00	0.00E+00	8.03E+00
			Cs-137	<6.21E+00	0.00E+00	6.21E+00
			BaLa-140	<6.00E+00	0.00E+00	6.00E+00
			Be-7	<5.53E+01	0.00E+00	5.53E+01
			K-40	1.91E+03	2.78E+02	1.29E+02
Sample ID:	**621598**	**Sample Dates: 11/4/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.50E-01	0.00E+00	7.50E-01
			I-131	<6.55E+00	0.00E+00	6.55E+00
			Cs-134	<8.03E+00	0.00E+00	8.03E+00
			Cs-137	<7.52E+00	0.00E+00	7.52E+00
			BaLa-140	<6.01E+00	0.00E+00	6.01E+00
			Be-7	<4.77E+01	0.00E+00	4.77E+01
			K-40	2.13E+03	2.92E+02	7.73E+01

Media Type: SEDIMENT_BOTTOM Concentration (Activity): pCi/kg dry

Sample Point 52 [INDICATOR - S @ 3.8 miles]

Sample ID: 603982 **Sample Dates: 1/22/2024 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.26E+01	0.00E+00	4.26E+01
Co-58	<5.11E+01	0.00E+00	5.11E+01
Fe-59	<7.34E+01	0.00E+00	7.34E+01
Co-60	<4.21E+01	0.00E+00	4.21E+01
Zn-65	<1.06E+02	0.00E+00	1.06E+02
Zr-95	<7.82E+01	0.00E+00	7.82E+01
Nb-95	<4.63E+01	0.00E+00	4.63E+01
I-131	<8.21E+01	0.00E+00	8.21E+01
Cs-134	<5.45E+01	0.00E+00	5.45E+01
Cs-137	<4.13E+01	0.00E+00	4.13E+01
Be-7	<3.75E+02	0.00E+00	3.75E+02
K-40	2.12E+03	6.42E+02	1.22E+02
Co-57	<3.41E+01	0.00E+00	3.41E+01
Mo-99	<2.06E+03	0.00E+00	2.06E+03
Ag-110M	<4.03E+01	0.00E+00	4.03E+01
Sb-122	<3.62E+02	0.00E+00	3.62E+02
Sb-125	<1.05E+02	0.00E+00	1.05E+02

Sample ID: 616887 **Sample Dates: 7/11/2024 - 7/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.15E+02	0.00E+00	1.15E+02
Co-58	<9.89E+01	0.00E+00	9.89E+01
Fe-59	<2.32E+02	0.00E+00	2.32E+02
Co-60	<7.21E+01	0.00E+00	7.21E+01
Zn-65	<1.73E+02	0.00E+00	1.73E+02
Zr-95	<1.85E+02	0.00E+00	1.85E+02
Nb-95	<1.23E+02	0.00E+00	1.23E+02
I-131	<4.54E+02	0.00E+00	4.54E+02
Cs-134	<1.14E+02	0.00E+00	1.14E+02
Cs-137	<1.18E+02	0.00E+00	1.18E+02
Be-7	<7.20E+02	0.00E+00	7.20E+02
K-40	5.74E+03	1.48E+03	9.43E+02
Co-57	<6.39E+01	0.00E+00	6.39E+01
Mo-99	<1.51E+05	0.00E+00	1.51E+05
Ag-110M	<9.16E+01	0.00E+00	9.16E+01
Sb-122	<2.06E+04	0.00E+00	2.06E+04
Sb-125	<1.71E+02	0.00E+00	1.71E+02

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg dry

Sample Point 26 [INDICATOR - S @ 4.6 miles]

Sample ID: 603983 **Sample Dates: 1/22/2024 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.12E+01	0.00E+00	6.12E+01
Co-58	<5.30E+01	0.00E+00	5.30E+01
Fe-59	<1.48E+02	0.00E+00	1.48E+02
Co-60	<3.93E+01	0.00E+00	3.93E+01
Zn-65	<1.44E+02	0.00E+00	1.44E+02
Zr-95	<9.29E+01	0.00E+00	9.29E+01
Nb-95	<5.04E+01	0.00E+00	5.04E+01
I-131	<9.48E+01	0.00E+00	9.48E+01
Cs-134	<5.65E+01	0.00E+00	5.65E+01
Cs-137	<6.81E+01	0.00E+00	6.81E+01
Be-7	<5.24E+02	0.00E+00	5.24E+02
K-40	6.87E+03	1.45E+03	1.10E+03
Co-57	<4.29E+01	0.00E+00	4.29E+01
Mo-99	<3.22E+03	0.00E+00	3.22E+03
Ag-110M	<5.93E+01	0.00E+00	5.93E+01
Sb-122	<5.52E+02	0.00E+00	5.52E+02
Sb-125	<1.49E+02	0.00E+00	1.49E+02

Sample ID: 615924 **Sample Dates: 7/11/2024 - 7/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.75E+01	0.00E+00	4.75E+01
Co-58	<5.89E+01	0.00E+00	5.89E+01
Fe-59	<1.37E+02	0.00E+00	1.37E+02
Co-60	<5.29E+01	0.00E+00	5.29E+01
Zn-65	<1.28E+02	0.00E+00	1.28E+02
Zr-95	<1.11E+02	0.00E+00	1.11E+02

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg dry

Sample Point 26 [INDICATOR - S @ 4.6 miles]

Sample ID: 615924 **Sample Dates: 7/11/2024 - 7/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<5.93E+01	0.00E+00	5.93E+01
I-131	<2.63E+02	0.00E+00	2.63E+02
Cs-134	<6.31E+01	0.00E+00	6.31E+01
Cs-137	<5.14E+01	0.00E+00	5.14E+01
Be-7	<5.05E+02	0.00E+00	5.05E+02
K-40	7.64E+03	1.41E+03	7.40E+02
Co-57	<3.94E+01	0.00E+00	3.94E+01
Mo-99	<7.97E+04	0.00E+00	7.97E+04
Ag-110M	<5.35E+01	0.00E+00	5.35E+01
Sb-122	<1.49E+04	0.00E+00	1.49E+04
Sb-125	<1.42E+02	0.00E+00	1.42E+02

Sample Point 41 [INDICATOR - S @ 3.8 miles]

Sample ID: 603984 **Sample Dates: 1/22/2024 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.56E+01	0.00E+00	4.56E+01
Co-58	<3.42E+01	0.00E+00	3.42E+01
Fe-59	<1.23E+02	0.00E+00	1.23E+02
Co-60	<5.11E+01	0.00E+00	5.11E+01
Zn-65	<1.14E+02	0.00E+00	1.14E+02
Zr-95	<9.70E+01	0.00E+00	9.70E+01
Nb-95	<5.49E+01	0.00E+00	5.49E+01
I-131	<8.84E+01	0.00E+00	8.84E+01
Cs-134	<5.90E+01	0.00E+00	5.90E+01
Cs-137	<5.54E+01	0.00E+00	5.54E+01
Be-7	<2.77E+02	0.00E+00	2.77E+02
K-40	9.95E+03	1.59E+03	8.12E+02
Co-57	<3.89E+01	0.00E+00	3.89E+01
Mo-99	<2.15E+03	0.00E+00	2.15E+03
Ag-110M	<4.65E+01	0.00E+00	4.65E+01
Sb-122	<5.05E+02	0.00E+00	5.05E+02
Sb-125	<1.13E+02	0.00E+00	1.13E+02

Sample ID: 615925 **Sample Dates: 7/11/2024 - 7/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.67E+01	0.00E+00	5.67E+01
Co-58	<5.95E+01	0.00E+00	5.95E+01
Fe-59	<1.01E+02	0.00E+00	1.01E+02
Co-60	<4.79E+01	0.00E+00	4.79E+01
Zn-65	<1.08E+02	0.00E+00	1.08E+02
Zr-95	<8.73E+01	0.00E+00	8.73E+01
Nb-95	<6.65E+01	0.00E+00	6.65E+01
I-131	<2.37E+02	0.00E+00	2.37E+02
Cs-134	<5.67E+01	0.00E+00	5.67E+01
Cs-137	<4.33E+01	0.00E+00	4.33E+01
Be-7	<5.07E+02	0.00E+00	5.07E+02
K-40	1.13E+04	1.74E+03	8.10E+02
Co-57	<4.09E+01	0.00E+00	4.09E+01
Mo-99	<6.68E+04	0.00E+00	6.68E+04
Ag-110M	<3.10E+01	0.00E+00	3.10E+01
Sb-122	<1.12E+04	0.00E+00	1.12E+04
Sb-125	<1.47E+02	0.00E+00	1.47E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID: 604253 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.99E+00	0.00E+00	3.99E+00
Co-58	<4.63E+00	0.00E+00	4.63E+00
Fe-59	<1.09E+01	0.00E+00	1.09E+01
Co-60	<3.11E+00	0.00E+00	3.11E+00
Zn-65	<8.08E+00	0.00E+00	8.08E+00
Zr-95	<7.40E+00	0.00E+00	7.40E+00
Nb-95	<6.04E+00	0.00E+00	6.04E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.67E+00	0.00E+00	3.67E+00
Cs-137	<5.50E+00	0.00E+00	5.50E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	604253	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			BaLa-140	<8.25E+00	0.00E+00	8.25E+00
			Be-7	<3.81E+01	0.00E+00	3.81E+01
			K-40	1.09E+02	4.73E+01	5.33E+01
			H3SW	4.53E+03	2.26E+02	1.92E+02
Sample ID:	**606300**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.31E+00	0.00E+00	3.31E+00
			Co-58	<3.10E+00	0.00E+00	3.10E+00
			Fe-59	<7.67E+00	0.00E+00	7.67E+00
			Co-60	<2.54E+00	0.00E+00	2.54E+00
			Zn-65	<7.63E+00	0.00E+00	7.63E+00
			Zr-95	<6.34E+00	0.00E+00	6.34E+00
			Nb-95	<4.82E+00	0.00E+00	4.82E+00
			I-131	<1.27E+01	0.00E+00	1.27E+01
			Cs-134	<4.16E+00	0.00E+00	4.16E+00
			Cs-137	<3.54E+00	0.00E+00	3.54E+00
			BaLa-140	<7.21E+00	0.00E+00	7.21E+00
			Be-7	<3.60E+01	0.00E+00	3.60E+01
			K-40	1.25E+02	4.24E+01	4.78E+01
			H3SW	4.30E+03	2.23E+02	1.95E+02
Sample ID:	**609365**	**Sample Dates: 2/19/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.39E+00	0.00E+00	2.39E+00
			Co-58	<3.27E+00	0.00E+00	3.27E+00
			Fe-59	<5.11E+00	0.00E+00	5.11E+00
			Co-60	<2.38E+00	0.00E+00	2.38E+00
			Zn-65	<4.69E+00	0.00E+00	4.69E+00
			Zr-95	<6.07E+00	0.00E+00	6.07E+00
			Nb-95	<3.72E+00	0.00E+00	3.72E+00
			I-131	<1.19E+01	0.00E+00	1.19E+01
			Cs-134	<3.38E+00	0.00E+00	3.38E+00
			Cs-137	<2.88E+00	0.00E+00	2.88E+00
			BaLa-140	<6.50E+00	0.00E+00	6.50E+00
			Be-7	<2.89E+01	0.00E+00	2.89E+01
			K-40	6.89E+01	2.81E+01	3.31E+01
			H3SW	3.87E+03	2.01E+02	1.77E+02
Sample ID:	**611063**	**Sample Dates: 3/18/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.59E+00	0.00E+00	2.59E+00
			Co-58	<3.81E+00	0.00E+00	3.81E+00
			Fe-59	<7.69E+00	0.00E+00	7.69E+00
			Co-60	<3.47E+00	0.00E+00	3.47E+00
			Zn-65	<5.82E+00	0.00E+00	5.82E+00
			Zr-95	<3.85E+00	0.00E+00	3.85E+00
			Nb-95	<3.63E+00	0.00E+00	3.63E+00
			I-131	<1.18E+01	0.00E+00	1.18E+01
			Cs-134	<2.88E+00	0.00E+00	2.88E+00
			Cs-137	<2.81E+00	0.00E+00	2.81E+00
			BaLa-140	<6.70E+00	0.00E+00	6.70E+00
			Be-7	<2.99E+01	0.00E+00	2.99E+01
			K-40	9.95E+01	3.16E+01	2.58E+01
			H3SW	6.43E+03	2.50E+02	1.87E+02
Sample ID:	**612329**	**Sample Dates: 4/15/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.11E+00	0.00E+00	4.11E+00
			Co-58	<3.39E+00	0.00E+00	3.39E+00
			Fe-59	<6.82E+00	0.00E+00	6.82E+00
			Co-60	<4.41E+00	0.00E+00	4.41E+00
			Zn-65	<8.47E+00	0.00E+00	8.47E+00
			Zr-95	<9.38E+00	0.00E+00	9.38E+00
			Nb-95	<5.84E+00	0.00E+00	5.84E+00
			I-131	<1.25E+01	0.00E+00	1.25E+01
			Cs-134	<3.82E+00	0.00E+00	3.82E+00
			Cs-137	<2.66E+00	0.00E+00	2.66E+00
			BaLa-140	<1.02E+01	0.00E+00	1.02E+01
			Be-7	<3.26E+01	0.00E+00	3.26E+01
			K-40	1.22E+02	4.42E+01	4.96E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID:	612329	Sample Dates: 4/15/2024 - 5/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3SW	5.05E+03	2.22E+02	1.77E+02
Sample ID:	**614123**	**Sample Dates: 5/13/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.63E+00	0.00E+00	3.63E+00
			Co-58	<4.31E+00	0.00E+00	4.31E+00
			Fe-59	<7.28E+00	0.00E+00	7.28E+00
			Co-60	<3.42E+00	0.00E+00	3.42E+00
			Zn-65	<5.84E+00	0.00E+00	5.84E+00
			Zr-95	<6.76E+00	0.00E+00	6.76E+00
			Nb-95	<4.76E+00	0.00E+00	4.76E+00
			I-131	<1.35E+01	0.00E+00	1.35E+01
			Cs-134	<3.89E+00	0.00E+00	3.89E+00
			Cs-137	<3.18E+00	0.00E+00	3.18E+00
			BaLa-140	<1.01E+01	0.00E+00	1.01E+01
			Be-7	<3.52E+01	0.00E+00	3.52E+01
			K-40	6.87E+01	3.84E+01	5.27E+01
			H3SW	5.29E+03	2.26E+02	1.75E+02
Sample ID:	**615144**	**Sample Dates: 6/10/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.44E+00	0.00E+00	3.44E+00
			Co-58	<2.47E+00	0.00E+00	2.47E+00
			Fe-59	<8.24E+00	0.00E+00	8.24E+00
			Co-60	<3.33E+00	0.00E+00	3.33E+00
			Zn-65	<6.13E+00	0.00E+00	6.13E+00
			Zr-95	<7.39E+00	0.00E+00	7.39E+00
			Nb-95	<5.21E+00	0.00E+00	5.21E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<3.63E+00	0.00E+00	3.63E+00
			Cs-137	<4.26E+00	0.00E+00	4.26E+00
			BaLa-140	<1.02E+01	0.00E+00	1.02E+01
			Be-7	<3.14E+01	0.00E+00	3.14E+01
			K-40	8.18E+01	4.16E+01	5.37E+01
			H3SW	5.18E+03	2.26E+02	1.84E+02
Sample ID:	**617088**	**Sample Dates: 7/8/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.19E+00	0.00E+00	3.19E+00
			Co-58	<3.05E+00	0.00E+00	3.05E+00
			Fe-59	<6.28E+00	0.00E+00	6.28E+00
			Co-60	<3.08E+00	0.00E+00	3.08E+00
			Zn-65	<5.70E+00	0.00E+00	5.70E+00
			Zr-95	<4.41E+00	0.00E+00	4.41E+00
			Nb-95	<3.61E+00	0.00E+00	3.61E+00
			I-131	<1.35E+01	0.00E+00	1.35E+01
			Cs-134	<2.89E+00	0.00E+00	2.89E+00
			Cs-137	<1.89E+00	0.00E+00	1.89E+00
			BaLa-140	<9.10E+00	0.00E+00	9.10E+00
			Be-7	<3.10E+01	0.00E+00	3.10E+01
			K-40	9.25E+01	3.22E+01	3.36E+01
			H3SW	4.98E+03	2.25E+02	1.91E+02
Sample ID:	**618477**	**Sample Dates: 8/5/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.79E+00	0.00E+00	4.79E+00
			Co-58	<4.25E+00	0.00E+00	4.25E+00
			Fe-59	<9.69E+00	0.00E+00	9.69E+00
			Co-60	<3.49E+00	0.00E+00	3.49E+00
			Zn-65	<7.05E+00	0.00E+00	7.05E+00
			Zr-95	<7.22E+00	0.00E+00	7.22E+00
			Nb-95	<4.81E+00	0.00E+00	4.81E+00
			I-131	<1.29E+01	0.00E+00	1.29E+01
			Cs-134	<4.04E+00	0.00E+00	4.04E+00
			Cs-137	<3.98E+00	0.00E+00	3.98E+00
			BaLa-140	<1.10E+01	0.00E+00	1.10E+01
			Be-7	9.65E+00	1.95E+01	2.68E+01
			K-40	7.44E+01	4.07E+01	5.34E+01
			H3SW	4.60E+03	2.19E+02	1.91E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 26 [INDICATOR - S @ 4.7 miles]

Sample ID: 620429 Sample Dates: 9/3/2024 - 9/30/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.12E+00	0.00E+00	3.12E+00
Co-58	<4.01E+00	0.00E+00	4.01E+00
Fe-59	<4.68E+00	0.00E+00	4.68E+00
Co-60	<3.86E+00	0.00E+00	3.86E+00
Zn-65	<4.90E+00	0.00E+00	4.90E+00
Zr-95	<5.16E+00	0.00E+00	5.16E+00
Nb-95	<2.69E+00	0.00E+00	2.69E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<3.81E+00	0.00E+00	3.81E+00
Cs-137	<3.03E+00	0.00E+00	3.03E+00
BaLa-140	<7.21E+00	0.00E+00	7.21E+00
Be-7	<2.44E+01	0.00E+00	2.44E+01
K-40	7.62E+01	3.33E+01	3.91E+01
H3SW	3.22E+03	2.08E+02	2.05E+02

Sample ID: 622028 Sample Dates: 9/30/2024 - 10/28/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.68E+00	0.00E+00	3.68E+00
Co-58	<3.16E+00	0.00E+00	3.16E+00
Fe-59	<8.37E+00	0.00E+00	8.37E+00
Co-60	<3.58E+00	0.00E+00	3.58E+00
Zn-65	<7.01E+00	0.00E+00	7.01E+00
Zr-95	<6.22E+00	0.00E+00	6.22E+00
Nb-95	<3.76E+00	0.00E+00	3.76E+00
I-131	<1.22E+01	0.00E+00	1.22E+01
Cs-134	<3.80E+00	0.00E+00	3.80E+00
Cs-137	<2.21E+00	0.00E+00	2.21E+00
BaLa-140	<7.71E+00	0.00E+00	7.71E+00
Be-7	<2.76E+01	0.00E+00	2.76E+01
K-40	7.53E+01	3.96E+01	5.27E+01
H3SW	3.19E+03	1.90E+02	1.83E+02

Sample ID: 623265 Sample Dates: 10/28/2024 - 11/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.31E+00	0.00E+00	2.31E+00
Co-58	<2.56E+00	0.00E+00	2.56E+00
Fe-59	<5.58E+00	0.00E+00	5.58E+00
Co-60	<2.05E+00	0.00E+00	2.05E+00
Zn-65	<4.97E+00	0.00E+00	4.97E+00
Zr-95	<5.55E+00	0.00E+00	5.55E+00
Nb-95	<2.88E+00	0.00E+00	2.88E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<2.54E+00	0.00E+00	2.54E+00
Cs-137	<2.36E+00	0.00E+00	2.36E+00
BaLa-140	<7.97E+00	0.00E+00	7.97E+00
Be-7	<2.66E+01	0.00E+00	2.66E+01
K-40	4.71E+01	2.58E+01	3.65E+01
H3SW	3.64E+03	2.05E+02	1.88E+02

Sample ID: 625054 Sample Dates: 11/25/2024 - 12/23/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.22E+00	0.00E+00	2.22E+00
Co-58	<2.14E+00	0.00E+00	2.14E+00
Fe-59	<5.56E+00	0.00E+00	5.56E+00
Co-60	<2.10E+00	0.00E+00	2.10E+00
Zn-65	<4.17E+00	0.00E+00	4.17E+00
Zr-95	<4.33E+00	0.00E+00	4.33E+00
Nb-95	<2.98E+00	0.00E+00	2.98E+00
I-131	<1.27E+01	0.00E+00	1.27E+01
Cs-134	<2.45E+00	0.00E+00	2.45E+00
Cs-137	<2.43E+00	0.00E+00	2.43E+00
BaLa-140	<7.40E+00	0.00E+00	7.40E+00
Be-7	<2.21E+01	0.00E+00	2.21E+01
K-40	1.06E+02	2.38E+01	2.05E+01
H3SW	3.32E+03	1.93E+02	1.86E+02

Sample Point 40 [INDICATOR - SSE @ 17.2 miles]

Sample ID: 604254 Sample Dates: 12/27/2023 - 1/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.29E+00	0.00E+00	3.29E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 40 [INDICATOR - SSE @ 17.2 miles]

Sample ID: 604254 Sample Dates: 12/27/2023 - 1/22/2024

Nuclide	Activity	2 Sigma Error	MDA
Co-58	<4.74E+00	0.00E+00	4.74E+00
Fe-59	<6.00E+00	0.00E+00	6.00E+00
Co-60	<3.72E+00	0.00E+00	3.72E+00
Zn-65	<7.18E+00	0.00E+00	7.18E+00
Zr-95	<8.06E+00	0.00E+00	8.06E+00
Nb-95	<4.20E+00	0.00E+00	4.20E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.57E+00	0.00E+00	4.57E+00
Cs-137	<3.82E+00	0.00E+00	3.82E+00
BaLa-140	<7.49E+00	0.00E+00	7.49E+00
Be-7	<3.48E+01	0.00E+00	3.48E+01
K-40	7.48E+01	4.03E+01	5.54E+01

Sample ID: 606301 Sample Dates: 1/22/2024 - 2/19/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.83E+00	0.00E+00	2.83E+00
Co-58	<3.27E+00	0.00E+00	3.27E+00
Fe-59	<6.02E+00	0.00E+00	6.02E+00
Co-60	<3.37E+00	0.00E+00	3.37E+00
Zn-65	<6.74E+00	0.00E+00	6.74E+00
Zr-95	<6.35E+00	0.00E+00	6.35E+00
Nb-95	<4.92E+00	0.00E+00	4.92E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<3.02E+00	0.00E+00	3.02E+00
Cs-137	<2.32E+00	0.00E+00	2.32E+00
BaLa-140	<8.14E+00	0.00E+00	8.14E+00
Be-7	<3.26E+01	0.00E+00	3.26E+01
K-40	6.99E+01	3.45E+01	4.58E+01

Sample ID: 609366 Sample Dates: 2/19/2024 - 3/18/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.10E+00	0.00E+00	3.10E+00
Co-58	<3.12E+00	0.00E+00	3.12E+00
Fe-59	<6.49E+00	0.00E+00	6.49E+00
Co-60	<2.50E+00	0.00E+00	2.50E+00
Zn-65	<6.34E+00	0.00E+00	6.34E+00
Zr-95	<5.40E+00	0.00E+00	5.40E+00
Nb-95	<3.55E+00	0.00E+00	3.55E+00
I-131	<1.21E+01	0.00E+00	1.21E+01
Cs-134	<2.67E+00	0.00E+00	2.67E+00
Cs-137	<1.81E+00	0.00E+00	1.81E+00
BaLa-140	<7.40E+00	0.00E+00	7.40E+00
Be-7	<2.31E+01	0.00E+00	2.31E+01
K-40	9.65E+01	2.92E+01	2.51E+01

Sample ID: 607628 Sample Dates: 12/27/2023 - 4/15/2024

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<1.05E+02	0.00E+00	1.88E+02

Sample ID: 611064 Sample Dates: 3/18/2024 - 4/15/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.91E+00	0.00E+00	3.91E+00
Co-58	<4.35E+00	0.00E+00	4.35E+00
Fe-59	<8.36E+00	0.00E+00	8.36E+00
Co-60	<3.57E+00	0.00E+00	3.57E+00
Zn-65	<7.76E+00	0.00E+00	7.76E+00
Zr-95	<7.72E+00	0.00E+00	7.72E+00
Nb-95	<5.43E+00	0.00E+00	5.43E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<4.07E+00	0.00E+00	4.07E+00
Cs-137	<2.89E+00	0.00E+00	2.89E+00
BaLa-140	<8.57E+00	0.00E+00	8.57E+00
Be-7	<2.34E+01	0.00E+00	2.34E+01
K-40	5.26E+01	3.39E+01	4.73E+01

Sample ID: 612330 Sample Dates: 4/15/2024 - 5/13/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.48E+00	0.00E+00	2.48E+00
Co-58	<2.68E+00	0.00E+00	2.68E+00
Fe-59	<5.27E+00	0.00E+00	5.27E+00
Co-60	<3.20E+00	0.00E+00	3.20E+00
Zn-65	<5.11E+00	0.00E+00	5.11E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 40 [INDICATOR - SSE @ 17.2 miles]

Sample ID: 612330 Sample Dates: 4/15/2024 - 5/13/2024

Nuclide	Activity	2 Sigma Error	MDA
Zr-95	<6.48E+00	0.00E+00	6.48E+00
Nb-95	<4.11E+00	0.00E+00	4.11E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.20E+00	0.00E+00	3.20E+00
Cs-137	<2.86E+00	0.00E+00	2.86E+00
BaLa-140	<5.87E+00	0.00E+00	5.87E+00
Be-7	<2.58E+01	0.00E+00	2.58E+01
K-40	9.73E+01	3.95E+01	5.33E+01

Sample ID: 614124 Sample Dates: 5/13/2024 - 6/10/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.78E+00	0.00E+00	2.78E+00
Co-58	<3.49E+00	0.00E+00	3.49E+00
Fe-59	<6.82E+00	0.00E+00	6.82E+00
Co-60	<1.57E+00	0.00E+00	1.57E+00
Zn-65	<6.58E+00	0.00E+00	6.58E+00
Zr-95	<6.78E+00	0.00E+00	6.78E+00
Nb-95	<3.97E+00	0.00E+00	3.97E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<3.66E+00	0.00E+00	3.66E+00
Cs-137	<3.62E+00	0.00E+00	3.62E+00
BaLa-140	<6.84E+00	0.00E+00	6.84E+00
Be-7	<3.03E+01	0.00E+00	3.03E+01
K-40	6.00E+01	3.17E+01	4.16E+01

Sample ID: 613522 Sample Dates: 4/15/2024 - 7/8/2024

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<1.26E+02	0.00E+00	1.93E+02

Sample ID: 615145 Sample Dates: 6/10/2024 - 7/8/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.04E+00	0.00E+00	4.04E+00
Co-58	<3.85E+00	0.00E+00	3.85E+00
Fe-59	<8.83E+00	0.00E+00	8.83E+00
Co-60	<3.61E+00	0.00E+00	3.61E+00
Zn-65	<8.71E+00	0.00E+00	8.71E+00
Zr-95	<7.04E+00	0.00E+00	7.04E+00
Nb-95	<4.60E+00	0.00E+00	4.60E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.27E+00	0.00E+00	4.27E+00
Cs-137	<3.46E+00	0.00E+00	3.46E+00
BaLa-140	<7.77E+00	0.00E+00	7.77E+00
Be-7	<2.96E+01	0.00E+00	2.96E+01
K-40	9.24E+01	4.16E+01	5.38E+01

Sample ID: 617089 Sample Dates: 7/8/2024 - 8/5/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.03E+00	0.00E+00	3.03E+00
Co-58	<4.05E+00	0.00E+00	4.05E+00
Fe-59	<8.15E+00	0.00E+00	8.15E+00
Co-60	<3.75E+00	0.00E+00	3.75E+00
Zn-65	<6.31E+00	0.00E+00	6.31E+00
Zr-95	<6.63E+00	0.00E+00	6.63E+00
Nb-95	<4.37E+00	0.00E+00	4.37E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<4.00E+00	0.00E+00	4.00E+00
Cs-137	<3.13E+00	0.00E+00	3.13E+00
BaLa-140	<5.93E+00	0.00E+00	5.93E+00
Be-7	<2.85E+01	0.00E+00	2.85E+01
K-40	6.84E+01	3.53E+01	4.73E+01

Sample ID: 618478 Sample Dates: 8/5/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.16E+00	0.00E+00	4.16E+00
Co-58	<3.58E+00	0.00E+00	3.58E+00
Fe-59	<8.55E+00	0.00E+00	8.55E+00
Co-60	<2.84E+00	0.00E+00	2.84E+00
Zn-65	<5.71E+00	0.00E+00	5.71E+00
Zr-95	<4.91E+00	0.00E+00	4.91E+00
Nb-95	<3.72E+00	0.00E+00	3.72E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.26E+00	0.00E+00	3.26E+00

HARRIS Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 40 [INDICATOR - SSE @ 17.2 miles]

Sample ID: 618478 Sample Dates: 8/5/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<3.34E+00	0.00E+00	3.34E+00
BaLa-140	<1.02E+01	0.00E+00	1.02E+01
Be-7	<3.14E+01	0.00E+00	3.14E+01
K-40	5.51E+01	2.83E+01	3.33E+01

Sample ID: 618389 Sample Dates: 7/8/2024 - 9/30/2024

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<2.43E+01	0.00E+00	1.94E+02

Sample ID: 620430 Sample Dates: 9/3/2024 - 9/30/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.81E+00	0.00E+00	3.81E+00
Co-58	<4.69E+00	0.00E+00	4.69E+00
Fe-59	<6.21E+00	0.00E+00	6.21E+00
Co-60	<3.67E+00	0.00E+00	3.67E+00
Zn-65	<8.84E+00	0.00E+00	8.84E+00
Zr-95	<6.53E+00	0.00E+00	6.53E+00
Nb-95	<6.33E+00	0.00E+00	6.33E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<5.66E+00	0.00E+00	5.66E+00
Cs-137	<4.46E+00	0.00E+00	4.46E+00
BaLa-140	<1.12E+01	0.00E+00	1.12E+01
Be-7	<4.08E+01	0.00E+00	4.08E+01
K-40	1.00E+02	4.63E+01	5.36E+01

Sample ID: 622029 Sample Dates: 9/30/2024 - 10/28/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.03E+00	0.00E+00	4.03E+00
Co-58	<4.49E+00	0.00E+00	4.49E+00
Fe-59	<8.27E+00	0.00E+00	8.27E+00
Co-60	<4.42E+00	0.00E+00	4.42E+00
Zn-65	<9.48E+00	0.00E+00	9.48E+00
Zr-95	<7.65E+00	0.00E+00	7.65E+00
Nb-95	<4.19E+00	0.00E+00	4.19E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.70E+00	0.00E+00	3.70E+00
Cs-137	<3.90E+00	0.00E+00	3.90E+00
BaLa-140	<1.17E+01	0.00E+00	1.17E+01
Be-7	<3.90E+01	0.00E+00	3.90E+01
K-40	9.29E+01	4.19E+01	4.90E+01

Sample ID: 623266 Sample Dates: 10/28/2024 - 11/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.57E+00	0.00E+00	1.57E+00
Co-58	<1.53E+00	0.00E+00	1.53E+00
Fe-59	<3.72E+00	0.00E+00	3.72E+00
Co-60	<1.50E+00	0.00E+00	1.50E+00
Zn-65	<2.75E+00	0.00E+00	2.75E+00
Zr-95	<2.57E+00	0.00E+00	2.57E+00
Nb-95	<1.91E+00	0.00E+00	1.91E+00
I-131	<1.15E+01	0.00E+00	1.15E+01
Cs-134	<1.51E+00	0.00E+00	1.51E+00
Cs-137	<1.53E+00	0.00E+00	1.53E+00
BaLa-140	<4.11E+00	0.00E+00	4.11E+00
Be-7	<1.51E+01	0.00E+00	1.51E+01
K-40	7.05E+01	1.84E+01	2.21E+01

Sample ID: 624020 Sample Dates: 9/30/2024 - 12/23/2024

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<-2.9E+01	0.00E+00	1.96E+02

Sample ID: 625055 Sample Dates: 11/25/2024 - 12/23/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.80E+00	0.00E+00	1.80E+00
Co-58	<1.98E+00	0.00E+00	1.98E+00
Fe-59	<5.38E+00	0.00E+00	5.38E+00
Co-60	<2.02E+00	0.00E+00	2.02E+00
Zn-65	<4.88E+00	0.00E+00	4.88E+00
Zr-95	<4.34E+00	0.00E+00	4.34E+00
Nb-95	<2.78E+00	0.00E+00	2.78E+00
I-131	<1.22E+01	0.00E+00	1.22E+01
Cs-134	<2.23E+00	0.00E+00	2.23E+00
Cs-137	<1.43E+00	0.00E+00	1.43E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 40 [INDICATOR - SSE @ 17.2 miles]

Sample ID:	625055	Sample Dates: 11/25/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			BaLa-140	<6.97E+00	0.00E+00	6.97E+00
			Be-7	<1.86E+01	0.00E+00	1.86E+01
			K-40	8.97E+01	2.51E+01	2.92E+01

Sample Point 43 [CONTROL - SW @ 8.5 miles]

Sample ID:	604255	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<3.46E+00	0.00E+00	3.46E+00
			Co-58	<4.03E+00	0.00E+00	4.03E+00
			Fe-59	<9.57E+00	0.00E+00	9.57E+00
			Co-60	<4.06E+00	0.00E+00	4.06E+00
			Zn-65	<8.54E+00	0.00E+00	8.54E+00
			Zr-95	<8.48E+00	0.00E+00	8.48E+00
			Nb-95	<6.03E+00	0.00E+00	6.03E+00
			I-131	<1.29E+01	0.00E+00	1.29E+01
			Cs-134	<4.98E+00	0.00E+00	4.98E+00
			Cs-137	<3.72E+00	0.00E+00	3.72E+00
			BaLa-140	<9.85E+00	0.00E+00	9.85E+00
			Be-7	<3.58E+01	0.00E+00	3.58E+01
			K-40	8.60E+01	3.32E+01	8.32E+00
Sample ID:	**606302**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.90E+00	0.00E+00	2.90E+00
			Co-58	<4.33E+00	0.00E+00	4.33E+00
			Fe-59	<7.20E+00	0.00E+00	7.20E+00
			Co-60	<3.36E+00	0.00E+00	3.36E+00
			Zn-65	<8.25E+00	0.00E+00	8.25E+00
			Zr-95	<8.59E+00	0.00E+00	8.59E+00
			Nb-95	<5.18E+00	0.00E+00	5.18E+00
			I-131	<1.30E+01	0.00E+00	1.30E+01
			Cs-134	<4.44E+00	0.00E+00	4.44E+00
			Cs-137	<4.22E+00	0.00E+00	4.22E+00
			BaLa-140	<1.16E+01	0.00E+00	1.16E+01
			Be-7	<3.25E+01	0.00E+00	3.25E+01
			K-40	8.84E+01	3.79E+01	4.34E+01
Sample ID:	**609367**	**Sample Dates: 2/19/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.77E+00	0.00E+00	2.77E+00
			Co-58	<2.68E+00	0.00E+00	2.68E+00
			Fe-59	<6.18E+00	0.00E+00	6.18E+00
			Co-60	<2.66E+00	0.00E+00	2.66E+00
			Zn-65	<5.51E+00	0.00E+00	5.51E+00
			Zr-95	<5.97E+00	0.00E+00	5.97E+00
			Nb-95	<3.21E+00	0.00E+00	3.21E+00
			I-131	<1.12E+01	0.00E+00	1.12E+01
			Cs-134	<3.07E+00	0.00E+00	3.07E+00
			Cs-137	<2.75E+00	0.00E+00	2.75E+00
			BaLa-140	<5.89E+00	0.00E+00	5.89E+00
			Be-7	<3.04E+01	0.00E+00	3.04E+01
			K-40	9.96E+01	3.17E+01	3.45E+01
Sample ID:	**607629**	**Sample Dates: 12/27/2023 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	<4.51E+01	0.00E+00	1.89E+02
Sample ID:	**611065**	**Sample Dates: 3/18/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.07E+00	0.00E+00	3.07E+00
			Co-58	<2.70E+00	0.00E+00	2.70E+00
			Fe-59	<5.77E+00	0.00E+00	5.77E+00
			Co-60	<3.07E+00	0.00E+00	3.07E+00
			Zn-65	<7.33E+00	0.00E+00	7.33E+00
			Zr-95	<5.68E+00	0.00E+00	5.68E+00
			Nb-95	<3.33E+00	0.00E+00	3.33E+00
			I-131	<1.20E+01	0.00E+00	1.20E+01
			Cs-134	<3.19E+00	0.00E+00	3.19E+00
			Cs-137	<2.90E+00	0.00E+00	2.90E+00
			BaLa-140	<6.86E+00	0.00E+00	6.86E+00
			Be-7	<2.98E+01	0.00E+00	2.98E+01

Sample ID:	611065	Sample Dates: 3/18/2024 - 4/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	1.02E+02	3.96E+01	4.85E+01
Sample ID:	**612331**	**Sample Dates: 4/15/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.53E+00	0.00E+00	3.53E+00
			Co-58	<6.10E-01	0.00E+00	6.10E-01
			Fe-59	<8.51E+00	0.00E+00	8.51E+00
			Co-60	<2.92E+00	0.00E+00	2.92E+00
			Zn-65	<9.40E+00	0.00E+00	9.40E+00
			Zr-95	<6.00E+00	0.00E+00	6.00E+00
			Nb-95	<6.34E+00	0.00E+00	6.34E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<4.66E+00	0.00E+00	4.66E+00
			Cs-137	<3.70E+00	0.00E+00	3.70E+00
			BaLa-140	<8.12E+00	0.00E+00	8.12E+00
			Be-7	<3.84E+01	0.00E+00	3.84E+01
			K-40	7.60E+01	3.40E+01	3.58E+01
Sample ID:	**614125**	**Sample Dates: 5/13/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.29E+00	0.00E+00	2.29E+00
			Co-58	<2.35E+00	0.00E+00	2.35E+00
			Fe-59	<6.15E+00	0.00E+00	6.15E+00
			Co-60	<2.61E+00	0.00E+00	2.61E+00
			Zn-65	<5.95E+00	0.00E+00	5.95E+00
			Zr-95	<5.25E+00	0.00E+00	5.25E+00
			Nb-95	<3.22E+00	0.00E+00	3.22E+00
			I-131	<1.18E+01	0.00E+00	1.18E+01
			Cs-134	<2.98E+00	0.00E+00	2.98E+00
			Cs-137	<2.45E+00	0.00E+00	2.45E+00
			BaLa-140	<7.07E+00	0.00E+00	7.07E+00
			Be-7	<2.57E+01	0.00E+00	2.57E+01
			K-40	6.34E+01	2.68E+01	3.38E+01
Sample ID:	**613523**	**Sample Dates: 4/15/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	<4.28E+01	0.00E+00	1.92E+02
Sample ID:	**615146**	**Sample Dates: 6/10/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.43E+00	0.00E+00	3.43E+00
			Co-58	<3.82E+00	0.00E+00	3.82E+00
			Fe-59	<8.37E+00	0.00E+00	8.37E+00
			Co-60	<2.74E+00	0.00E+00	2.74E+00
			Zn-65	<6.12E+00	0.00E+00	6.12E+00
			Zr-95	<6.23E+00	0.00E+00	6.23E+00
			Nb-95	<4.62E+00	0.00E+00	4.62E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<3.65E+00	0.00E+00	3.65E+00
			Cs-137	<2.42E+00	0.00E+00	2.42E+00
			BaLa-140	<5.27E+00	0.00E+00	5.27E+00
			Be-7	<2.65E+01	0.00E+00	2.65E+01
			K-40	4.01E+01	4.25E+01	6.82E+01
Sample ID:	**617090**	**Sample Dates: 7/8/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.88E+00	0.00E+00	2.88E+00
			Co-58	<2.66E+00	0.00E+00	2.66E+00
			Fe-59	<5.40E+00	0.00E+00	5.40E+00
			Co-60	<2.12E+00	0.00E+00	2.12E+00
			Zn-65	<5.68E+00	0.00E+00	5.68E+00
			Zr-95	<4.72E+00	0.00E+00	4.72E+00
			Nb-95	<3.08E+00	0.00E+00	3.08E+00
			I-131	<1.23E+01	0.00E+00	1.23E+01
			Cs-134	<2.85E+00	0.00E+00	2.85E+00
			Cs-137	<2.84E+00	0.00E+00	2.84E+00
			BaLa-140	<6.86E+00	0.00E+00	6.86E+00
			Be-7	<2.22E+01	0.00E+00	2.22E+01
			K-40	1.13E+02	3.32E+01	3.75E+01
Sample ID:	**618479**	**Sample Dates: 8/5/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.12E+00	0.00E+00	3.12E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 43 [CONTROL - SW @ 8.5 miles]

Sample ID:	618479	Sample Dates: 8/5/2024 - 9/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			Co-58	<3.33E+00	0.00E+00	3.33E+00
			Fe-59	<7.57E+00	0.00E+00	7.57E+00
			Co-60	<2.88E+00	0.00E+00	2.88E+00
			Zn-65	<5.78E+00	0.00E+00	5.78E+00
			Zr-95	<6.92E+00	0.00E+00	6.92E+00
			Nb-95	<5.08E+00	0.00E+00	5.08E+00
			I-131	<1.30E+01	0.00E+00	1.30E+01
			Cs-134	<2.98E+00	0.00E+00	2.98E+00
			Cs-137	<3.16E+00	0.00E+00	3.16E+00
			BaLa-140	<7.41E+00	0.00E+00	7.41E+00
			Be-7	<3.36E+01	0.00E+00	3.36E+01
			K-40	8.56E+01	3.54E+01	3.93E+01
Sample ID:	**618390**	**Sample Dates: 7/8/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	<-1.4E+01	0.00E+00	1.95E+02
Sample ID:	**620431**	**Sample Dates: 9/3/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.22E+00	0.00E+00	3.22E+00
			Co-58	<4.08E+00	0.00E+00	4.08E+00
			Fe-59	<7.73E+00	0.00E+00	7.73E+00
			Co-60	<3.54E+00	0.00E+00	3.54E+00
			Zn-65	<1.01E+01	0.00E+00	1.01E+01
			Zr-95	<6.32E+00	0.00E+00	6.32E+00
			Nb-95	<4.56E+00	0.00E+00	4.56E+00
			I-131	<1.35E+01	0.00E+00	1.35E+01
			Cs-134	<4.32E+00	0.00E+00	4.32E+00
			Cs-137	<3.13E+00	0.00E+00	3.13E+00
			BaLa-140	<1.07E+01	0.00E+00	1.07E+01
			Be-7	<5.02E+01	0.00E+00	5.02E+01
			K-40	7.94E+01	4.41E+01	5.73E+01
Sample ID:	**622030**	**Sample Dates: 9/30/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.03E+00	0.00E+00	3.03E+00
			Co-58	<3.67E+00	0.00E+00	3.67E+00
			Fe-59	<8.75E+00	0.00E+00	8.75E+00
			Co-60	<3.86E+00	0.00E+00	3.86E+00
			Zn-65	<8.14E+00	0.00E+00	8.14E+00
			Zr-95	<8.99E+00	0.00E+00	8.99E+00
			Nb-95	<3.62E+00	0.00E+00	3.62E+00
			I-131	<1.22E+01	0.00E+00	1.22E+01
			Cs-134	<3.80E+00	0.00E+00	3.80E+00
			Cs-137	<3.32E+00	0.00E+00	3.32E+00
			BaLa-140	<7.35E+00	0.00E+00	7.35E+00
			Be-7	<2.89E+01	0.00E+00	2.89E+01
			K-40	7.33E+01	3.77E+01	4.94E+01
Sample ID:	**623267**	**Sample Dates: 10/28/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<1.66E+00	0.00E+00	1.66E+00
			Co-58	<1.98E+00	0.00E+00	1.98E+00
			Fe-59	<3.91E+00	0.00E+00	3.91E+00
			Co-60	<1.63E+00	0.00E+00	1.63E+00
			Zn-65	<2.86E+00	0.00E+00	2.86E+00
			Zr-95	<3.17E+00	0.00E+00	3.17E+00
			Nb-95	<2.64E+00	0.00E+00	2.64E+00
			I-131	<1.13E+01	0.00E+00	1.13E+01
			Cs-134	<2.16E+00	0.00E+00	2.16E+00
			Cs-137	<1.97E+00	0.00E+00	1.97E+00
			BaLa-140	<6.20E+00	0.00E+00	6.20E+00
			Be-7	<2.11E+01	0.00E+00	2.11E+01
			K-40	8.09E+01	2.39E+01	3.09E+01
Sample ID:	**624021**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	<3.13E+01	0.00E+00	1.96E+02
Sample ID:	**625056**	**Sample Dates: 11/25/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.03E+00	0.00E+00	2.03E+00
			Co-58	<2.50E+00	0.00E+00	2.50E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 43 [CONTROL - SW @ 8.5 miles]

Sample ID: 625056 **Sample Dates: 11/25/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Fe-59	<5.12E+00	0.00E+00	5.12E+00
Co-60	<1.57E+00	0.00E+00	1.57E+00
Zn-65	<4.55E+00	0.00E+00	4.55E+00
Zr-95	<3.97E+00	0.00E+00	3.97E+00
Nb-95	<3.47E+00	0.00E+00	3.47E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<2.20E+00	0.00E+00	2.20E+00
Cs-137	<2.35E+00	0.00E+00	2.35E+00
BaLa-140	<8.39E+00	0.00E+00	8.39E+00
Be-7	<2.87E+01	0.00E+00	2.87E+01
K-40	7.65E+01	2.39E+01	2.79E+01

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 1 [INDICATOR - N @ 2.6 miles] **TLD RING TLD_INNER**

Sample ID	Sample Dates	Nuclide	Activity
608618	1/9/2024 - 4/9/2024	mR/Std Qtr	17.46
613796	4/9/2024 - 7/16/2024	mR/Std Qtr	15.15
618975	7/16/2024 - 10/15/2024	mR/Std Qtr	14.95
624297	10/15/2024 - 1/14/2025	mR/Std Qtr	16.5

Sample Point 2 [INDICATOR - NNE @ 1.4 miles] **TLD RING TLD_INNER**

Sample ID	Sample Dates	Nuclide	Activity
608626	1/9/2024 - 4/9/2024	mR/Std Qtr	17.54
613804	4/9/2024 - 7/16/2024	mR/Std Qtr	13.87
618983	7/16/2024 - 10/15/2024	mR/Std Qtr	13.15
624305	10/15/2024 - 1/14/2025	mR/Std Qtr	14.48

Sample Point 3 [INDICATOR - ENE @ 1.9 miles] **TLD RING TLD_SPEC**

Sample ID	Sample Dates	Nuclide	Activity
608637	1/9/2024 - 4/9/2024	mR/Std Qtr	14.46
613815	4/9/2024 - 7/16/2024	mR/Std Qtr	12.51
618994	7/16/2024 - 10/15/2024	mR/Std Qtr	12.35
624316	10/15/2024 - 1/14/2025	mR/Std Qtr	13.25

Sample Point 4 [INDICATOR - NNE @ 3.1 miles] **TLD RING TLD_SPEC**

Sample ID	Sample Dates	Nuclide	Activity
608641	1/9/2024 - 4/9/2024	mR/Std Qtr	16.59
613819	4/9/2024 - 7/16/2024	mR/Std Qtr	12.69
618998	7/16/2024 - 10/15/2024	mR/Std Qtr	12.9
624320	10/15/2024 - 1/14/2025	mR/Std Qtr	14.81

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 5 [CONTROL - WNW @ 13.3 miles] — **TLD RING TLD_CTRL**

Sample ID:	Sample Dates:	Nuclide	Activity
608644	1/9/2024 - 4/9/2024	mR/Std Qtr	18.33
613822	4/9/2024 - 7/16/2024	mR/Std Qtr	15.99
619001	7/16/2024 - 10/15/2024	mR/Std Qtr	15.11
624323	10/15/2024 - 1/14/2025	mR/Std Qtr	18.56

Sample Point 6 [INDICATOR - ENE @ 0.8 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608647	1/9/2024 - 4/9/2024	mR/Std Qtr	17.03
613825	4/9/2024 - 7/16/2024	mR/Std Qtr	13.30
619004	7/16/2024 - 10/15/2024	mR/Std Qtr	13.4
624326	10/15/2024 - 1/14/2025	mR/Std Qtr	16.44

Sample Point 7 [INDICATOR - E @ 0.7 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608649	1/9/2024 - 4/9/2024	mR/Std Qtr	17.50
613827	4/9/2024 - 7/16/2024	mR/Std Qtr	13.67
619006	7/16/2024 - 10/15/2024	mR/Std Qtr	13.77
624328	10/15/2024 - 1/14/2025	mR/Std Qtr	15.9

Sample Point 8 [INDICATOR - ESE @ 0.6 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608654	1/9/2024 - 4/9/2024	mR/Std Qtr	16.37
613832	4/9/2024 - 7/16/2024	mR/Std Qtr	13.34
619011	7/16/2024 - 10/15/2024	mR/Std Qtr	12.66
624333	10/15/2024 - 1/14/2025	mR/Std Qtr	16.01

Sample Point 9 [INDICATOR - SE @ 2.2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608655	1/9/2024 - 4/9/2024	mR/Std Qtr	14.42
613833	4/9/2024 - 7/16/2024	mR/Std Qtr	11.39
619012	7/16/2024 - 10/15/2024	mR/Std Qtr	11.38
624334	10/15/2024 - 1/14/2025	mR/Std Qtr	13.08

Sample Point 10 [INDICATOR - SSE @ 2.2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608619	1/9/2024 - 4/9/2024	mR/Std Qtr	14.20

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 10 [INDICATOR - SSE @ 2.2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
613797	4/9/2024 - 7/16/2024	mR/Std Qtr	12.19
618976	7/16/2024 - 10/15/2024	mR/Std Qtr	11.85
624298	10/15/2024 - 1/14/2025	mR/Std Qtr	13.71

Sample Point 11 [INDICATOR - S @ 0.6 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608620	1/9/2024 - 4/9/2024	mR/Std Qtr	14.93
613798	4/9/2024 - 7/16/2024	mR/Std Qtr	12.91
618977	7/16/2024 - 10/15/2024	mR/Std Qtr	12.06
624299	10/15/2024 - 1/14/2025	mR/Std Qtr	13.49

Sample Point 12 [INDICATOR - SSW @ 0.9 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608621	1/9/2024 - 4/9/2024	mR/Std Qtr	14.59
613799	4/9/2024 - 7/16/2024	mR/Std Qtr	11.45
618978	7/16/2024 - 10/15/2024	mR/Std Qtr	11.16
624300	10/15/2024 - 1/14/2025	mR/Std Qtr	14.27

Sample Point 13 [INDICATOR - WSW @ 0.7 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608622	1/9/2024 - 4/9/2024	mR/Std Qtr	15.39
613800	4/9/2024 - 7/16/2024	mR/Std Qtr	12.69
618979	7/16/2024 - 10/15/2024	mR/Std Qtr	12.25
624301	10/15/2024 - 1/14/2025	mR/Std Qtr	12.35

Sample Point 14 [INDICATOR - W @ 1.5 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608623	1/9/2024 - 4/9/2024	mR/Std Qtr	17.22
613801	4/9/2024 - 7/16/2024	mR/Std Qtr	14.60
618980	7/16/2024 - 10/15/2024	mR/Std Qtr	14.25
624302	10/15/2024 - 1/14/2025	mR/Std Qtr	16.74

Sample Point 15 [INDICATOR - W @ 2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608624	1/9/2024 - 4/9/2024	mR/Std Qtr	13.82
613802	4/9/2024 - 7/16/2024	mR/Std Qtr	11.12

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 15 [INDICATOR - W @ 2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
618981	7/16/2024 - 10/15/2024	mR/Std Qtr	11.78
624303	10/15/2024 - 1/14/2025	mR/Std Qtr	12.86

Sample Point 19 [INDICATOR - NNE @ 4.95 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608625	1/9/2024 - 4/9/2024	mR/Std Qtr	17.03
613803	4/9/2024 - 7/16/2024	mR/Std Qtr	14.42
618982	7/16/2024 - 10/15/2024	mR/Std Qtr	14.83
624304	10/15/2024 - 1/14/2025	mR/Std Qtr	15.99

Sample Point 20 [INDICATOR - NE @ 4.5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608627	1/9/2024 - 4/9/2024	mR/Std Qtr	18.94
613805	4/9/2024 - 7/16/2024	mR/Std Qtr	15.58
618984	7/16/2024 - 10/15/2024	mR/Std Qtr	15.33
624306	10/15/2024 - 1/14/2025	mR/Std Qtr	16.42

Sample Point 21 [INDICATOR - ENE @ 4.8 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608628	1/9/2024 - 4/9/2024	mR/Std Qtr	15.79
613806	4/9/2024 - 7/16/2024	mR/Std Qtr	13.42
618985	7/16/2024 - 10/15/2024	mR/Std Qtr	13.07
624307	10/15/2024 - 1/14/2025	mR/Std Qtr	14.46

Sample Point 22 [INDICATOR - E @ 4.3 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608629	1/9/2024 - 4/9/2024	mR/Std Qtr	14.44
613807	4/9/2024 - 7/16/2024	mR/Std Qtr	11.38
618986	7/16/2024 - 10/15/2024	mR/Std Qtr	12.23
624308	10/15/2024 - 1/14/2025	mR/Std Qtr	11.98

Sample Point 23 [INDICATOR - ESE @ 4.8 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608630	1/9/2024 - 4/9/2024	mR/Std Qtr	17.37
613808	4/9/2024 - 7/16/2024	mR/Std Qtr	14.53
618987	7/16/2024 - 10/15/2024	mR/Std Qtr	14.19

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 23 [INDICATOR - ESE @ 4.8 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
624309	10/15/2024 - 1/14/2025	mR/Std Qtr	16.07

Sample Point 24 [INDICATOR - SE @ 4 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608631	1/9/2024 - 4/9/2024	mR/Std Qtr	15.83
613809	4/9/2024 - 7/16/2024	mR/Std Qtr	12.56
618988	7/16/2024 - 10/15/2024	mR/Std Qtr	13.05
624310	10/15/2024 - 1/14/2025	mR/Std Qtr	12.28

Sample Point 25 [INDICATOR - SSE @ 4.7 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608632	1/9/2024 - 4/9/2024	mR/Std Qtr	17.23
613810	4/9/2024 - 7/16/2024	mR/Std Qtr	11.59
618989	7/16/2024 - 10/15/2024	mR/Std Qtr	13.24
624311	10/15/2024 - 1/14/2025	mR/Std Qtr	15.54

Sample Point 26 [INDICATOR - S @ 4.7 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608633	1/9/2024 - 4/9/2024	mR/Std Qtr	13.69
613811	4/9/2024 - 7/16/2024	mR/Std Qtr	11.71
618990	7/16/2024 - 10/15/2024	mR/Std Qtr	11.46
624312	10/15/2024 - 1/14/2025	mR/Std Qtr	12.43

Sample Point 27 [INDICATOR - SSW @ 4.8 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608634	1/9/2024 - 4/9/2024	mR/Std Qtr	13.37
613812	4/9/2024 - 7/16/2024	mR/Std Qtr	10.99
618991	7/16/2024 - 10/15/2024	mR/Std Qtr	10.32
624313	10/15/2024 - 1/14/2025	mR/Std Qtr	11.94

Sample Point 28 [INDICATOR - SW @ 4.8 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608635	1/9/2024 - 4/9/2024	mR/Std Qtr	13.64
613813	4/9/2024 - 7/16/2024	mR/Std Qtr	10.63
618992	7/16/2024 - 10/15/2024	mR/Std Qtr	11.17
624314	10/15/2024 - 1/14/2025	mR/Std Qtr	11.97

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 29 [INDICATOR - WSW @ 5.7 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608636	1/9/2024 - 4/9/2024	mR/Std Qtr	19.23
613814	4/9/2024 - 7/16/2024	mR/Std Qtr	14.98
618993	7/16/2024 - 10/15/2024	mR/Std Qtr	16.47
624315	10/15/2024 - 1/14/2025	mR/Std Qtr	17.04

Sample Point 31 [INDICATOR - WNW @ 4.7 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608638	1/9/2024 - 4/9/2024	mR/Std Qtr	12.13
613816	4/9/2024 - 7/16/2024	mR/Std Qtr	10.65
618995	7/16/2024 - 10/15/2024	mR/Std Qtr	11.47
624317	10/15/2024 - 1/14/2025	mR/Std Qtr	11.52

Sample Point 32 [INDICATOR - NNW @ 6.4 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608639	1/9/2024 - 4/9/2024	mR/Std Qtr	15.34
613817	4/9/2024 - 7/16/2024	mR/Std Qtr	13.78
618996	7/16/2024 - 10/15/2024	mR/Std Qtr	12.93
624318	10/15/2024 - 1/14/2025	mR/Std Qtr	16.43

Sample Point 33 [INDICATOR - NNW @ 4.5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608640	1/9/2024 - 4/9/2024	mR/Std Qtr	14.19
613818	4/9/2024 - 7/16/2024	mR/Std Qtr	11.00
618997	7/16/2024 - 10/15/2024	mR/Std Qtr	11.57
624319	10/15/2024 - 1/14/2025	mR/Std Qtr	12.86

Sample Point 48 [INDICATOR - N @ 4.5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608642	1/9/2024 - 4/9/2024	mR/Std Qtr	16.67
613820	4/9/2024 - 7/16/2024	mR/Std Qtr	15.16
618999	7/16/2024 - 10/15/2024	mR/Std Qtr	14.14
624321	10/15/2024 - 1/14/2025	mR/Std Qtr	16.55

Sample Point 49 [INDICATOR - NE @ 2.5 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608643	1/9/2024 - 4/9/2024	mR/Std Qtr	20.60

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 49 [INDICATOR - NE @ 2.5 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
613821	4/9/2024 - 7/16/2024	mR/Std Qtr	16.41
619000	7/16/2024 - 10/15/2024	mR/Std Qtr	16.26
624322	10/15/2024 - 1/14/2025	mR/Std Qtr	20.94

Sample Point 50 [INDICATOR - ESE @ 2.6 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608645	1/9/2024 - 4/9/2024	mR/Std Qtr	12.98
613823	4/9/2024 - 7/16/2024	mR/Std Qtr	11.89
619002	7/16/2024 - 10/15/2024	mR/Std Qtr	11.25
624324	10/15/2024 - 1/14/2025	mR/Std Qtr	14.05

Sample Point 56 [INDICATOR - WSW @ 3 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608646	1/9/2024 - 4/9/2024	mR/Std Qtr	15.56
613824	4/9/2024 - 7/16/2024	mR/Std Qtr	12.08
619003	7/16/2024 - 10/15/2024	mR/Std Qtr	12.11
624325	10/15/2024 - 1/14/2025	mR/Std Qtr	14.43

Sample Point 63 [INDICATOR - SW @ 0.6 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608648	1/9/2024 - 4/9/2024	mR/Std Qtr	18.00
613826	4/9/2024 - 7/16/2024	mR/Std Qtr	15.29
619005	7/16/2024 - 10/15/2024	mR/Std Qtr	14.85
624327	10/15/2024 - 1/14/2025	mR/Std Qtr	18.29

Sample Point 93 [INDICATOR - WNW @ 2.2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608656	1/9/2024 - 4/9/2024	mR/Std Qtr	17.67
613834	4/9/2024 - 7/16/2024	mR/Std Qtr	15.00
619013	7/16/2024 - 10/15/2024	mR/Std Qtr	14.52
624335	10/15/2024 - 1/14/2025	mR/Std Qtr	17.22

Sample Point 94 [INDICATOR - NW @ 2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608657	1/9/2024 - 4/9/2024	mR/Std Qtr	16.11
613835	4/9/2024 - 7/16/2024	mR/Std Qtr	15.51

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 94 [INDICATOR - NW @ 2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
619014	7/16/2024 - 10/15/2024	mR/Std Qtr	15.02
624336	10/15/2024 - 1/14/2025	mR/Std Qtr	16.76

Sample Point 95 [INDICATOR - NNW @ 2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608658	1/9/2024 - 4/9/2024	mR/Std Qtr	15.53
613836	4/9/2024 - 7/16/2024	mR/Std Qtr	13.76
619015	7/16/2024 - 10/15/2024	mR/Std Qtr	13.45
624337	10/15/2024 - 1/14/2025	mR/Std Qtr	15.58

Sample Point 98 [INDICATOR - E @ 5.9 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608659	1/9/2024 - 4/9/2024	mR/Std Qtr	16.28
613837	4/9/2024 - 7/16/2024	mR/Std Qtr	13.41
619016	7/16/2024 - 10/15/2024	mR/Std Qtr	13.11
624338	10/15/2024 - 1/14/2025	mR/Std Qtr	15.48

Sample Point 99 [INDICATOR - NNE @ 5.5 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608660	1/9/2024 - 4/9/2024	mR/Std Qtr	16.26
613838	4/9/2024 - 7/16/2024	mR/Std Qtr	11.87
619017	7/16/2024 - 10/15/2024	mR/Std Qtr	12.16
624339	10/15/2024 - 1/14/2025	mR/Std Qtr	14.52

Sample Point 130 [INDICATOR - W @ 3.9 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608661	1/9/2024 - 4/9/2024	mR/Std Qtr	13.22
613839	4/9/2024 - 7/16/2024	mR/Std Qtr	12.13
619018	7/16/2024 - 10/15/2024	mR/Std Qtr	10.97
624340	10/15/2024 - 1/14/2025	mR/Std Qtr	13.24

Sample Point 153 [INDICATOR - NW @ 4.5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608662	1/9/2024 - 4/9/2024	mR/Std Qtr	14.49
613840	4/9/2024 - 7/16/2024	mR/Std Qtr	13.48
619019	7/16/2024 - 10/15/2024	mR/Std Qtr	12.85

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 153 [INDICATOR - NW @ 4.5 miles] **TLD RING TLD_OUTER**

Sample ID:	624341	Sample Dates: 10/15/2024 - 1/14/2025	Nuclide	Activity
			mR/Std Qtr	15.41

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 5 [CONTROL - WNW @ 13.3 miles]

Sample ID:	602970	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.86E+01	0.00E+00	1.86E+01
				Co-58	<2.37E+01	0.00E+00	2.37E+01
				Fe-59	<4.72E+01	0.00E+00	4.72E+01
				Co-60	<3.05E+01	0.00E+00	3.05E+01
				Zn-65	<5.31E+01	0.00E+00	5.31E+01
				Zr-95	<3.59E+01	0.00E+00	3.59E+01
				Nb-95	<2.61E+01	0.00E+00	2.61E+01
				I-131	<2.50E+01	0.00E+00	2.50E+01
				Cs-134	<2.23E+01	0.00E+00	2.23E+01
				Cs-137	<3.01E+01	0.00E+00	3.01E+01
				BaLa-140	<2.27E+01	0.00E+00	2.27E+01
				Be-7	9.60E+02	2.63E+02	3.08E+02
				K-40	2.38E+03	4.93E+02	2.88E+02
Sample ID:	**604825**	**Sample Dates: 2/5/2024 - 2/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.82E+01	0.00E+00	2.82E+01
				Co-58	<3.04E+01	0.00E+00	3.04E+01
				Fe-59	<4.57E+01	0.00E+00	4.57E+01
				Co-60	<3.70E+01	0.00E+00	3.70E+01
				Zn-65	<5.16E+01	0.00E+00	5.16E+01
				Zr-95	<4.60E+01	0.00E+00	4.60E+01
				Nb-95	<2.80E+01	0.00E+00	2.80E+01
				I-131	<2.98E+01	0.00E+00	2.98E+01
				Cs-134	<2.05E+01	0.00E+00	2.05E+01
				Cs-137	<2.61E+01	0.00E+00	2.61E+01
				BaLa-140	<3.34E+01	0.00E+00	3.34E+01
				Be-7	1.14E+03	3.07E+02	3.43E+02
				K-40	3.03E+03	6.52E+02	4.79E+02
Sample ID:	**607691**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.01E+01	0.00E+00	2.01E+01
				Co-58	<1.81E+01	0.00E+00	1.81E+01
				Fe-59	<3.43E+01	0.00E+00	3.43E+01
				Co-60	<2.01E+01	0.00E+00	2.01E+01
				Zn-65	<3.87E+01	0.00E+00	3.87E+01
				Zr-95	<3.06E+01	0.00E+00	3.06E+01
				Nb-95	<1.84E+01	0.00E+00	1.84E+01
				I-131	<1.83E+01	0.00E+00	1.83E+01
				Cs-134	<2.29E+01	0.00E+00	2.29E+01
				Cs-137	<1.81E+01	0.00E+00	1.81E+01
				BaLa-140	<1.31E+01	0.00E+00	1.31E+01
				Be-7	1.13E+03	2.18E+02	2.17E+02
				K-40	2.75E+03	4.61E+02	3.46E+02
Sample ID:	**609975**	**Sample Dates: 4/1/2024 - 4/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.43E+01	0.00E+00	2.43E+01
				Co-58	<2.63E+01	0.00E+00	2.63E+01
				Fe-59	<4.46E+01	0.00E+00	4.46E+01
				Co-60	<2.56E+01	0.00E+00	2.56E+01
				Zn-65	<4.15E+01	0.00E+00	4.15E+01
				Zr-95	<3.88E+01	0.00E+00	3.88E+01
				Nb-95	<2.24E+01	0.00E+00	2.24E+01
				I-131	<1.95E+01	0.00E+00	1.95E+01
				Cs-134	<3.30E+01	0.00E+00	3.30E+01
				Cs-137	<2.51E+01	0.00E+00	2.51E+01
				BaLa-140	<2.48E+01	0.00E+00	2.48E+01
				Be-7	1.68E+03	2.98E+02	2.18E+02
				K-40	2.56E+03	5.16E+02	3.61E+02
Sample ID:	**611795**	**Sample Dates: 5/6/2024 - 5/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.08E+01	0.00E+00	3.08E+01

Sample ID:	611795	Sample Dates: 5/6/2024 - 5/6/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Co-58	<2.18E+01	0.00E+00	2.18E+01
				Fe-59	<4.95E+01	0.00E+00	4.95E+01
				Co-60	<4.71E+01	0.00E+00	4.71E+01
				Zn-65	<5.58E+01	0.00E+00	5.58E+01
				Zr-95	<5.27E+01	0.00E+00	5.27E+01
				Nb-95	<2.75E+01	0.00E+00	2.75E+01
				I-131	<2.30E+01	0.00E+00	2.30E+01
				Cs-134	<3.24E+01	0.00E+00	3.24E+01
				Cs-137	<2.39E+01	0.00E+00	2.39E+01
				BaLa-140	<4.93E+01	0.00E+00	4.93E+01
				Be-7	3.29E+02	1.85E+02	2.46E+02
				K-40	2.47E+03	5.97E+02	3.17E+02
Sample ID:	**613579**	**Sample Dates: 6/3/2024 - 6/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.49E+01	0.00E+00	1.49E+01
				Co-58	<1.83E+01	0.00E+00	1.83E+01
				Fe-59	<3.99E+01	0.00E+00	3.99E+01
				Co-60	<2.23E+01	0.00E+00	2.23E+01
				Zn-65	<4.70E+01	0.00E+00	4.70E+01
				Zr-95	<2.26E+01	0.00E+00	2.26E+01
				Nb-95	<1.73E+01	0.00E+00	1.73E+01
				I-131	<1.80E+01	0.00E+00	1.80E+01
				Cs-134	<2.04E+01	0.00E+00	2.04E+01
				Cs-137	<1.92E+01	0.00E+00	1.92E+01
				BaLa-140	<2.18E+01	0.00E+00	2.18E+01
				Be-7	9.16E+02	1.96E+02	2.08E+02
				K-40	2.80E+03	4.46E+02	2.44E+02
Sample ID:	**614725**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.95E+01	0.00E+00	1.95E+01
				Co-58	<1.61E+01	0.00E+00	1.61E+01
				Fe-59	<3.80E+01	0.00E+00	3.80E+01
				Co-60	<2.13E+01	0.00E+00	2.13E+01
				Zn-65	<4.35E+01	0.00E+00	4.35E+01
				Zr-95	<4.08E+01	0.00E+00	4.08E+01
				Nb-95	<2.19E+01	0.00E+00	2.19E+01
				I-131	<3.38E+01	0.00E+00	3.38E+01
				Cs-134	<2.63E+01	0.00E+00	2.63E+01
				Cs-137	<1.64E+01	0.00E+00	1.64E+01
				BaLa-140	<3.15E+01	0.00E+00	3.15E+01
				Be-7	6.65E+02	1.87E+02	2.25E+02
				K-40	2.04E+03	3.90E+02	2.90E+02
Sample ID:	**617055**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.19E+01	0.00E+00	1.19E+01
				Co-58	<1.05E+01	0.00E+00	1.05E+01
				Fe-59	<2.66E+01	0.00E+00	2.66E+01
				Co-60	<1.14E+01	0.00E+00	1.14E+01
				Zn-65	<2.66E+01	0.00E+00	2.66E+01
				Zr-95	<1.46E+01	0.00E+00	1.46E+01
				Nb-95	<1.17E+01	0.00E+00	1.17E+01
				I-131	<1.54E+01	0.00E+00	1.54E+01
				Cs-134	<1.79E+01	0.00E+00	1.79E+01
				Cs-137	<1.30E+01	0.00E+00	1.30E+01
				BaLa-140	<1.22E+01	0.00E+00	1.22E+01
				Be-7	1.80E+03	2.43E+02	1.59E+02
				K-40	2.24E+03	3.43E+02	1.94E+02
Sample ID:	**618444**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.91E+01	0.00E+00	1.91E+01
				Co-58	<1.64E+01	0.00E+00	1.64E+01
				Fe-59	<4.11E+01	0.00E+00	4.11E+01
				Co-60	<2.29E+01	0.00E+00	2.29E+01
				Zn-65	<4.00E+01	0.00E+00	4.00E+01
				Zr-95	<3.21E+01	0.00E+00	3.21E+01
				Nb-95	<1.64E+01	0.00E+00	1.64E+01
				I-131	<2.28E+01	0.00E+00	2.28E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 5 [CONTROL - WNW @ 13.3 miles]

Sample ID:	618444	Sample Dates: 9/3/2024 - 9/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<1.70E+01	0.00E+00	1.70E+01
				Cs-137	<1.75E+01	0.00E+00	1.75E+01
				BaLa-140	<2.21E+01	0.00E+00	2.21E+01
				Be-7	2.06E+03	3.26E+02	2.76E+02
				K-40	3.40E+03	5.12E+02	2.09E+02
Sample ID:	**620688**	**Sample Dates: 10/7/2024 - 10/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.23E+01	0.00E+00	2.23E+01
				Co-58	<2.77E+01	0.00E+00	2.77E+01
				Fe-59	<5.26E+01	0.00E+00	5.26E+01
				Co-60	<2.12E+01	0.00E+00	2.12E+01
				Zn-65	<6.00E+01	0.00E+00	6.00E+01
				Zr-95	<5.33E+01	0.00E+00	5.33E+01
				Nb-95	<2.75E+01	0.00E+00	2.75E+01
				I-131	<2.95E+01	0.00E+00	2.95E+01
				Cs-134	<3.45E+01	0.00E+00	3.45E+01
				Cs-137	<2.93E+01	0.00E+00	2.93E+01
				BaLa-140	<3.95E+01	0.00E+00	3.95E+01
				Be-7	3.00E+03	4.34E+02	2.78E+02
				K-40	3.13E+03	5.48E+02	3.41E+02
Sample ID:	**622272**	**Sample Dates: 11/4/2024 - 11/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.18E+01	0.00E+00	2.18E+01
				Co-58	<1.27E+01	0.00E+00	1.27E+01
				Fe-59	<5.13E+01	0.00E+00	5.13E+01
				Co-60	<2.42E+01	0.00E+00	2.42E+01
				Zn-65	<4.86E+01	0.00E+00	4.86E+01
				Zr-95	<3.46E+01	0.00E+00	3.46E+01
				Nb-95	<1.93E+01	0.00E+00	1.93E+01
				I-131	<1.86E+01	0.00E+00	1.86E+01
				Cs-134	<2.04E+01	0.00E+00	2.04E+01
				Cs-137	<2.59E+01	0.00E+00	2.59E+01
				BaLa-140	<2.15E+01	0.00E+00	2.15E+01
				Be-7	1.59E+03	3.50E+02	4.37E+02
				K-40	3.95E+03	5.84E+02	3.72E+02
Sample ID:	**624074**	**Sample Dates: 12/2/2024 - 12/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.10E+01	0.00E+00	2.10E+01
				Co-58	<2.32E+01	0.00E+00	2.32E+01
				Fe-59	<3.59E+01	0.00E+00	3.59E+01
				Co-60	<1.89E+01	0.00E+00	1.89E+01
				Zn-65	<4.23E+01	0.00E+00	4.23E+01
				Zr-95	<3.63E+01	0.00E+00	3.63E+01
				Nb-95	<2.00E+01	0.00E+00	2.00E+01
				I-131	<2.06E+01	0.00E+00	2.06E+01
				Cs-134	<2.19E+01	0.00E+00	2.19E+01
				Cs-137	<2.13E+01	0.00E+00	2.13E+01
				BaLa-140	<2.29E+01	0.00E+00	2.29E+01
				Be-7	1.13E+03	1.91E+02	1.79E+02
				K-40	3.35E+03	5.31E+02	4.18E+02

Sample Point 12 [INDICATOR - SSW @ 0.9 miles]

Sample ID:	602969	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<3.38E+01	0.00E+00	3.38E+01
				Co-58	<3.35E+01	0.00E+00	3.35E+01
				Fe-59	<4.30E+01	0.00E+00	4.30E+01
				Co-60	<3.66E+01	0.00E+00	3.66E+01
				Zn-65	<6.04E+01	0.00E+00	6.04E+01
				Zr-95	<4.94E+01	0.00E+00	4.94E+01
				Nb-95	<3.23E+01	0.00E+00	3.23E+01
				I-131	<2.89E+01	0.00E+00	2.89E+01
				Cs-134	<3.23E+01	0.00E+00	3.23E+01
				Cs-137	<2.68E+01	0.00E+00	2.68E+01
				BaLa-140	<4.18E+01	0.00E+00	4.18E+01
				Be-7	4.35E+03	5.93E+02	3.12E+02

Sample ID:	602969	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				K-40	2.14E+03	5.12E+02	3.66E+02
Sample ID:	**604824**	**Sample Dates: 2/5/2024 - 2/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.82E+01	0.00E+00	2.82E+01
				Co-58	<2.26E+01	0.00E+00	2.26E+01
				Fe-59	<5.46E+01	0.00E+00	5.46E+01
				Co-60	<2.83E+01	0.00E+00	2.83E+01
				Zn-65	<6.50E+01	0.00E+00	6.50E+01
				Zr-95	<5.40E+01	0.00E+00	5.40E+01
				Nb-95	<2.80E+01	0.00E+00	2.80E+01
				I-131	<2.53E+01	0.00E+00	2.53E+01
				Cs-134	<3.03E+01	0.00E+00	3.03E+01
				Cs-137	<1.69E+01	0.00E+00	1.69E+01
				BaLa-140	<2.77E+01	0.00E+00	2.77E+01
				Be-7	7.03E+03	8.40E+02	3.25E+02
				K-40	2.01E+03	5.17E+02	4.33E+02
Sample ID:	**607690**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.34E+01	0.00E+00	2.34E+01
				Co-58	<1.97E+01	0.00E+00	1.97E+01
				Fe-59	<3.61E+01	0.00E+00	3.61E+01
				Co-60	<2.41E+01	0.00E+00	2.41E+01
				Zn-65	<2.93E+01	0.00E+00	2.93E+01
				Zr-95	<3.73E+01	0.00E+00	3.73E+01
				Nb-95	<2.15E+01	0.00E+00	2.15E+01
				I-131	<1.90E+01	0.00E+00	1.90E+01
				Cs-134	<2.23E+01	0.00E+00	2.23E+01
				Cs-137	<2.02E+01	0.00E+00	2.02E+01
				BaLa-140	<1.97E+01	0.00E+00	1.97E+01
				Be-7	4.30E+03	5.29E+02	2.99E+02
				K-40	2.07E+03	3.79E+02	1.93E+02
Sample ID:	**609974**	**Sample Dates: 4/1/2024 - 4/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.82E+01	0.00E+00	2.82E+01
				Co-58	<2.08E+01	0.00E+00	2.08E+01
				Fe-59	<2.93E+01	0.00E+00	2.93E+01
				Co-60	<2.87E+01	0.00E+00	2.87E+01
				Zn-65	<6.68E+01	0.00E+00	6.68E+01
				Zr-95	<4.68E+01	0.00E+00	4.68E+01
				Nb-95	<3.00E+01	0.00E+00	3.00E+01
				I-131	<2.59E+01	0.00E+00	2.59E+01
				Cs-134	<2.96E+01	0.00E+00	2.96E+01
				Cs-137	<2.37E+01	0.00E+00	2.37E+01
				BaLa-140	<2.80E+01	0.00E+00	2.80E+01
				Be-7	5.70E+03	7.05E+02	3.58E+02
				K-40	1.88E+03	4.89E+02	4.63E+02
Sample ID:	**611794**	**Sample Dates: 5/6/2024 - 5/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.44E+01	0.00E+00	2.44E+01
				Co-58	<2.77E+01	0.00E+00	2.77E+01
				Fe-59	<3.90E+01	0.00E+00	3.90E+01
				Co-60	<3.26E+01	0.00E+00	3.26E+01
				Zn-65	<4.39E+01	0.00E+00	4.39E+01
				Zr-95	<3.84E+01	0.00E+00	3.84E+01
				Nb-95	<2.51E+01	0.00E+00	2.51E+01
				I-131	<2.53E+01	0.00E+00	2.53E+01
				Cs-134	<3.14E+01	0.00E+00	3.14E+01
				Cs-137	<3.15E+01	0.00E+00	3.15E+01
				BaLa-140	<2.55E+01	0.00E+00	2.55E+01
				Be-7	<3.38E+02	0.00E+00	3.38E+02
				K-40	2.45E+03	5.54E+02	7.38E+01
Sample ID:	**613578**	**Sample Dates: 6/3/2024 - 6/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.63E+01	0.00E+00	1.63E+01
				Co-58	<1.36E+01	0.00E+00	1.36E+01
				Fe-59	<3.39E+01	0.00E+00	3.39E+01
				Co-60	<1.71E+01	0.00E+00	1.71E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 12 [INDICATOR - SSW @ 0.9 miles]

Sample ID:	613578	Sample Dates: 6/3/2024 - 6/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Zn-65	<3.73E+01	0.00E+00	3.73E+01
				Zr-95	<2.53E+01	0.00E+00	2.53E+01
				Nb-95	<1.44E+01	0.00E+00	1.44E+01
				I-131	<1.41E+01	0.00E+00	1.41E+01
				Cs-134	<1.54E+01	0.00E+00	1.54E+01
				Cs-137	<1.55E+01	0.00E+00	1.55E+01
				BaLa-140	<1.25E+01	0.00E+00	1.25E+01
				Be-7	7.94E+02	1.34E+02	1.39E+02
				K-40	2.60E+03	3.97E+02	2.35E+02
Sample ID:	**614724**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.26E+01	0.00E+00	2.26E+01
				Co-58	<2.65E+01	0.00E+00	2.65E+01
				Fe-59	<5.56E+01	0.00E+00	5.56E+01
				Co-60	<2.19E+01	0.00E+00	2.19E+01
				Zn-65	<5.06E+01	0.00E+00	5.06E+01
				Zr-95	<3.82E+01	0.00E+00	3.82E+01
				Nb-95	<2.87E+01	0.00E+00	2.87E+01
				I-131	<3.90E+01	0.00E+00	3.90E+01
				Cs-134	<2.40E+01	0.00E+00	2.40E+01
				Cs-137	<2.07E+01	0.00E+00	2.07E+01
				BaLa-140	<1.88E+01	0.00E+00	1.88E+01
				Be-7	5.17E+02	1.92E+02	2.58E+02
				K-40	2.53E+03	4.61E+02	3.11E+02
Sample ID:	**617054**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.68E+01	0.00E+00	1.68E+01
				Co-58	<1.60E+01	0.00E+00	1.60E+01
				Fe-59	<1.85E+01	0.00E+00	1.85E+01
				Co-60	<1.48E+01	0.00E+00	1.48E+01
				Zn-65	<3.50E+01	0.00E+00	3.50E+01
				Zr-95	<2.22E+01	0.00E+00	2.22E+01
				Nb-95	<1.57E+01	0.00E+00	1.57E+01
				I-131	<1.73E+01	0.00E+00	1.73E+01
				Cs-134	<1.65E+01	0.00E+00	1.65E+01
				Cs-137	<1.37E+01	0.00E+00	1.37E+01
				BaLa-140	<1.97E+01	0.00E+00	1.97E+01
				Be-7	1.98E+03	2.75E+02	2.03E+02
				K-40	2.33E+03	3.62E+02	1.98E+02
Sample ID:	**618443**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.95E+01	0.00E+00	1.95E+01
				Co-58	<2.13E+01	0.00E+00	2.13E+01
				Fe-59	<3.81E+01	0.00E+00	3.81E+01
				Co-60	<1.76E+01	0.00E+00	1.76E+01
				Zn-65	<4.38E+01	0.00E+00	4.38E+01
				Zr-95	<2.81E+01	0.00E+00	2.81E+01
				Nb-95	<2.21E+01	0.00E+00	2.21E+01
				I-131	<2.02E+01	0.00E+00	2.02E+01
				Cs-134	<2.14E+01	0.00E+00	2.14E+01
				Cs-137	<1.76E+01	0.00E+00	1.76E+01
				BaLa-140	<2.19E+01	0.00E+00	2.19E+01
				Be-7	2.16E+03	3.16E+02	2.44E+02
				K-40	2.71E+03	4.57E+02	3.19E+02
Sample ID:	**620687**	**Sample Dates: 10/7/2024 - 10/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.29E+01	0.00E+00	2.29E+01
				Co-58	<1.78E+01	0.00E+00	1.78E+01
				Fe-59	<4.32E+01	0.00E+00	4.32E+01
				Co-60	<2.31E+01	0.00E+00	2.31E+01
				Zn-65	<3.04E+01	0.00E+00	3.04E+01
				Zr-95	<3.88E+01	0.00E+00	3.88E+01
				Nb-95	<2.22E+01	0.00E+00	2.22E+01
				I-131	<2.23E+01	0.00E+00	2.23E+01
				Cs-134	<2.41E+01	0.00E+00	2.41E+01
				Cs-137	<1.89E+01	0.00E+00	1.89E+01
				BaLa-140	<2.14E+01	0.00E+00	2.14E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 12 [INDICATOR - SSW @ 0.9 miles]

Sample ID:	620687	Sample Dates: 10/7/2024 - 10/7/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Be-7	2.57E+03	3.82E+02	3.22E+02
				K-40	2.31E+03	4.28E+02	2.88E+02
Sample ID:	**622271**	**Sample Dates: 11/4/2024 - 11/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.50E+01	0.00E+00	1.50E+01
				Co-58	<1.84E+01	0.00E+00	1.84E+01
				Fe-59	<2.92E+01	0.00E+00	2.92E+01
				Co-60	<2.25E+01	0.00E+00	2.25E+01
				Zn-65	<4.16E+01	0.00E+00	4.16E+01
				Zr-95	<3.13E+01	0.00E+00	3.13E+01
				Nb-95	<1.97E+01	0.00E+00	1.97E+01
				I-131	<1.87E+01	0.00E+00	1.87E+01
				Cs-134	<2.03E+01	0.00E+00	2.03E+01
				Cs-137	<1.63E+01	0.00E+00	1.63E+01
				BaLa-140	<1.96E+01	0.00E+00	1.96E+01
				Be-7	2.56E+03	3.53E+02	2.62E+02
				K-40	2.55E+03	4.32E+02	3.04E+02
Sample ID:	**624073**	**Sample Dates: 12/2/2024 - 12/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.96E+01	0.00E+00	1.96E+01
				Co-58	<2.30E+01	0.00E+00	2.30E+01
				Fe-59	<3.91E+01	0.00E+00	3.91E+01
				Co-60	<2.49E+01	0.00E+00	2.49E+01
				Zn-65	<5.16E+01	0.00E+00	5.16E+01
				Zr-95	<5.02E+01	0.00E+00	5.02E+01
				Nb-95	<2.95E+01	0.00E+00	2.95E+01
				I-131	<2.89E+01	0.00E+00	2.89E+01
				Cs-134	<3.26E+01	0.00E+00	3.26E+01
				Cs-137	<3.00E+01	0.00E+00	3.00E+01
				BaLa-140	<3.14E+01	0.00E+00	3.14E+01
				Be-7	2.72E+03	4.05E+02	3.08E+02
				K-40	2.01E+03	4.37E+02	3.56E+02

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID:	602971	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.80E+01	0.00E+00	2.80E+01
				Co-58	<2.53E+01	0.00E+00	2.53E+01
				Fe-59	<7.07E+01	0.00E+00	7.07E+01
				Co-60	<3.07E+01	0.00E+00	3.07E+01
				Zn-65	<6.47E+01	0.00E+00	6.47E+01
				Zr-95	<5.37E+01	0.00E+00	5.37E+01
				Nb-95	<3.27E+01	0.00E+00	3.27E+01
				I-131	<2.66E+01	0.00E+00	2.66E+01
				Cs-134	<3.40E+01	0.00E+00	3.40E+01
				Cs-137	<3.23E+01	0.00E+00	3.23E+01
				BaLa-140	<3.24E+01	0.00E+00	3.24E+01
				Be-7	3.14E+03	4.92E+02	3.30E+02
				K-40	2.49E+03	5.85E+02	4.94E+02
Sample ID:	**604826**	**Sample Dates: 2/5/2024 - 2/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.63E+01	0.00E+00	2.63E+01
				Co-58	<2.73E+01	0.00E+00	2.73E+01
				Fe-59	<6.20E+01	0.00E+00	6.20E+01
				Co-60	<3.39E+01	0.00E+00	3.39E+01
				Zn-65	<5.04E+01	0.00E+00	5.04E+01
				Zr-95	<4.95E+01	0.00E+00	4.95E+01
				Nb-95	<3.07E+01	0.00E+00	3.07E+01
				I-131	<2.63E+01	0.00E+00	2.63E+01
				Cs-134	<3.75E+01	0.00E+00	3.75E+01
				Cs-137	<3.13E+01	0.00E+00	3.13E+01
				BaLa-140	<3.66E+01	0.00E+00	3.66E+01
				Be-7	3.38E+03	5.18E+02	3.56E+02
				K-40	2.69E+03	5.71E+02	2.77E+02
Sample ID:	**607692**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.12E+01	0.00E+00	2.12E+01

HARRIS Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID:	607692	Sample Dates: 3/4/2024 - 3/4/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Co-58	<1.73E+01	0.00E+00	1.73E+01
				Fe-59	<3.17E+01	0.00E+00	3.17E+01
				Co-60	<1.96E+01	0.00E+00	1.96E+01
				Zn-65	<3.83E+01	0.00E+00	3.83E+01
				Zr-95	<3.13E+01	0.00E+00	3.13E+01
				Nb-95	<1.62E+01	0.00E+00	1.62E+01
				I-131	<1.80E+01	0.00E+00	1.80E+01
				Cs-134	<2.26E+01	0.00E+00	2.26E+01
				Cs-137	<1.73E+01	0.00E+00	1.73E+01
				BaLa-140	<1.55E+01	0.00E+00	1.55E+01
				Be-7	3.76E+03	4.14E+02	1.81E+02
				K-40	2.80E+03	4.56E+02	3.06E+02
Sample ID:	**609976**	**Sample Dates: 4/1/2024 - 4/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.42E+01	0.00E+00	1.42E+01
				Co-58	<1.44E+01	0.00E+00	1.44E+01
				Fe-59	<3.43E+01	0.00E+00	3.43E+01
				Co-60	<2.21E+01	0.00E+00	2.21E+01
				Zn-65	<4.20E+01	0.00E+00	4.20E+01
				Zr-95	<2.96E+01	0.00E+00	2.96E+01
				Nb-95	<1.39E+01	0.00E+00	1.39E+01
				I-131	<1.74E+01	0.00E+00	1.74E+01
				Cs-134	<2.25E+01	0.00E+00	2.25E+01
				Cs-137	<1.48E+01	0.00E+00	1.48E+01
				BaLa-140	<4.59E+00	0.00E+00	4.59E+00
				Be-7	3.79E+03	4.65E+02	2.30E+02
				K-40	3.03E+03	4.79E+02	1.53E+02
Sample ID:	**611796**	**Sample Dates: 5/6/2024 - 5/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.36E+01	0.00E+00	2.36E+01
				Co-58	<2.55E+01	0.00E+00	2.55E+01
				Fe-59	<5.33E+01	0.00E+00	5.33E+01
				Co-60	<3.45E+01	0.00E+00	3.45E+01
				Zn-65	<4.63E+01	0.00E+00	4.63E+01
				Zr-95	<4.05E+01	0.00E+00	4.05E+01
				Nb-95	<2.46E+01	0.00E+00	2.46E+01
				I-131	<2.35E+01	0.00E+00	2.35E+01
				Cs-134	<4.16E+01	0.00E+00	4.16E+01
				Cs-137	<3.03E+01	0.00E+00	3.03E+01
				BaLa-140	<3.40E+01	0.00E+00	3.40E+01
				Be-7	1.97E+02	2.13E+02	3.43E+02
				K-40	1.84E+03	5.25E+02	4.15E+02
Sample ID:	**613580**	**Sample Dates: 6/3/2024 - 6/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.51E+01	0.00E+00	1.51E+01
				Co-58	<1.44E+01	0.00E+00	1.44E+01
				Fe-59	<2.74E+01	0.00E+00	2.74E+01
				Co-60	<1.16E+01	0.00E+00	1.16E+01
				Zn-65	<2.89E+01	0.00E+00	2.89E+01
				Zr-95	<2.54E+01	0.00E+00	2.54E+01
				Nb-95	<1.44E+01	0.00E+00	1.44E+01
				I-131	<1.38E+01	0.00E+00	1.38E+01
				Cs-134	<1.49E+01	0.00E+00	1.49E+01
				Cs-137	<1.44E+01	0.00E+00	1.44E+01
				BaLa-140	<1.22E+01	0.00E+00	1.22E+01
				Be-7	8.55E+02	1.65E+02	1.58E+02
				K-40	2.66E+03	3.94E+02	2.30E+02
Sample ID:	**614726**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.78E+01	0.00E+00	2.78E+01
				Co-58	<3.67E+01	0.00E+00	3.67E+01
				Fe-59	<6.93E+01	0.00E+00	6.93E+01
				Co-60	<2.47E+01	0.00E+00	2.47E+01
				Zn-65	<6.45E+01	0.00E+00	6.45E+01
				Zr-95	<6.24E+01	0.00E+00	6.24E+01
				Nb-95	<4.44E+01	0.00E+00	4.44E+01
				I-131	<5.16E+01	0.00E+00	5.16E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID:	614726	Sample Dates: 7/1/2024 - 7/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<4.18E+01	0.00E+00	4.18E+01
				Cs-137	<2.88E+01	0.00E+00	2.88E+01
				BaLa-140	<6.23E+01	0.00E+00	6.23E+01
				Be-7	3.46E+02	2.77E+02	4.35E+02
				K-40	3.60E+03	6.91E+02	4.44E+02
Sample ID:	**617056**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.75E+01	0.00E+00	1.75E+01
				Co-58	<1.52E+01	0.00E+00	1.52E+01
				Fe-59	<3.25E+01	0.00E+00	3.25E+01
				Co-60	<1.36E+01	0.00E+00	1.36E+01
				Zn-65	<3.44E+01	0.00E+00	3.44E+01
				Zr-95	<3.11E+01	0.00E+00	3.11E+01
				Nb-95	<1.67E+01	0.00E+00	1.67E+01
				I-131	<2.13E+01	0.00E+00	2.13E+01
				Cs-134	<2.05E+01	0.00E+00	2.05E+01
				Cs-137	<2.05E+01	0.00E+00	2.05E+01
				BaLa-140	<2.38E+01	0.00E+00	2.38E+01
				Be-7	1.34E+03	2.47E+02	2.45E+02
				K-40	2.23E+03	3.97E+02	2.86E+02
Sample ID:	**618445**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.20E+01	0.00E+00	2.20E+01
				Co-58	<2.44E+01	0.00E+00	2.44E+01
				Fe-59	<4.18E+01	0.00E+00	4.18E+01
				Co-60	<2.86E+01	0.00E+00	2.86E+01
				Zn-65	<4.13E+01	0.00E+00	4.13E+01
				Zr-95	<4.39E+01	0.00E+00	4.39E+01
				Nb-95	<2.22E+01	0.00E+00	2.22E+01
				I-131	<2.73E+01	0.00E+00	2.73E+01
				Cs-134	<2.85E+01	0.00E+00	2.85E+01
				Cs-137	<2.24E+01	0.00E+00	2.24E+01
				BaLa-140	<2.67E+01	0.00E+00	2.67E+01
				Be-7	2.09E+03	3.41E+02	2.92E+02
				K-40	2.95E+03	5.48E+02	4.73E+02
Sample ID:	**620689**	**Sample Dates: 10/7/2024 - 10/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.42E+01	0.00E+00	2.42E+01
				Co-58	<1.93E+01	0.00E+00	1.93E+01
				Fe-59	<4.56E+01	0.00E+00	4.56E+01
				Co-60	<2.24E+01	0.00E+00	2.24E+01
				Zn-65	<5.40E+01	0.00E+00	5.40E+01
				Zr-95	<3.79E+01	0.00E+00	3.79E+01
				Nb-95	<2.24E+01	0.00E+00	2.24E+01
				I-131	<2.55E+01	0.00E+00	2.55E+01
				Cs-134	<3.00E+01	0.00E+00	3.00E+01
				Cs-137	<2.63E+01	0.00E+00	2.63E+01
				BaLa-140	<3.32E+01	0.00E+00	3.32E+01
				Be-7	2.80E+03	3.94E+02	2.57E+02
				K-40	2.85E+03	5.18E+02	3.80E+02
Sample ID:	**622273**	**Sample Dates: 11/4/2024 - 11/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.83E+01	0.00E+00	1.83E+01
				Co-58	<1.52E+01	0.00E+00	1.52E+01
				Fe-59	<3.13E+01	0.00E+00	3.13E+01
				Co-60	<1.75E+01	0.00E+00	1.75E+01
				Zn-65	<4.10E+01	0.00E+00	4.10E+01
				Zr-95	<2.56E+01	0.00E+00	2.56E+01
				Nb-95	<1.69E+01	0.00E+00	1.69E+01
				I-131	<1.72E+01	0.00E+00	1.72E+01
				Cs-134	<2.01E+01	0.00E+00	2.01E+01
				Cs-137	<1.61E+01	0.00E+00	1.61E+01
				BaLa-140	<2.07E+01	0.00E+00	2.07E+01
				Be-7	2.78E+03	3.62E+02	2.26E+02
				K-40	2.39E+03	4.21E+02	3.26E+02

HARRIS Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 63 [INDICATOR - SW @ 0.6 miles]

Sample ID: 624075 **Sample Dates: 12/2/2024 - 12/2/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.17E+01	0.00E+00	2.17E+01
Co-58	<1.81E+01	0.00E+00	1.81E+01
Fe-59	<4.14E+01	0.00E+00	4.14E+01
Co-60	<2.65E+01	0.00E+00	2.65E+01
Zn-65	<4.47E+01	0.00E+00	4.47E+01
Zr-95	<3.33E+01	0.00E+00	3.33E+01
Nb-95	<2.39E+01	0.00E+00	2.39E+01
I-131	<2.20E+01	0.00E+00	2.20E+01
Cs-134	<2.73E+01	0.00E+00	2.73E+01
Cs-137	<2.15E+01	0.00E+00	2.15E+01
BaLa-140	<3.42E+01	0.00E+00	3.42E+01
Be-7	1.62E+03	2.96E+02	2.96E+02
K-40	2.77E+03	4.79E+02	3.38E+02

APPENDIX F

ERRATA TO PREVIOUS REPORTS

2024

APPENDIX F

HARRIS NUCLEAR PLANT
ERRATA

F.1 ERRATA FOR 2019-2023 HNP AREOR

An error was identified in Appendix B of the 2019-2023 HNP AREORs for Ground Water (NCR#02546846). Three new ground water wells were added to the program in 2019, but these new wells were classified incorrectly in LIMS. This led to errors in the Tritium "All Indicator Locations Mean[(2)(3)]Range[(2)]" column from 2019-2023 of Appendix B. These additional twelve samples were not taken into account in this column.

For the years 2019-2022, the denominator for "All Indicator Locations Mean[(2)(3)]Range[(2)]" should have been 84, not 72. The denominator indicates the total number of indicator location samples, and the numerator indicates the number of positive results. Since the additional twelve results had no positive results, this did not impact the numerator, the average, or the range.

For 2023, the denominator for "All Indicator Locations Mean[(2)(3)]Range[(2)]" should of have been 84, not 72. The numerator for "All Indicator Locations Mean[(2)(3)]Range[(2)]" should of have been 15, not 13. The two additional positive results did change the average from 3.66E+02 to 3.44E+02, but this did not impact the range.

This error did not impact Section 3.4 of the HNP AREORs. Below is the corrected Appendix B section for the ground water pathway for each year:

HARRIS NUCLEAR PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Shearon Harris Nuclear Power Plant
Wake County, North Carolina

Docket Numbers: STN 50-400
Calendar Year: 2023

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range [2] [3]		
Ground Water (pCi/l)	Gamma 84	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 84	See Table 2.2-C	3.44E+02 (15/84) 1.92E+02 – 6.81E+02	Loc. # 83 On Site (BD-MW16) along Cooling Tower Blowdown line 1.6 miles SSW	6.28E+02 (4/4) 5.67E+02 – 6.81E+02	No Control	0

HARRIS NUCLEAR PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Shearon Harris Nuclear Power Plant
Wake County, North Carolina

Docket Numbers: STN 50-400
Calendar Year: 2022

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range [2] [3]		
Ground Water (pCi/l)	Gamma 84	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 84	See Table 2.2-C	4.09E+02 (16/84) 1.78E+02 – 8.85E+02	Loc. # 83 On Site (BD-MW16) along Cooling Tower Blowdown line 1.6 miles SSW	7.77E+02 (4/4) 6.22E+02 – 8.85E+02	No Control	0

HARRIS NUCLEAR PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Shearon Harris Nuclear Power Plant — Docket Numbers: STN 50-400
Wake County, North Carolina — Calendar Year: 2021

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range [2] [3]		
Ground Water (pCi/l)	Gamma 84	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 84	See Table 2.2-C	4.49E+02 (12/84) 1.83E+02 – 8.81E+02	Loc. # 83 On Site (BD-MW16) along Cooling Tower Blowdown line 1.6 miles SSW	8.32E+02 (4/4) 7.25E+02 – 8.81E+02	No Control	0

HARRIS NUCLEAR PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Shearon Harris Nuclear Power Plant — Docket Numbers: STN 50-400
Wake County, North Carolina — Calendar Year: 2020

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range [2] [3]		
Ground Water (pCi/l)	Gamma 84	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 84	2000[7]	4.25E+02 (16/84) 1.90E+02 – 1.01E+03	Loc. # 83 On Site (BD-MW16) along Cooling Tower Blowdown line 1.6 miles SSW	9.34E+02 (4/4) 8.02E+02 – 1.01E+03	No Control	0

HARRIS NUCLEAR PLANT
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Shearon Harris Nuclear Power Plant
Wake County, North Carolina

Docket Numbers: STN 50-400
Calendar Year: 2019

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range [2] [3]		
Ground Water (pCi/l)	Gamma 84	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 84	2000[7]	4.41E+02 (15/84) 2.04E+02 – 1.25E+03	Loc. # 83 On Site (BD-MW16) along Cooling Tower Blowdown line 1.6 miles SSW	9.90E+02 (4/4) 8.41E+02 – 1.25E+03	No Control	0

ENCLOSURE 4: MNS Annual Radiological Environmental Operating Report

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

DUKE ENERGY CORPORATION
MCGUIRE NUCLEAR STATION
Units 1 and 2

2024

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LIST OF ACRONYMS USED IN THIS TEXT *(in alphabetical order)*

AREOR	Annual Radiological Environmental Operating Report
ARERR	Annual Radiological Effluent Release Report
BW	BiWeekly
C	Control
CM	Community
CR	Condition Report (analogous to Nuclear Condition Report (NCR))
EZA	Eckert & Ziegler Analytics
GPS	Global Positioning System
I	Indicator
IR	Inner Ring
ISFSI	Independent Spent Fuel Storage Installation
LLD	Lower Limit of Detection
LLI	Low Level Iodine
LUC	Land Use Census
M	Monthly
MAPEP	Department of Energy Mixed Analyte Performance Evaluation Program
MDA	Minimum Detectable Activity
MNS	McGuire Nuclear Station
mrem	Millirem
mR/Std Qtr	milliroentgen per standard quarter
MWe	Megawatt (electrical)
NIST	National Institute of Standards and Technology
NCR	Nuclear Condition Report (analogous to Condition Report (CR))
NRC	Nuclear Regulatory Commission
ODCM	Offsite Dose Calculation Manual
OR	Outer Ring
pCi/kg	picocurie per kilogram
pCi/l	picocurie per liter
pCi/m3	picocurie per cubic meter
Q	Quarterly
REMP	Radiological Environmental Monitoring Program
SA	Semiannually
SB	Site Boundary
SI	Special Interest
SLCs	Selected Licensee Commitments
SM	Semimonthly
TECH SPECs	Technical Specifications
TLD	Thermoluminescent Dosimeter
UFSAR	Updated Final Safety Analysis Report
W	Weekly

1.0 EXECUTIVE SUMMARY

This Annual Radiological Environmental Operating Report describes the McGuire Nuclear Station Radiological Environmental Monitoring Program (REMP), and the program results for the calendar year 2024.

Included are the identification of sampling locations, descriptions of environmental sampling and analysis procedures, comparisons of present environmental radioactivity levels and pre-operational environmental data, analysis of trends in environmental radiological data as potentially affected by station operations, and a summary of environmental radiological sampling results. Quality assurance practices, sampling deviations, unavailable samples, and program changes are also discussed.

Sampling activities were conducted as prescribed by the McGuire Offsite Dose Calculation Manual (ODCM) and Selected Licensee Commitments (SLCs). One thousand and seventy-four samples were analyzed comprising eleven hundred and forty-three test results to compile data for the 2024 report. Based on the annual land use census, the current number of sampling sites for McGuire Nuclear Station is sufficient.

Concentrations observed in the environment in 2024 for station related radionuclides were within the ranges of concentrations observed in the past. Inspection of data showed that radioactivity concentrations in drinking water and surface water are higher than the activities reported for samples collected prior to the operation of the station. Measured concentrations were not higher than expected, and all positively identified measurements attributable to station operation were within limits as specified in the ODCM and SLCs, thus presenting no significant impact on the environment or public health and safety.

2.0 INTRODUCTION

2.1 SITE DESCRIPTION AND SAMPLE LOCATIONS

McGuire Nuclear Station (MNS) is located geographically near the center of a highly industrialized region of the Carolinas. The land is predominantly rural non-farm with a small amount of land being used for farming. The McGuire site is in northwestern Mecklenburg County, North Carolina, 17 miles north-northwest of Charlotte, North Carolina. The site is bounded to the west by the Catawba River channel and to the north by 32,510 acre Lake Norman. Lake Norman is impounded by Duke Energy Corporation's Cowans Ford Dam Hydroelectric Station. The tailwater of Cowans Ford Dam is the upper limit of Mountain Island Reservoir. Mountain Island Dam is located 15 miles downstream from the site. Lookout Shoals Hydroelectric Station is at the upper reaches of Lake Norman. Marshall Steam Station is located on the western shore of Lake Norman, approximately 16 miles upstream from the site.

MNS consists of two pressurized water reactors. Each reactor unit is essentially a mirror image of the other joined by an auxiliary building housing both separate and common equipment. Each unit was designed to produce approximately 1200 gross MWe. Unit 1 achieved criticality August 8, 1981 and Unit 2 on May 8, 1983.

Sampling locations are chosen based upon meteorological factors, preoperational monitoring, and results of the land use surveys. Figures 2.1-1A, 2.1-1B, 2.1-2A, 2.1-2B, 2.1-3A and 2.1-3B are maps depicting the Thermoluminescent Dosimeter (TLD) monitoring locations and the sampling locations. The location numbers shown on these maps correspond to those listed in Tables 2.1-A and 2.1-B. Figures 2.1-1A and 2.1-1B comprise all sample locations within 0.5-mile radius of MNS. Figures 2.1-2A and 2.1-2B comprise all sample locations within a ten-mile radius of MNS. Figures 2.1-3A and 2.1-3B comprise all samples beyond a ten-mile radius of MNS.

The McGuire site centerline used for GPS measurements was referenced from the McGuire Nuclear Station Updated Final Safety Analysis Report (UFSAR), section 2.1.1, Site Location. Waypoint coordinates used for MNS GPS measurements were latitude 35°-25'-59"N and longitude 80°-56'-55"W. Maps and tables were generated using North American Datum (NAD) 27. Data normally reflect accuracy to within 2 to 5 meters from point of measurement. GPS field measurements were taken as close as possible to the item of interest. Distances for the locations are displayed using two significant figures.

2.2 SCOPE AND REQUIREMENTS OF THE REMP

An environmental monitoring program has been in effect at McGuire Nuclear Station since 1977, four years prior to operation of Unit 1 in 1981. The preoperational program provides data on the existing environmental radioactivity levels for the site and vicinity which may be used to determine whether increases in environmental levels are attributable to the station. The operational program provides surveillance and backup support of detailed effluent monitoring which is necessary to evaluate the significance, if any, of the contributions to the existing environmental radioactivity levels that result from station operation.

This monitoring program is based on NRC guidance as reflected in the Selected Licensee Commitments Manual, with regard to sample media, sampling locations, sampling frequency, and analytical sensitivity requirements. Indicator and control locations were established for comparison purposes to distinguish radioactivity of station origin from natural or other "man-made" environmental radioactivity. The environmental monitoring program also verifies projected and anticipated radionuclide concentrations in the environment and related exposures from releases of radionuclides from McGuire Nuclear Station. This program satisfies the requirements of Section IV.B.2 of Appendix I to 10CFR50 and provides surveillance of all appropriate critical exposure pathways to man and protects vital interests of the company, public, and state and federal agencies concerned with the environment. Reporting levels for radioactivity found in environmental samples are listed in Table 2.2-A. Table 2.2-B lists the REMP analysis and frequency schedule.

The Annual Land Use Census, required by Selected Licensee Commitments, is performed to ensure that changes in the use of areas at or beyond the site boundary are identified and that modifications to the Radiological Environmental Monitoring Program are made if required by changes in land use. This census satisfies the requirements of Section IV.B.3 of Appendix I to 10CFR50. Results are shown in Table 3.10.

Participation in an interlaboratory comparison program as required by Selected Licensee Commitments provides for independent checks on the precision and accuracy of measurements of radioactive material in REMP sample matrices. Such checks are performed as part of the quality assurance program for environmental monitoring in order to demonstrate that the results are valid for the purposes of Section IV.B.2 of Appendix I to 10CFR50. A summary of the results obtained as part of this comparison program are in Section 4 of this annual report.

2.3 STATISTICAL AND CALCULATIONAL METHODOLOGY

2.3.1 ESTIMATION OF THE MEAN VALUE

There was one (1) basic statistical calculation performed on the raw data resulting from the environmental sample analysis program. The calculation involved the determination of the mean value for the indicator and the control samples for each sample medium. The mean is a widely used statistic. This value was used in the reduction of the data generated by the sampling and analysis of the various media in the Radiological Environmental Monitoring Program. "Net activity (or concentration)" is the activity (or concentration) determined to be present in the sample. No "Minimum Detectable Activity", "Lower Limit of Detection", "Less Than Level", or negative activities or concentrations are included in the calculation of the mean. The following equation was used to estimate the mean:

$$\overline{x} = \frac{\sum_{i=1}^{N} x_i}{N}$$

Where:

$\bar{x}$ = estimate of the mean,
i = individual sample,
N = total number of samples with a net activity (or concentration),
χ_i = net activity (or concentration) for sample i.

2.3.2 LOWER LIMIT OF DETECTION AND MINIMUM DETECTABLE ACTIVITY

The Lower Limit of Detection (LLD) and Minimum Detectable Activity (MDA) are used throughout the Environmental Monitoring Program.

LLD - The LLD, as defined in the Selected Licensee Commitments Manual is the smallest concentration of radioactive material in a sample that will yield a net count, above the system background, that will be detected with 95% probability with only 5% probability of falsely concluding that a blank observation represents a "real" signal. The LLD is an *a priori* (before the fact) lower limit of detection. The actual LLD is dependent upon the standard deviation of the background counting rate, the counting efficiency, the sample size (mass or volume), the radiochemical yield, and the radioactive decay of the sample between sample collection and counting. The "required" LLDs for each sample medium and selected radionuclides are given in the Selected Licensee Commitments and are listed in Table 2.2-C.

MDA - The MDA is the net counting rate (sample after subtraction of background) that must be surpassed before a sample is considered to contain a scientifically measurable amount of a radioactive material exceeding background amounts. The MDA is calculated using a sample background and may be thought of as an "actual" LLD for a particular sample measurement. Certain gross counting measurements display a calculated negative value, indicating background is greater than sample activity.

2.3.3 TREND IDENTIFICATION

One of the purposes of an environmental monitoring program is to determine if there is a buildup of radionuclides in the environment due to the operation of the nuclear station. Visual inspection of tabular or graphical presentations of data (including preoperational) is used to determine if a trend exists. A decrease in a particular radionuclide's concentration in an environmental medium does not indicate that reactor operations are removing radioactivity from the environment but that reactor operations are not adding that radionuclide to the environment in quantities exceeding the preoperational level and that the normal removal processes (radioactive decay, deposition, resuspension, etc.) are influencing the concentration.

Substantial increases or decreases in the amount of a particular radionuclide's release from the nuclear plant will greatly affect the resulting environmental levels; therefore, a knowledge of the release of a radionuclide from the nuclear plant is necessary to completely interpret the trends, or lack of trends, determined from the environmental data. Some

factors that may affect environmental levels of radionuclides include prevailing weather conditions (periods of drought, solar cycles or heavier than normal precipitation), construction in or around either the nuclear plant or the sampling location, and addition or deletion of other sources of radioactive materials (such as the 1986 Chernobyl accident and the 2011 Japan earthquake and tsunami, which triggered the Fukushima Dai-ichi Nuclear Power Plant incident). Some of these factors may be obvious while others are sometimes unknown. Therefore, how trends are identified will include some judgment by plant personnel.

Figure 2.1-1A
(ODCM Revision 61/62)

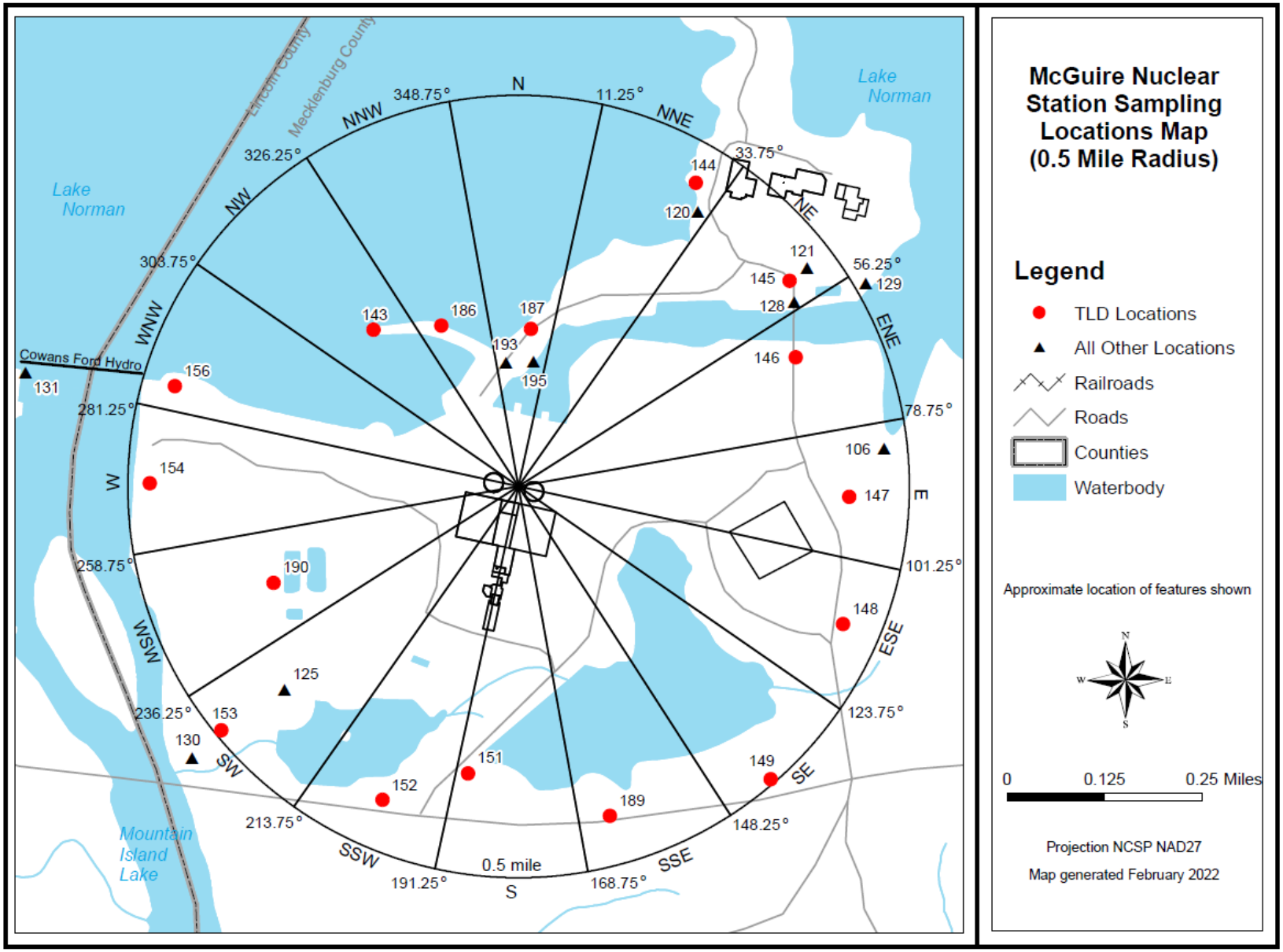


Figure 2.1-1B
(ODCM Revision 63)

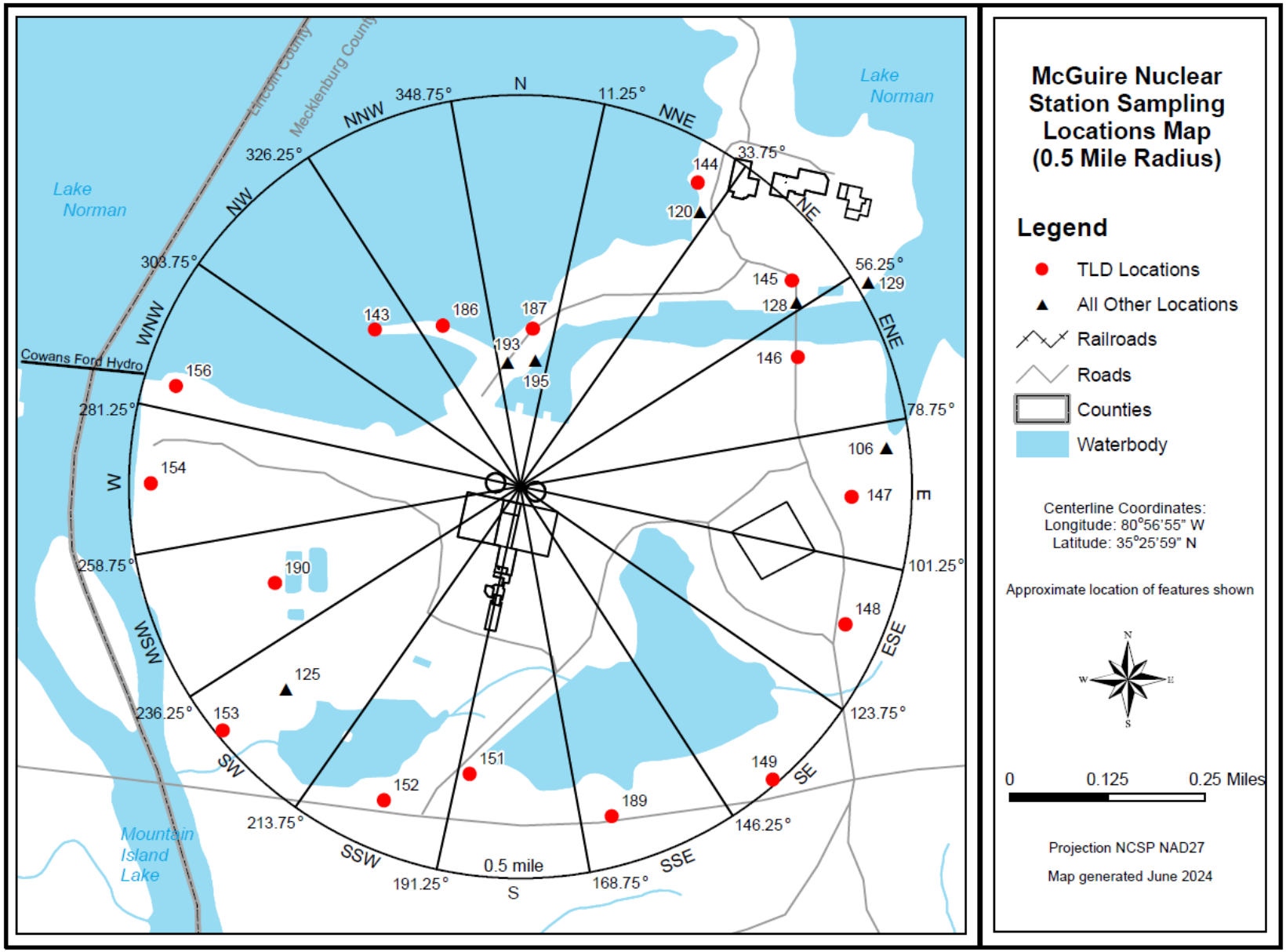


Figure 2.1-2A
(ODCM Revision 61/62)

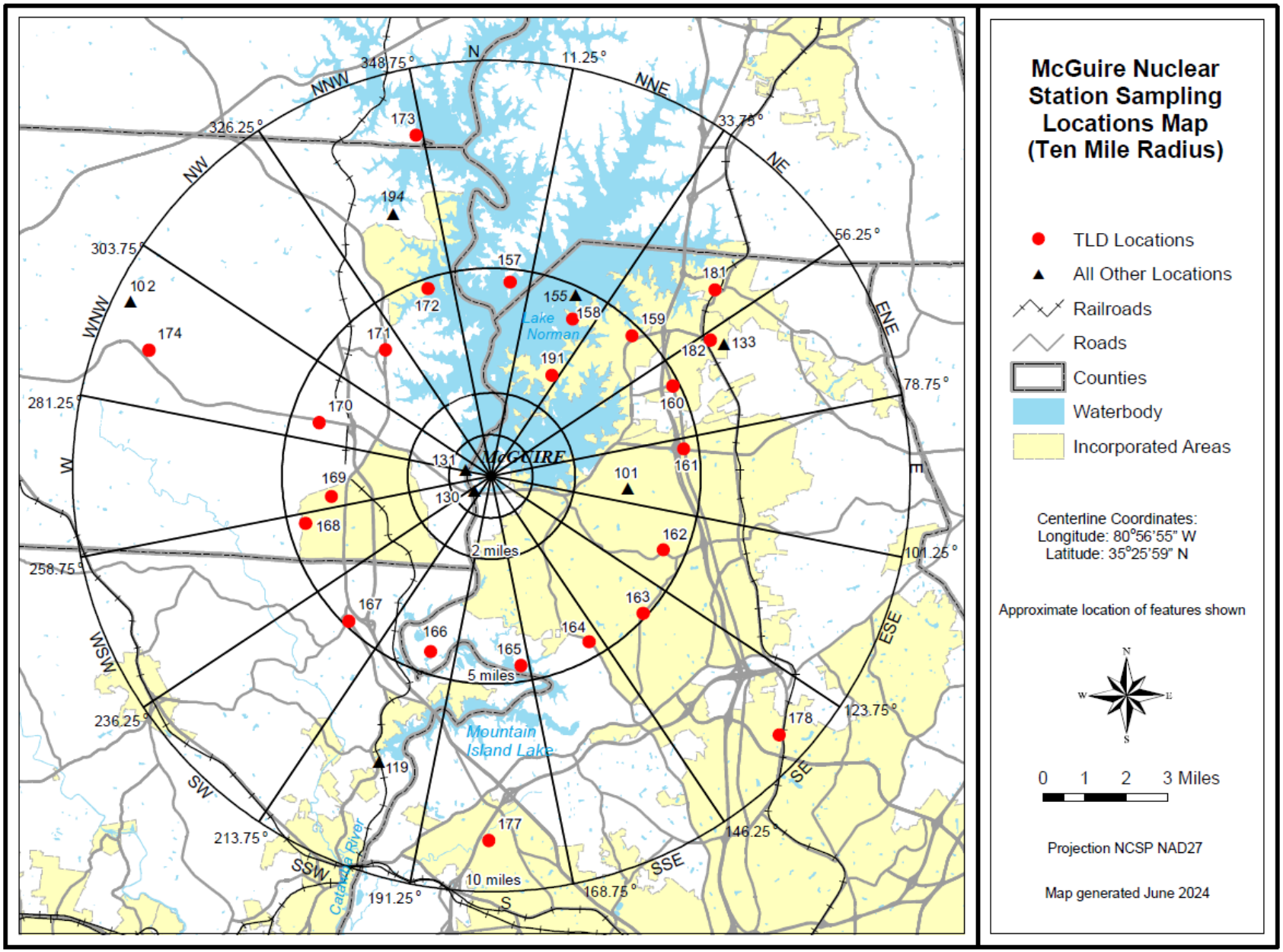


Figure 2.1-2B
(ODCM Revision 63)

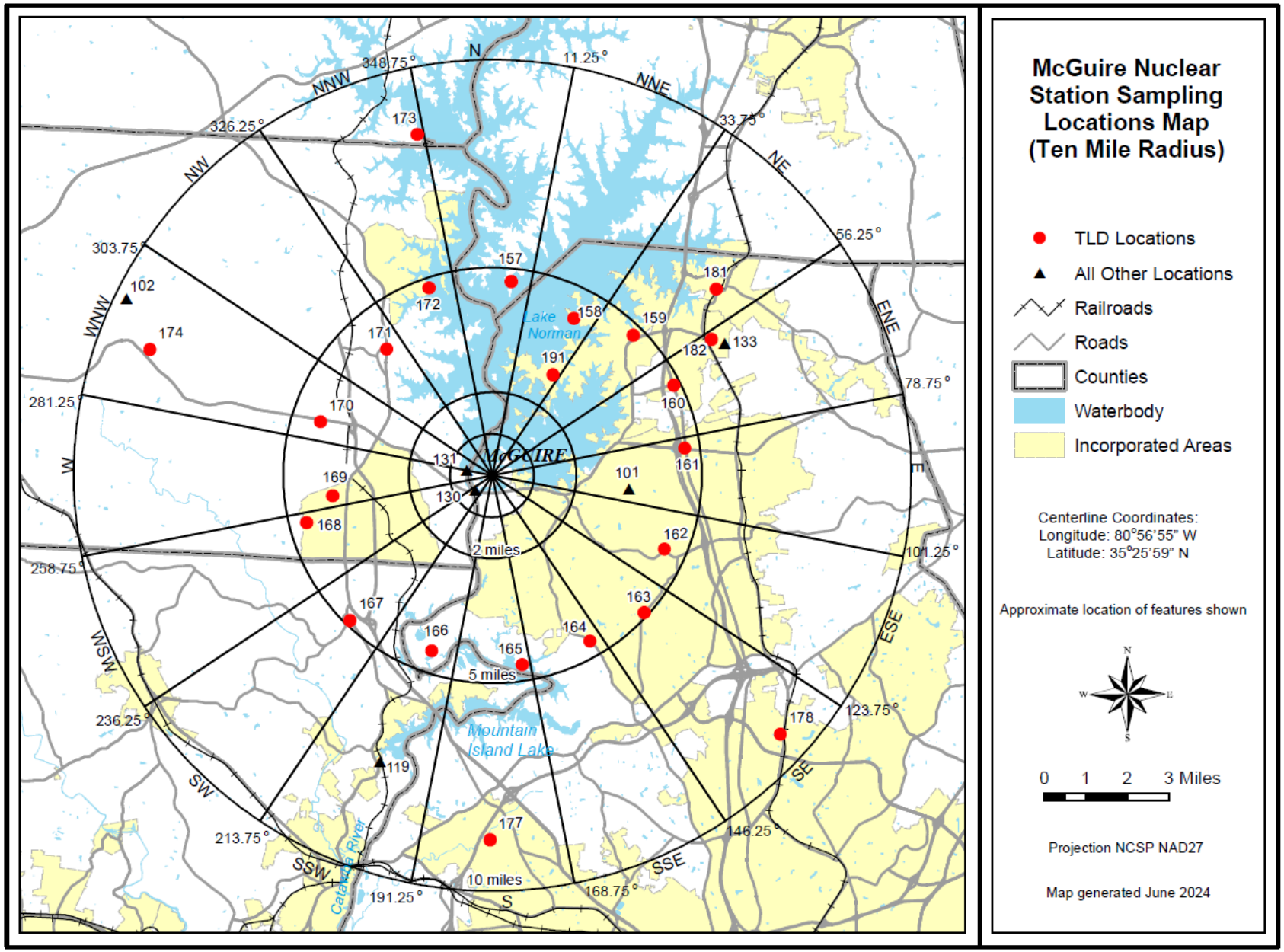


Figure 2.1-3A
(ODCM Revision 61)

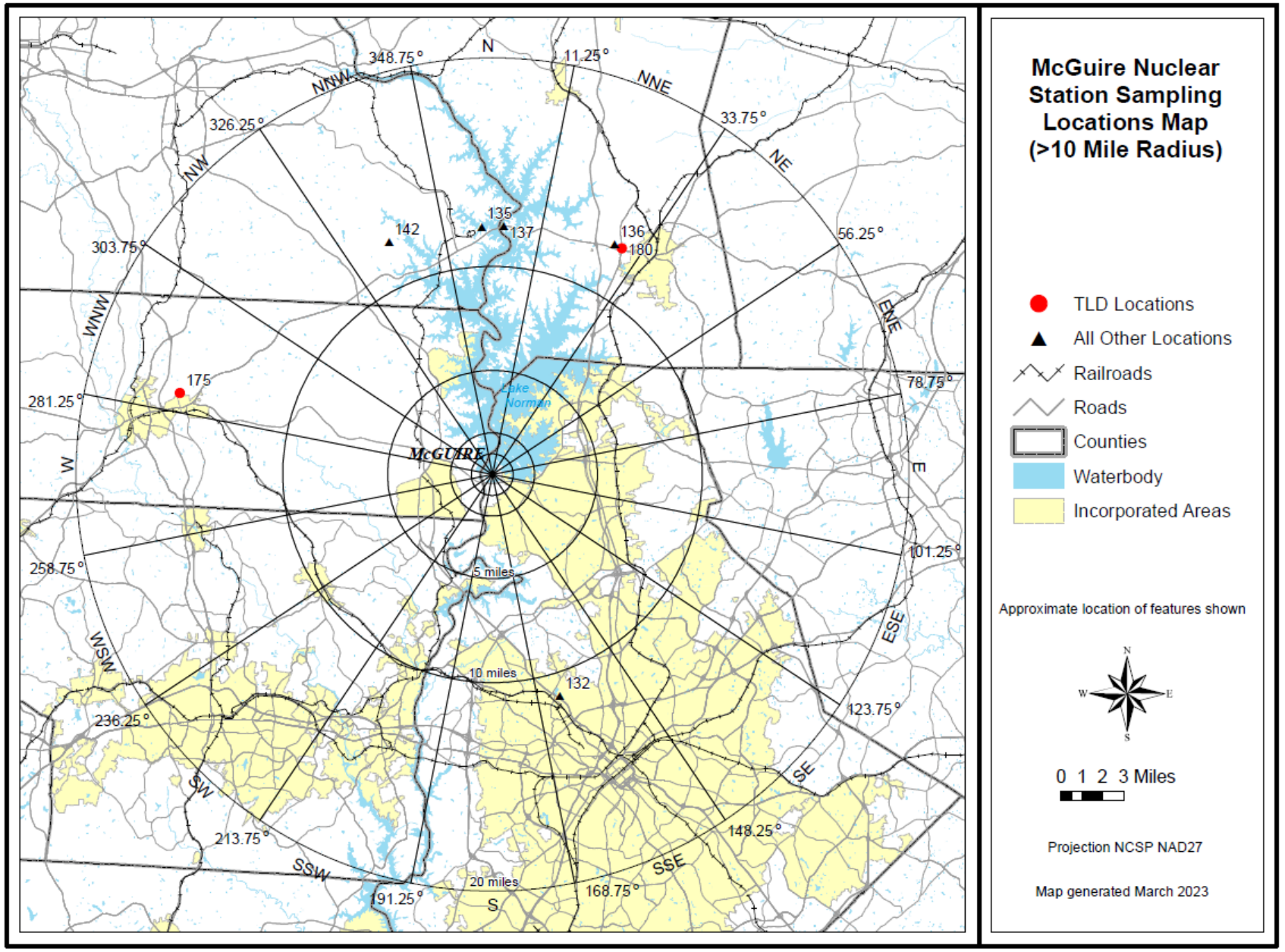


Figure 2.1-3B
(ODCM Revision 62/63)

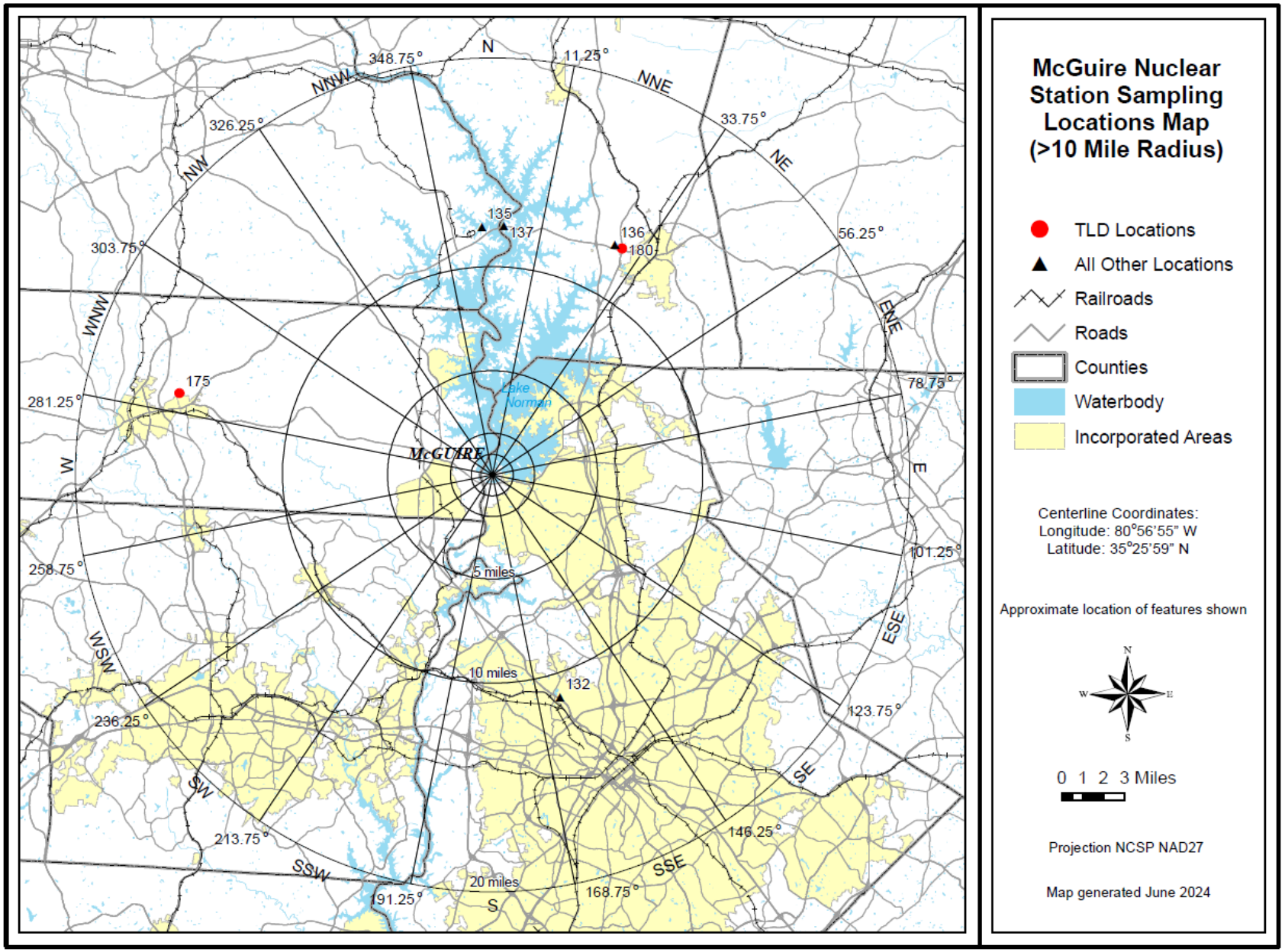


TABLE 2.1-A

MCGUIRE RADIOLOGICAL MONITORING PROGRAM
SAMPLING LOCATIONS

Table 2.1-A Codes			
C	Control[c]	SA	Semiannually
CM	Community	SB	Site Boundary
I	Indicator	W	Weekly
M	Monthly		

Site #	Measure Type	Location Description[e]	Air Rad. & Part.	Surface Water[d]	Drinking Water	Shoreline Sediment	Food Products	Fish	Milk	Broad Leaf Veg.
101	I	North Mecklenburg Water Treatment Facility (3.31 mi E)			M					
102	C	Amity Church Road (9.89 mi WNW)	W							M[b]
106	I	Maintenance Training Facility (0.47 mi E)	W, CM							
119	I	Mt. Holly Municipal Water Supply (7.40 mi SSW)			M					
120	I	HP Boathouse-Site Boundary (0.46 mi NNE)	W, SB							M[b]
121[f]	I	Guardhouse-Site Boundary (0.47 mi NE)	W, SB							
125	I	Settling Ponds - Site Boundary (0.38 mi SW)	W, SB							M[b]
128	I	Discharge Canal Bridge (0.45 mi NE)		M						
129	I	Discharge Canal Entrance to Lake Norman (0.51 mi ENE)				SA		SA		
130	I	Hwy 73 Bridge Downstream (0.52 mi SW)				SA				
131	I	Cowans Ford Dam (0.64 mi WNW)		M						
132	I	Charlotte Municipal Water Supply (11.1 mi SSE)			M					
133	I	Cornelius (6.23 mi ENE)	W							
135	C	Plant Marshall Intake Canal (11.9 mi N)		M						
136	C	Mooresville Municipal Water Supply (12.7 mi NNE)			M					
137	C	Pinnacle Access Area (12.0 mi N)				SA		SA		
142[g]	C	Lowman Farms-Cows (12.2 mi NNW)							SM	
155(h)	I	Island Forest Drive (4.87 mi NNE)					M[a]			
193	I	Site Boundary (0.19 mi N)								M[b]
194[f]	I	East Lincoln County Water Supply (6.73 mi NNW)			M					
195	I	Fishing Access Road (0.19 mi N)	W							

(a) During Harvest Season
(b) When Available
(c) The purpose of this sample is to obtain background information. If it is not practical to establish control locations in accordance with the distance and wind direction criteria, other sites that provide valid background data may be substituted.
(d) The "upstream sample" shall be taken at a distance beyond significant influence of the discharge. The "downstream" sample shall be taken in an area beyond but near the mixing zone. "Upstream" samples in an estuary must be taken far enough upstream to be beyond the plant influence. Saltwater shall be sampled only when the receiving water is utilized for recreational activities.
(e) GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.
(f) Sample site was removed, considered supplemental and not SLC required. Changed initiated in MNS ODCM Revision 63 on June 24, 2024.
(g) Lowman Farms was closed, removed as a site, and a replacement control milk location could not be located. Change initiated in MNS ODCM Revision 62 on June 10, 2024.
(h) Irrigated garden at location 155 was no longer available, removed, and a replacement could not be located. Change initiated in MNS ODCM Revision 62 on June 10, 2024.

TABLE 2.1-B

MCGUIRE RADIOLOGICAL MONITORING PROGRAM
SAMPLING LOCATIONS (TLD SITES) [b]

Table 2.1-B Codes			
C	Control [a]	OR	Outer Ring
IR	Inner Ring	SI	Special Interest

Site #	Measure Type	Location	Distance [c] (miles)	Sector	Site #	Measure Type	Location	Distance [c] (miles)	Sector
143	IR	SITE BOUNDARY	0.27	NW	164	OR	HAMBRIGHT & BEATTIES FORD ROAD	4.64	SSE
144	IR	SITE BOUNDARY	0.46	NNE	165	OR	ARTHER AUTEN ROAD	4.57	S
145	IR	SITE BOUNDARY	0.47	NE	166	OR	NECK ROAD REFUGE BOUNDARY	4.44	SSW
146	IR	SITE BOUNDARY	0.42	ENE	167	OR	LUCIA RIVERBEND HWY/OLD FIREHOUSE	4.87	SW
147	IR	SITE BOUNDARY	0.44	E	168	OR	OLD PLANK ROAD BRIDGE	4.60	WSW
148	IR	SITE BOUNDARY	0.46	ESE	169	OR	GLOVER LANE	4.03	W
149	IR	SITE BOUNDARY	0.50	SE	170	OR	LITTLE EGYPT ROAD	4.32	WNW
151	IR	SITE BOUNDARY	0.37	S	171	OR	OLD HWY 16	3.95	NW
152	IR	SITE BOUNDARY	0.44	SSW	172	OR	LAKESHORE S RD ISLAND VIEW COURT	4.69	NNW
153	IR	SITE BOUNDARY	0.47	SW	173	SI	KEISTLER STORE / GLENWOOD ROAD	8.39	NNW
154	IR	SITE BOUNDARY	0.45	W	174	SI	EAST LINCOLN JR. HIGH SCHOOL	8.85	WNW
156	IR	SITE BOUNDARY	0.44	WNW	175	C	BOGER CITY	15.5	WNW
189	IR	SITE BOUNDARY	0.43	SSE	177	SI	BELMARROW RD / COULWOOD	8.77	S
190	IR	SITE BOUNDARY	0.37	WSW	178	SI	APPROX. 0.25 MI. NORTH OF LAKEVIEW RD/ DAVID COX RD ON HWY 115	9.36	SE
157	OR	THE POINTE/ MOORESVILLE	4.69	N	180	SI	MOORESVILLE WATER TREATMENT FACILITY	12.7	NNE
158	OR	BETHEL CHURCH RD	4.33	NNE	181	SI	OLD DAVIDSON WATER FACILITY	7.02	NE
159	OR	HENDERSON ROAD	4.77	NE	182	SI	CORNELIUS / AIR SITE # 133	6.23	ENE
160	OR	INTERSECTION OF HWY 21 & WESTMORELAND RD	4.89	ENE	186	SI	MCGUIRE FISHING ACCESS ROAD ON PENINSULA	0.24	NNW
161	OR	SAM FURR ROAD & HWY 21	4.70	E	187	SI	ENERGY EXPLORIUM / AIR SITE # 195	0.19	N
162	OR	RANSON ROAD	4.53	ESE	191	SI	PENINSULA DEV. / JOHN CONNOR ROAD	2.84	NNE
163	OR	MCCOY ROAD	4.94	SE					

(a) The purpose of this sample is to obtain background information. If it is not practical to establish control locations in accordance with the distance and wind direction criteria, other sites that provide valid background data may be substituted.

(b) One or more instruments, such as a pressurized ion chamber, for measuring and recording dose rate continuously may be used in place of, or in addition to, integrating dosimeters. For the purposes of this table, a thermoluminescent dosimeter (TLD) is considered to be one phosphor; two or more phosphors in a packet are considered as two or more dosimeters. Film badges shall not be used as dosimeters for measuring direct radiation. The forty stations is not an absolute number. The number of direct radiation monitoring stations may be reduced according to geographical limitations; e.g., at an ocean site, some sections will be over water so that the number of dosimeters may be reduced accordingly. The frequency of analysis or readout for TLD systems will depend upon the characteristics of the specific system used and should be selected to obtain optimum dose information with minimal fading.

(c) GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.

TABLE 2.2-A

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES

Analysis	Water (pCi/liter)	Air Particulates or Gases (pCi/m^3)	Fish (pCi/kg-wet)	Milk (pCi/liter)	BroadLeaf Vegetation (pCi/kg-wet)
H-3	20,000 [(a)(b)]				
Mn-54	1,000		30,000		
Fe-59	400		10,000		
Co-58	1,000		30,000		
Co-60	300		10,000		
Zn-65	300		20,000		
Zr-Nb-95	400				
I-131	2	0.9		3	100
Cs-134	30	10	1,000	60	1,000
Cs-137	50	20	2,000	70	2,000
Ba-La-140	200			300	

(a) For drinking water samples. This is 40CFR Part 141 value. If no drinking water pathway exists, a value of 30,000 pCi/liter may be used.
(b) H-3 Reporting level not applicable to surface water

TABLE 2.2-B

REMP ANALYSIS FREQUENCY

Sample Medium	Analysis Schedule	Gamma Isotopic [d]	Tritium	Low Level I-131	Gross Beta	TLD
Air Radioiodine	Weekly	X				
Air Particulate	Weekly				(c)	
	Quarterly Composite	X				
Direct Radiation (TLD)	Quarterly					X
Surface Water	Monthly Composite[e]	X				
	Quarterly Composite		X			
Drinking Water	Monthly Composite[e]	X		(a)	X	
	Quarterly Composite		X			
Shoreline Sediment	Semiannually	X				
Milk[g]	Semimonthly	X		X		
Fish	Semiannually	X				
Broadleaf Vegetation	Monthly[b]	X				
Food Products[h]	Monthly[f]	X				

(a) Low-level I-131 analysis will be performed if the dose calculated for the consumption of drinking water is > 1 mrem per year. An LLD of 1 pCi/liter will be required for this analysis.
(b) When Available.
(c) Airborne particulate sample filters shall be analyzed for gross beta radioactivity 24 hours or more after sampling to allow for radon and thoron daughter decay. If gross beta activity in air particulate samples is greater than ten times the yearly mean of control samples, gamma isotopic analysis shall be performed on the individual samples.
(d) Gamma isotopic analysis means the identification and quantification of gamma-emitting radionuclides that may be attributable to the effluents from the facility.
(e) A composite sample is one in which the quantity (aliquot) of liquid sampled is proportional to the quantity of flowing liquid and in which the method of sampling employed results in a specimen that is representative of the liquid flow. In this program composite sample aliquots shall be collected at time intervals that are very short (e.g., hourly) relative to the compositing period (e.g., monthly) in order to assure obtaining a representative sample.
(f) If harvest occurs more than once a year, sampling shall be performed during each discrete harvest. If harvest occurs continuously, sampling shall be monthly. Attention shall be paid to including samples of tuberous and root food products.
(g) Lowman Farms was closed, removed as a site, and a replacement control milk location could not be located. Change initiated in MNS ODCM Revision 62 on June 10, 2024.
(h) Irrigated garden at location 155 was no longer available, removed, and a replacement could not be located. Change initiated in MNS ODCM Revision 62 on June 10, 2024.

TABLE 2.2-C

MAXIMUM VALUES FOR THE *A PRIORI* LOWER LIMITS OF DETECTION [(c)(d)]

Analysis	Water (pCi/liter)	Air Particulates or Gases (pCi/m^3)	Fish (pCi/kg-wet)	Milk (pCi/liter)	BroadLeaf Vegetation (pCi/kg-wet)	Sediment (pCi/kg-dry)
Gross Beta	4	0.01				
H-3	2,000 [(a)]					
Mn-54	15		130			
Fe-59	30		260			
Co-58, 60	15		130			
Zn-65	30		260			
Zr-Nb-95	15					
I-131	1 [(b)]	0.07		1	60	
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140	15			15		

(a) If no drinking water pathway exists, a value of 3,000 pCi/liter may be used.
(b) If no drinking water pathway exists, the LLD of gamma isotopic analysis may be used.
(c) Lower Limit of Detection is defined in Section 2.3.2
(d) This list does not mean that only these nuclides are to be considered. Other peaks that are identifiable, together with those of the above nuclides, shall also be analyzed and reported in the Annual Radiological Environmental Operating Report.

3.0 INTERPRETATION OF RESULTS

Review of 2024 REMP analysis results were performed to detect and identify changes in environmental levels as a result of station operation. The radionuclides with Selected Licensee Commitments reporting levels that indicate consistent detectable activity have been historically trended from preoperation to present. Analyses from 1977 - 1978 have been excluded since these results were much higher than the other preoperational years due to outside influences such as weapons testing. The preoperational analyses from 1981 were combined with the operational analyses from the latter part of 1981 and averaged to give one concentration for each radionuclide for that year. Summary tables containing 2024 information required by Technical Specification Administrative Control 5.6.2 are located in Appendix B. McGuire 2024 REMP results are located in Appendix E.

The highest annual mean concentration of applicable Selected Licensee Commitments radionuclides from the indicator locations for each media type was used for trending purposes. Trending was performed by comparing annual mean concentrations to historical results. Factors evaluated include the frequency of detection and the concentration in terms of the percent of the radionuclide's SLC reporting level (Table 2.2-A). All maximum percent of reporting level values attributable to MNS plant operation were well below the 100% action level. The highest value attributable to MNS plant operations during 2024 was 3.17% for drinking water tritium at the North Mecklenburg Water Treatment Facility (Location 101). Only Selected Licensee Commitments radionuclides were detected in 2024.

Ground water monitoring wells located on the MNS site are part of the Nuclear Energy Institute (NEI) 07-07 radiological groundwater monitoring wells and are reported in the MNS Annual Radioactive Effluent Release Report (ARERR). NEI 07-07 was developed to describe the industry's Ground Water Protection Initiative. NEI 07-07 radiological groundwater monitoring wells are used to assure timely detection and effective response to situations involving inadvertent radiological releases to ground water to prevent migration of licensed radioactive material off-site and to quantify impacts on decommissioning. These monitoring wells are not used for Radiological Environmental Monitoring Program (REMP), because they do not monitor water supply for drinking or irrigation purposes. These are not REMP wells because there is no dose associated with this pathway. The McGuire site is bounded to the west by the Catawba River channel and the hydraulic gradient for McGuire flows toward the Catawba River. Sentinel wells are installed and monitored at regular intervals for early detection purposes (NCR # 02035750).

Changes in sample location, analytical technique, and presentation of results must be considered when reviewing for trends. Calculation of the annual mean concentrations has been performed differently over the history of the REMP. During 1979-1986, all net results (sample minus background) positive and negative, were included in the calculation of the mean. Only positive net activity results were used to calculate the mean for the other years. All negative values were replaced with a zero for calculational and graphical purposes to properly represent environmental conditions. A change in gamma spectroscopy analysis systems in 1987 ended a period when many measurements yielded detectable low-level activity for both indicator and control location samples. It is possible that the method the previous system used to estimate net activity may have been vulnerable to false-positive results.

This section includes tables and graphs containing the highest annual mean concentrations of any effluent related radionuclide detected since the change in analysis systems in 1987. Any zero concentrations used in tables or graphs represent activity measurements less than detectable levels. Only the specific radionuclides that represent the highest dose contributors or demonstrate consistent detectable activity are shown graphically.

Data presented in Sections 3.1 through 3.9 support the conclusion that there was no significant increase in radioactivity in the environment around McGuire Nuclear Station due to station operations in 2024. Similarly, there was no significant increase in ambient background radiation levels in the surrounding areas. The 2024 land use census data, shown in Section 3.10, indicates that no program changes are required as a result of the census.

3.1 AIRBORNE RADIOIODINE AND PARTICULATES

Airborne particulate and radioiodine samples at each of seven ODCM locations were composited continuously by means of continuous air samplers. Location 121, Guardhouse (0.47 miles NE, indicator) was supplemental, not SLC required, and removed to improve program efficiency. This change was initiated when MNS ODCM was updated to Revision 63 on June 24, 2024 (DRR# 02519501). The last sample period collected for Location 121 was 24JUN2024 - 1JUL2024 to complete the data for the quarter.

Air particulates were collected on a particulate filter and radioiodine were collected in a charcoal cartridge positioned behind the filter in the sampler. The samplers are designed to operate at a constant flow rate (in order to compensate for any filter loading) and are set to sample approximately 2 cubic feet per minute. Filters and cartridges were collected weekly.

In 2024, 338 radioiodine and particulate samples were analyzed, 286 from 6 indicator locations and 52 from the control location. Particulate samples were analyzed weekly for gross beta. A quarterly gamma analysis was performed on the quarterly filter composite (by location). The radioiodine samples received a weekly gamma analysis. K-40 and Be-7 were observed in air samples and are naturally occurring radionuclides.

Gross beta analyses indicated 2.33E-2 pCi/m^3 at the location with the highest annual mean and 2.19E-2 pCi/m^3 at the control location. No gross beta activity in air particulate samples was greater than ten times the yearly mean of the control samples. No detectable gamma activity attributable to MNS plant operation was detected in any air samples in 2024 and has not been detected since 2004. Figure 3.1 shows gross beta highest annual mean indicator and control location concentrations since 1985. There is no reporting level for gross beta. Table 3.1-A shows indicator and control location highest annual means for Cs-137 and gross beta.

Table 3.1-B gives indicator location highest annual means and control means since 1979 for I-131. No I-131 activity due to MNS plant operation has been detected since 1989. Since no activity was detected in 2024, no reporting levels were approached.

Figure 3.1

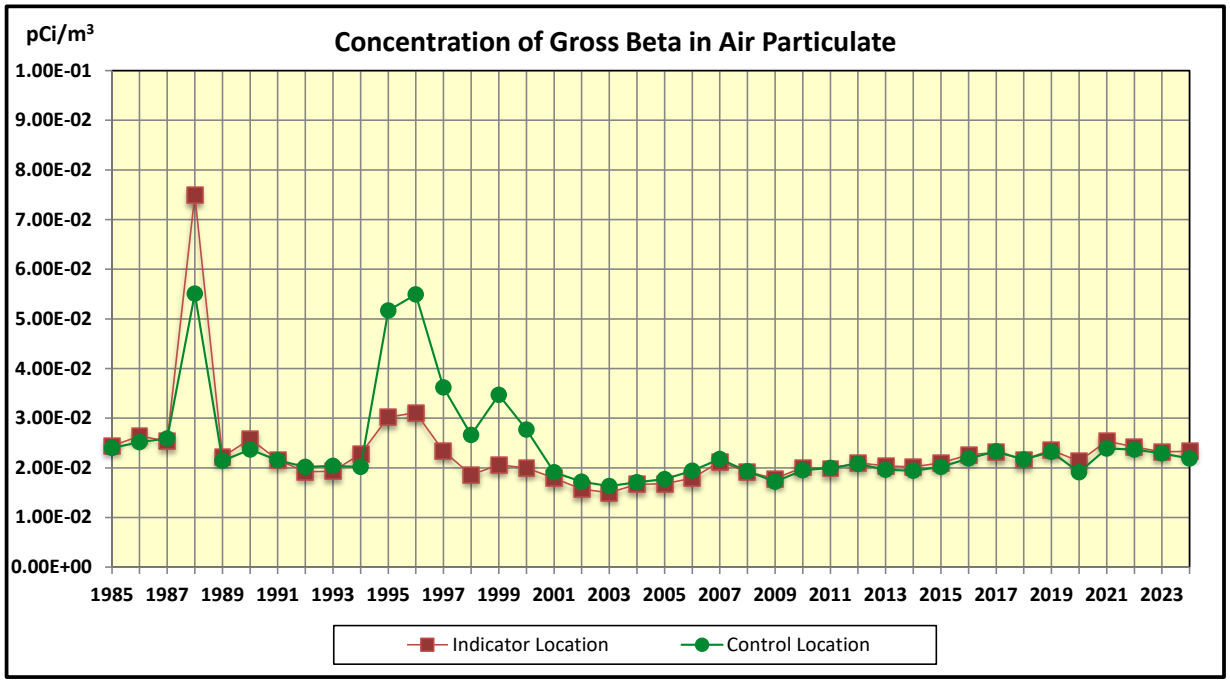

pCi/m³
Concentration of Gross Beta in Air Particulate
1.00E-01
9.00E-02
8.00E-02
7.00E-02
6.00E-02
5.00E-02
4.00E-02
3.00E-02
2.00E-02
1.00E-02
0.00E+00
1985 1987 1989 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017 2019 2021 2023
Indicator Location
Control Location

Table 3.1-A Mean Concentrations of Radionuclides in Air Particulate

YEAR	Cs-137 Indicator (pCi/m^3)	Cs-137 Control (pCi/m^3)	Beta Indicator (pCi/m^3)	Beta Control (pCi/m^3)
1979*	4.40E-3	1.47E-3	Not Performed	Not Performed
1980*	6.70E-3	4.53E-3	Not Performed	Not Performed
1981*	6.16E-3	5.32E-3	Not Performed	Not Performed
1982*	3.82E-3	2.29E-3	Not Performed	Not Performed
1983*	2.93E-3	3.21E-3	Not Performed	Not Performed
1984	1.74E-3	8.29E-4	Not Performed	Not Performed
1985	1.86E-3	1.32E-3	2.44E-2	2.40E-2
1986	4.98E-3	3.03E-3	2.64E-2	2.52E-2
1987(1)	1.07E-2	7.91E-3	2.54E-2	2.59E-2
1988	0.00E0	0.00E0	7.49E-2	5.51E-2
1989	0.00E0	0.00E0	2.22E-2	2.14E-2
1990	0.00E0	0.00E0	2.58E-2	2.37E-2
1991	0.00E0	0.00E0	2.16E-2	2.15E-2
1992	0.00E0	0.00E0	1.92E-2	2.02E-2
1993	0.00E0	0.00E0	1.93E-2	2.04E-2
1994	0.00E0	0.00E0	2.28E-2	2.02E-2
1995	0.00E0	0.00E0	3.02E-2	5.17E-2
1996	0.00E0	0.00E0	3.11E-2	5.49E-2
1997	0.00E0	0.00E0	2.34E-2	3.62E-2
1998	0.00E0	0.00E0	1.86E-2	2.66E-2
1999	0.00E0	0.00E0	2.06E-2	3.47E-2
2000	0.00E0	0.00E0	2.00E-2	2.77E-2
2001	0.00E0	0.00E0	1.79E-2	1.91E-2
2002	0.00E0	0.00E0	1.57E-2	1.72E-2
2003	0.00E0	0.00E0	1.50E-2	1.63E-2
2004(2)	0.00E0	0.00E0	1.67E-2	1.71E-2
2005	0.00E0	0.00E0	1.68E-2	1.77E-2
2006	0.00E0	0.00E0	1.79E-2	1.94E-2
2007	0.00E0	0.00E0	2.12E-2	2.18E-2
2008	0.00E0	0.00E0	1.92E-2	1.93E-2
2009	0.00E0	0.00E0	1.79E-2	1.76E-2
2010	0.00E0	0.00E0	2.01E-2	1.95E-2
2011(3)	7.06E-3	0.00E0	1.99E-2	2.00E-2
2012	0.00E0	0.00E0	2.10E-2	2.08E-2
2013	0.00E0	0.00E0	2.04E-2	1.96E-2
2014(4)	0.00E0	0.00E0	2.02E-2	1.94E-2
2015	0.00E0	0.00E0	2.10E-2	2.02E-2
2016	0.00E0	0.00E0	2.26E-2	2.19E-2
2017	0.00E0	0.00E0	2.31E-2	2.33E-2
2018	0.00E0	0.00E0	2.17E-2	2.17E-2
2019	0.00E0	0.00E0	2.36E-2	2.32E-2
2020	0.00E0	0.00E0	2.13E-2	1.91E-2
2021	0.00E0	0.00E0	2.54E-2	2.39E-2
2022	0.00E0	0.00E0	2.42E-2	2.37E-2
2023	0.00E0	0.00E0	2.32E-2	2.29E-2
2024	0.00E0	0.00E0	2.33E-2	2.19E-2

0.00E0 indicates no detectable measurements

* Radioiodine and Particulates analyzed together

(1) 1987 – Gamma spectroscopy system change

(2) 2004 – Gamma Activity observed, NCR # 01552730

(3) 2011 – Concentration affected by Fukushima Daiichi

(4) 2014 – Gamma spectroscopy system was replaced 10JUL2014 No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

Table 3.1-B Mean Concentrations of Air Radioiodine (I-131)

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1979*	3.28E-3	1.04E-3
1980*	2.01E-3	1.10E-3
1981*	4.17E-3	6.27E-4
1982*	1.42E-3	2.48E-3
1983*	1.99E-3	2.01E-4
1984	3.17E-3	0.00E0
1985	3.15E-3	1.04E-3
1986	1.27E-2	6.10E-3
1987(1)	1.07E-2	6.60E-3
1988	0.00E0	0.00E0
1989	2.18E-2	0.00E0
1990	0.00E0	0.00E0
1991	0.00E0	0.00E0
1992	0.00E0	0.00E0
1993	0.00E0	0.00E0
1994	0.00E0	0.00E0
1995	0.00E0	0.00E0
1996	0.00E0	0.00E0
1997	0.00E0	0.00E0
1998	0.00E0	0.00E0
1999	0.00E0	0.00E0
2000	0.00E0	0.00E0
2001	0.00E0	0.00E0
2002	0.00E0	0.00E0
2003	0.00E0	0.00E0
2004	0.00E0	0.00E0
2005	0.00E0	0.00E0
2006	0.00E0	0.00E0
2007	0.00E0	0.00E0
2008	0.00E0	0.00E0
2009	0.00E0	0.00E0
2010	0.00E0	0.00E0
2011(2)	6.00E-2	5.46E-2
2012	0.00E0	0.00E0
2013	0.00E0	0.00E0
2014(3)	0.00E0	0.00E0
2015	0.00E0	0.00E0
2016	0.00E0	0.00E0
2017	0.00E0	0.00E0
2018	0.00E0	0.00E0
2019	0.00E0	0.00E0
2020	0.00E0	0.00E0
2021	0.00E0	0.00E0
2022	0.00E0	0.00E0
2023	0.00E0	0.00E0
2024	0.00E0	0.00E0

0.00E0 indicates no detectable measurements

* Radioiodine and Particulate analyzed together.

(1) 1987 – Gamma spectroscopy system change

(2) 2011– Concentration affected by Fukushima Daiichi

(3) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.2 DRINKING WATER

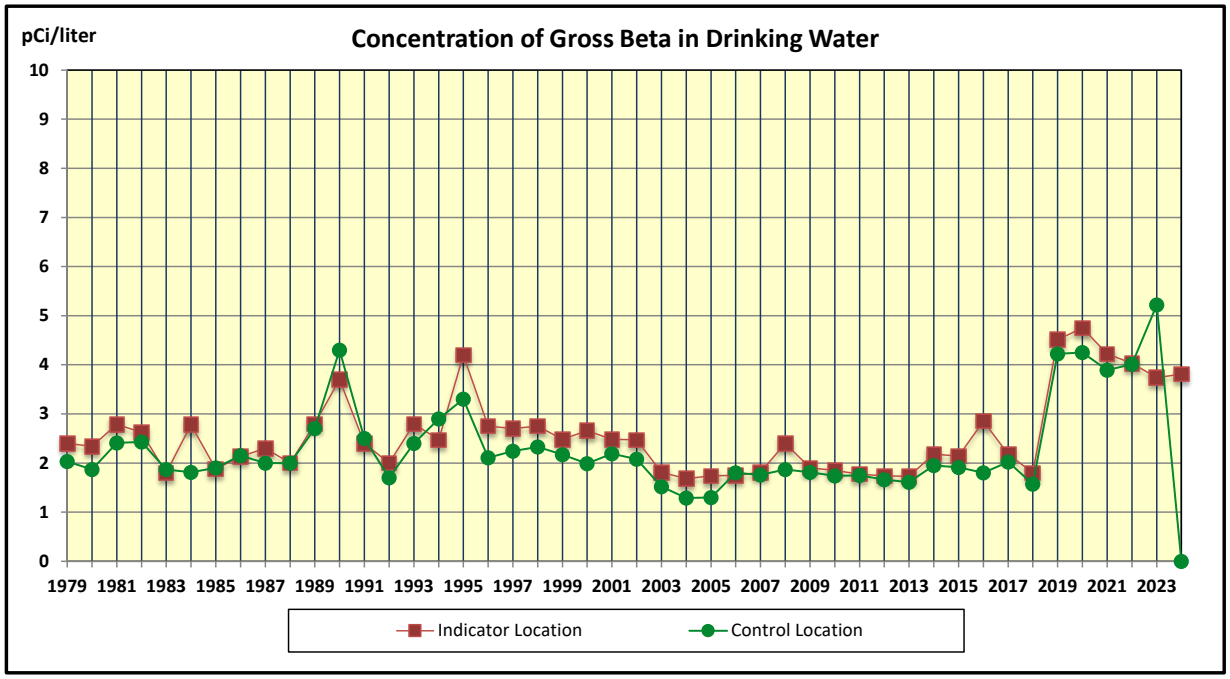
In 2024, 59 drinking water samples were analyzed for gross beta and gamma emitting radionuclides. Forty-six samples were collected from the 4 indicator locations and 13 from the control location. Location 194, East Lincoln County Water Supply (6.73 miles NNW, indicator) was supplemental, not SLC required, and removed to improve program efficiency. This change was initiated when MNS ODCM was updated to Revision 63 on June 24, 2024 (DRR# 02519501). The last sample period collected for Location 121 was 10JUN2024 - 8JUL2024 to complete the data for the quarter. Monthly composite samples were collected and received a gross beta and gamma analysis. These samples were composited to create 18 quarterly composite period samples for tritium analysis.

No detectable gamma activity attributable to MNS plant operation was found in drinking water samples in 2024 and has not been detected since 1987. K-40 and Be-7 were observed in some drinking water samples and are naturally occurring radionuclides.

Figure 3.2-1 and Table 3.2 shows highest annual mean gross beta concentrations for the indicator location and control location since preoperation. Gross beta analyses indicated 3.81 pCi/l at the location with the highest annual mean and no measurable activity at the control location. The gross beta mean indicator activity and mean control activity increased in 2019 due to an analytical method change affecting analytical sensitivities (NCR # 02303031).

Tritium was detected in 12 of the 14 indicator composite samples taken in 2024. The 2024 highest mean indicator tritium concentration from location 101 was 634 pCi/liter, which is 3.17 % of the 20,000 pCi/l tritium reporting level. Tritium was not detected in any of the four control location samples. The dose for consumption of water was less than one mrem per year, historically and for 2024; therefore, low-level iodine analysis is not required. Figure 3.2-2 shows tritium highest annual mean indicator and control location concentrations with comparisons to the 20% reporting level. Table 3.2 gives indicator location highest annual means and control means since 1979 for tritium and gross beta. There is no reporting level for gross beta.

Figure 3.2-1



Analytical method change implemented in 2019.

Figure 3.2-2

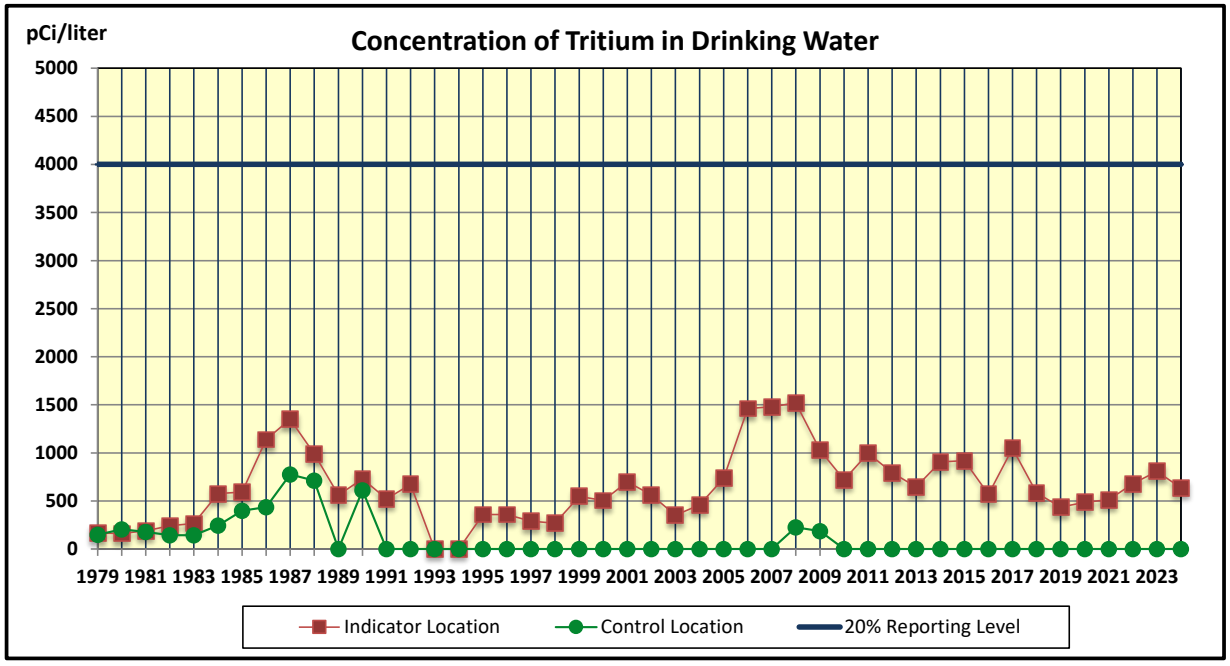


Table 3.2 Mean Concentrations of Radionuclides in Drinking Water

YEAR	Gross Beta (pCi/l)		Tritium (pCi/l)	
	Indicator Location	Control Location	Indicator Location	Control Location
1979	2.40E0	2.03E0	1.65E2	1.50E2
1980	2.34E0	1.87E0	1.63E2	2.05E2
1981	2.79E0	2.41E0	1.88E2	1.78E2
1982	2.62E0	2.43E0	2.43E2	1.45E2
1983	1.80E0	1.87E0	2.65E2	1.45E2
1984	2.78E0	1.81E0	5.77E2	2.45E2
1985	1.88E0	1.90E0	5.93E2	4.00E2
1986	2.13E0	2.15E0	1.14E3	4.37E2
1987	2.30E0	2.00E0	1.35E3	7.75E2
1988	2.00E0	2.00E0	9.92E2	7.11E2
1989	2.80E0	2.70E0	5.62E2	0.00E0
1990	3.70E0	4.30E0	7.32E2	6.11E2
1991	2.40E0	2.50E0	5.22E2	0.00E0
1992	2.00E0	1.70E0	6.73E2	0.00E0
1993	2.80E0	2.40E0	0.00E0	0.00E0
1994	2.47E0	2.90E0	0.00E0	0.00E0
1995	4.20E0	3.30E0	3.58E2	0.00E0
1996	2.75E0	2.11E0	3.60E2	0.00E0
1997	2.70E0	2.24E0	2.90E2	0.00E0
1998	2.75E0	2.33E0	2.68E2	0.00E0
1999(1)	2.48E0	2.17E0	5.49E2	0.00E0
2000	2.66E0	1.99E0	5.04E2	0.00E0
2001	2.48E0	2.19E0	6.98E2	0.00E0
2002	2.47E0	2.08E0	5.64E2	0.00E0
2003	1.81E0	1.52E0	3.51E2	0.00E0
2004	1.68E0	1.29E0	4.61E2	0.00E0
2005	1.74E0	1.30E0	7.35E2	0.00E0
2006(2)	1.75E0	1.80E0	1.46E3	0.00E0
2007(3)	1.81E0	1.76E0	1.48E3	0.00E0
2008(3)	2.40E0	1.87E0	1.52E3	2.26E2
2009	1.90E0	1.81E0	1.03E3	1.86E2
2010	1.85E0	1.74E0	7.20E2	0.00E0
2011	1.77E0	1.75E0	9.97E2	0.00E0
2012	1.74E0	1.66E0	7.95E2	0.00E0
2013	1.73E0	1.61E0	6.47E2	0.00E0
2014	2.18E0	1.95E0	9.07E2	0.00E0
2015	2.14E0	1.91E0	9.19E2	0.00E0
2016	2.85E0	1.80E0	5.69E2	0.00E0
2017	2.18E0	2.02E0	1.05E3	0.00E0
2018	1.80E0	1.57E0	5.85E2	0.00E0
2019(4)	4.51E0	4.22E0	4.36E2	0.00E0
2020	4.75E0	4.25E0	4.87E2	0.00E0
2021	4.22E0	3.89E0	5.12E2	0.00E0
2022	4.03E0	4.01E0	6.82E2	0.00E0
2023	3.74E0	5.22E0	8.07E2	0.00E0
2024	3.81E0	0.00E0	6.34E2	0.00E0

0.00E0 indicates no detectable measurements

(1) Location 101 added to the REMP

(2) Increase in tritium releases due to silica removal from spent fuel pools resulting in additional water volume release.

(3) Extreme drought conditions affecting the Catawba River Basin resulting in less dilution volume

(4) Gross beta preparation/analysis methodology change (NCR # 02303031)

3.3 SURFACE WATER

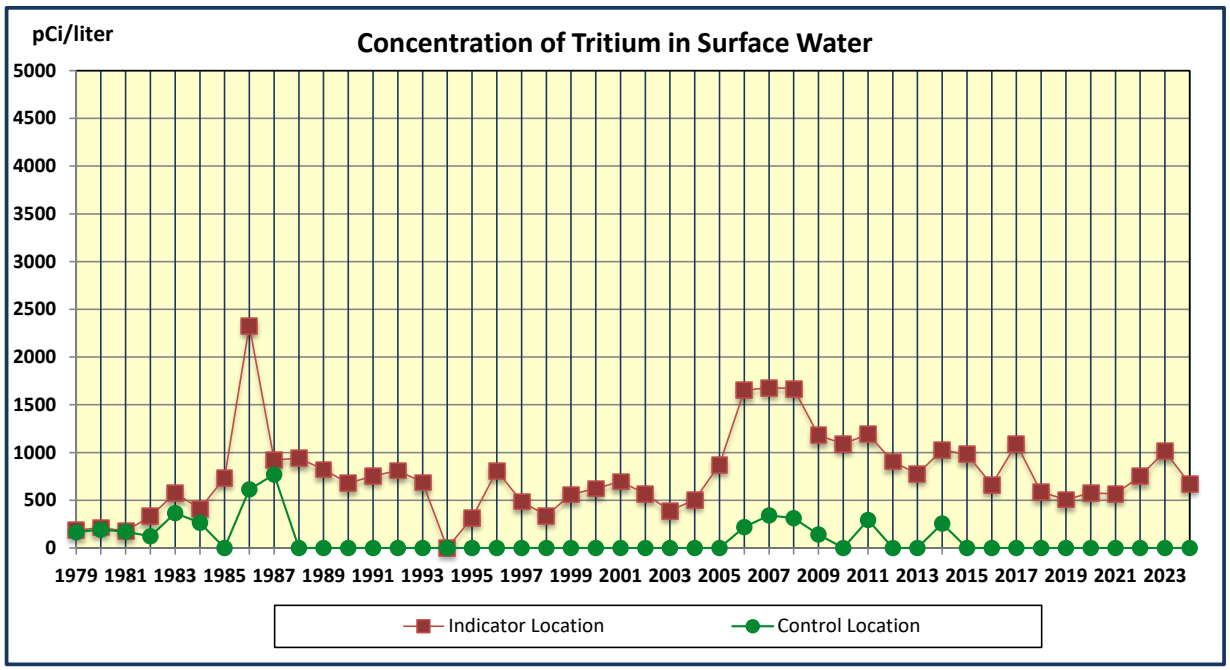
In 2024, 39 surface water samples were analyzed for gamma emitting radionuclides, 26 at the 2 indicator locations and 13 at the control location. Monthly composite samples were collected and received a gamma analysis. The samples were composited to create 12 quarterly composite period samples for tritium analysis.

As an enhancement to the REMP, battery powered composite water samplers connected to solar panels were tested for two years in tandem (same physical location) with the electrical grid powered composite water samplers at MNS surface water locations 128 (Discharge Canal Bridge 0.45 miles NE) and 135 (Plant Marshall Intake 11.9 miles N). The battery/solar powered composite samplers were found to be more reliable with no deviations to the REMP whereas the electrical grid powered composite water samplers had several deviations due to power interruptions. This study was presented to MNS Station Sciences REMP Staff and it was agreed that the electrical grid powered composite samplers would be retired in place as of 5SEP2023. The electrical grid composite samplers remain in place, as well as the submersible pump with the reservoir overflowing so they can be utilized if required (NCR# 02482341).

No detectable gamma activity attributable to MNS plant operation was found in surface water samples in 2024 and has not been detected since 1988. K-40 and Be-7 were observed in some surface water samples and are naturally occurring radionuclides. Tritium was detected in all 8 indicator composite samples taken in 2024. The 2024 average concentration was 522 pCi/liter. The individual samples ranged from 285 to 819 pCi/liter. Location 128 had the highest annual mean concentration of tritium, 6.72E2 pCi/liter. Tritium was not detected in any of the 4 control location composite samples in 2024.

Figure 3.3 shows tritium highest annual mean indicator and control location concentrations. Table 3.3 gives indicator and control location highest annual means since 1979 for tritium.

Figure 3.3



There is no reporting level for tritium in surface water

Table 3.3 Mean Concentrations of Tritium in Surface Water

YEAR	H-3 Indicator (pCi/l)	H-3 Control (pCi/l)
1979	1.85E2	1.66E2
1980	2.13E2	1.93E2
1981	1.75E2	1.70E2
1982	3.30E2	1.23E2
1983	5.75E2	3.67E2
1984	4.10E2	2.65E2
1985	7.33E2	0.00E0
1986	2.33E3	6.13E2
1987	9.20E2	7.70E2
1988	9.40E2	0.00E0
1989	8.22E2	0.00E0
1990	6.77E2	0.00E0
1991	7.53E2	0.00E0
1992	8.13E2	0.00E0
1993	6.85E2	0.00E0
1994	0.00E0	0.00E0
1995	3.15E2	0.00E0
1996	8.08E2	0.00E0
1997	4.85E2	0.00E0
1998	3.40E2	0.00E0
1999	5.60E2	0.00E0
2000	6.22E2	0.00E0
2001	6.98E2	0.00E0
2002	5.65E2	0.00E0
2003	3.91E2	0.00E0
2004	5.04E2	0.00E0
2005	8.74E2	0.00E0
2006(1)	1.65E3	2.19E2
2007(2)	1.68E3	3.42E2
2008(2)	1.67E3	3.13E2
2009	1.18E3	1.41E2
2010	1.09E3	0.00E0
2011	1.19E3	2.94E2
2012	9.06E2	0.00E0
2013	7.73E2	0.00E0
2014	1.03E3	2.57E2
2015	9.79E2	0.00E0
2016	6.63E2	0.00E0
2017	1.09E3	0.00E0
2018	6.85E2	0.00E0
2019	5.07E2	0.00E0
2020	5.76E2	0.00E0
2021	5.67E2	0.00E0
2022	7.50E2	0.00E0
2023	1.01E3	0.00E0
2024	6.72E2	0.00E0

0.00E0 indicates no detectable measurements

(1) Increase in tritium releases due to silica removal from spent fuel pools resulting in additional water volume release.

(2) Extreme drought conditions affecting the Catawba River Basin resulting in less dilution volume

3.4 MILK

In 2024, 10 milk samples from the control location were analyzed for low level I-131 and other gamma emitting radionuclides. Biweekly grab samples were collected at one location and each received a gamma and low-level Iodine-131 (LLI-131) analysis. The last control sample was collected 6MAY2024 due to the closure of control milk location 142, Lowman Farms (NCR# 02516748). A replacement control dairy could not be located during the 2024 MNS Land Use Census. This change was initiated when MNS ODCM was updated to Revision 62 on June 10, 2024. No indicator dairies were sampled during 2024 and none were identified by the 2024 land use census.

There were no gamma emitting radionuclides due to MNS plant operations identified in milk samples in 2024. Cs-137 is the only radionuclide, other than naturally occurring, reported in milk samples since 1990 (excluding Fukushima Daiichi). Cs-137 in milk is not unusual. It is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed periodically in samples from indicator and control locations since the preoperational period.

Table 3.4 gives indicator location highest annual means and control means since 1979 for Cs-137. Since no Cs-137 was detected in 2024, no reporting levels were approached.

K-40 was observed in some milk samples and is a naturally occurring radionuclide.

Table 3.4 Mean Concentrations of Cs-137 in Milk

YEAR	Cs-137 Indicator (pCi/l)	Cs-137 Control (pCi/l)
1979	2.48E1	6.04E0
1980	1.72E1	4.13E0
1981	2.04E1	4.15E0
1982	1.21E1	5.20E0
1983	2.01E1	2.82E0
1984	1.48E1	2.56E0
1985	1.42E1	2.72E0
1986	3.74E0	3.45E0
1987(1)	5.20E0	8.60E0
1988	3.40E0	2.90E0
1989	6.00E0	5.60E0
1990	5.30E0	2.60E0
1991	0.00E0	0.00E0
1992	0.00E0	0.00E0
1993	0.00E0	0.00E0
1994	0.00E0	0.00E0
1995	0.00E0	0.00E0
1996	0.00E0	0.00E0
1997	0.00E0	0.00E0
1998	0.00E0	0.00E0
1999	0.00E0	0.00E0
2000	0.00E0	0.00E0
2001	0.00E0	0.00E0
2002	No Indicator Location	0.00E0
2003	No Indicator Location	0.00E0
2004	No Indicator Location	0.00E0
2005	No Indicator Location	0.00E0
2006	No Indicator Location	0.00E0
2007	No Indicator Location	0.00E0
2008	No Indicator Location	0.00E0
2009	No Indicator Location	0.00E0
2010	No Indicator Location	0.00E0
2011	No Indicator Location	0.00E0
2012	No Indicator Location	0.00E0
2013	No Indicator Location	0.00E0
2014(2)	No Indicator Location	0.00E0
2015	No Indicator Location	0.00E0
2016	No Indicator Location	0.00E0
2017	No Indicator Location	0.00E0
2018	No Indicator Location	0.00E0
2019	No Indicator Location	0.00E0
2020	No Indicator Location	0.00E0
2021	No Indicator Location	0.00E0
2022	No Indicator Location	0.00E0
2023	No Indicator Location	0.00E0
2024	No Indicator Location	0.00E0

0.00E0 indicates no detectable measurements

(1) 1987 – Gamma spectroscopy system change

(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.5 BROADLEAF VEGETATION

In 2024, 48 broadleaf vegetation samples were analyzed, 36 at the three indicator locations and 12 at the control location. Monthly samples were collected as available and each received a gamma analysis.

There were no gamma emitting radionuclides attributable to MNS plant operation identified in any indicator or control location broadleaf vegetation samples in 2024. Cs-137 is the only radionuclide, other than naturally occurring, reported in vegetation samples since the change in gamma spectroscopy analysis systems in 1987. No airborne Cs-137 has been released from the plant since 1998.

It is not unusual for Cs-137 to be present in vegetation. It is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed in samples from indicator and control locations since the preoperational period. Table 3.5 lists the highest indicator location annual mean and control location annual mean for Cs-137 since early in the station's operational history. Visual inspection of the tabular data did not reveal any increasing trends.

K-40 and Be-7 were observed in broadleaf vegetation samples and are naturally occurring radionuclides.

Table 3.5 Mean Concentrations of Cs-137 in Broadleaf Vegetation

YEAR	Cs-137 Indicator (pCi/kg)	Cs-137 Control (pCi/kg)
1979	2.19E1	1.93E1
1980	2.30E1	1.92E1
1981	3.04E1	2.02E1
1982	2.46E1	1.22E1
1983	9.07E0	7.85E0
1984	1.02E1	1.05E1
1985	8.05E0	2.37E-2
1986	4.03E1	1.27E1
1987(1)	2.20E1	1.70E1
1988	3.90E1	3.40E1
1989	9.60E1	0.00E0
1990	4.00E1	0.00E0
1991	3.30E1	0.00E0
1992	4.90E1	0.00E0
1993	1.60E1	0.00E0
1994	0.00E0	0.00E0
1995	0.00E0	0.00E0
1996	0.00E0	0.00E0
1997	0.00E0	0.00E0
1998	0.00E0	2.69E1
1999	0.00E0	0.00E0
2000	0.00E0	0.00E0
2001	0.00E0	0.00E0
2002	0.00E0	0.00E0
2003	0.00E0	0.00E0
2004	0.00E0	0.00E0
2005	0.00E0	0.00E0
2006	2.98E1	0.00E0
2007	1.34E1	0.00E0
2008	0.00E0	0.00E0
2009	0.00E0	0.00E0
2010	0.00E0	0.00E0
2011(2)	2.29E1	0.00E0
2012	0.00E0	0.00E0
2013	0.00E0	0.00E0
2014(3)	0.00E0	0.00E0
2015	0.00E0	0.00E0
2016	1.22E1	0.00E0
2017	3.03E1	0.00E0
2018	0.00E0	0.00E0
2019	0.00E0	0.00E0
2020	0.00E0	0.00E0
2021	0.00E0	0.00E0
2022	0.00E0	0.00E0
2023	0.00E0	0.00E0
2024	0.00E0	0.00E0

0.00E0 indicates no detectable measurements
(1) 1987 – Gamma spectroscopy system change
(2) 2011 – Concentration affected by Fukushima Daiichi
(3) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.6 FOOD PRODUCTS

In 2024, 4 food products (crops) samples were analyzed from 1 indicator irrigated garden location. Monthly samples were collected as available and each received a gamma analysis. The last indicator sample was collected 1APR2024 due to the closure of the irrigated garden at location 155, Island Forest Drive (NCR# 02515176). A replacement irrigated garden could not be located during the 2024 MNS Land Use Census. This change was initiated when MNS ODCM was updated to Revision 62 on June 10, 2024. There is no control location for this media.

No detectable activity attributable to MNS station operation has been detected in this media since 1987. Table 3.6 shows Cs-137 indicator highest annual means with preoperational data. Since no activity was detected in 2024, no reporting levels were approached.

K-40 and Be-7 were observed in food product samples and are naturally occurring radionuclides.

Table 3.6 Mean Concentrations of Cs-137 in Food Products

YEAR	Cs-137 Indicator (pCi/kg)
1979	2.19E1
1980	2.30E1
1981	3.04E1
1982	2.46E1
1983	9.07E0
1984	8.45E0
1985	7.99E0
1986	2.15E1
1987[1]	2.90E1
1988	0.00E0
1989	0.00E0
1990	0.00E0
1991	0.00E0
1992	0.00E0
1993	0.00E0
1994	0.00E0
1995	0.00E0
1996	0.00E0
1997	0.00E0
1998	0.00E0
1999	0.00E0
2000	0.00E0
2001	0.00E0
2002	0.00E0
2003	0.00E0
2004	0.00E0
2005	0.00E0
2006	0.00E0
2007	0.00E0
2008	0.00E0
2009	0.00E0
2010	0.00E0
2011[2]	3.06E1
2012	0.00E0
2013	0.00E0
2014[3]	0.00E0
2015	0.00E0
2016	0.00E0
2017	0.00E0
2018	0.00E0
2019	0.00E0
2020	0.00E0
2021	0.00E0
2022	0.00E0
2023	0.00E0
2024	0.00E0

0.00E0 indicates no detectable measurements
(1) 1987 – Gamma spectroscopy system change
(2) 2011 – Concentration affected by Fukushima Daiichi
(3) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.7 FISH

In 2024, 12 fish samples were analyzed for gamma emitting radionuclides, 6 at the indicator location and 6 at the control location. Semiannual samples were collected, and a gamma analysis was performed on the edible portions of each sample. Boney fish (i.e. Sunfish) were prepared for analysis whole minus the head and tail portions.

Gamma spectroscopy analysis indicated no gamma emitting radionuclides attributable to MNS plant operation identified in any indicator or control location fish samples in 2024.

Figure 3.7 shows Cs-137 highest annual mean indicator and control location concentrations with comparisons to 5% of the reporting level. Table 3.7 gives indicator location highest annual means since 1980 for all radionuclides detected since the analysis change in 1988. All other radionuclides not shown in the table have demonstrated no detectable activity since 1986.

K-40 and Be-7 were naturally occurring radionuclides observed in fish samples.

Figure 3.7

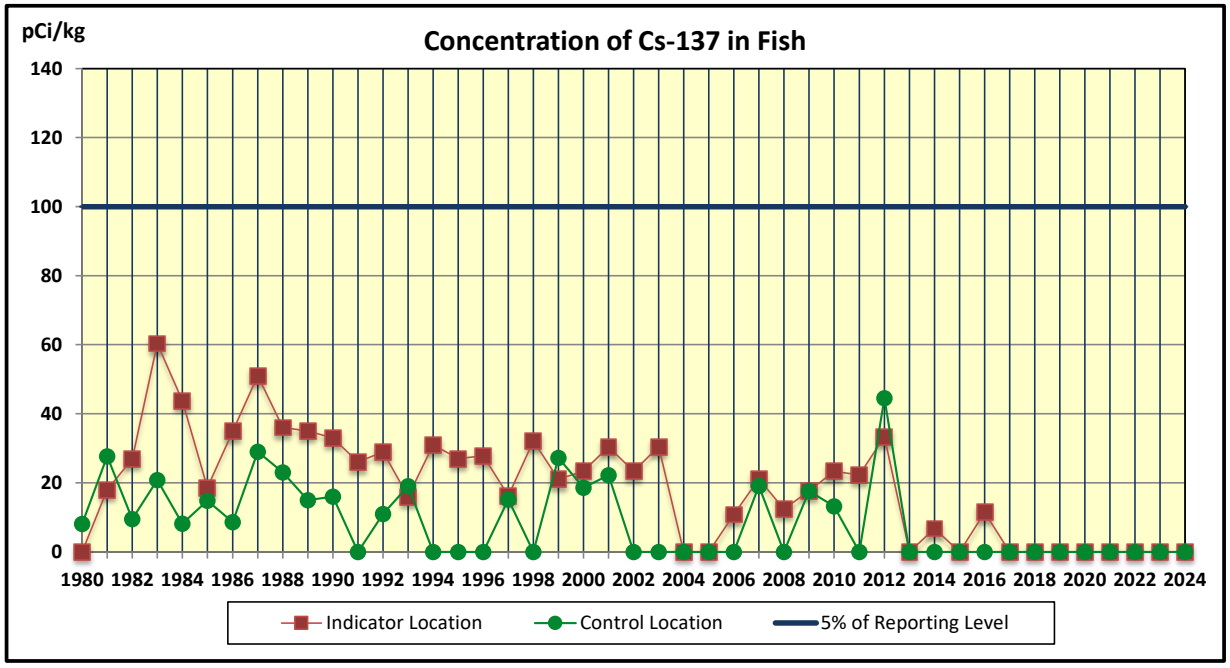


Table 3.7 Mean Concentrations of Radionuclides in Fish (pCi/kg)

YEAR	Mn-54 Indicator	Co-58 Indicator	Co-60 Indicator	Cs-134 Indicator	Cs-137 Indicator
1980	-1.97E1	8.36E0	-2.25E1	-2.70E1	-4.13E0
1981	-2.71E0	-2.98E0	-2.65E0	-1.99E0	1.80E1
1982	-3.83E0	8.16E0	-4.34E-1	-8.22E-1	2.69E1
1983	-2.60E0	2.60E1	1.11E1	-1.32E0	6.03E1
1984	3.61E0	1.45E2	2.82E1	3.11E1	4.38E1
1985	2.53E-1	7.19E0	1.72E1	-1.56E0	1.86E1
1986	1.03E0	3.17E1	2.96E1	1.67E1	3.49E1
1987(1)	0.00E0	2.71E2	1.25E2	2.60E1	5.10E1
1988	1.20E1	7.70E1	0.00E0	2.70E1	3.60E1
1989	9.00E1	4.05E2	2.99E2	1.10E1	3.50E1
1990	0.00E0	5.60E1	4.10E1	0.00E0	3.30E1
1991	6.20E0	1.40E1	6.50E1	5.90E0	2.60E1
1992	0.00E0	0.00E0	0.00E0	0.00E0	2.90E1
1993	0.00E0	8.20E1	1.30E1	0.00E0	1.60E1
1994	0.00E0	0.00E0	0.00E0	0.00E0	3.10E1
1995	0.00E0	0.00E0	0.00E0	0.00E0	2.70E1
1996	0.00E0	0.00E0	0.00E0	0.00E0	2.78E1
1997	0.00E0	0.00E0	0.00E0	0.00E0	1.62E1
1998	0.00E0	0.00E0	0.00E0	0.00E0	3.21E1
1999	0.00E0	3.53E1	0.00E0	0.00E0	2.10E1
2000	0.00E0	4.28E1	0.00E0	0.00E0	2.34E1
2001	0.00E0	1.32E1	0.00E0	0.00E0	3.04E1
2002	0.00E0	0.00E0	0.00E0	0.00E0	2.33E1
2003	0.00E0	0.00E0	0.00E0	0.00E0	3.05E1
2004	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2005	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2006	0.00E0	0.00E0	0.00E0	0.00E0	1.08E1
2007	0.00E0	0.00E0	0.00E0	0.00E0	2.11E1
2008	0.00E0	0.00E0	0.00E0	0.00E0	1.24E1
2009	0.00E0	0.00E0	0.00E0	0.00E0	1.76E1
2010	0.00E0	0.00E0	0.00E0	0.00E0	2.33E1
2011	0.00E0	0.00E0	0.00E0	0.00E0	2.23E1
2012	0.00E0	0.00E0	0.00E0	0.00E0	3.34E1
2013	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2014(2)	0.00E0	0.00E0	0.00E0	0.00E0	6.75E0
2015	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2016	0.00E0	0.00E0	0.00E0	0.00E0	1.14E1
2017	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2018	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2019	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2020	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2021	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2022	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2023	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2024	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0

0.00E0 indicates no detectable measurements

(1) 1987 – Gamma spectroscopy system change

(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change. (NCR # 0739995).

3.8 SHORELINE SEDIMENT

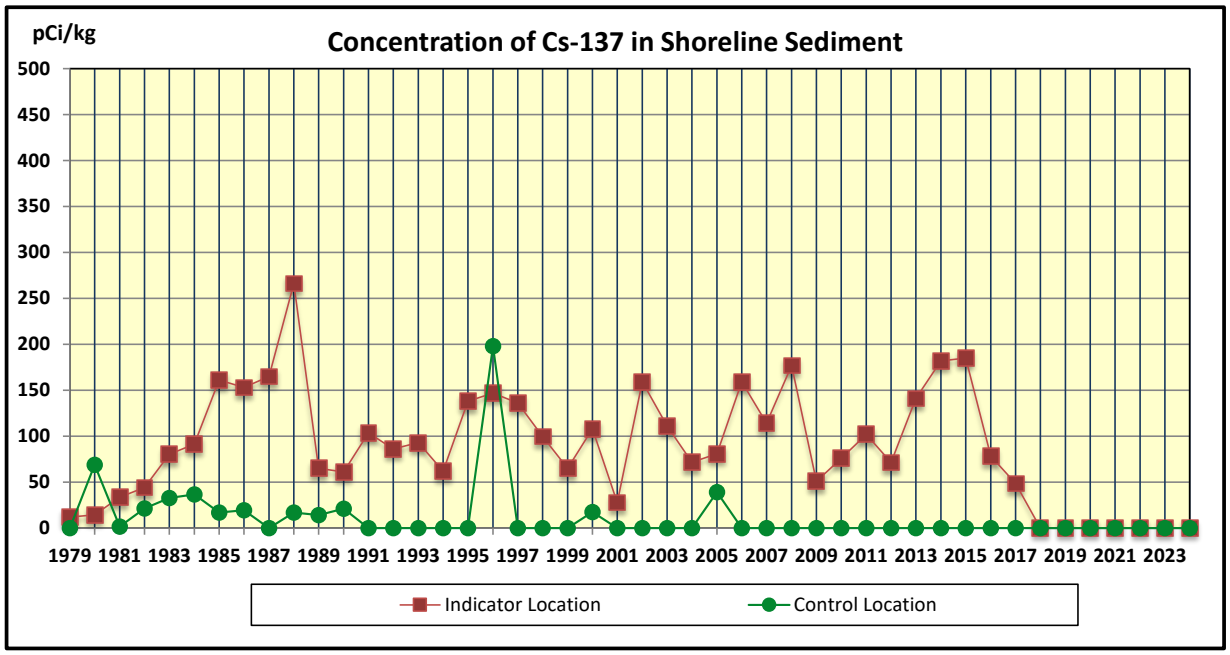
In 2024, 6 shoreline sediment samples were analyzed, 4 from 2 indicator locations and 2 at the control location. Semiannual samples were collected, and a gamma analysis was performed on each following the drying and removal of rocks and clams.

Gamma spectroscopy analysis indicated no gamma emitting radionuclides attributable to MNS plant operation identified in any indicator or control location shoreline sediment samples in 2024.

Figure 3.8 shows Cs-137 highest annual mean indicator and control location concentrations since 1979. Table 3.8 gives indicator location highest annual means since 1979 for all radionuclides detected since the analysis change in 1988. There is no reporting level for shoreline sediment.

K-40 was observed in shoreline samples and is a naturally occurring radionuclide.

Figure 3.8



There is no reporting level for Cs-137 in shoreline sediment

Table 3.8 Mean Concentrations of Radionuclides in Shoreline Sediment (pCi/kg)

YEAR	Mn-54 Indicator	Co-58 Indicator	Co-60 Indicator	Cs-134 Indicator	Cs-137 Indicator
1979	-1.07E1	2.25E1	-6.50E0	0.00E0	1.20E1
1980	1.06E1	-8.74E0	2.36E1	-3.53E0	1.44E1
1981	2.13E1	1.20E1	8.21E0	3.97E1	3.36E1
1982	5.38E1	1.66E1	-1.69E0	7.67E1	4.40E1
1983	4.40E0	3.43E1	2.12E1	7.65E1	8.02E1
1984	1.19E1	7.11E1	3.04E1	3.34E1	9.13E1
1985	4.77E0	1.46E1	9.20E0	2.02E1	1.61E2
1986	1.37E1	1.02E1	1.16E1	6.35E1	1.53E2
1987(1)	0.00E0	1.06E2	2.10E1	4.20E1	1.65E2
1988	6.50E0	9.20E1	1.20E1	9.10E0	2.66E2
1989	2.90E1	3.80E1	2.90E1	5.30E1	6.50E1
1990	3.80E1	2.70E1	1.68E2	0.00E0	6.10E1
1991	2.80E1	5.30E1	1.31E2	0.00E0	1.03E2
1992	9.40E0	0.00E0	5.10E1	9.20E0	8.60E1
1993	0.00E0	2.20E1	8.60E1	0.00E0	9.30E1
1994	4.10E1	0.00E0	0.00E0	0.00E0	8.00E1
1995	1.70E1	0.00E0	2.30E1	0.00E0	1.38E2
1996	2.90E1	1.78E1	3.50E1	0.00E0	1.47E2
1997	0.00E0	0.00E0	1.11E2	3.10E1	1.36E2
1998	0.00E0	0.00E0	5.21E1	0.00E0	9.97E1
1999	0.00E0	2.47E1	8.49E1	0.00E0	6.51E1
2000	0.00E0	3.04E1	0.00E0	0.00E0	1.08E2
2001	0.00E0	0.00E0	0.00E0	0.00E0	2.77E1
2002	2.24E1	0.00E0	0.00E0	0.00E0	1.59E2
2003	0.00E0	0.00E0	0.00E0	0.00E0	1.11E2
2004	0.00E0	0.00E0	0.00E0	0.00E0	7.17E1
2005	0.00E0	0.00E0	0.00E0	0.00E0	8.08E1
2006	0.00E0	0.00E0	0.00E0	0.00E0	1.59E2
2007	0.00E0	0.00E0	0.00E0	0.00E0	1.14E2
2008	0.00E0	0.00E0	0.00E0	0.00E0	1.77E2
2009	0.00E0	0.00E0	0.00E0	0.00E0	5.08E1
2010	0.00E0	0.00E0	0.00E0	0.00E0	7.58E1
2011	0.00E0	0.00E0	0.00E0	0.00E0	1.02E2
2012	0.00E0	0.00E0	0.00E0	0.00E0	7.13E1
2013	0.00E0	0.00E0	0.00E0	0.00E0	1.41E2
2014(2)	0.00E0	0.00E0	0.00E0	0.00E0	1.82E2
2015	0.00E0	0.00E0	0.00E0	0.00E0	1.85E2
2016	0.00E0	0.00E0	0.00E0	0.00E0	7.84E1
2017	0.00E0	0.00E0	0.00E0	0.00E0	4.87E1
2018	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2019	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2020	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2021	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2022	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2023	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2024	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0

0.00E0 indicates no detectable measurements

(1) 1987 – Gamma spectroscopy system change

(2) 2014 – Gamma spectroscopy system was replaced 10JUL2014. No analytical changes were noted due to the 2014 gamma spectroscopy system change (NCR # 0739995).

3.9 DIRECT GAMMA RADIATION

3.9.1 ENVIRONMENTAL TLD

McGuire is licensed with an exclusion area boundary defined by UFSAR Section 2.1.2.1 as a 2500-foot radius from station center. This is the same boundary established for determining radioactive effluent release limits. No permanent public access is permitted within the exclusion area. TLD locations designated as "inner ring" are within a 0.5-mile radius from station center near the site boundary and all are used as indicators. Due to close proximity with McGuire, and most being within the exclusion area boundary, inner ring TLD locations are not good indicators of radiation exposure to a member of the public but are good at determining nearby environmental effects due to plant operation. Based on their placement, inner ring TLD locations are expected to occasionally be influenced by normal plant operation. TLD locations designated as "outer ring" are outside the 0.5 mile "inner ring" (6 to 8 kilometer range) but within a 5-mile radius of station center. All outer ring TLD locations are used as indicators. A subset of TLD locations are designated as "special interest." The nearest "special interest" locations are within the Owner Control Area approximately 0.2 miles from station center. They are located near public access areas for fishing and the Energy Explorium. The remaining "special interest" locations are within a 3 to 13 mile radius from station center. The one "control" location is greater than 15 miles from station center. This location was chosen to reduce the probability of influence from McGuire operation on data. The control location is not used as background subtraction in the TLD analysis. Its purpose is to provide a comparison to indicator locations.

In 2024, 164 Thermoluminescent Dosimeters (TLDs) were analyzed, 160 at indicator locations and 4 at the control location. A gamma exposure rate was determined for each TLD. Transit TLDs and laboratory background TLDs were used for determining transit and laboratory background dose and were subtracted from gross field readings as required by ANSI N545-1975. TLD locations are listed in Table 2.1-B.

The environmental data on external radiation exposure for 2024 was essentially unchanged, with an average exposure for all of 2024 indicator locations of 16.1 mR per std. quarter. The TLD location with the highest annual mean of 25.4 mR per std. quarter was location 180, located 12.7 miles NNE of the station. Control TLD location 175 had an annual mean of 22.5 mR per std. quarter.

Figure 3.9 and Table 3.9 show TLD inner ring, outer ring, and control location annual averages in mR/std. quarter. Data is provided from 1979 to show preoperational values. As shown in the graph, exposures measured by environmental TLDs show little or no change since the current TLD system was implemented. As shown in the graph, historical inner and outer ring averages compare similarly, while control data is somewhat higher. This is most likely an artifact of the underlying geologic structures at the control location.

Quarterly, environmental ODCM TLD results are compared by location to its historical data to evaluate any significant changes. The comparison utilizes the location's average exposure history to determine if quarterly results fall within expected low and high ranges and provides a reliable indication of potential changes occurring at a specific TLD location. The low and high ranges are determined by the historical average ± three standard deviations.

The quarterly TLD evaluation implements portions of American National Standard ANSI/HPS N13.37-2014, "Environmental Dosimetry – Criteria for System Design and Implementation, for environmental Thermoluminescent Dosimeters (TLD)." The WP-RP-ALL-0030 – Updated Radiological Environmental Monitoring Program TLD Analytical Method, describes the process implemented in late 2018 for the fleet TLD programs. TLD values identified as < Low Range or > High Range are evaluated in consideration of factors including possible TLD damage, sampling deviations, glow curve irregularities, and any known environmental location changes which may affect results.

In the first quarter of 2024 the TLD from location 168 with a high range result of 22.8 mR per Std. qtr exceeded the location's acceptance range. The investigations did not determine any exposure ratio flags, glow curves were reviewed and found to be acceptable, and the TLD elements were reviewed and revealed no abnormalities. The TLD results were deemed acceptable and no cause was identified. Location noted and will be trended during quarter evaluations. Quarterly TLD results are in Appendix E.

In the first quarter of 2024 the TLD from location 191 with a high range result of 22.8 mR per Std. qtr exceeded the location's acceptance range. The investigations did not determine any exposure ratio flags, glow curves were reviewed and found to be acceptable, and the TLD elements were reviewed and revealed no abnormalities. The TLD results were deemed acceptable and no cause was identified. Location noted and will be trended during quarter evaluations. Quarterly TLD results are in Appendix E.

In the first quarter of 2024 the TLD from location 196 with a high range result of 20.1 mR per Std. qtr exceeded the location's acceptance range. The investigations did not determine any exposure ratio flags, glow curves were reviewed and found to be acceptable, and the TLD elements were reviewed and revealed no abnormalities. Landfill construction/ground disturbance was ongoing in the area. The TLD results were deemed acceptable. Quarterly TLD results are in Appendix E.

In the first quarter of 2024 the TLD from location 198 with a high range result of 19.5 mR per Std. qtr exceeded the location's acceptance range. The investigations did not determine any exposure ratio flags, glow curves were reviewed and found to be acceptable, and the TLD elements were reviewed and revealed no abnormalities. Landfill construction/ground disturbance was ongoing in the area. The TLD results were deemed acceptable. Quarterly TLD results are in Appendix E.

In the second quarter of 2024 an analytical deviation (NCR# 02524918) occurred at location 167, 4.87 miles SW, for the collection period due to an abnormal glow curve for the Alpha (A) TLD. Both the Alpha (A) TLD and the Bravo (B) TLD were available and did not appear to have experienced any tampering/vandalism during the quarter. However, the Alpha (A) TLD exhibited an irregular glow curve and did not get averaged with the usable Bravo (B) TLD which is normally included in the established process for the McGuire REMP TLDs.

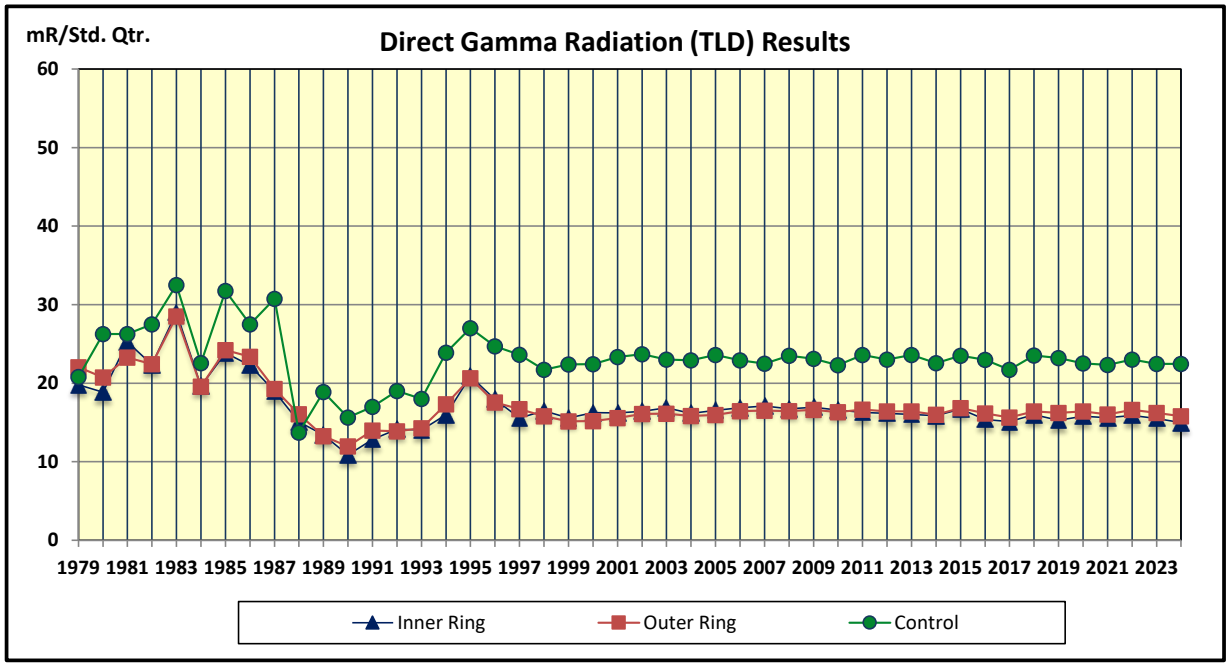
A TLD intercomparison program is conducted as part of the quality assurance program. Results of this program are included in section 4.7.

3.9.2 ISFSI

The McGuire ISFSI began operation in 2000. It is located approximately 0.15 miles west of station center in a secured area specifically constructed to provide dry storage for spent nuclear fuel. The ISFSI is situated at a lower elevation compared to other structures in the protected area. Exposure from direct radiation north of the ISFSI is shielded by the berm on the south boundary of Lake Norman. Exposure from direct radiation at the exclusion area boundary west of the ISFSI is shielded by the decrease in elevation at the ISFSI to the riverbank below Cowan's Ford Dam. These geographic features lessen the potential dose to a member of the public in accessible areas within the exclusion area boundary. The ISFSI employs the multiple vertical storage designs. Irradiated fuel assemblies are confined, protected, and shielded by reinforced concrete modules. All designs used are completely passive and designed to provide radiation shielding and safe confinement for a range of accident conditions and natural events. They each use a passive natural circulation ventilation system to remove decay heat from the modules. No radiological liquid or gaseous effluents are expected from the passive storage provided by the ISFSI. Therefore, any dose to offsite locations would be from direct and scattered gamma radiation.

Environmental TLD results described in 3.9.1 above are reviewed quarterly to identify trends and demonstrate compliance with dose and dose rate limits at the 2500-foot exclusion area boundary. Additional TLD locations not associated with REMP are presently located on the McGuire protected area fence near the ISFSI and on the ISFSI boundary. These are used to demonstrate compliance with occupational exposure controls and augment REMP TLD results. Doses measured by environmental TLDs show little or no change since the ISFSI began operation.

Figure 3.9



There is no reporting level for Direct Radiation (TLD)

Table 3.9 Direct Gamma Radiation (TLD) Results

YEAR	Inner Ring Average (mR/Std. Qtr.)	Outer Ring Average (mR/Std. Qtr.)	Control (mR/Std. Qtr.)
1979	1.98E1	2.21E1	2.08E1
1980	1.89E1†	2.07E1†	2.63E1†
1981	2.53E1	2.33E1	2.63E1
1982	2.24E1	2.24E1	2.75E1
1983	2.90E1	2.85E1	3.25E1
1984	1.96E1	1.96E1	2.26E1
1985	2.39E1	2.42E1	3.18E1
1986	2.23E1	2.34E1	2.75E1
1987	1.90E1	1.93E1	3.08E1
1988	1.51E1	1.61E1	1.37E1
1989	1.34E1	1.33E1	1.89E1
1990	1.09E1	1.20E1	1.56E1
1991	1.29E1	1.40E1	1.70E1
1992	1.41E1	1.39E1	1.90E1
1993	1.40E1	1.43E1	1.80E1
1994	1.60E1	1.73E1	2.39E1
1995	2.09E1	2.06E1	2.70E1
1996	1.80E1	1.76E1	2.47E1
1997	1.56E1	1.67E1	2.36E1
1998	1.65E1	1.58E1	2.17E1
1999	1.56E1	1.51E1	2.24E1
2000	1.63E1	1.52E1	2.24E1
2001	1.62E1	1.56E1	2.33E1
2002	1.64E1	1.61E1	2.37E1
2003	1.69E1	1.61E1	2.30E1
2004	1.62E1	1.58E1	2.29E1
2005	1.65E1	1.59E1	2.36E1
2006	1.69E1	1.65E1	2.29E1
2007	1.71E1	1.65E1	2.25E1
2008	1.67E1	1.65E1	2.35E1
2009	1.69E1	1.66E1	2.31E1
2010	1.66E1	1.63E1	2.23E1
2011	1.63E1	1.66E1	2.36E1
2012	1.61E1	1.64E1	2.30E1
2013	1.60E1	1.64E1	2.36E1
2014	1.59E1	1.60E1	2.26E1
2015	1.67E1	1.68E1	2.35E1
2016	1.54E1	1.62E1	2.30E1
2017	1.51E1	1.56E1	2.17E1
2018	1.60E1	1.64E1	2.35E1
2019	1.53E1	1.62E1	2.32E1
2020	1.58E1	1.64E1	2.25E1
2021	1.56E1	1.60E1	2.23E1
2022	1.59E1	1.66E1	2.30E1
2023	1.55E1	1.62E1	2.25E1
2024	1.50E1	1.58E1	2.25E1

† Values are based on two quarters due to change in TLD locations.

3.10 LAND USE CENSUS

The 2024 MNS Land Use Census (LUC) was conducted on May 28, 2024 - June 3, 2024 during the growing season as required by SLC 16.11.14 to identify within 8 kilometers (5.0 miles) from the plant the nearest location from the site boundary in each of the sixteen meteorological sectors, the following: nearest residence, nearest garden greater than 50 square meters or 500 square feet, and the nearest milk-giving animal (cow, goat, etc.).

The primary method of performing the land use census is visual inspection from the roadside within the five (5) mile radius. This information may be supplemented with data from aerial photographs and a Global Positioning System (GPS) to determine distance and direction from the plant. Distances from the plant are accurate to within one tenth of a mile.

Table 3.10 summarizes the land use census results that was conducted within five miles of MNS. A map indicating identified locations is shown in Figure 3.10.

During the 2024 census, no new milk locations were identified. The nearest residence is in the East sector at 0.50 miles. No environmental program changes were required as a result of the 2024 land use census.

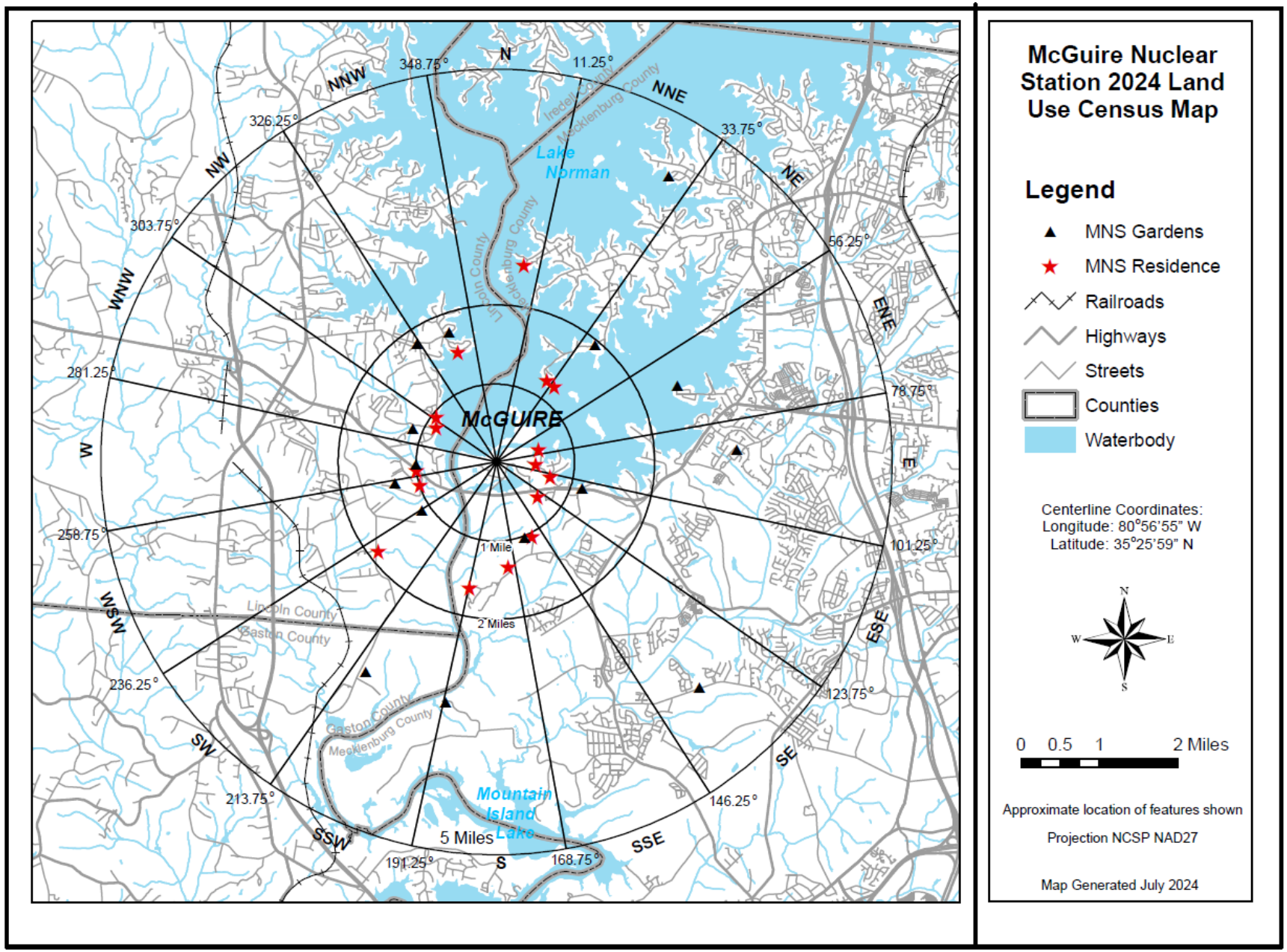
Table 3.10 McGuire 2024 Land Use Census Results

Performed May 28, 2024 - June 3, 2024
Nearest Pathways (Miles)

SECTOR	RESIDENCE		GARDEN		MILK ANIMAL	
	2023	2024	2023	2024	2023	2024
North	2.53	2.53	2.64	---*	---	---
North-Northeast	1.23	1.23	1.40	4.25*	---	---
Northeast	1.21	1.21	1.95	1.95	---	---
East-Northeast	0.56	0.56	2.50	2.50	---	---
East	0.50	0.50	2.11	3.06*	---	---
East-Southeast	0.71	0.71	1.14	1.14	---	---
Southeast	0.67	0.67	1.20	3.86*	---	---
South-Southeast	1.06	1.06	1.06	1.06	---	---
South	1.35	1.35	1.85	3.13*	---	---
South-Southwest	1.64	1.64	2.79	3.15*	---	---
Southwest	1.88	1.88	1.14	1.14	---	---
West-Southwest	1.01	1.01	1.10	1.32*	---	---
West	1.15	1.15	1.15	1.15	---	---
West-Northwest	0.88	0.88	1.15	1.15	---	---
Northwest	0.96	0.96	1.68	1.82*	---	---
North-Northwest	1.48	1.48	1.76	1.76	---	---

Sector and distances were determined by Global Positioning System.
"---" indicates no occurrences within the 5-mile radius
* Represents a change from the previous year.

Figure 3.10


McGuire Nuclear Station 2024 Land Use Census Map
Legend
MNS Gardens
MNS Residence
Railroads
Highways
Streets
Counties
Waterbody
Centerline Coordinates:
Longitude: 80°56'55" W
Latitude: 35°25'59" N
0 0.5 1 2 Miles
Approximate location of features shown
Projection NCSP NAD27
Map Generated July 2024
McGUIRE
1 Mile
2 Miles
5 Miles
Lake Norman
Mountain Island Lake
Iredell County
Mecklenburg County
Lincoln County
Gaston County
N
NNE
NE
ENE
E
ESE
SE
SSE
S
SSW
SW
WSW
W
WNW
NW
NNW
348.75°
11.25°
33.75°
56.25°
78.75°
101.25°
123.75°
146.25°
168.75°
191.25°
213.75°
236.25°
258.75°
281.25°
303.75°
326.25°

4.0 QUALITY ASSURANCE

4.1 SAMPLE COLLECTION

EnRad Laboratories and the Environmental Services Group performed the environmental sample collections as specified by approved sample collection procedures.

4.2 SAMPLE ANALYSIS

EnRad Laboratories performed the environmental sample analyses as specified by approved analysis procedures. EnRad Laboratories is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.3 DOSIMETRY ANALYSIS

The Dosimetry and Records group performed the environmental dosimetry measurements as specified by approved dosimetry analysis procedures. The Dosimetry and Records Laboratory is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.4 LABORATORY EQUIPMENT QUALITY ASSURANCE

4.4.1 DAILY QUALITY CONTROL

EnRad Laboratories has an internal quality assurance program which monitors each type of instrumentation for reliability and accuracy. Daily quality control checks ensure that instruments are in proper working order and these checks are used to monitor instrument performance.

4.4.2 CALIBRATION VERIFICATION

National Institute of Standards and Technology (NIST) standards that represent counting geometries are analyzed as unknowns at various frequencies ranging from weekly to annually to verify that efficiency calibrations are valid. The frequency is dependent upon instrument use and performance. Investigations are performed and documented should calibration verification data fall outside of the acceptable limits.

4.4.3 BATCH PROCESSING

Method quality control samples are analyzed with sample analyses that are processed in batches. These include gross beta in water, low-level Iodine-131 in milk, and tritium analyses in drinking water, surface water, and ground water samples.

4.5 DUKE ENERGY INTERLABORATORY COMPARISON PROGRAM

In 2024 Duke Energy Environmental Laboratory (EnRad) participated in interlaboratory programs to satisfy Radiological Environmental Monitoring Program requirements in Duke Energy nuclear plant Offsite Dose Calculation Manuals and Selected Licensee Commitments Manuals, as applicable.

EnRad Laboratory participated in an interlaboratory program with Eckert & Ziegler Analytics (EZA) in 2024. EZA results were evaluated against the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. All regulatory requirements continue to be met by the EZA Cross Check Program.

4.5.1 ECKERT & ZIEGLER ANALYTICS CROSS CHECK PROGRAM

EZA mixed gamma in liquid, mixed gamma in vegetation, mixed gamma in soil, low-level I-131 in liquid, mixed gamma air filter composites, I-131 air cartridges, gross beta in water, gross beta in filters, and tritium in water were analyzed at various times of the year at EnRad Laboratories. A summary of the applicable REMP EnRad Laboratory program results for 2024 is documented in Table 4.0-A.

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria.

4.6 STATE OF NORTH CAROLINA INTERCOMPARISON PROGRAM

EnRad Laboratories routinely participates with the North Carolina Department of Health and Human Services in an intercomparison program. EnRad Laboratories sends McGuire Nuclear Plant Radiological Environmental Monitoring Program air, drinking water, surface water, milk, fish, food products, and shoreline sediment samples to the North Carolina Department of Health and Human Services, Division of Public Health for intercomparison analysis.

4.7 TLD INTERCOMPARISON PROGRAM

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimeters quarterly using the NIST-traceable Hopewell and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria. A summary of the 2024 Internal Cross Check (Duke Energy) Program is documented in Table 4.0-B.

TABLE 4.0-A

ECKERT & ZIEGLER ANALYTICS

CROSS CHECK PROGRAM

2024 Cross Check Results for EnRad Laboratories

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Results are reported directly to Eckert & Ziegler Analytics. Environmental cross check samples were analyzed in replicate, and the result closest to the mean is reported to Eckert & Ziegler Analytics. The acceptance criteria for the program were based on the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria based.

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Beta Filter in Planchet	E13975	Cs-137	2	pCi	222	232	0.96	Agreement
I-131 in Charcoal Cartridge	E13973	I-131	2	pCi	88.0	91.5	0.96	Agreement
Gamma in Soil	E13974	Ce-141	2	pCi/g	0.0818	0.0632	1.29	Agreement
		Co-60	2	pCi/g	0.599	0.659	0.91	Agreement
		Cr-51	2	pCi/g	0.407	0.491	0.83	Agreement
		Cs-134	2	pCi/g	0.376	0.408	0.92	Agreement
		Cs-137	2	pCi/g	0.403	0.451	0.89	Agreement
		Fe-59	2	pCi/g	0.269	0.293	0.92	Agreement
		Mn-54	2	pCi/g	0.322	0.344	0.94	Agreement
		Zn-65	2	pCi/g	0.159	0.167	0.95	Agreement
Gamma in Simulated Vegetation	E13981	Ce-141	3	pCi/g	0.236	0.226	1.05	Agreement
		Co-58	3	pCi/g	0.283	0.272	1.04	Agreement
		Co-60	3	pCi/g	0.446	0.429	1.04	Agreement
		Cr-51	3	pCi/g	0.486	0.499	0.97	Agreement
		Cs-134	3	pCi/g	0.312	0.341	0.92	Agreement
		Cs-137	3	pCi/g	0.238	0.232	1.03	Agreement
		Fe-59	3	pCi/g	0.214	0.207	1.04	Agreement
		Mn-54	3	pCi/g	0.298	0.294	1.01	Agreement
		Zn-65	3	pCi/g	0.524	0.501	1.05	Agreement

TABLE 4.0-A (Cont.)

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Gamma in Composite Filter	E13979	Ce-141	3	pCi	90.7	86.1	1.05	Agreement
		Co-58	3	pCi	107	104	1.03	Agreement
		Co-60	3	pCi	169	164	1.03	Agreement
		Cr-51	3	pCi	200	191	1.05	Agreement
		Cs-134	3	pCi	124	130	0.95	Agreement
		Cs-137	3	pCi	94.7	88.6	1.07	Agreement
		Fe-59	3	pCi	81.0	78.9	1.03	Agreement
		Mn-54	3	pCi	118	112	1.05	Agreement
		Zn-65	3	pCi	209	191	1.09	Agreement
Gamma in Water	E13980	Ce-141	3	pCi/L	147	129	1.14	Agreement
		Co-58	3	pCi/L	162	156	1.04	Agreement
		Co-60	3	pCi/L	258	246	1.05	Agreement
		Cr-51	3	pCi/L	291	287	1.02	Agreement
		Cs-134	3	pCi/L	189	195	0.97	Agreement
		Cs-137	3	pCi/L	142	133	1.07	Agreement
		Fe-59	3	pCi/L	133	119	1.12	Agreement
		Mn-54	3	pCi/L	183	169	1.08	Agreement
		Zn-65	3	pCi/L	318	288	1.11	Agreement
Milk LLI-131	E13976	I-131	2	pCi/L	93.2	90.0	1.04	Agreement
Gross Beta in Water	E13978	Cs-137	2	pCi/L	272	292	0.93	Agreement
Tritium in Water	E13982	H-3	3	pCi/L	1.42E+04	1.45E+04	0.98	Agreement

TABLE 4.0-B

2024 ENVIRONMENTAL DOSIMETER

CROSS CHECK RESULTS

Internal Crosscheck (Duke Energy

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimetry quarterly and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria.

1st Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100181	55.60	55.58	0.04	<+/-20%	Pass
100846	53.18	55.58	-4.32	<+/-20%	Pass
102937	59.62	55.58	7.27	<+/-20%	Pass
100847	53.86	55.58	-3.09	<+/-20%	Pass
101382	54.43	55.58	-2.07	<+/-20%	Pass
100945	54.12	55.58	-2.63	<+/-20%	Pass
101232	55.07	55.58	-0.92	<+/-20%	Pass
100148	53.84	55.58	-3.13	<+/-20%	Pass
100734	53.03	55.58	-4.59	<+/-20%	Pass
101019	54.70	55.58	-1.58	<+/-20%	Pass
		Average Bias (B)	-1.50		
		Standard Deviation (S)	3.40		
		Measure Performance |B|+S	4.90	<20%	Pass

2nd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100755	17.91	18.47	-3.03	<+/-20%	Pass
100757	18.62	18.47	0.81	<+/-20%	Pass
100760	18.07	18.47	-2.17	<+/-20%	Pass
100740	18.43	18.47	-0.22	<+/-20%	Pass
100762	18.16	18.47	-1.68	<+/-20%	Pass
100867	18.44	18.47	-0.16	<+/-20%	Pass
100775	18.72	18.47	1.35	<+/-20%	Pass
100768	18.42	18.47	-0.27	<+/-20%	Pass
100763	18.55	18.47	0.43	<+/-20%	Pass
100759	18.25	18.47	-1.19	<+/-20%	Pass
		Average Bias (B)	-0.61		
		Standard Deviation (S)	1.38		
		Measure Performance |B|+S	1.99	<20%	Pass

3rd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
103630	63.62	55.11	15.44	<+/-20%	Pass
100358	56.86	55.11	3.18	<+/-20%	Pass
103024	63.29	55.11	14.84	<+/-20%	Pass
104549	56.55	55.11	2.61	<+/-20%	Pass
103354	61.48	55.11	11.56	<+/-20%	Pass
102759	62.68	55.11	13.74	<+/-20%	Pass
103631	61.82	55.11	12.18	<+/-20%	Pass
102211	59.92	55.11	8.73	<+/-20%	Pass
103762	61.29	55.11	11.21	<+/-20%	Pass
103381	60.48	55.11	9.74	<+/-20%	Pass
		Average Bias (B)	10.32		
		Standard Deviation (S)	4.44		
		Measure Performance |B|+S	14.76	<20%	Pass

4th Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
104277	39.21	40.13	-2.29	<+/-20%	Pass
103273	43.04	40.13	7.25	<+/-20%	Pass
104821	39.65	40.13	-1.20	<+/-20%	Pass
103069	43.14	40.13	7.50	<+/-20%	Pass
103440	41.48	40.13	3.36	<+/-20%	Pass
103504	43.11	40.13	7.43	<+/-20%	Pass
102427	42.39	40.13	5.63	<+/-20%	Pass
103063	42.69	40.13	6.38	<+/-20%	Pass
102962	41.68	40.13	3.86	<+/-20%	Pass
104115	38.22	40.13	-4.76	<+/-20%	Pass
		Average Bias (B)	3.32		
		Standard Deviation (S)	4.50		
		Measure Performance |B|+S	7.81	<20%	Pass

APPENDIX A

ENVIRONMENTAL SAMPLING
&
ANALYSIS PROCEDURES

APPENDIX A

ENVIRONMENTAL SAMPLING AND ANALYSIS PROCEDURES

Adherence to established procedures for sampling and analysis of all environmental media at McGuire Nuclear Station was required to ensure compliance with Station Selected Licensee Commitments. Analytical procedures were employed to ensure that Selected Licensee Commitments detection capabilities were achieved.

Environmental sampling and analyses were performed by EnRad Laboratories, Dosimetry and Records, and Environmental Services.

This appendix provides a description of the specific analyses performed on samples collected in the field. Changes to the sampling procedures and analyses procedures are also discussed in the section.

I. CHANGE OF SAMPLING PROCEDURES

Procedure 729, Milk Sampling at McGuire Nuclear Station was revised due to the closure of control milk location 142, Lowman Farms (NCR# 02516748). A replacement control dairy could not be located during the 2024 MNS Land Use Census. This change was initiated when MNS ODCM was updated to Revision 62 on June 10, 2024.

Procedure 733, Food Products Sampling at McGuire Nuclear Station was revised due to the closure of the irrigated garden at location 155, Island Forest Drive (NCR# 02515176). A replacement irrigated garden could not be located during the 2024 MNS Land Use Census. This change was initiated when MNS ODCM was updated to Revision 62 on June 10, 2024.

Procedure 730, Airborne Radioiodine and Airborne Particulate Sampling at McGuire Nuclear Station was revised due to removing location 121, Guardhouse (DRR# 02519501). Sample point was supplemental and not SLC required. This change was initiated when MNS ODCM was updated to Revision 63 on June 24, 2024.

Procedure 731, Water Sampling at McGuire Nuclear Station was revised due to removing location 194, East Lincoln County Water Supply (DRR# 02519501). Sample point was supplemental and not SLC required. This change was initiated when MNS ODCM was updated to Revision 63 on June 24, 2024.

II. DESCRIPTION OF ANALYSIS PROCEDURES

Gamma spectroscopy analyses are performed using high purity germanium gamma detectors and Mirion analytical software. Designated sample volumes are transferred to appropriate counting geometries and analyzed by gamma spectroscopy. Perishable samples such as fish

and broadleaf vegetation are ground to achieve a homogeneous mixture. Soils and sediments are dried, sifted to remove foreign objects (rocks, clams, glass, etc.) and then transferred to appropriate counting geometry.

Low-level iodine analyses are performed by passing a designated sample aliquot through a pre-determined amount of ion exchange resin to remove and concentrate any iodine in the aqueous sample (milk). The resin is then dried and mixed thoroughly, before being transferred to appropriate counting geometry and analyzed by gamma spectroscopy.

Tritium analyses are performed by using low-level environmental liquid scintillation analysis technique on a Perkin-Elmer 4910TR liquid scintillation system or a Perkin-Elmer 3110TR liquid scintillation system. Tritium samples are distilled and batch processed with a laboratory fortified blank, matrix spike, matrix spike duplicate, and blank to verify instrument performance, sample preparation technique are acceptable, and sample contamination has not occurred.

Gross beta analysis of air filters is performed by analyzing filters on Tennelec XLB Series 5 gas-flow proportional counters. Samples are batch processed with a blank to ensure sample contamination has not occurred.

Gross beta analysis of liquid samples is performed by concentrating a designated aliquot of sample and analyzing by Perkin-Elmer 4910TR liquid scintillation system. Samples are batch processed with a laboratory fortified blank and blank to verify instrument performance and ensure sample contamination has not occurred.

III. CHANGE OF ANALYSIS PROCEDURES

A change was made to the gamma spectroscopy Analysis Sequence File used by the Mirion analytical software. The option of using the 95% critical level test was implemented in October 2024 in the Analysis Sequence File as recommended by Mirion and to be consistent with the Duke Energy nuclear fleet countrooms.

APPENDIX B

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

SUMMARY OF RESULTS

MCGUIRE NUCLEAR STATION
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

McGuire Nuclear Station
Mecklenburg County, North Carolina

Docket Numbers 50-369, 370
Calendar Year 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean: Name, Distance, and Direction	Location w/Highest Annual Mean: Mean Range [2] [3]	Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
Air Particulate (pCi/m^3)	Gross Beta 338[4]	See Table 2.2-C	2.14E-02 (286/286) 4.85E-03 – 4.82E-02	Loc. # 195 (0.19 mi N)	2.33E-02 (52/52) 8.96E-03 – 4.57E-02	Loc. # 102 2.19E-02 (52/52) 8.96E-03 – 4.53E-02	0
	Gamma 26[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Air Radioiodine (pCi/m^3)	Gamma 338[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Drinking Water (pCi/l)	Gross Beta 59[4]	See Table 2.2-C	3.63E+00 (6/46) 3.26E+00 – 4.37E+00	Loc. # 101 (3.31 mi E)	3.81E+00 (3/13) 3.39E+00 – 4.37E+00	All less than LLD	0
	Gamma 59[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium [6] 18[4]	See Table 2.2-C	4.79E+02 (12/14) 2.12E+02 – 8.97E+02	Loc. # 101 (3.31 mi E)	6.34E+02 (4/4) 5.03E+02 – 8.97E+02	All less than LLD	0
Surface Water (pCi/l)	Gamma 39[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium [6] 12[4]	See Table 2.2-C	5.22E+02 (8/8) 2.85E+02 – 8.19E+02	Loc. # 128 (0.45 mi NE)	6.72E+02 (4/4) 4.76E+02 – 8.19E+02	All less than LLD	0
Milk (pCi/l)	Gamma 10[4]	See Table 2.2-C	No Indicator Location	-----	-----	All less than LLD	0
	I-131 10[4]	See Table 2.2-C	No Indicator Location	-----	-----	All less than LLD	0

MCGUIRE NUCLEAR STATION
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

McGuire Nuclear Station
Mecklenburg County, North Carolina

Docket Numbers 50-369, 370
Calendar Year 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD) [1]	All Indicator Locations [2] [3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range [2] [3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range [2] [3]		
Broadleaf Vegetation (pCi/kg, wet)	Gamma 48	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Food Products (pCi/kg, wet)	Gamma 4[4]	See Table 2.2-C	All less than LLD	-----	-----	No Control Location	0
Fish (pCi/kg, wet)	Gamma 12	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Sediments--Shoreline (pCi/kg, dry)	Gamma 6	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Direct Gamma Radiation (TLD) (mR/Std Qtr)	TLD Readout 164[5] [4]	-----	1.61E+01 (160/160) 8.38E+00 – 2.82E+01	Loc. # 180 (12.7 mi NNE)	2.54E+01 (4/4) 2.33E+01 – 2.82E+01	Loc. # 175 2.25E+01 (4/4) 2.03E+01 – 2.54E+01	0

Footnotes to Appendix B

1. The Lower Limit of Detection (LLD) is the smallest concentration of radioactive material in a sample that will yield a net count above system background which will be detected with 95 percent probability and with only 5 percent probability of falsely concluding that a blank observation represents a "real" signal. Due to counting statistics and varying volumes, occasionally lower LLDs are achieved. Refer to Analytical Procedures Section/Gamma Spectrometry for an explanation of how LLD values were derived.

2. Mean and range are based on detectable measurements only.

3. The fractions of all samples with detectable activities at specific locations are indicated in parentheses.

4. Missing samples or surveillances are discussed in Appendix C or Appendix D.

5. TLD exposure is reported in milliroentgen (mR) per standard quarter (91 days).

6. Quarterly tritium composites determined using quarter days (92 days +/- 25% (23 days)).

APPENDIX C

SAMPLING DEVIATIONS
&
UNAVAILABLE ANALYSES

APPENDIX C

MCGUIRE NUCLEAR STATION
SAMPLING DEVIATIONS & UNAVAILABLE ANALYSES

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown Fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

C.1 SAMPLING DEVIATIONS

Air Particulate and Air Radioiodine

REMP weekly air samples (Air Particulate (AP) or Air Radioiodine (AR)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted, and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The air samplers operated for a total of 99.92% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
195	4/8 - 4/15/2024	BF	44.33 hours of downtime due to blown fuse. Fuse was replaced and air sampler was return to service.	NCR# 02512806
106	4/15 - 4/22/2024	PI	1.90 hours of downtime due to unknown power interruption.	NCR# 02513608
133	5/20 - 5/28/2024	PI	2.04 hours of downtime due to unknown power interruption.	NCR# 02517546
133	8/26 - 9/3/2024	PI	1.57 hours of downtime due to unknown power interruption.	NCR# 02527552

Drinking Water and Surface Water

REMP monthly drinking water samples (Drinking Water (DW)) or surface water samples (Surface Water (SW)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted, and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The drinking and surface water samplers operated for a total of 96.49% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
194	12/27/2023 -1/22/2024	OT	7.04 hours of downtime due to float trip. There was enough water in the ISCO at the time of collection to fulfill the sampling requirements. ISCO was removed, then a new one was calibrated and returned to service.	NCR# 02502123

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
194	1/22 - 2/19/2024	OT	26.50 hours of downtime due to float trip. There was enough water in the ISCO at the time of collection to fulfill the sampling requirements. ISCO was removed, then a new one was calibrated and returned to service.	NCR# 02505728
101	2/19 - 3/18/2024	OT	577.80 hours of downtime due to float trip. The water in the collection reservoir and a grab sample was collected. ISCO was confirmed to be operating properly and returned to service.	NCR# 02509317
194	2/19 - 3/18/2024	OT	255.98 hours of downtime due to float trip. The water in the collection reservoir and a grab sample was collected. ISCO was confirmed to be operating properly and returned to service.	NCR# 02509324
101	11/25 - 12/23/2024	LC	671.33 hours of downtime due to a clogged line. The ISCO sampler was found empty with no sample collections. A grab sample was collected so there was no missed surveillance. Clogged line was replaced, ISCO was recalibrated and returned to service.	NCR# 02539179
135	2/19 - 3/18/2024	OT	483.43 hours of downtime due to float trip. The water in the collection reservoir and a grab sample was collected. ISCO was removed, then a new one was calibrated and returned to service.	NCR# 02509323
135	9/30 - 10/28/2024	OT	224.55 hours of downtime due to float trip. The water in the collection reservoir and a grab sample was collected. ISCO was recalibrated, confirmed to be operating properly and returned to service.	NCR# 02533546
128	9/30 - 10/28/2024	OT	No known downtime, but volume less than expected based off the amount of indicated samplings. The water in the collection reservoir and a grab sample was collected. ISCO was recalibrated, confirmed to be operating properly and returned to service.	NCR# 02533651
135	10/28 - 11/25/2024	OT	251.67 hours of downtime due to float trip. The water in the collection reservoir and a grab sample was collected. ISCO was recalibrated, confirmed to be operating properly and returned to service.	NCR# 02536815

C.2 UNAVAILABLE ANALYSES

MILK

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
142	5/20/2024	OT	142C dairy ceased operation. Dairy owner informed REMP technician on 5/20/2024 of dairy closure and a new dairy could not be located.	NCR# 02516748

Crops

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
155	5/6/2024	OT	Irrigated crop location was sold to new owners and no longer used as a garden. Replacement irrigated garden could not be located.	NCR# 02515176

APPENDIX D

ANALYTICAL DEVIATIONS

APPENDIX D

MCGUIRE NUCLEAR STATION
ANALYTICAL DEVIATIONS

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown Fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

D.1 ANALYTICAL DEVIATIONS

TLDs

McGuire environmental Alpha (A) and Bravo (B) TLDs are co-located TLDs placed next to each other to comply with ANSI/HPS N13.37-2014 Section 7.1 Paragraph 7. Both TLD were available and did not appear to have experienced any tampering/vandalism during the quarter. However, the Alpha (A) TLD exhibited an irregular glow curve and did not get averaged with the usable Bravo (B) TLD which is normally included in the established process for the McGuire REMP TLDs.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
167	3/13 - 6/19/2024	OT	An Analytical Deviation occurred for the collection period due to an abnormal glow curve for the Alpha (A) TLD. The Alpha (A) TLD did not get averaged with the usable Bravo (B) TLD.	NCR # 02524918

APPENDIX E

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM RESULTS

2024

This appendix includes sample analysis report summaries and supportive data generated from each sample medium for 2024.

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602972	1/2/2024 - 1/8/2024	Beta	2.19E-02	3.06E-03	3.08E-03
603873	1/8/2024 - 1/16/2024	Beta	2.47E-02	2.95E-03	2.73E-03
603985	1/16/2024 - 1/22/2024	Beta	2.45E-02	3.61E-03	3.82E-03
604229	1/22/2024 - 1/29/2024	Beta	8.96E-03	2.51E-03	3.39E-03
604543	1/29/2024 - 2/5/2024	Beta	1.87E-02	2.60E-03	2.59E-03
604827	2/5/2024 - 2/12/2024	Beta	1.60E-02	2.74E-03	2.96E-03
605151	2/12/2024 - 2/19/2024	Beta	2.15E-02	2.73E-03	2.66E-03
606276	2/19/2024 - 2/26/2024	Beta	2.27E-02	2.81E-03	2.64E-03
607157	2/26/2024 - 3/4/2024	Beta	1.76E-02	2.58E-03	2.70E-03
607693	3/4/2024 - 3/11/2024	Beta	1.39E-02	2.40E-03	2.74E-03
608930	3/11/2024 - 3/18/2024	Beta	2.19E-02	3.19E-03	3.41E-03
609341	3/18/2024 - 3/25/2024	Beta	2.06E-02	3.11E-03	3.32E-03
609530	3/25/2024 - 4/1/2024	Beta	2.08E-02	2.71E-03	2.65E-03
609988	1/2/2024 - 4/1/2024	Cs-134	<2.53E-03	0.00E+00	2.53E-03
		Cs-137	<1.06E-03	0.00E+00	1.06E-03
		Be-7	1.24E-01	3.39E-02	3.01E-02
		K-40	3.29E-02	1.53E-02	4.70E-03
609981	4/1/2024 - 4/8/2024	Beta	1.34E-02	2.75E-03	3.39E-03
610502	4/8/2024 - 4/15/2024	Beta	1.88E-02	2.53E-03	2.42E-03
611039	4/15/2024 - 4/22/2024	Beta	2.79E-02	3.38E-03	3.13E-03
611209	4/22/2024 - 4/29/2024	Beta	2.31E-02	3.16E-03	3.14E-03
611548	4/29/2024 - 5/6/2024	Beta	1.70E-02	2.52E-03	2.62E-03
611797	5/6/2024 - 5/13/2024	Beta	1.82E-02	2.85E-03	3.00E-03
612305	5/13/2024 - 5/20/2024	Beta	1.22E-02	2.67E-03	3.31E-03
612573	5/20/2024 - 5/28/2024	Beta	1.63E-02	2.30E-03	2.36E-03
612746	5/28/2024 - 6/3/2024	Beta	1.73E-02	3.31E-03	3.89E-03
613581	6/3/2024 - 6/10/2024	Beta	1.79E-02	2.87E-03	3.02E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614099	6/10/2024 - 6/17/2024	Beta	2.46E-02	3.25E-03	3.14E-03
614335	6/17/2024 - 6/24/2024	Beta	1.70E-02	2.95E-03	3.41E-03
614507	6/24/2024 - 7/1/2024	Beta	2.41E-02	3.27E-03	3.30E-03
614734	4/1/2024 - 7/1/2024	Cs-134	<1.61E-03	0.00E+00	1.61E-03
		Cs-137	<1.74E-03	0.00E+00	1.74E-03
		Be-7	1.28E-01	3.69E-02	3.93E-02
		K-40	<3.33E-02	0.00E+00	3.33E-02
614727	7/1/2024 - 7/8/2024	Beta	1.89E-02	2.66E-03	2.76E-03
615115	7/8/2024 - 7/15/2024	Beta	1.86E-02	2.68E-03	2.83E-03
615926	7/15/2024 - 7/22/2024	Beta	2.13E-02	3.17E-03	3.37E-03
616388	7/22/2024 - 7/29/2024	Beta	2.03E-02	3.03E-03	3.15E-03
616660	7/29/2024 - 8/5/2024	Beta	1.72E-02	2.60E-03	2.79E-03
617057	8/5/2024 - 8/12/2024	Beta	1.89E-02	2.66E-03	2.74E-03
617539	8/12/2024 - 8/19/2024	Beta	2.96E-02	3.15E-03	2.89E-03
618033	8/19/2024 - 8/26/2024	Beta	2.43E-02	2.97E-03	2.96E-03
618213	8/26/2024 - 9/3/2024	Beta	3.64E-02	3.14E-03	2.50E-03
618446	9/3/2024 - 9/9/2024	Beta	1.77E-02	3.35E-03	4.00E-03
619520	9/9/2024 - 9/16/2024	Beta	2.69E-02	3.54E-03	3.81E-03
619799	9/16/2024 - 9/23/2024	Beta	1.73E-02	2.89E-03	3.18E-03
620182	9/23/2024 - 9/30/2024	Beta	2.79E-02	3.47E-03	3.37E-03
620393	7/1/2024 - 9/30/2024	Cs-134	<1.44E-03	0.00E+00	1.44E-03
		Cs-137	<1.44E-03	0.00E+00	1.44E-03
		Be-7	1.45E-01	3.63E-02	3.18E-02
		K-40	<3.91E-02	0.00E+00	3.91E-02
620387	9/30/2024 - 10/7/2024	Beta	2.35E-02	2.87E-03	2.79E-03
620690	10/7/2024 - 10/14/2024	Beta	3.02E-02	3.60E-03	3.52E-03
621260	10/14/2024 - 10/21/2024	Beta	2.21E-02	3.08E-03	3.00E-03
621654	10/21/2024 - 10/28/2024	Beta	4.53E-02	4.04E-03	3.11E-03
622004	10/28/2024 - 11/4/2024	Beta	3.10E-02	3.50E-03	3.09E-03

Sample Point 102 [CONTROL - WNW @ 9.89 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
622274	11/4/2024 - 11/11/2024	Beta	1.77E-02	2.58E-03	2.68E-03
622637	11/11/2024 - 11/18/2024	Beta	2.10E-02	2.70E-03	2.61E-03
622917	11/18/2024 - 11/25/2024	Beta	2.66E-02	3.26E-03	2.97E-03
623241	11/25/2024 - 12/2/2024	Beta	2.68E-02	3.35E-03	3.23E-03
624076	12/2/2024 - 12/9/2024	Beta	3.04E-02	3.64E-03	3.67E-03
624608	12/9/2024 - 12/16/2024	Beta	2.61E-02	3.29E-03	3.13E-03
624815	12/16/2024 - 12/23/2024	Beta	1.64E-02	2.83E-03	3.08E-03
625030	12/23/2024 - 12/30/2024	Beta	2.81E-02	3.44E-03	3.31E-03
625256	9/30/2024 - 12/30/2024	Cs-134	<1.31E-03	0.00E+00	1.31E-03
		Cs-137	<1.38E-03	0.00E+00	1.38E-03
		Be-7	9.20E-02	3.83E-02	4.89E-02
		K-40	1.78E-02	1.32E-02	1.64E-02

Sample Point 106 [INDICATOR - E @ 0.47 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602973	1/2/2024 - 1/8/2024	Beta	2.03E-02	2.97E-03	3.06E-03
603874	1/8/2024 - 1/16/2024	Beta	2.21E-02	2.84E-03	2.74E-03
603986	1/16/2024 - 1/22/2024	Beta	2.61E-02	3.67E-03	3.81E-03
604230	1/22/2024 - 1/29/2024	Beta	8.10E-03	2.46E-03	3.39E-03
604544	1/29/2024 - 2/5/2024	Beta	1.57E-02	2.42E-03	2.55E-03
604828	2/5/2024 - 2/12/2024	Beta	1.47E-02	2.69E-03	3.01E-03
605152	2/12/2024 - 2/19/2024	Beta	1.91E-02	2.63E-03	2.67E-03
606277	2/19/2024 - 2/26/2024	Beta	2.37E-02	2.84E-03	2.62E-03
607158	2/26/2024 - 3/4/2024	Beta	2.00E-02	2.67E-03	2.66E-03
607694	3/4/2024 - 3/11/2024	Beta	1.09E-02	2.27E-03	2.79E-03
608931	3/11/2024 - 3/18/2024	Beta	2.07E-02	3.13E-03	3.41E-03
609342	3/18/2024 - 3/25/2024	Beta	1.78E-02	2.95E-03	3.28E-03
609531	3/25/2024 - 4/1/2024	Beta	2.15E-02	2.74E-03	2.62E-03
609989	1/2/2024 - 4/1/2024	Cs-134	<1.78E-03	0.00E+00	1.78E-03
		Cs-137	<1.03E-03	0.00E+00	1.03E-03
		Be-7	1.10E-01	3.18E-02	2.93E-02

MCGUIRE Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 106 [INDICATOR - E @ 0.47 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
609989	1/2/2024 - 4/1/2024	K-40	2.45E-02	1.64E-02	2.11E-02
609982	4/1/2024 - 4/8/2024	Beta	1.34E-02	2.78E-03	3.43E-03
610503	4/8/2024 - 4/15/2024	Beta	2.09E-02	2.64E-03	2.44E-03
611040	4/15/2024 - 4/22/2024	Beta	2.60E-02	3.27E-03	3.10E-03
611210	4/22/2024 - 4/29/2024	Beta	2.06E-02	3.05E-03	3.15E-03
611549	4/29/2024 - 5/6/2024	Beta	1.61E-02	2.50E-03	2.66E-03
611798	5/6/2024 - 5/13/2024	Beta	1.77E-02	2.83E-03	3.02E-03
612306	5/13/2024 - 5/20/2024	Beta	1.26E-02	2.66E-03	3.25E-03
612574	5/20/2024 - 5/28/2024	Beta	1.85E-02	2.40E-03	2.36E-03
612747	5/28/2024 - 6/3/2024	Beta	1.92E-02	3.41E-03	3.89E-03
613582	6/3/2024 - 6/10/2024	Beta	2.11E-02	3.04E-03	3.03E-03
614100	6/10/2024 - 6/17/2024	Beta	3.06E-02	3.56E-03	3.20E-03
614336	6/17/2024 - 6/24/2024	Beta	1.86E-02	3.02E-03	3.40E-03
614508	6/24/2024 - 7/1/2024	Beta	2.67E-02	3.34E-03	3.23E-03
614735	4/1/2024 - 7/1/2024	Cs-134	<1.89E-03	0.00E+00	1.89E-03
		Cs-137	<8.07E-04	0.00E+00	8.07E-04
		Be-7	1.62E-01	3.64E-02	2.46E-02
		K-40	2.77E-02	1.70E-02	2.10E-02
614728	7/1/2024 - 7/8/2024	Beta	1.70E-02	2.58E-03	2.77E-03
615116	7/8/2024 - 7/15/2024	Beta	2.08E-02	2.78E-03	2.83E-03
615927	7/15/2024 - 7/22/2024	Beta	1.90E-02	3.05E-03	3.36E-03
616389	7/22/2024 - 7/29/2024	Beta	1.96E-02	2.99E-03	3.15E-03
616661	7/29/2024 - 8/5/2024	Beta	2.05E-02	2.74E-03	2.78E-03
617058	8/5/2024 - 8/12/2024	Beta	1.80E-02	2.62E-03	2.74E-03
617540	8/12/2024 - 8/19/2024	Beta	3.43E-02	3.34E-03	2.89E-03
618034	8/19/2024 - 8/26/2024	Beta	2.46E-02	2.98E-03	2.96E-03
618214	8/26/2024 - 9/3/2024	Beta	3.65E-02	3.14E-03	2.49E-03

Sample Point 106 [INDICATOR - E @ 0.47 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
618447	9/3/2024 - 9/9/2024	Beta	2.08E-02	3.49E-03	3.99E-03
619521	9/9/2024 - 9/16/2024	Beta	2.54E-02	3.53E-03	3.90E-03
619800	9/16/2024 - 9/23/2024	Beta	1.74E-02	2.86E-03	3.12E-03
620183	9/23/2024 - 9/30/2024	Beta	2.83E-02	3.50E-03	3.37E-03
620394	7/1/2024 - 9/30/2024	Cs-134	<1.96E-03	0.00E+00	1.96E-03
		Cs-137	<1.37E-03	0.00E+00	1.37E-03
		Be-7	1.36E-01	3.81E-02	3.98E-02
		K-40	<2.88E-02	0.00E+00	2.88E-02
620388	9/30/2024 - 10/7/2024	Beta	2.88E-02	3.09E-03	2.78E-03
620691	10/7/2024 - 10/14/2024	Beta	3.56E-02	3.83E-03	3.53E-03
621261	10/14/2024 - 10/21/2024	Beta	2.13E-02	3.04E-03	2.99E-03
621655	10/21/2024 - 10/28/2024	Beta	4.75E-02	4.16E-03	3.15E-03
622005	10/28/2024 - 11/4/2024	Beta	2.93E-02	3.40E-03	3.06E-03
622275	11/4/2024 - 11/11/2024	Beta	2.16E-02	2.76E-03	2.68E-03
622638	11/11/2024 - 11/18/2024	Beta	2.23E-02	2.76E-03	2.60E-03
622918	11/18/2024 - 11/25/2024	Beta	2.83E-02	3.34E-03	2.97E-03
623242	11/25/2024 - 12/2/2024	Beta	2.58E-02	3.30E-03	3.23E-03
624077	12/2/2024 - 12/9/2024	Beta	2.93E-02	3.63E-03	3.72E-03
624609	12/9/2024 - 12/16/2024	Beta	2.68E-02	3.34E-03	3.15E-03
624816	12/16/2024 - 12/23/2024	Beta	1.92E-02	2.93E-03	3.01E-03
625031	12/23/2024 - 12/30/2024	Beta	2.55E-02	3.34E-03	3.33E-03
625257	9/30/2024 - 12/30/2024	Cs-134	<1.78E-03	0.00E+00	1.78E-03
		Cs-137	<1.18E-03	0.00E+00	1.18E-03
		Be-7	1.03E-01	3.42E-02	3.52E-02
		K-40	2.88E-02	1.55E-02	1.55E-02

Sample Point 120 [INDICATOR - NNE @ 0.46 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
602974	1/2/2024 - 1/8/2024	Beta	2.28E-02	3.09E-03	3.06E-03
603875	1/8/2024 - 1/16/2024	Beta	2.44E-02	2.95E-03	2.73E-03
603987	1/16/2024 - 1/22/2024	Beta	2.52E-02	3.64E-03	3.81E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
604231	1/22/2024 - 1/29/2024	Beta	9.32E-03	2.51E-03	3.36E-03
604545	1/29/2024 - 2/5/2024	Beta	1.62E-02	2.45E-03	2.55E-03
604829	2/5/2024 - 2/12/2024	Beta	1.66E-02	2.79E-03	3.01E-03
605153	2/12/2024 - 2/19/2024	Beta	2.04E-02	2.70E-03	2.69E-03
606278	2/19/2024 - 2/26/2024	Beta	2.50E-02	2.90E-03	2.61E-03
607159	2/26/2024 - 3/4/2024	Beta	1.56E-02	2.46E-03	2.66E-03
607695	3/4/2024 - 3/11/2024	Beta	1.27E-02	2.38E-03	2.81E-03
608932	3/11/2024 - 3/18/2024	Beta	2.40E-02	3.29E-03	3.41E-03
609343	3/18/2024 - 3/25/2024	Beta	2.24E-02	3.17E-03	3.28E-03
609532	3/25/2024 - 4/1/2024	Beta	2.39E-02	2.84E-03	2.61E-03
609990	1/2/2024 - 4/1/2024	Cs-134	<1.95E-03	0.00E+00	1.95E-03
		Cs-137	<1.05E-03	0.00E+00	1.05E-03
		Be-7	1.20E-01	3.49E-02	3.52E-02
		K-40	3.58E-02	1.59E-02	4.61E-03
609983	4/1/2024 - 4/8/2024	Beta	1.63E-02	2.91E-03	3.40E-03
610504	4/8/2024 - 4/15/2024	Beta	2.01E-02	2.63E-03	2.47E-03
611041	4/15/2024 - 4/22/2024	Beta	2.76E-02	3.37E-03	3.12E-03
611211	4/22/2024 - 4/29/2024	Beta	2.33E-02	3.13E-03	3.07E-03
611550	4/29/2024 - 5/6/2024	Beta	1.74E-02	2.56E-03	2.66E-03
611799	5/6/2024 - 5/13/2024	Beta	1.44E-02	2.67E-03	3.04E-03
612307	5/13/2024 - 5/20/2024	Beta	1.17E-02	2.60E-03	3.23E-03
612575	5/20/2024 - 5/28/2024	Beta	1.88E-02	2.41E-03	2.36E-03
612748	5/28/2024 - 6/3/2024	Beta	2.15E-02	3.52E-03	3.88E-03
613583	6/3/2024 - 6/10/2024	Beta	2.03E-02	3.00E-03	3.03E-03
614101	6/10/2024 - 6/17/2024	Beta	3.01E-02	3.55E-03	3.22E-03
614337	6/17/2024 - 6/24/2024	Beta	1.52E-02	2.86E-03	3.40E-03
614509	6/24/2024 - 7/1/2024	Beta	2.34E-02	3.18E-03	3.21E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614736	4/1/2024 - 7/1/2024	Cs-134	<1.82E-03	0.00E+00	1.82E-03
		Cs-137	<1.71E-03	0.00E+00	1.71E-03
		Be-7	1.45E-01	3.99E-02	4.21E-02
		K-40	<2.88E-02	0.00E+00	2.88E-02
614729	7/1/2024 - 7/8/2024	Beta	1.88E-02	2.66E-03	2.77E-03
615117	7/8/2024 - 7/15/2024	Beta	2.02E-02	2.73E-03	2.80E-03
615928	7/15/2024 - 7/22/2024	Beta	2.13E-02	3.16E-03	3.36E-03
616390	7/22/2024 - 7/29/2024	Beta	2.05E-02	3.03E-03	3.15E-03
616662	7/29/2024 - 8/5/2024	Beta	1.92E-02	2.68E-03	2.78E-03
617059	8/5/2024 - 8/12/2024	Beta	1.90E-02	2.67E-03	2.75E-03
617541	8/12/2024 - 8/19/2024	Beta	3.34E-02	3.31E-03	2.89E-03
618035	8/19/2024 - 8/26/2024	Beta	2.64E-02	3.05E-03	2.96E-03
618215	8/26/2024 - 9/3/2024	Beta	3.09E-02	2.94E-03	2.49E-03
618448	9/3/2024 - 9/9/2024	Beta	1.66E-02	3.29E-03	4.00E-03
619522	9/9/2024 - 9/16/2024	Beta	2.88E-02	3.69E-03	3.91E-03
619801	9/16/2024 - 9/23/2024	Beta	2.07E-02	3.02E-03	3.11E-03
620184	9/23/2024 - 9/30/2024	Beta	2.74E-02	3.45E-03	3.36E-03
620395	7/1/2024 - 9/30/2024	Cs-134	<1.27E-03	0.00E+00	1.27E-03
		Cs-137	<1.47E-03	0.00E+00	1.47E-03
		Be-7	1.43E-01	3.79E-02	3.73E-02
		K-40	1.96E-02	1.42E-02	1.79E-02
620389	9/30/2024 - 10/7/2024	Beta	3.34E-02	3.27E-03	2.78E-03
620692	10/7/2024 - 10/14/2024	Beta	3.64E-02	3.86E-03	3.53E-03
621262	10/14/2024 - 10/21/2024	Beta	2.00E-02	2.98E-03	2.99E-03
621656	10/21/2024 - 10/28/2024	Beta	4.82E-02	4.18E-03	3.17E-03
622006	10/28/2024 - 11/4/2024	Beta	2.78E-02	3.32E-03	3.03E-03
622276	11/4/2024 - 11/11/2024	Beta	2.01E-02	2.71E-03	2.70E-03
622639	11/11/2024 - 11/18/2024	Beta	2.41E-02	2.84E-03	2.60E-03
622919	11/18/2024 - 11/25/2024	Beta	2.69E-02	3.27E-03	2.96E-03

Sample Point 120 [INDICATOR - NNE @ 0.46 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
623243	11/25/2024 - 12/2/2024	Beta	2.65E-02	3.34E-03	3.24E-03
624078	12/2/2024 - 12/9/2024	Beta	2.81E-02	3.59E-03	3.74E-03
624610	12/9/2024 - 12/16/2024	Beta	2.65E-02	3.32E-03	3.14E-03
624817	12/16/2024 - 12/23/2024	Beta	1.49E-02	2.68E-03	2.98E-03
625032	12/23/2024 - 12/30/2024	Beta	2.36E-02	3.27E-03	3.35E-03
625258	9/30/2024 - 12/30/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.59E-03	0.00E+00	1.59E-03
		Be-7	1.24E-01	3.67E-02	3.31E-02
		K-40	<3.91E-02	0.00E+00	3.91E-02

Sample Point 121 [INDICATOR - NE @ 0.47 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
602975	1/2/2024 - 1/8/2024	Beta	2.47E-02	3.18E-03	3.06E-03
603876	1/8/2024 - 1/16/2024	Beta	2.53E-02	2.98E-03	2.73E-03
603988	1/16/2024 - 1/22/2024	Beta	2.61E-02	3.66E-03	3.79E-03
604232	1/22/2024 - 1/29/2024	Beta	1.07E-02	2.62E-03	3.40E-03
604546	1/29/2024 - 2/5/2024	Beta	2.11E-02	2.69E-03	2.55E-03
604830	2/5/2024 - 2/12/2024	Beta	1.52E-02	2.72E-03	3.01E-03
605154	2/12/2024 - 2/19/2024	Beta	2.69E-02	2.98E-03	2.68E-03
606279	2/19/2024 - 2/26/2024	Beta	2.38E-02	2.84E-03	2.61E-03
607160	2/26/2024 - 3/4/2024	Beta	1.87E-02	2.61E-03	2.66E-03
607696	3/4/2024 - 3/11/2024	Beta	1.20E-02	2.34E-03	2.80E-03
608933	3/11/2024 - 3/18/2024	Beta	2.62E-02	3.38E-03	3.41E-03
609344	3/18/2024 - 3/25/2024	Beta	1.59E-02	2.85E-03	3.28E-03
609533	3/25/2024 - 4/1/2024	Beta	2.39E-02	2.84E-03	2.62E-03
609991	1/2/2024 - 4/1/2024	Cs-134	<9.97E-04	0.00E+00	9.97E-04
		Cs-137	<1.56E-03	0.00E+00	1.56E-03
		Be-7	1.28E-01	3.85E-02	4.33E-02
		K-40	<3.17E-02	0.00E+00	3.17E-02
609984	4/1/2024 - 4/8/2024	Beta	1.17E-02	2.69E-03	3.43E-03
610505	4/8/2024 - 4/15/2024	Beta	2.05E-02	2.63E-03	2.44E-03

Sample Point 121 [INDICATOR - NE @ 0.47 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
611042	4/15/2024 - 4/22/2024	Beta	2.65E-02	3.28E-03	3.06E-03
611212	4/22/2024 - 4/29/2024	Beta	2.56E-02	3.29E-03	3.15E-03
611551	4/29/2024 - 5/6/2024	Beta	1.73E-02	2.55E-03	2.66E-03
611800	5/6/2024 - 5/13/2024	Beta	1.66E-02	2.78E-03	3.03E-03
612308	5/13/2024 - 5/20/2024	Beta	1.57E-02	2.82E-03	3.25E-03
612576	5/20/2024 - 5/28/2024	Beta	1.79E-02	2.38E-03	2.36E-03
612749	5/28/2024 - 6/3/2024	Beta	1.97E-02	3.42E-03	3.88E-03
613584	6/3/2024 - 6/10/2024	Beta	1.90E-02	2.93E-03	3.03E-03
614102	6/10/2024 - 6/17/2024	Beta	3.26E-02	3.65E-03	3.20E-03
614338	6/17/2024 - 6/24/2024	Beta	1.98E-02	3.08E-03	3.40E-03
614510	6/24/2024 - 7/1/2024	Beta	2.31E-02	3.17E-03	3.23E-03
614737	4/1/2024 - 7/1/2024	Cs-134	<1.27E-03	0.00E+00	1.27E-03
		Cs-137	<1.21E-03	0.00E+00	1.21E-03
		Be-7	1.79E-01	4.01E-02	3.21E-02
		K-40	<4.07E-02	0.00E+00	4.07E-02

Sample Point 125 [INDICATOR - SW @ 0.38 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602976	1/2/2024 - 1/8/2024	Beta	1.69E-02	2.80E-03	3.06E-03
603877	1/8/2024 - 1/16/2024	Beta	2.24E-02	2.86E-03	2.74E-03
603989	1/16/2024 - 1/22/2024	Beta	1.76E-02	3.25E-03	3.81E-03
604233	1/22/2024 - 1/29/2024	Beta	4.85E-03	2.26E-03	3.40E-03
604547	1/29/2024 - 2/5/2024	Beta	1.36E-02	2.31E-03	2.55E-03
604831	2/5/2024 - 2/12/2024	Beta	1.26E-02	2.56E-03	3.00E-03
605155	2/12/2024 - 2/19/2024	Beta	1.63E-02	2.49E-03	2.67E-03
606280	2/19/2024 - 2/26/2024	Beta	2.00E-02	2.68E-03	2.63E-03
607161	2/26/2024 - 3/4/2024	Beta	1.41E-02	2.39E-03	2.66E-03
607697	3/4/2024 - 3/11/2024	Beta	9.30E-03	2.17E-03	2.78E-03
608934	3/11/2024 - 3/18/2024	Beta	1.98E-02	3.09E-03	3.42E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
609345	3/18/2024 - 3/25/2024	Beta	1.72E-02	2.93E-03	3.30E-03
609534	3/25/2024 - 4/1/2024	Beta	1.78E-02	2.56E-03	2.62E-03
609992	1/2/2024 - 4/1/2024	Cs-134	<2.45E-03	0.00E+00	2.45E-03
		Cs-137	<1.51E-03	0.00E+00	1.51E-03
		Be-7	1.05E-01	3.33E-02	3.51E-02
		K-40	<3.82E-02	0.00E+00	3.82E-02
609985	4/1/2024 - 4/8/2024	Beta	1.28E-02	2.74E-03	3.43E-03
610506	4/8/2024 - 4/15/2024	Beta	1.59E-02	2.39E-03	2.43E-03
611043	4/15/2024 - 4/22/2024	Beta	2.42E-02	3.20E-03	3.11E-03
611213	4/22/2024 - 4/29/2024	Beta	1.84E-02	2.91E-03	3.11E-03
611552	4/29/2024 - 5/6/2024	Beta	1.32E-02	2.35E-03	2.66E-03
611801	5/6/2024 - 5/13/2024	Beta	1.36E-02	2.61E-03	3.01E-03
612309	5/13/2024 - 5/20/2024	Beta	1.09E-02	2.57E-03	3.26E-03
612577	5/20/2024 - 5/28/2024	Beta	1.49E-02	2.23E-03	2.36E-03
612750	5/28/2024 - 6/3/2024	Beta	1.47E-02	3.17E-03	3.89E-03
613585	6/3/2024 - 6/10/2024	Beta	1.66E-02	2.81E-03	3.03E-03
614103	6/10/2024 - 6/17/2024	Beta	2.17E-02	3.14E-03	3.18E-03
614339	6/17/2024 - 6/24/2024	Beta	1.37E-02	2.78E-03	3.41E-03
614511	6/24/2024 - 7/1/2024	Beta	1.80E-02	2.94E-03	3.24E-03
614738	4/1/2024 - 7/1/2024	Cs-134	<1.79E-03	0.00E+00	1.79E-03
		Cs-137	<1.94E-03	0.00E+00	1.94E-03
		Be-7	1.26E-01	3.58E-02	3.29E-02
		K-40	<3.97E-02	0.00E+00	3.97E-02
614731	7/1/2024 - 7/8/2024	Beta	1.46E-02	2.46E-03	2.77E-03
615119	7/8/2024 - 7/15/2024	Beta	1.85E-02	2.66E-03	2.82E-03
615929	7/15/2024 - 7/22/2024	Beta	1.61E-02	2.90E-03	3.36E-03
616391	7/22/2024 - 7/29/2024	Beta	1.45E-02	2.72E-03	3.14E-03
616663	7/29/2024 - 8/5/2024	Beta	1.45E-02	2.47E-03	2.80E-03
617060	8/5/2024 - 8/12/2024	Beta	1.43E-02	2.43E-03	2.74E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
617542	8/12/2024 - 8/19/2024	Beta	2.58E-02	3.01E-03	2.89E-03
618036	8/19/2024 - 8/26/2024	Beta	1.97E-02	2.76E-03	2.96E-03
618216	8/26/2024 - 9/3/2024	Beta	2.39E-02	2.68E-03	2.49E-03
618449	9/3/2024 - 9/9/2024	Beta	1.42E-02	3.16E-03	4.00E-03
619523	9/9/2024 - 9/16/2024	Beta	2.28E-02	3.40E-03	3.86E-03
619802	9/16/2024 - 9/23/2024	Beta	1.37E-02	2.67E-03	3.14E-03
620185	9/23/2024 - 9/30/2024	Beta	2.12E-02	3.17E-03	3.37E-03
620397	7/1/2024 - 9/30/2024	Cs-134	<1.82E-03	0.00E+00	1.82E-03
		Cs-137	<1.49E-03	0.00E+00	1.49E-03
		Be-7	1.19E-01	3.61E-02	3.81E-02
		K-40	4.27E-02	1.74E-02	4.63E-03
620390	9/30/2024 - 10/7/2024	Beta	2.59E-02	2.97E-03	2.78E-03
620693	10/7/2024 - 10/14/2024	Beta	2.34E-02	3.31E-03	3.53E-03
621263	10/14/2024 - 10/21/2024	Beta	1.85E-02	2.90E-03	2.99E-03
621657	10/21/2024 - 10/28/2024	Beta	3.03E-02	3.48E-03	3.14E-03
622007	10/28/2024 - 11/4/2024	Beta	2.37E-02	3.16E-03	3.07E-03
622277	11/4/2024 - 11/11/2024	Beta	1.56E-02	2.48E-03	2.68E-03
622640	11/11/2024 - 11/18/2024	Beta	1.73E-02	2.53E-03	2.61E-03
622920	11/18/2024 - 11/25/2024	Beta	1.62E-02	2.75E-03	2.97E-03
623244	11/25/2024 - 12/2/2024	Beta	2.05E-02	3.06E-03	3.23E-03
624079	12/2/2024 - 12/9/2024	Beta	2.36E-02	3.39E-03	3.72E-03
624611	12/9/2024 - 12/16/2024	Beta	1.93E-02	2.96E-03	3.13E-03
624818	12/16/2024 - 12/23/2024	Beta	1.21E-02	2.55E-03	3.03E-03
625033	12/23/2024 - 12/30/2024	Beta	1.68E-02	2.92E-03	3.33E-03
625260	9/30/2024 - 12/30/2024	Cs-134	<1.26E-03	0.00E+00	1.26E-03
		Cs-137	<1.99E-03	0.00E+00	1.99E-03
		Be-7	7.44E-02	2.94E-02	3.30E-02
		K-40	<3.14E-02	0.00E+00	3.14E-02

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602977	1/2/2024 - 1/8/2024	Beta	1.96E-02	2.90E-03	3.01E-03
603878	1/8/2024 - 1/16/2024	Beta	2.45E-02	2.96E-03	2.76E-03
603990	1/16/2024 - 1/22/2024	Beta	2.54E-02	3.62E-03	3.78E-03
604234	1/22/2024 - 1/29/2024	Beta	7.87E-03	2.49E-03	3.46E-03
604548	1/29/2024 - 2/5/2024	Beta	1.57E-02	2.44E-03	2.57E-03
604832	2/5/2024 - 2/12/2024	Beta	1.31E-02	2.58E-03	2.97E-03
605156	2/12/2024 - 2/19/2024	Beta	2.49E-02	2.87E-03	2.65E-03
606281	2/19/2024 - 2/26/2024	Beta	2.64E-02	2.99E-03	2.66E-03
607162	2/26/2024 - 3/4/2024	Beta	1.59E-02	2.49E-03	2.68E-03
607698	3/4/2024 - 3/11/2024	Beta	1.24E-02	2.35E-03	2.77E-03
608935	3/11/2024 - 3/18/2024	Beta	2.32E-02	3.22E-03	3.37E-03
609346	3/18/2024 - 3/25/2024	Beta	1.90E-02	3.04E-03	3.33E-03
609535	3/25/2024 - 4/1/2024	Beta	2.04E-02	2.69E-03	2.64E-03
609993	1/2/2024 - 4/1/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.23E-03	0.00E+00	1.23E-03
		Be-7	1.14E-01	3.37E-02	3.35E-02
		K-40	<3.84E-02	0.00E+00	3.84E-02
609986	4/1/2024 - 4/8/2024	Beta	1.32E-02	2.75E-03	3.41E-03
610507	4/8/2024 - 4/15/2024	Beta	2.06E-02	2.61E-03	2.41E-03
611044	4/15/2024 - 4/22/2024	Beta	2.69E-02	3.35E-03	3.14E-03
611214	4/22/2024 - 4/29/2024	Beta	2.51E-02	3.25E-03	3.13E-03
611553	4/29/2024 - 5/6/2024	Beta	1.75E-02	2.56E-03	2.65E-03
611802	5/6/2024 - 5/13/2024	Beta	1.94E-02	2.90E-03	2.98E-03
612310	5/13/2024 - 5/20/2024	Beta	1.17E-02	2.64E-03	3.30E-03
612578	5/20/2024 - 5/28/2024	Beta	1.71E-02	2.36E-03	2.39E-03
612751	5/28/2024 - 6/3/2024	Beta	1.65E-02	3.26E-03	3.89E-03
613586	6/3/2024 - 6/10/2024	Beta	2.05E-02	3.00E-03	3.03E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614104	6/10/2024 - 6/17/2024	Beta	2.73E-02	3.34E-03	3.09E-03
614340	6/17/2024 - 6/24/2024	Beta	1.89E-02	3.07E-03	3.47E-03
614512	6/24/2024 - 7/1/2024	Beta	2.24E-02	3.20E-03	3.31E-03
614739	4/1/2024 - 7/1/2024	Cs-134	<2.09E-03	0.00E+00	2.09E-03
		Cs-137	<1.49E-03	0.00E+00	1.49E-03
		Be-7	1.17E-01	3.86E-02	4.56E-02
		K-40	4.93E-02	2.08E-02	1.93E-02
614732	7/1/2024 - 7/8/2024	Beta	1.36E-02	2.40E-03	2.76E-03
615120	7/8/2024 - 7/15/2024	Beta	1.92E-02	2.71E-03	2.83E-03
615930	7/15/2024 - 7/22/2024	Beta	1.93E-02	3.07E-03	3.37E-03
616392	7/22/2024 - 7/29/2024	Beta	1.82E-02	2.92E-03	3.15E-03
616664	7/29/2024 - 8/5/2024	Beta	1.64E-02	2.56E-03	2.79E-03
617061	8/5/2024 - 8/12/2024	Beta	1.60E-02	2.52E-03	2.74E-03
617543	8/12/2024 - 8/19/2024	Beta	2.73E-02	3.07E-03	2.89E-03
618037	8/19/2024 - 8/26/2024	Beta	2.27E-02	2.90E-03	2.96E-03
618217	8/26/2024 - 9/3/2024	Beta	3.36E-02	3.06E-03	2.52E-03
618450	9/3/2024 - 9/9/2024	Beta	1.86E-02	3.39E-03	4.00E-03
619524	9/9/2024 - 9/16/2024	Beta	2.39E-02	3.44E-03	3.85E-03
619803	9/16/2024 - 9/23/2024	Beta	1.62E-02	2.81E-03	3.15E-03
620186	9/23/2024 - 9/30/2024	Beta	2.81E-02	3.48E-03	3.37E-03
620398	7/1/2024 - 9/30/2024	Cs-134	<1.97E-03	0.00E+00	1.97E-03
		Cs-137	<1.38E-03	0.00E+00	1.38E-03
		Be-7	1.06E-01	3.33E-02	3.53E-02
		K-40	<2.86E-02	0.00E+00	2.86E-02
620391	9/30/2024 - 10/7/2024	Beta	2.65E-02	3.00E-03	2.79E-03
620694	10/7/2024 - 10/14/2024	Beta	3.46E-02	3.78E-03	3.52E-03
621264	10/14/2024 - 10/21/2024	Beta	2.24E-02	3.10E-03	3.00E-03
621658	10/21/2024 - 10/28/2024	Beta	4.45E-02	3.98E-03	3.07E-03
622008	10/28/2024 - 11/4/2024	Beta	2.82E-02	3.40E-03	3.12E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 133 [INDICATOR - ENE @ 6.23 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
622278	11/4/2024 - 11/11/2024	Beta	1.76E-02	2.57E-03	2.67E-03
622641	11/11/2024 - 11/18/2024	Beta	2.37E-02	2.83E-03	2.61E-03
622921	11/18/2024 - 11/25/2024	Beta	2.27E-02	3.07E-03	2.97E-03
623245	11/25/2024 - 12/2/2024	Beta	2.59E-02	3.31E-03	3.24E-03
624080	12/2/2024 - 12/9/2024	Beta	2.92E-02	3.59E-03	3.66E-03
624612	12/9/2024 - 12/16/2024	Beta	2.36E-02	3.12E-03	3.04E-03
624819	12/16/2024 - 12/23/2024	Beta	1.54E-02	2.81E-03	3.14E-03
625034	12/23/2024 - 12/30/2024	Beta	2.77E-02	3.44E-03	3.34E-03
625261	9/30/2024 - 12/30/2024	Cs-134	<1.02E-03	0.00E+00	1.02E-03
		Cs-137	<1.69E-03	0.00E+00	1.69E-03
		Be-7	1.15E-01	4.12E-02	5.04E-02
		K-40	3.89E-02	1.65E-02	4.58E-03

Sample Point 195 [INDICATOR - N @ 0.19 miles]

Sample ID:	Sample Dates	Nuclide	Activity	2 Sigma Error	MDA
602978	1/2/2024 - 1/8/2024	Beta	2.39E-02	3.14E-03	3.06E-03
603879	1/8/2024 - 1/16/2024	Beta	2.54E-02	2.99E-03	2.73E-03
603991	1/16/2024 - 1/22/2024	Beta	2.53E-02	3.64E-03	3.81E-03
604235	1/22/2024 - 1/29/2024	Beta	8.96E-03	2.50E-03	3.37E-03
604549	1/29/2024 - 2/5/2024	Beta	1.75E-02	2.51E-03	2.55E-03
604833	2/5/2024 - 2/12/2024	Beta	1.61E-02	2.76E-03	3.00E-03
605157	2/12/2024 - 2/19/2024	Beta	2.57E-02	2.93E-03	2.69E-03
606282	2/19/2024 - 2/26/2024	Beta	2.36E-02	2.83E-03	2.61E-03
607163	2/26/2024 - 3/4/2024	Beta	2.06E-02	2.70E-03	2.66E-03
607699	3/4/2024 - 3/11/2024	Beta	1.28E-02	2.39E-03	2.80E-03
608936	3/11/2024 - 3/18/2024	Beta	2.68E-02	3.40E-03	3.41E-03
609347	3/18/2024 - 3/25/2024	Beta	1.93E-02	3.03E-03	3.28E-03
609536	3/25/2024 - 4/1/2024	Beta	2.80E-02	3.00E-03	2.61E-03
609994	1/2/2024 - 4/1/2024	Cs-134	<1.93E-03	0.00E+00	1.93E-03
		Cs-137	<8.87E-04	0.00E+00	8.86E-04
		Be-7	1.21E-01	3.57E-02	3.50E-02

MCGUIRE Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 195 [INDICATOR - N @ 0.19 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
609994	1/2/2024 - 4/1/2024	K-40	<4.03E-02	0.00E+00	4.03E-02
609987	4/1/2024 - 4/8/2024	Beta	1.39E-02	2.81E-03	3.44E-03
610508	4/8/2024 - 4/13/2024	Beta	2.09E-02	3.22E-03	3.31E-03
611045	4/15/2024 - 4/22/2024	Beta	2.72E-02	3.30E-03	3.05E-03
611215	4/22/2024 - 4/29/2024	Beta	2.53E-02	3.28E-03	3.15E-03
611554	4/29/2024 - 5/6/2024	Beta	1.75E-02	2.57E-03	2.66E-03
611803	5/6/2024 - 5/13/2024	Beta	1.84E-02	2.88E-03	3.03E-03
612311	5/13/2024 - 5/20/2024	Beta	1.13E-02	2.58E-03	3.24E-03
612579	5/20/2024 - 5/28/2024	Beta	2.00E-02	2.46E-03	2.36E-03
612752	5/28/2024 - 6/3/2024	Beta	1.94E-02	3.41E-03	3.89E-03
613587	6/3/2024 - 6/10/2024	Beta	2.07E-02	3.02E-03	3.03E-03
614105	6/10/2024 - 6/17/2024	Beta	3.15E-02	3.61E-03	3.21E-03
614341	6/17/2024 - 6/24/2024	Beta	1.72E-02	2.96E-03	3.40E-03
614513	6/24/2024 - 7/1/2024	Beta	2.41E-02	3.22E-03	3.22E-03
614740	4/1/2024 - 7/1/2024	Cs-134	<2.17E-03	0.00E+00	2.17E-03
		Cs-137	<1.20E-03	0.00E+00	1.20E-03
		Be-7	1.71E-01	3.88E-02	2.96E-02
		K-40	<2.70E-02	0.00E+00	2.70E-02
614733	7/1/2024 - 7/8/2024	Beta	1.82E-02	2.64E-03	2.78E-03
615121	7/8/2024 - 7/15/2024	Beta	2.15E-02	2.81E-03	2.83E-03
615931	7/15/2024 - 7/22/2024	Beta	1.97E-02	3.08E-03	3.36E-03
616393	7/22/2024 - 7/29/2024	Beta	1.84E-02	2.93E-03	3.15E-03
616665	7/29/2024 - 8/5/2024	Beta	1.99E-02	2.72E-03	2.78E-03
617062	8/5/2024 - 8/12/2024	Beta	1.79E-02	2.61E-03	2.75E-03
617544	8/12/2024 - 8/19/2024	Beta	3.56E-02	3.39E-03	2.89E-03
618038	8/19/2024 - 8/26/2024	Beta	2.41E-02	2.97E-03	2.96E-03
618218	8/26/2024 - 9/3/2024	Beta	3.54E-02	3.10E-03	2.49E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 195 [INDICATOR - N @ 0.19 miles]

Sample ID:	618451	Sample Dates: 9/3/2024 - 9/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.25E-02	3.59E-03	4.00E-03
Sample ID:	**619525**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.62E-02	3.58E-03	3.91E-03
Sample ID:	**619804**	**Sample Dates: 9/16/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	1.68E-02	2.82E-03	3.12E-03
Sample ID:	**620187**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	3.32E-02	3.70E-03	3.36E-03
Sample ID:	**620399**	**Sample Dates: 7/1/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Cs-134	<1.75E-03	0.00E+00	1.75E-03
			Cs-137	<2.96E-04	0.00E+00	2.96E-04
			Be-7	1.35E-01	3.54E-02	3.24E-02
			K-40	<3.42E-02	0.00E+00	3.42E-02
Sample ID:	**620392**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	3.04E-02	3.15E-03	2.78E-03
Sample ID:	**620695**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	3.47E-02	3.79E-03	3.53E-03
Sample ID:	**621265**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.42E-02	3.18E-03	2.99E-03
Sample ID:	**621659**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	4.57E-02	4.10E-03	3.16E-03
Sample ID:	**622009**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.98E-02	3.41E-03	3.03E-03
Sample ID:	**622279**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	1.74E-02	2.58E-03	2.70E-03
Sample ID:	**622642**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.48E-02	2.87E-03	2.60E-03
Sample ID:	**622922**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.49E-02	3.19E-03	2.97E-03
Sample ID:	**623246**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.77E-02	3.39E-03	3.23E-03
Sample ID:	**624081**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	3.43E-02	3.84E-03	3.73E-03
Sample ID:	**624613**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.50E-02	3.25E-03	3.14E-03
Sample ID:	**624820**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	1.47E-02	2.69E-03	3.00E-03
Sample ID:	**625035**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.49E-02	3.31E-03	3.34E-03
Sample ID:	**625262**	**Sample Dates: 9/30/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Cs-134	<1.80E-03	0.00E+00	1.80E-03
			Cs-137	<2.02E-03	0.00E+00	2.02E-03
			Be-7	1.03E-01	3.82E-02	4.39E-02
			K-40	<3.43E-02	0.00E+00	3.43E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 102 [CONTROL - WNW @ 9.89 miles]

Sample ID:	602986	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.83E-02	0.00E+00	4.83E-02
			Cs-134	<3.35E-02	0.00E+00	3.35E-02
			Cs-137	<3.64E-02	0.00E+00	3.64E-02
			Be-7	<3.05E-01	0.00E+00	3.05E-01
			K-40	5.69E-01	3.36E-01	3.97E-01

Sample ID:	603880	Sample Dates: 1/8/2024 - 1/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.82E-02	0.00E+00	3.82E-02
			Cs-134	<2.67E-02	0.00E+00	2.67E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<1.94E-01	0.00E+00	1.94E-01
			K-40	<7.12E-01	0.00E+00	7.12E-01
Sample ID:	**603992**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.04E-02	0.00E+00	5.04E-02
			Cs-134	<3.30E-02	0.00E+00	3.30E-02
			Cs-137	<3.03E-02	0.00E+00	3.03E-02
			Be-7	<2.85E-01	0.00E+00	2.85E-01
			K-40	9.22E-01	3.94E-01	3.66E-01
Sample ID:	**604236**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<3.47E-02	0.00E+00	3.47E-02
			Cs-137	<2.64E-02	0.00E+00	2.64E-02
			Be-7	<2.82E-01	0.00E+00	2.82E-01
			K-40	8.41E-01	3.42E-01	2.84E-01
Sample ID:	**604550**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.98E-02	0.00E+00	4.98E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	<7.31E-01	0.00E+00	7.31E-01
Sample ID:	**604834**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.89E-02	0.00E+00	4.89E-02
			Cs-134	<3.77E-02	0.00E+00	3.77E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	6.26E-01	2.71E-01	7.71E-02
Sample ID:	**605158**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.24E-02	0.00E+00	3.24E-02
			Cs-134	<3.38E-02	0.00E+00	3.38E-02
			Cs-137	<2.19E-02	0.00E+00	2.19E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	<6.89E-01	0.00E+00	6.89E-01
Sample ID:	**606283**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	5.24E-01	3.57E-01	4.98E-01
Sample ID:	**607164**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02
			Cs-137	<3.10E-02	0.00E+00	3.10E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	<6.74E-01	0.00E+00	6.74E-01
Sample ID:	**607700**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.30E-02	0.00E+00	3.30E-02
			Cs-134	<2.57E-02	0.00E+00	2.57E-02
			Cs-137	<3.18E-02	0.00E+00	3.18E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	8.99E-01	3.26E-01	7.61E-02
Sample ID:	**608937**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.13E-02	0.00E+00	5.13E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.60E-01	0.00E+00	2.60E-01
			K-40	4.99E-01	2.62E-01	2.47E-01

MCGUIRE Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 102 [CONTROL - WNW @ 9.89 miles]

Sample ID: 609348 **Sample Dates: 3/18/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.57E-02	0.00E+00	3.57E-02
Cs-134	<2.65E-02	0.00E+00	2.65E-02
Cs-137	<2.84E-02	0.00E+00	2.84E-02
Be-7	<2.13E-01	0.00E+00	2.13E-01
K-40	4.50E-01	3.58E-01	5.30E-01

Sample ID: 609537 **Sample Dates: 3/25/2024 - 4/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.74E-02	0.00E+00	3.74E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<2.01E-02	0.00E+00	2.01E-02
Be-7	<1.82E-01	0.00E+00	1.82E-01
K-40	<6.89E-01	0.00E+00	6.89E-01

Sample ID: 609995 **Sample Dates: 4/1/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.52E-02	0.00E+00	3.52E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	1.02E+00	4.11E-01	4.31E-01

Sample ID: 610509 **Sample Dates: 4/8/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.71E-02	0.00E+00	4.71E-02
Cs-134	<3.38E-02	0.00E+00	3.38E-02
Cs-137	<2.57E-02	0.00E+00	2.57E-02
Be-7	<2.58E-01	0.00E+00	2.58E-01
K-40	6.90E-01	3.29E-01	3.51E-01

Sample ID: 611046 **Sample Dates: 4/15/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.63E-02	0.00E+00	3.63E-02
Cs-134	<3.11E-02	0.00E+00	3.11E-02
Cs-137	<2.66E-02	0.00E+00	2.66E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	6.89E-01	3.03E-01	2.34E-01

Sample ID: 611216 **Sample Dates: 4/22/2024 - 4/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.75E-02	0.00E+00	3.75E-02
Cs-134	<2.63E-02	0.00E+00	2.63E-02
Cs-137	<2.46E-02	0.00E+00	2.46E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	<5.62E-01	0.00E+00	5.62E-01

Sample ID: 611555 **Sample Dates: 4/29/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.67E-02	0.00E+00	4.67E-02
Cs-134	<3.74E-02	0.00E+00	3.74E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<2.35E-01	0.00E+00	2.35E-01
K-40	5.18E-01	2.73E-01	2.74E-01

Sample ID: 611804 **Sample Dates: 5/6/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.23E-02	0.00E+00	4.23E-02
Cs-134	<1.98E-02	0.00E+00	1.98E-02
Cs-137	<2.89E-02	0.00E+00	2.89E-02
Be-7	<2.93E-01	0.00E+00	2.93E-01
K-40	<6.87E-01	0.00E+00	6.87E-01

Sample ID: 612312 **Sample Dates: 5/13/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.78E-02	0.00E+00	4.78E-02
Cs-134	<2.93E-02	0.00E+00	2.93E-02
Cs-137	<2.51E-02	0.00E+00	2.51E-02
Be-7	<2.53E-01	0.00E+00	2.53E-01
K-40	5.97E-01	3.38E-01	4.17E-01

Sample ID: 612580 **Sample Dates: 5/20/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.06E-02	0.00E+00	4.06E-02
Cs-134	<3.00E-02	0.00E+00	3.00E-02
Cs-137	<2.57E-02	0.00E+00	2.57E-02
Be-7	<2.22E-01	0.00E+00	2.22E-01
K-40	7.70E-01	2.83E-01	6.73E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 102 [CONTROL - WNW @ 9.89 miles]

Sample ID: 612753 **Sample Dates: 5/28/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.14E-02	0.00E+00	5.14E-02
Cs-134	<3.32E-02	0.00E+00	3.32E-02
Cs-137	<2.34E-02	0.00E+00	2.34E-02
Be-7	<2.63E-01	0.00E+00	2.63E-01
K-40	6.37E-01	3.35E-01	3.50E-01

Sample ID: 613588 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.80E-02	0.00E+00	4.80E-02
Cs-134	<2.58E-02	0.00E+00	2.58E-02
Cs-137	<2.21E-02	0.00E+00	2.21E-02
Be-7	<2.57E-01	0.00E+00	2.57E-01
K-40	6.21E-01	3.28E-01	3.84E-01

Sample ID: 614106 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.05E-02	0.00E+00	4.05E-02
Cs-134	<3.05E-02	0.00E+00	3.05E-02
Cs-137	<3.84E-02	0.00E+00	3.84E-02
Be-7	<2.30E-01	0.00E+00	2.30E-01
K-40	5.97E-01	2.65E-01	7.70E-02

Sample ID: 614342 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.02E-02	0.00E+00	5.02E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<3.21E-02	0.00E+00	3.21E-02
Be-7	<1.95E-01	0.00E+00	1.95E-01
K-40	<5.53E-01	0.00E+00	5.53E-01

Sample ID: 614514 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.29E-02	0.00E+00	3.29E-02
Cs-134	<2.37E-02	0.00E+00	2.37E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<2.29E-01	0.00E+00	2.29E-01
K-40	<6.65E-01	0.00E+00	6.65E-01

Sample ID: 614741 **Sample Dates: 7/1/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.15E-02	0.00E+00	4.15E-02
Cs-134	<3.04E-02	0.00E+00	3.04E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	8.23E-01	3.80E-01	4.32E-01

Sample ID: 615122 **Sample Dates: 7/8/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.13E-02	0.00E+00	3.13E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<2.24E-02	0.00E+00	2.24E-02
Be-7	<2.57E-01	0.00E+00	2.57E-01
K-40	8.32E-01	3.16E-01	7.77E-02

Sample ID: 615932 **Sample Dates: 7/15/2024 - 7/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.22E-02	0.00E+00	4.22E-02
Cs-134	<3.61E-02	0.00E+00	3.61E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.01E-01	0.00E+00	2.01E-01
K-40	6.65E-01	3.63E-01	4.57E-01

Sample ID: 616394 **Sample Dates: 7/22/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.67E-02	0.00E+00	3.67E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<3.73E-02	0.00E+00	3.73E-02
Be-7	<2.78E-01	0.00E+00	2.78E-01
K-40	5.13E-01	3.83E-01	5.62E-01

Sample ID: 616666 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.00E-02	0.00E+00	4.00E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.80E-01	0.00E+00	2.80E-01
K-40	7.28E-01	3.14E-01	2.58E-01

Sample ID: 617063 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.88E-02	0.00E+00	4.88E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	<6.72E-01	0.00E+00	6.72E-01

Sample ID: 617545 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.68E-02	0.00E+00	3.68E-02
Cs-134	<3.43E-02	0.00E+00	3.43E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02
Be-7	<2.17E-01	0.00E+00	2.17E-01
K-40	8.60E-01	3.44E-01	2.85E-01

Sample ID: 618039 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.03E-02	0.00E+00	3.03E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<1.69E-01	0.00E+00	1.69E-01
K-40	<6.71E-01	0.00E+00	6.71E-01

Sample ID: 618219 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.18E-02	0.00E+00	3.18E-02
Cs-134	<2.27E-02	0.00E+00	2.27E-02
Cs-137	<2.28E-02	0.00E+00	2.28E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	<5.86E-01	0.00E+00	5.86E-01

Sample ID: 618452 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.19E-02	0.00E+00	4.19E-02
Cs-134	<4.02E-02	0.00E+00	4.02E-02
Cs-137	<2.84E-02	0.00E+00	2.84E-02
Be-7	<3.14E-01	0.00E+00	3.14E-01
K-40	1.09E+00	4.32E-01	3.92E-01

Sample ID: 619526 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.24E-02	0.00E+00	3.24E-02
Cs-134	<3.22E-02	0.00E+00	3.22E-02
Cs-137	<1.98E-02	0.00E+00	1.98E-02
Be-7	<2.00E-01	0.00E+00	2.00E-01
K-40	2.26E-01	2.72E-01	4.38E-01

Sample ID: 619805 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.67E-02	0.00E+00	3.67E-02
Cs-134	<2.36E-02	0.00E+00	2.36E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.73E-01	0.00E+00	2.73E-01
K-40	3.34E-01	3.17E-01	4.87E-01

Sample ID: 620188 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.54E-02	0.00E+00	4.54E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02
Be-7	<2.20E-01	0.00E+00	2.20E-01
K-40	8.36E-01	3.62E-01	3.69E-01

Sample ID: 620400 **Sample Dates: 9/30/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.72E-02	0.00E+00	3.72E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.02E-01	0.00E+00	2.02E-01
K-40	7.45E-01	3.48E-01	3.78E-01

Sample ID: 620696 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.88E-02	0.00E+00	3.88E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<2.46E-02	0.00E+00	2.46E-02
Be-7	<3.03E-01	0.00E+00	3.03E-01
K-40	7.24E-01	3.55E-01	4.04E-01

Sample ID: 621266 **Sample Dates: 10/14/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.28E-02	0.00E+00	3.28E-02
Cs-134	<3.05E-02	0.00E+00	3.05E-02
Cs-137	<3.48E-02	0.00E+00	3.48E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	<5.72E-01	0.00E+00	5.72E-01

Sample ID: 621660 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.56E-02	0.00E+00	3.56E-02
Cs-134	<3.02E-02	0.00E+00	3.02E-02
Cs-137	<2.75E-02	0.00E+00	2.75E-02
Be-7	<2.45E-01	0.00E+00	2.45E-01
K-40	8.96E-01	3.58E-01	3.22E-01

Sample ID: 622010 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.26E-02	0.00E+00	4.26E-02
Cs-134	<2.63E-02	0.00E+00	2.63E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	7.11E-01	3.39E-01	3.62E-01

Sample ID: 622280 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.23E-02	0.00E+00	4.23E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.31E-01	0.00E+00	2.31E-01
K-40	<6.73E-01	0.00E+00	6.73E-01

Sample ID: 622643 **Sample Dates: 11/11/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.92E-02	0.00E+00	3.92E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	9.67E-01	3.40E-01	7.71E-02

Sample ID: 622923 **Sample Dates: 11/18/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.71E-02	0.00E+00	3.71E-02
Cs-134	<3.78E-02	0.00E+00	3.78E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.29E-01	0.00E+00	2.29E-01
K-40	7.41E-01	2.97E-01	7.72E-02

Sample ID: 623247 **Sample Dates: 11/25/2024 - 12/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.65E-02	0.00E+00	3.65E-02
Cs-134	<2.01E-02	0.00E+00	2.01E-02
Cs-137	<3.23E-02	0.00E+00	3.23E-02
Be-7	<1.91E-01	0.00E+00	1.91E-01
K-40	8.73E-01	3.61E-01	3.43E-01

Sample ID: 624082 **Sample Dates: 12/2/2024 - 12/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.20E-02	0.00E+00	4.20E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<1.31E-01	0.00E+00	1.31E-01
K-40	5.68E-01	3.26E-01	4.05E-01

Sample ID: 624614 **Sample Dates: 12/9/2024 - 12/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.96E-02	0.00E+00	4.96E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	4.55E-01	3.12E-01	4.25E-01

Sample ID: 624821 **Sample Dates: 12/16/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.02E-02	0.00E+00	6.02E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.64E-02	0.00E+00	2.64E-02
Be-7	<2.85E-01	0.00E+00	2.85E-01
K-40	8.92E-01	3.28E-01	7.80E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 102 [CONTROL - WNW @ 9.89 miles]

Sample ID:	625036	Sample Dates: 12/23/2024 - 12/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.01E-02	0.00E+00	5.01E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.08E-01	0.00E+00	2.08E-01
			K-40	9.30E-01	3.70E-01	3.42E-01

Sample Point 106 [INDICATOR - E @ 0.47 miles]

Sample ID:	602987	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.52E-02	0.00E+00	4.52E-02
			Cs-134	<6.87E-03	0.00E+00	6.87E-03
			Cs-137	<3.62E-02	0.00E+00	3.62E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	8.58E-01	4.02E-01	4.30E-01
Sample ID:	**603881**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.42E-02	0.00E+00	3.42E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<2.13E-02	0.00E+00	2.13E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	5.74E-01	2.72E-01	2.69E-01
Sample ID:	**603993**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.61E-02	0.00E+00	4.61E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<3.21E-02	0.00E+00	3.21E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	7.69E-01	3.52E-01	3.17E-01
Sample ID:	**604237**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<2.97E-02	0.00E+00	2.97E-02
			Be-7	<2.76E-01	0.00E+00	2.76E-01
			K-40	7.19E-01	3.81E-01	4.80E-01
Sample ID:	**604551**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.10E-02	0.00E+00	4.10E-02
			Cs-134	<3.74E-02	0.00E+00	3.74E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<2.18E-01	0.00E+00	2.18E-01
			K-40	9.58E-01	3.37E-01	7.64E-02
Sample ID:	**604835**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.97E-02	0.00E+00	3.97E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<3.28E-02	0.00E+00	3.28E-02
			Be-7	<2.90E-01	0.00E+00	2.90E-01
			K-40	5.59E-01	3.01E-01	3.32E-01
Sample ID:	**605159**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.91E-02	0.00E+00	3.91E-02
			Cs-134	<3.57E-02	0.00E+00	3.57E-02
			Cs-137	<2.90E-02	0.00E+00	2.90E-02
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	<6.32E-01	0.00E+00	6.32E-01
Sample ID:	**606284**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.63E-02	0.00E+00	3.63E-02
			Cs-134	<3.47E-02	0.00E+00	3.47E-02
			Cs-137	<2.81E-02	0.00E+00	2.81E-02
			Be-7	<2.85E-01	0.00E+00	2.85E-01
			K-40	9.79E-01	3.99E-01	4.09E-01
Sample ID:	**607165**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.11E-02	0.00E+00	4.11E-02
			Cs-134	<3.23E-02	0.00E+00	3.23E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01

Sample ID:	607165	Sample Dates: 2/26/2024 - 3/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	8.67E-01	4.32E-01	5.55E-01
Sample ID:	**607701**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.57E-02	0.00E+00	3.57E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02
			Cs-137	<3.51E-02	0.00E+00	3.51E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	6.76E-01	3.04E-01	2.59E-01
Sample ID:	**608938**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.76E-02	0.00E+00	4.76E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<3.20E-02	0.00E+00	3.20E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	8.48E-01	3.75E-01	4.06E-01
Sample ID:	**609349**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<2.01E-02	0.00E+00	2.01E-02
			Be-7	<2.97E-01	0.00E+00	2.97E-01
			K-40	6.89E-01	4.02E-01	5.42E-01
Sample ID:	**609538**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.35E-02	0.00E+00	3.35E-02
			Cs-134	<3.91E-02	0.00E+00	3.91E-02
			Cs-137	<3.08E-02	0.00E+00	3.08E-02
			Be-7	<2.25E-01	0.00E+00	2.25E-01
			K-40	7.16E-01	3.17E-01	2.84E-01
Sample ID:	**609996**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.56E-02	0.00E+00	3.56E-02
			Cs-134	<3.47E-02	0.00E+00	3.47E-02
			Cs-137	<2.64E-02	0.00E+00	2.64E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	5.84E-01	3.22E-01	3.83E-01
Sample ID:	**610510**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.58E-02	0.00E+00	4.58E-02
			Cs-134	<3.58E-02	0.00E+00	3.58E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	7.05E-01	2.87E-01	7.64E-02
Sample ID:	**611047**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.60E-02	0.00E+00	3.60E-02
			Cs-134	<2.02E-02	0.00E+00	2.02E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<1.94E-01	0.00E+00	1.94E-01
			K-40	7.96E-01	3.44E-01	3.30E-01
Sample ID:	**611217**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.24E-02	0.00E+00	4.24E-02
			Cs-134	<3.10E-02	0.00E+00	3.10E-02
			Cs-137	<2.98E-02	0.00E+00	2.98E-02
			Be-7	<2.45E-01	0.00E+00	2.45E-01
			K-40	9.82E-01	3.46E-01	7.83E-02
Sample ID:	**611556**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.60E-02	0.00E+00	3.60E-02
			Cs-134	<3.45E-02	0.00E+00	3.45E-02
			Cs-137	<3.10E-02	0.00E+00	3.10E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	8.29E-01	3.15E-01	7.74E-02
Sample ID:	**611805**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.46E-02	0.00E+00	4.46E-02
			Cs-134	<3.40E-02	0.00E+00	3.40E-02
			Cs-137	<2.20E-02	0.00E+00	2.20E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 106 [INDICATOR - E @ 0.47 miles]

Sample ID:	611805	Sample Dates: 5/6/2024 - 5/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	6.67E-01	3.68E-01	4.73E-01
Sample ID:	**612313**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.45E-02	0.00E+00	4.45E-02
			Cs-134	<2.88E-02	0.00E+00	2.88E-02
			Cs-137	<2.46E-02	0.00E+00	2.46E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	1.04E+00	3.56E-01	7.81E-02
Sample ID:	**612581**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.43E-02	0.00E+00	2.43E-02
			Cs-134	<3.00E-02	0.00E+00	3.00E-02
			Cs-137	<1.74E-02	0.00E+00	1.74E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	3.87E-01	2.54E-01	3.28E-01
Sample ID:	**612754**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.16E-02	0.00E+00	3.16E-02
			Cs-134	<3.57E-02	0.00E+00	3.57E-02
			Cs-137	<3.05E-02	0.00E+00	3.05E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	1.35E+00	4.75E-01	3.95E-01
Sample ID:	**613589**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.04E-02	0.00E+00	4.04E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	6.60E-01	3.33E-01	3.80E-01
Sample ID:	**614107**	**Sample Dates: 6/10/2024 - 6/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.87E-02	0.00E+00	4.87E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<2.17E-01	0.00E+00	2.17E-01
			K-40	6.04E-01	3.51E-01	4.51E-01
Sample ID:	**614343**	**Sample Dates: 6/17/2024 - 6/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.60E-02	0.00E+00	4.60E-02
			Cs-134	<2.00E-02	0.00E+00	2.00E-02
			Cs-137	<2.21E-02	0.00E+00	2.21E-02
			Be-7	<2.14E-01	0.00E+00	2.14E-01
			K-40	5.95E-01	2.64E-01	7.68E-02
Sample ID:	**614515**	**Sample Dates: 6/24/2024 - 7/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.60E-02	0.00E+00	3.59E-02
			Cs-134	<2.31E-02	0.00E+00	2.31E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	<7.74E-01	0.00E+00	7.74E-01
Sample ID:	**614742**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.77E-02	0.00E+00	3.77E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	6.12E-01	2.92E-01	2.68E-01
Sample ID:	**615123**	**Sample Dates: 7/8/2024 - 7/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.69E-02	0.00E+00	3.69E-02
			Cs-134	<2.35E-02	0.00E+00	2.35E-02
			Cs-137	<3.25E-02	0.00E+00	3.25E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	<7.04E-01	0.00E+00	7.04E-01
Sample ID:	**615933**	**Sample Dates: 7/15/2024 - 7/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.68E-02	0.00E+00	3.68E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02

Sample ID:	615933	Sample Dates: 7/15/2024 - 7/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	6.34E-01	3.29E-01	3.80E-01
Sample ID:	**616395**	**Sample Dates: 7/22/2024 - 7/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.79E-02	0.00E+00	4.79E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	6.66E-01	3.36E-01	3.82E-01
Sample ID:	**616667**	**Sample Dates: 7/29/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.33E-02	0.00E+00	4.33E-02
			Cs-134	<3.92E-02	0.00E+00	3.92E-02
			Cs-137	<2.42E-02	0.00E+00	2.42E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	6.33E-01	3.33E-01	3.91E-01
Sample ID:	**617064**	**Sample Dates: 8/5/2024 - 8/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.07E-02	0.00E+00	4.07E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<3.37E-02	0.00E+00	3.37E-02
			Be-7	<1.94E-01	0.00E+00	1.94E-01
			K-40	5.06E-01	3.29E-01	4.41E-01
Sample ID:	**617546**	**Sample Dates: 8/12/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.68E-02	0.00E+00	3.68E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	7.41E-01	2.96E-01	7.72E-02
Sample ID:	**618040**	**Sample Dates: 8/19/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.13E-02	0.00E+00	3.13E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	6.43E-01	3.54E-01	4.45E-01
Sample ID:	**618220**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.64E-02	0.00E+00	3.64E-02
			Cs-134	<2.48E-02	0.00E+00	2.48E-02
			Cs-137	<2.82E-02	0.00E+00	2.82E-02
			Be-7	<1.78E-01	0.00E+00	1.78E-01
			K-40	4.23E-01	2.08E-01	6.74E-02
Sample ID:	**618453**	**Sample Dates: 9/3/2024 - 9/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.53E-02	0.00E+00	3.53E-02
			Cs-134	<3.56E-02	0.00E+00	3.56E-02
			Cs-137	<3.25E-02	0.00E+00	3.25E-02
			Be-7	<2.81E-01	0.00E+00	2.81E-01
			K-40	4.20E-01	3.17E-01	4.35E-01
Sample ID:	**619527**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.86E-02	0.00E+00	3.86E-02
			Cs-134	<3.65E-02	0.00E+00	3.65E-02
			Cs-137	<3.12E-02	0.00E+00	3.12E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	6.05E-01	3.34E-01	4.07E-01
Sample ID:	**619806**	**Sample Dates: 9/16/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.95E-02	0.00E+00	3.95E-02
			Cs-134	<2.58E-02	0.00E+00	2.58E-02
			Cs-137	<3.20E-02	0.00E+00	3.20E-02
			Be-7	<1.43E-01	0.00E+00	1.43E-01
			K-40	6.15E-01	3.18E-01	3.59E-01
Sample ID:	**620189**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.37E-02	0.00E+00	4.37E-02

Sample ID:	620189	Sample Dates: 9/23/2024 - 9/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.72E-01	0.00E+00	2.72E-01
			K-40	9.33E-01	3.95E-01	4.25E-01
Sample ID:	**620401**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<2.58E-02	0.00E+00	2.58E-02
			Cs-137	<3.46E-02	0.00E+00	3.46E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	6.68E-01	3.27E-01	3.55E-01
Sample ID:	**620697**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<2.88E-02	0.00E+00	2.88E-02
			Cs-137	<3.28E-02	0.00E+00	3.28E-02
			Be-7	<2.12E-01	0.00E+00	2.12E-01
			K-40	8.49E-01	3.43E-01	2.78E-01
Sample ID:	**621267**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.37E-02	0.00E+00	3.37E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<1.80E-01	0.00E+00	1.80E-01
			K-40	8.51E-01	3.18E-01	7.68E-02
Sample ID:	**621661**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	<6.72E-01	0.00E+00	6.72E-01
Sample ID:	**622011**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.42E-02	0.00E+00	3.42E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	7.40E-01	2.96E-01	7.71E-02
Sample ID:	**622281**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<2.35E-02	0.00E+00	2.35E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	6.09E-01	2.97E-01	2.85E-01
Sample ID:	**622644**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.91E-02	0.00E+00	3.91E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	8.23E-01	3.13E-01	7.69E-02
Sample ID:	**622924**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	6.47E-01	3.25E-01	3.58E-01
Sample ID:	**623248**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<3.08E-02	0.00E+00	3.08E-02
			Be-7	<2.18E-01	0.00E+00	2.18E-01
			K-40	<6.84E-01	0.00E+00	6.84E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 106 [INDICATOR - E @ 0.47 miles]

Sample ID:	624083	Sample Dates: 12/2/2024 - 12/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.02E-02	0.00E+00	3.02E-02
			Cs-134	<2.58E-02	0.00E+00	2.58E-02
			Cs-137	<2.39E-02	0.00E+00	2.39E-02
			Be-7	<1.50E-01	0.00E+00	1.50E-01
			K-40	3.54E-01	1.91E-01	6.85E-02
Sample ID:	**624615**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.75E-02	0.00E+00	4.75E-02
			Cs-134	<3.96E-02	0.00E+00	3.96E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	3.47E-01	2.57E-01	3.41E-01
Sample ID:	**624822**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.26E-02	0.00E+00	6.26E-02
			Cs-134	<2.67E-02	0.00E+00	2.67E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	5.15E-01	2.35E-01	2.09E-01
Sample ID:	**625037**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.98E-02	0.00E+00	5.98E-02
			Cs-134	<3.96E-02	0.00E+00	3.96E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	4.82E-01	2.94E-01	3.63E-01

Sample Point 120 [INDICATOR - NNE @ 0.46 miles]

Sample ID:	602988	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.51E-02	0.00E+00	5.51E-02
			Cs-134	<3.81E-02	0.00E+00	3.81E-02
			Cs-137	<2.84E-02	0.00E+00	2.84E-02
			Be-7	<2.94E-01	0.00E+00	2.94E-01
			K-40	7.21E-01	3.77E-01	4.30E-01
Sample ID:	**603882**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<2.67E-02	0.00E+00	2.67E-02
			Cs-137	<2.29E-02	0.00E+00	2.29E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	<5.46E-01	0.00E+00	5.46E-01
Sample ID:	**603994**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.12E-02	0.00E+00	4.12E-02
			Cs-134	<3.54E-02	0.00E+00	3.54E-02
			Cs-137	<2.81E-02	0.00E+00	2.81E-02
			Be-7	<2.25E-01	0.00E+00	2.25E-01
			K-40	<8.57E-01	0.00E+00	8.57E-01
Sample ID:	**604238**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	3.91E-01	2.37E-01	2.45E-01
Sample ID:	**604552**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.19E-02	0.00E+00	4.19E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	<7.47E-01	0.00E+00	7.47E-01
Sample ID:	**604836**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.50E-02	0.00E+00	4.50E-02
			Cs-134	<3.98E-02	0.00E+00	3.98E-02
			Cs-137	<3.13E-02	0.00E+00	3.13E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01

Sample ID:	604836	Sample Dates: 2/5/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	7.06E-01	3.14E-01	2.72E-01
Sample ID:	**605160**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.75E-02	0.00E+00	3.75E-02
			Cs-134	<2.83E-02	0.00E+00	2.83E-02
			Cs-137	<3.35E-02	0.00E+00	3.35E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	7.35E-01	3.28E-01	3.16E-01
Sample ID:	**606285**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	8.48E-01	4.11E-01	5.05E-01
Sample ID:	**607166**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.83E-02	0.00E+00	3.83E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	9.03E-01	3.27E-01	7.65E-02
Sample ID:	**607702**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.51E-02	0.00E+00	3.51E-02
			Cs-134	<2.64E-02	0.00E+00	2.64E-02
			Cs-137	<2.46E-02	0.00E+00	2.46E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	7.42E-01	3.72E-01	4.45E-01
Sample ID:	**608939**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.50E-02	0.00E+00	4.50E-02
			Cs-134	<2.58E-02	0.00E+00	2.58E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<1.72E-01	0.00E+00	1.72E-01
			K-40	<6.19E-01	0.00E+00	6.19E-01
Sample ID:	**609350**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.76E-02	0.00E+00	3.76E-02
			Cs-134	<3.11E-02	0.00E+00	3.11E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<1.94E-01	0.00E+00	1.94E-01
			K-40	3.48E-01	3.02E-01	4.47E-01
Sample ID:	**609539**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.11E-02	0.00E+00	4.11E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	9.33E-01	3.33E-01	7.66E-02
Sample ID:	**609997**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.52E-02	0.00E+00	3.52E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	<7.14E-01	0.00E+00	7.14E-01
Sample ID:	**610511**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.84E-02	0.00E+00	4.84E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<3.10E-01	0.00E+00	3.10E-01
			K-40	6.87E-01	3.28E-01	3.43E-01
Sample ID:	**611048**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.65E-02	0.00E+00	4.65E-02
			Cs-134	<3.30E-02	0.00E+00	3.30E-02
			Cs-137	<2.65E-02	0.00E+00	2.65E-02

Sample ID: 611048 **Sample Dates: 4/15/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	8.07E-01	3.12E-01	7.81E-02

Sample ID: 611218 **Sample Dates: 4/22/2024 - 4/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.13E-02	0.00E+00	3.13E-02
Cs-134	<3.22E-02	0.00E+00	3.22E-02
Cs-137	<2.40E-02	0.00E+00	2.40E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	8.20E-01	3.48E-01	3.36E-01

Sample ID: 611557 **Sample Dates: 4/29/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.13E-02	0.00E+00	5.13E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<2.00E-02	0.00E+00	2.00E-02
Be-7	<2.13E-01	0.00E+00	2.13E-01
K-40	<6.58E-01	0.00E+00	6.58E-01

Sample ID: 611806 **Sample Dates: 5/6/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.97E-02	0.00E+00	4.97E-02
Cs-134	<2.00E-02	0.00E+00	2.00E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.36E-01	0.00E+00	2.36E-01
K-40	<7.62E-01	0.00E+00	7.62E-01

Sample ID: 612314 **Sample Dates: 5/13/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.75E-02	0.00E+00	3.75E-02
Cs-134	<3.08E-02	0.00E+00	3.08E-02
Cs-137	<2.80E-02	0.00E+00	2.80E-02
Be-7	<2.31E-01	0.00E+00	2.31E-01
K-40	8.98E-01	3.51E-01	2.81E-01

Sample ID: 612582 **Sample Dates: 5/20/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.26E-02	0.00E+00	3.26E-02
Cs-134	<3.00E-02	0.00E+00	3.00E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	6.25E-01	3.43E-01	4.47E-01

Sample ID: 612755 **Sample Dates: 5/28/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.07E-02	0.00E+00	4.07E-02
Cs-134	<3.79E-02	0.00E+00	3.79E-02
Cs-137	<3.61E-02	0.00E+00	3.61E-02
Be-7	<2.43E-01	0.00E+00	2.43E-01
K-40	9.42E-01	3.89E-01	3.26E-01

Sample ID: 613590 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.22E-02	0.00E+00	4.22E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<2.58E-01	0.00E+00	2.58E-01
K-40	7.94E-01	3.64E-01	4.01E-01

Sample ID: 614108 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.50E-02	0.00E+00	3.50E-02
Cs-134	<3.70E-02	0.00E+00	3.70E-02
Cs-137	<3.01E-02	0.00E+00	3.01E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	7.38E-01	3.53E-01	3.89E-01

Sample ID: 614344 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.17E-02	0.00E+00	5.17E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	5.85E-01	3.42E-01	4.39E-01

Sample ID: 614516 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.49E-02	0.00E+00	3.49E-02
Cs-134	<2.30E-02	0.00E+00	2.30E-02

Sample ID:	614516	Sample Dates: 6/24/2024 - 7/1/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<3.32E-02	0.00E+00	3.32E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	<6.76E-01	0.00E+00	6.76E-01
Sample ID:	**614743**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.86E-02	0.00E+00	3.86E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.86E-01	0.00E+00	2.86E-01
			K-40	<6.39E-01	0.00E+00	6.39E-01
Sample ID:	**615124**	**Sample Dates: 7/8/2024 - 7/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.10E-02	0.00E+00	3.10E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<2.25E-01	0.00E+00	2.25E-01
			K-40	<7.90E-01	0.00E+00	7.90E-01
Sample ID:	**615934**	**Sample Dates: 7/15/2024 - 7/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.77E-02	0.00E+00	3.77E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.57E-01	0.00E+00	2.57E-01
			K-40	7.95E-01	3.07E-01	7.70E-02
Sample ID:	**616396**	**Sample Dates: 7/22/2024 - 7/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.78E-02	0.00E+00	4.78E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	4.71E-01	3.11E-01	4.14E-01
Sample ID:	**616668**	**Sample Dates: 7/29/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.41E-02	0.00E+00	4.41E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	4.52E-01	3.12E-01	4.24E-01
Sample ID:	**617065**	**Sample Dates: 8/5/2024 - 8/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.42E-02	0.00E+00	3.42E-02
			Cs-134	<3.95E-02	0.00E+00	3.95E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.89E-01	0.00E+00	2.89E-01
			K-40	<6.28E-01	0.00E+00	6.28E-01
Sample ID:	**617547**	**Sample Dates: 8/12/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.09E-02	0.00E+00	4.09E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.18E-01	0.00E+00	2.18E-01
			K-40	<7.27E-01	0.00E+00	7.27E-01
Sample ID:	**618041**	**Sample Dates: 8/19/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.43E-02	0.00E+00	3.43E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.26E-01	0.00E+00	2.26E-01
			K-40	<7.27E-01	0.00E+00	7.27E-01
Sample ID:	**618221**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<2.67E-02	0.00E+00	2.67E-02
			Cs-137	<1.53E-02	0.00E+00	1.53E-02
			Be-7	<2.08E-01	0.00E+00	2.08E-01
			K-40	5.46E-01	2.73E-01	2.91E-01
Sample ID:	**618454**	**Sample Dates: 9/3/2024 - 9/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.27E-02	0.00E+00	4.27E-02

Sample ID:	618454	Sample Dates: 9/3/2024 - 9/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<3.57E-02	0.00E+00	3.57E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02
			Be-7	<2.72E-01	0.00E+00	2.72E-01
			K-40	6.99E-01	3.52E-01	3.65E-01
Sample ID:	**619528**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.21E-02	0.00E+00	3.21E-02
			Cs-134	<2.64E-02	0.00E+00	2.64E-02
			Cs-137	<2.47E-02	0.00E+00	2.47E-02
			Be-7	<3.03E-01	0.00E+00	3.03E-01
			K-40	7.03E-01	3.17E-01	2.86E-01
Sample ID:	**619807**	**Sample Dates: 9/16/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.86E-02	0.00E+00	3.86E-02
			Cs-134	<3.21E-02	0.00E+00	3.21E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	1.15E+00	3.72E-01	7.63E-02
Sample ID:	**620190**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.75E-02	0.00E+00	3.75E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.85E-01	0.00E+00	2.85E-01
			K-40	<6.84E-01	0.00E+00	6.84E-01
Sample ID:	**620402**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<2.31E-02	0.00E+00	2.31E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<1.70E-01	0.00E+00	1.70E-01
			K-40	9.04E-01	3.28E-01	7.66E-02
Sample ID:	**620698**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.72E-02	0.00E+00	3.72E-02
			Cs-134	<2.88E-02	0.00E+00	2.88E-02
			Cs-137	<2.26E-02	0.00E+00	2.26E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	6.94E-01	2.89E-01	7.84E-02
Sample ID:	**621268**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.07E-02	0.00E+00	4.07E-02
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<3.07E-02	0.00E+00	3.07E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	6.86E-01	3.52E-01	4.19E-01
Sample ID:	**621662**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.73E-02	0.00E+00	4.73E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<3.51E-02	0.00E+00	3.51E-02
			Be-7	<2.92E-01	0.00E+00	2.92E-01
			K-40	4.01E-01	3.02E-01	4.25E-01
Sample ID:	**622012**	**Sample Dates: 10/28/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.59E-02	0.00E+00	4.59E-02
			Cs-134	<2.31E-02	0.00E+00	2.31E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<2.57E-01	0.00E+00	2.57E-01
			K-40	6.66E-01	2.98E-01	2.47E-01
Sample ID:	**622282**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<3.30E-02	0.00E+00	3.30E-02
			Cs-137	<2.46E-02	0.00E+00	2.46E-02
			Be-7	<2.25E-01	0.00E+00	2.25E-01
			K-40	5.64E-01	2.81E-01	2.59E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 120 [INDICATOR - NNE @ 0.46 miles]

Sample ID:	622645	Sample Dates: 11/11/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.28E-02	0.00E+00	4.28E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	<6.83E-01	0.00E+00	6.83E-01
Sample ID:	**622925**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	5.36E-01	3.31E-01	4.34E-01
Sample ID:	**623249**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.56E-02	0.00E+00	3.56E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.95E-01	0.00E+00	2.95E-01
			K-40	5.71E-01	2.59E-01	7.73E-02
Sample ID:	**624084**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<2.88E-02	0.00E+00	2.88E-02
			Cs-137	<2.82E-02	0.00E+00	2.82E-02
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	5.42E-01	3.36E-01	4.41E-01
Sample ID:	**624616**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<2.62E-02	0.00E+00	2.62E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	3.98E-01	3.05E-01	4.32E-01
Sample ID:	**624823**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.17E-02	0.00E+00	6.17E-02
			Cs-134	<2.44E-02	0.00E+00	2.44E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	4.79E-01	2.64E-01	3.08E-01
Sample ID:	**625038**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.74E-02	0.00E+00	5.74E-02
			Cs-134	<2.04E-02	0.00E+00	2.04E-02
			Cs-137	<3.40E-02	0.00E+00	3.40E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	3.92E-01	2.93E-01	4.08E-01

Sample Point 121 [INDICATOR - NE @ 0.47 miles]

Sample ID:	602989	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.86E-02	0.00E+00	4.86E-02
			Cs-134	<2.74E-02	0.00E+00	2.74E-02
			Cs-137	<4.37E-02	0.00E+00	4.37E-02
			Be-7	<3.19E-01	0.00E+00	3.19E-01
			K-40	1.08E+00	4.46E-01	4.51E-01
Sample ID:	**603883**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.87E-02	0.00E+00	3.87E-02
			Cs-134	<3.30E-02	0.00E+00	3.30E-02
			Cs-137	<2.70E-02	0.00E+00	2.70E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	6.35E-01	2.75E-01	2.30E-01
Sample ID:	**603995**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.82E-02	0.00E+00	4.82E-02
			Cs-134	<3.51E-02	0.00E+00	3.51E-02
			Cs-137	<3.20E-02	0.00E+00	3.20E-02
			Be-7	<2.34E-01	0.00E+00	2.34E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 121 [INDICATOR - NE @ 0.47 miles]

Sample ID:	603995	Sample Dates: 1/16/2024 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	8.25E-01	3.79E-01	3.82E-01
Sample ID:	**604239**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.04E-02	0.00E+00	4.04E-02
			Cs-134	<3.29E-02	0.00E+00	3.29E-02
			Cs-137	<3.53E-02	0.00E+00	3.53E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	6.79E-01	3.05E-01	2.59E-01
Sample ID:	**604553**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.52E-02	0.00E+00	3.52E-02
			Cs-134	<1.99E-02	0.00E+00	1.99E-02
			Cs-137	<3.20E-02	0.00E+00	3.20E-02
			Be-7	<1.84E-01	0.00E+00	1.84E-01
			K-40	<6.49E-01	0.00E+00	6.49E-01
Sample ID:	**604837**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.25E-02	0.00E+00	4.25E-02
			Cs-134	<3.10E-02	0.00E+00	3.10E-02
			Cs-137	<2.46E-02	0.00E+00	2.46E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	1.13E+00	3.71E-01	7.82E-02
Sample ID:	**605161**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.30E-02	0.00E+00	4.30E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<3.34E-02	0.00E+00	3.34E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	5.14E-01	3.12E-01	3.95E-01
Sample ID:	**606286**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	<6.76E-01	0.00E+00	6.76E-01
Sample ID:	**607167**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.04E-02	0.00E+00	4.04E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	6.40E-01	3.21E-01	3.54E-01
Sample ID:	**607703**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.98E-02	0.00E+00	2.98E-02
			Cs-134	<2.35E-02	0.00E+00	2.35E-02
			Cs-137	<2.64E-02	0.00E+00	2.64E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	8.08E-01	3.39E-01	3.00E-01
Sample ID:	**608940**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.41E-02	0.00E+00	4.41E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	5.96E-01	3.29E-01	3.99E-01
Sample ID:	**609351**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.28E-02	0.00E+00	3.28E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<1.74E-02	0.00E+00	1.74E-02
			Be-7	<2.79E-01	0.00E+00	2.79E-01
			K-40	4.59E-01	2.48E-01	2.22E-01
Sample ID:	**609540**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.97E-02	0.00E+00	3.97E-02
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02

Sample ID:	609540	Sample Dates: 3/25/2024 - 4/1/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.17E-01	0.00E+00	2.17E-01
			K-40	<7.75E-01	0.00E+00	7.75E-01
Sample ID:	**609998**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.83E-02	0.00E+00	3.83E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<3.12E-02	0.00E+00	3.12E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	5.09E-01	3.61E-01	5.14E-01
Sample ID:	**610512**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.07E-02	0.00E+00	5.07E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<2.46E-01	0.00E+00	2.46E-01
			K-40	6.25E-01	3.34E-01	3.99E-01
Sample ID:	**611049**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.68E-02	0.00E+00	3.68E-02
			Cs-134	<3.23E-02	0.00E+00	3.23E-02
			Cs-137	<3.20E-02	0.00E+00	3.20E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	5.19E-01	3.18E-01	4.10E-01
Sample ID:	**611219**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.48E-02	0.00E+00	4.48E-02
			Cs-134	<2.64E-02	0.00E+00	2.64E-02
			Cs-137	<3.13E-02	0.00E+00	3.13E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	7.68E-01	3.23E-01	2.56E-01
Sample ID:	**611558**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.67E-02	0.00E+00	4.67E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	9.15E-01	3.31E-01	7.75E-02
Sample ID:	**611807**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.73E-02	0.00E+00	4.73E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<2.01E-01	0.00E+00	2.01E-01
			K-40	5.36E-01	2.49E-01	7.64E-02
Sample ID:	**612315**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.72E-02	0.00E+00	4.72E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<3.40E-02	0.00E+00	3.40E-02
			Be-7	<2.56E-01	0.00E+00	2.56E-01
			K-40	<6.14E-01	0.00E+00	6.14E-01
Sample ID:	**612583**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.07E-02	0.00E+00	4.07E-02
			Cs-134	<2.27E-02	0.00E+00	2.27E-02
			Cs-137	<2.82E-02	0.00E+00	2.82E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	5.96E-01	2.48E-01	6.73E-02
Sample ID:	**612756**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<2.72E-02	0.00E+00	2.72E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02
			Be-7	<2.21E-01	0.00E+00	2.21E-01
			K-40	6.31E-01	2.94E-01	9.00E-02
Sample ID:	**613591**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.90E-02	0.00E+00	4.90E-02
			Cs-134	<3.24E-02	0.00E+00	3.24E-02

Sample Point 121 [INDICATOR - NE @ 0.47 miles]

Sample ID: 613591 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<2.21E-02	0.00E+00	2.21E-02
Be-7	<1.59E-01	0.00E+00	1.59E-01
K-40	<6.37E-01	0.00E+00	6.37E-01

Sample ID: 614109 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.49E-02	0.00E+00	3.49E-02
Cs-134	<2.90E-02	0.00E+00	2.90E-02
Cs-137	<2.83E-02	0.00E+00	2.83E-02
Be-7	<1.98E-01	0.00E+00	1.98E-01
K-40	<6.52E-01	0.00E+00	6.52E-01

Sample ID: 614345 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.62E-02	0.00E+00	4.62E-02
Cs-134	<3.24E-02	0.00E+00	3.24E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.31E-01	0.00E+00	2.31E-01
K-40	7.74E-01	3.53E-01	3.78E-01

Sample ID: 614517 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.85E-02	0.00E+00	3.85E-02
Cs-134	<2.81E-02	0.00E+00	2.81E-02
Cs-137	<2.59E-02	0.00E+00	2.59E-02
Be-7	<1.99E-01	0.00E+00	1.99E-01
K-40	5.23E-01	3.21E-01	4.16E-01

Sample Point 125 [INDICATOR - SW @ 0.38 miles]

Sample ID: 602990 **Sample Dates: 1/2/2024 - 1/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.31E-02	0.00E+00	4.31E-02
Cs-134	<3.81E-02	0.00E+00	3.81E-02
Cs-137	<3.06E-02	0.00E+00	3.06E-02
Be-7	<2.77E-01	0.00E+00	2.77E-01
K-40	9.57E-01	4.10E-01	3.97E-01

Sample ID: 603884 **Sample Dates: 1/8/2024 - 1/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.53E-02	0.00E+00	3.53E-02
Cs-134	<2.28E-02	0.00E+00	2.28E-02
Cs-137	<2.29E-02	0.00E+00	2.29E-02
Be-7	<1.95E-01	0.00E+00	1.95E-01
K-40	6.48E-01	2.59E-01	6.76E-02

Sample ID: 603996 **Sample Dates: 1/16/2024 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.63E-02	0.00E+00	4.63E-02
Cs-134	<4.17E-02	0.00E+00	4.17E-02
Cs-137	<3.02E-02	0.00E+00	3.02E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	8.31E-01	3.66E-01	3.26E-01

Sample ID: 604240 **Sample Dates: 1/22/2024 - 1/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.35E-02	0.00E+00	4.35E-02
Cs-134	<2.64E-02	0.00E+00	2.64E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<2.63E-01	0.00E+00	2.63E-01
K-40	7.10E-01	3.98E-01	5.24E-01

Sample ID: 604554 **Sample Dates: 1/29/2024 - 2/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.03E-02	0.00E+00	4.03E-02
Cs-134	<2.58E-02	0.00E+00	2.58E-02
Cs-137	<3.33E-02	0.00E+00	3.33E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	5.38E-01	3.23E-01	4.14E-01

Sample ID: 604838 **Sample Dates: 2/5/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.43E-02	0.00E+00	4.43E-02
Cs-134	<3.48E-02	0.00E+00	3.48E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.14E-01	0.00E+00	2.14E-01
K-40	5.18E-01	2.48E-01	7.80E-02

Sample ID: 605162 **Sample Dates: 2/12/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.02E-02	0.00E+00	4.02E-02
Cs-134	<2.81E-02	0.00E+00	2.81E-02
Cs-137	<2.75E-02	0.00E+00	2.75E-02
Be-7	<2.18E-01	0.00E+00	2.18E-01
K-40	6.75E-01	2.81E-01	7.62E-02

Sample ID: 606287 **Sample Dates: 2/19/2024 - 2/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.57E-02	0.00E+00	3.57E-02
Cs-134	<2.64E-02	0.00E+00	2.64E-02
Cs-137	<2.26E-02	0.00E+00	2.26E-02
Be-7	<2.52E-01	0.00E+00	2.52E-01
K-40	8.09E-01	3.12E-01	7.83E-02

Sample ID: 607168 **Sample Dates: 2/26/2024 - 3/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.44E-02	0.00E+00	3.44E-02
Cs-134	<3.58E-02	0.00E+00	3.58E-02
Cs-137	<3.20E-02	0.00E+00	3.20E-02
Be-7	<2.19E-01	0.00E+00	2.19E-01
K-40	4.08E-01	2.61E-01	4.40E-01

Sample ID: 607704 **Sample Dates: 3/4/2024 - 3/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.38E-02	0.00E+00	4.38E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	7.86E-01	3.25E-01	2.57E-01

Sample ID: 608941 **Sample Dates: 3/11/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.89E-02	0.00E+00	3.89E-02
Cs-134	<3.59E-02	0.00E+00	3.59E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	8.48E-01	3.17E-01	7.66E-02

Sample ID: 609352 **Sample Dates: 3/18/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.41E-02	0.00E+00	3.41E-02
Cs-134	<5.94E-03	0.00E+00	5.94E-03
Cs-137	<2.82E-02	0.00E+00	2.82E-02
Be-7	<2.67E-01	0.00E+00	2.67E-01
K-40	<6.65E-01	0.00E+00	6.65E-01

Sample ID: 609541 **Sample Dates: 3/25/2024 - 4/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.22E-02	0.00E+00	4.22E-02
Cs-134	<3.04E-02	0.00E+00	3.04E-02
Cs-137	<2.21E-02	0.00E+00	2.21E-02
Be-7	<2.48E-01	0.00E+00	2.48E-01
K-40	7.08E-01	2.89E-01	7.67E-02

Sample ID: 609999 **Sample Dates: 4/1/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.96E-02	0.00E+00	2.96E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<3.39E-02	0.00E+00	3.39E-02
Be-7	<2.11E-01	0.00E+00	2.11E-01
K-40	1.00E+00	3.49E-01	7.77E-02

Sample ID: 610513 **Sample Dates: 4/8/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.29E-02	0.00E+00	4.29E-02
Cs-134	<3.40E-02	0.00E+00	3.40E-02
Cs-137	<2.40E-02	0.00E+00	2.40E-02
Be-7	<2.29E-01	0.00E+00	2.29E-01
K-40	<8.05E-01	0.00E+00	8.05E-01

Sample ID: 611050 **Sample Dates: 4/15/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.54E-02	0.00E+00	3.54E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<3.12E-02	0.00E+00	3.12E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	5.78E-01	2.96E-01	3.05E-01

Sample ID: 611220 **Sample Dates: 4/22/2024 - 4/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.30E-02	0.00E+00	2.30E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.19E-01	0.00E+00	2.19E-01
K-40	5.58E-01	4.03E-01	5.91E-01

Sample ID: 611559 **Sample Dates: 4/29/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.95E-02	0.00E+00	3.95E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.31E-01	0.00E+00	2.31E-01
K-40	8.11E-01	3.89E-01	4.62E-01

Sample ID: 611808 **Sample Dates: 5/6/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.93E-02	0.00E+00	3.93E-02
Cs-134	<2.56E-02	0.00E+00	2.56E-02
Cs-137	<2.57E-02	0.00E+00	2.57E-02
Be-7	<2.09E-01	0.00E+00	2.09E-01
K-40	8.05E-01	3.72E-01	4.23E-01

Sample ID: 612316 **Sample Dates: 5/13/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.49E-02	0.00E+00	4.49E-02
Cs-134	<2.37E-02	0.00E+00	2.37E-02
Cs-137	<2.83E-02	0.00E+00	2.83E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	7.33E-01	3.51E-01	3.87E-01

Sample ID: 612584 **Sample Dates: 5/20/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.83E-02	0.00E+00	3.83E-02
Cs-134	<1.76E-02	0.00E+00	1.76E-02
Cs-137	<2.12E-02	0.00E+00	2.12E-02
Be-7	<2.28E-01	0.00E+00	2.28E-01
K-40	8.19E-01	3.18E-01	2.73E-01

Sample ID: 612757 **Sample Dates: 5/28/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.10E-02	0.00E+00	4.10E-02
Cs-134	<3.57E-02	0.00E+00	3.57E-02
Cs-137	<4.08E-02	0.00E+00	4.08E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	7.99E-01	3.32E-01	9.02E-02

Sample ID: 613592 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.80E-02	0.00E+00	2.80E-02
Cs-134	<3.41E-02	0.00E+00	3.41E-02
Cs-137	<2.41E-02	0.00E+00	2.41E-02
Be-7	<2.51E-01	0.00E+00	2.51E-01
K-40	1.02E+00	3.49E-01	7.66E-02

Sample ID: 614110 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.92E-02	0.00E+00	3.92E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<2.25E-02	0.00E+00	2.25E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	6.87E-01	3.24E-01	3.26E-01

Sample ID: 614346 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.82E-02	0.00E+00	4.82E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	8.24E-01	3.43E-01	3.08E-01

Sample ID: 614518 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.45E-02	0.00E+00	3.45E-02
Cs-134	<3.24E-02	0.00E+00	3.24E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.17E-01	0.00E+00	2.17E-01
K-40	5.46E-01	2.95E-01	3.27E-01

Sample ID: 614745 **Sample Dates: 7/1/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.17E-02	0.00E+00	4.17E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	<7.41E-01	0.00E+00	7.41E-01

Sample ID: 615126 **Sample Dates: 7/8/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.70E-02	0.00E+00	3.70E-02
Cs-134	<3.63E-02	0.00E+00	3.63E-02
Cs-137	<3.51E-02	0.00E+00	3.51E-02
Be-7	<2.90E-01	0.00E+00	2.90E-01
K-40	6.88E-01	2.86E-01	7.77E-02

Sample ID: 615935 **Sample Dates: 7/15/2024 - 7/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.54E-02	0.00E+00	4.54E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.71E-01	0.00E+00	2.71E-01
K-40	6.26E-01	3.16E-01	3.43E-01

Sample ID: 616397 **Sample Dates: 7/22/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.98E-02	0.00E+00	4.98E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.06E-01	0.00E+00	2.06E-01
K-40	4.93E-01	3.41E-01	4.76E-01

Sample ID: 616669 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.92E-02	0.00E+00	3.92E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.67E-01	0.00E+00	2.67E-01
K-40	<6.87E-01	0.00E+00	6.87E-01

Sample ID: 617066 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.28E-02	0.00E+00	4.28E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<3.28E-02	0.00E+00	3.28E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	3.17E-01	3.17E-01	4.93E-01

Sample ID: 617548 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.34E-02	0.00E+00	3.34E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<1.57E-01	0.00E+00	1.57E-01
K-40	6.89E-01	3.14E-01	2.92E-01

Sample ID: 618042 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.11E-02	0.00E+00	4.11E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<1.72E-02	0.00E+00	1.72E-02
Be-7	<2.63E-01	0.00E+00	2.63E-01
K-40	<6.85E-01	0.00E+00	6.85E-01

Sample ID: 618222 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.36E-02	0.00E+00	3.36E-02
Cs-134	<2.47E-02	0.00E+00	2.47E-02
Cs-137	<2.27E-02	0.00E+00	2.27E-02
Be-7	<1.60E-01	0.00E+00	1.60E-01
K-40	4.38E-01	2.75E-01	3.57E-01

Sample ID: 618455 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.79E-02	0.00E+00	3.79E-02
Cs-134	<4.41E-02	0.00E+00	4.41E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.82E-01	0.00E+00	2.82E-01
K-40	8.36E-01	3.77E-01	3.56E-01

Sample ID: 619529 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.72E-02	0.00E+00	4.72E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<1.73E-02	0.00E+00	1.73E-02
Be-7	<1.94E-01	0.00E+00	1.94E-01
K-40	<7.43E-01	0.00E+00	7.43E-01

Sample ID: 619808 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.73E-02	0.00E+00	3.73E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.63E-01	0.00E+00	2.63E-01
K-40	4.79E-01	2.53E-01	2.27E-01

Sample ID: 620191 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.15E-02	0.00E+00	4.15E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<1.82E-01	0.00E+00	1.82E-01
K-40	6.95E-01	3.10E-01	2.72E-01

Sample ID: 620403 **Sample Dates: 9/30/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.36E-02	0.00E+00	4.36E-02
Cs-134	<3.22E-02	0.00E+00	3.22E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<2.35E-01	0.00E+00	2.35E-01
K-40	7.39E-01	3.78E-01	4.66E-01

Sample ID: 620699 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.50E-02	0.00E+00	4.50E-02
Cs-134	<2.64E-02	0.00E+00	2.64E-02
Cs-137	<2.02E-02	0.00E+00	2.02E-02
Be-7	<2.59E-01	0.00E+00	2.59E-01
K-40	6.36E-01	3.43E-01	4.16E-01

Sample ID: 621269 **Sample Dates: 10/14/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.00E-02	0.00E+00	4.00E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<2.00E-01	0.00E+00	2.00E-01
K-40	7.09E-01	3.49E-01	4.00E-01

Sample ID: 621663 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.31E-02	0.00E+00	4.31E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.48E-01	0.00E+00	2.48E-01
K-40	6.74E-01	3.67E-01	4.64E-01

Sample ID: 622013 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.75E-02	0.00E+00	4.75E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<3.50E-02	0.00E+00	3.50E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	9.43E-01	3.36E-01	7.74E-02

Sample ID: 622283 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.94E-02	0.00E+00	3.94E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<2.80E-02	0.00E+00	2.80E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	5.54E-01	3.51E-01	4.75E-01

Sample ID: 622646 **Sample Dates: 11/11/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.93E-02	0.00E+00	3.93E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02
Be-7	<2.20E-01	0.00E+00	2.20E-01
K-40	6.10E-01	2.91E-01	2.64E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 125 [INDICATOR - SW @ 0.38 miles]

Sample ID:	622926	Sample Dates: 11/18/2024 - 11/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.29E-02	0.00E+00	3.29E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	8.56E-01	3.20E-01	7.73E-02
Sample ID:	**623250**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.92E-02	0.00E+00	3.92E-02
			Cs-134	<3.43E-02	0.00E+00	3.43E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	6.19E-01	3.19E-01	3.58E-01
Sample ID:	**624085**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.64E-02	0.00E+00	4.64E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.23E-01	0.00E+00	2.23E-01
			K-40	4.99E-01	2.84E-01	3.22E-01
Sample ID:	**624617**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.12E-02	0.00E+00	4.12E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	5.25E-01	3.10E-01	3.84E-01
Sample ID:	**624824**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.53E-02	0.00E+00	5.53E-02
			Cs-134	<2.40E-02	0.00E+00	2.40E-02
			Cs-137	<2.64E-02	0.00E+00	2.64E-02
			Be-7	<1.95E-01	0.00E+00	1.95E-01
			K-40	7.92E-01	2.65E-01	5.65E-02
Sample ID:	**625039**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<3.28E-02	0.00E+00	3.28E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	7.14E-01	3.26E-01	3.17E-01

Sample Point 133 [INDICATOR - ENE @ 6.23 miles]

Sample ID:	602991	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.46E-02	0.00E+00	4.46E-02
			Cs-134	<3.75E-02	0.00E+00	3.75E-02
			Cs-137	<3.88E-02	0.00E+00	3.88E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	7.61E-01	3.98E-01	4.75E-01
Sample ID:	**603885**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.26E-02	0.00E+00	3.26E-02
			Cs-134	<2.87E-02	0.00E+00	2.87E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<1.52E-01	0.00E+00	1.52E-01
			K-40	5.52E-01	3.02E-01	3.72E-01
Sample ID:	**603997**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.07E-02	0.00E+00	6.07E-02
			Cs-134	<2.98E-02	0.00E+00	2.98E-02
			Cs-137	<4.14E-02	0.00E+00	4.14E-02
			Be-7	<2.82E-01	0.00E+00	2.82E-01
			K-40	9.79E-01	4.09E-01	3.90E-01
Sample ID:	**604241**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.32E-02	0.00E+00	4.32E-02
			Cs-134	<2.68E-02	0.00E+00	2.68E-02
			Cs-137	<2.50E-02	0.00E+00	2.50E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01

Sample ID:	604241	Sample Dates: 1/22/2024 - 1/29/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	6.04E-01	3.86E-01	5.33E-01
Sample ID:	**604555**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.71E-02	0.00E+00	4.71E-02
			Cs-134	<3.43E-02	0.00E+00	3.43E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.60E-01	0.00E+00	2.60E-01
			K-40	7.40E-01	2.96E-01	7.71E-02
Sample ID:	**604839**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.51E-02	0.00E+00	4.51E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	7.23E-01	4.01E-01	5.28E-01
Sample ID:	**605163**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<2.55E-02	0.00E+00	2.55E-02
			Cs-137	<3.02E-02	0.00E+00	3.02E-02
			Be-7	<2.87E-01	0.00E+00	2.87E-01
			K-40	3.25E-01	2.54E-01	3.50E-01
Sample ID:	**606288**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.29E-02	0.00E+00	4.29E-02
			Cs-134	<2.39E-02	0.00E+00	2.39E-02
			Cs-137	<2.68E-02	0.00E+00	2.68E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	9.92E-01	3.49E-01	7.91E-02
Sample ID:	**607169**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.38E-02	0.00E+00	4.38E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<7.40E-01	0.00E+00	7.40E-01
Sample ID:	**607705**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.19E-02	0.00E+00	4.19E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	4.49E-01	3.43E-01	4.97E-01
Sample ID:	**608942**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.64E-02	0.00E+00	4.64E-02
			Cs-134	<5.74E-03	0.00E+00	5.74E-03
			Cs-137	<2.72E-02	0.00E+00	2.72E-02
			Be-7	1.24E-01	1.77E-01	2.94E-01
			K-40	7.15E-01	3.05E-01	2.43E-01
Sample ID:	**609353**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.53E-02	0.00E+00	3.53E-02
			Cs-134	<3.85E-02	0.00E+00	3.85E-02
			Cs-137	<2.84E-02	0.00E+00	2.84E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	8.24E-01	3.68E-01	3.88E-01
Sample ID:	**609542**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.04E-02	0.00E+00	4.04E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<1.37E-02	0.00E+00	1.37E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	8.40E-01	3.37E-01	2.68E-01
Sample ID:	**610000**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.67E-02	0.00E+00	3.67E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02

Sample ID:	610000	Sample Dates: 4/1/2024 - 4/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	4.94E-01	3.42E-01	4.77E-01
Sample ID:	**610514**	**Sample Dates: 4/8/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.82E-02	0.00E+00	3.82E-02
			Cs-134	<3.00E-02	0.00E+00	3.00E-02
			Cs-137	<2.56E-02	0.00E+00	2.56E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	<6.98E-01	0.00E+00	6.98E-01
Sample ID:	**611051**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.41E-02	0.00E+00	4.41E-02
			Cs-134	<2.90E-02	0.00E+00	2.90E-02
			Cs-137	<2.48E-02	0.00E+00	2.48E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	5.38E-01	3.27E-01	4.20E-01
Sample ID:	**611221**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<4.39E-02	0.00E+00	4.39E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	9.46E-01	3.38E-01	7.77E-02
Sample ID:	**611560**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.34E-02	0.00E+00	4.34E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	1.08E+00	3.61E-01	7.71E-02
Sample ID:	**611809**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.18E-02	0.00E+00	4.18E-02
			Cs-134	<3.18E-02	0.00E+00	3.18E-02
			Cs-137	<3.15E-02	0.00E+00	3.15E-02
			Be-7	<2.07E-01	0.00E+00	2.07E-01
			K-40	3.64E-01	2.78E-01	3.88E-01
Sample ID:	**612317**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.00E-02	0.00E+00	5.00E-02
			Cs-134	<2.68E-02	0.00E+00	2.68E-02
			Cs-137	<2.69E-02	0.00E+00	2.69E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	7.13E-01	3.50E-01	3.91E-01
Sample ID:	**612585**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.47E-02	0.00E+00	4.47E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<2.73E-02	0.00E+00	2.73E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	7.88E-01	3.31E-01	3.36E-01
Sample ID:	**612758**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.78E-02	0.00E+00	4.78E-02
			Cs-134	<4.21E-02	0.00E+00	4.21E-02
			Cs-137	<3.44E-02	0.00E+00	3.44E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	7.81E-01	3.54E-01	3.09E-01
Sample ID:	**613593**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.09E-02	0.00E+00	5.09E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	4.95E-01	2.64E-01	2.58E-01
Sample ID:	**614111**	**Sample Dates: 6/10/2024 - 6/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.47E-02	0.00E+00	4.47E-02
			Cs-134	<3.38E-02	0.00E+00	3.38E-02

Sample ID:	614111	Sample Dates: 6/10/2024 - 6/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<2.39E-02	0.00E+00	2.39E-02
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	<7.77E-01	0.00E+00	7.77E-01
Sample ID:	**614347**	**Sample Dates: 6/17/2024 - 6/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.37E-02	0.00E+00	4.37E-02
			Cs-134	<3.10E-02	0.00E+00	3.10E-02
			Cs-137	<2.98E-02	0.00E+00	2.98E-02
			Be-7	<1.35E-01	0.00E+00	1.35E-01
			K-40	<7.23E-01	0.00E+00	7.23E-01
Sample ID:	**614519**	**Sample Dates: 6/24/2024 - 7/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.33E-02	0.00E+00	3.33E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<3.14E-02	0.00E+00	3.14E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	6.68E-01	3.25E-01	3.43E-01
Sample ID:	**614746**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.78E-02	0.00E+00	4.78E-02
			Cs-134	<2.59E-02	0.00E+00	2.59E-02
			Cs-137	<3.07E-02	0.00E+00	3.07E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	7.12E-01	3.19E-01	2.96E-01
Sample ID:	**615127**	**Sample Dates: 7/8/2024 - 7/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.82E-02	0.00E+00	3.82E-02
			Cs-134	<3.46E-02	0.00E+00	3.46E-02
			Cs-137	<3.64E-02	0.00E+00	3.64E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	<7.72E-01	0.00E+00	7.72E-01
Sample ID:	**615936**	**Sample Dates: 7/15/2024 - 7/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.53E-02	0.00E+00	3.53E-02
			Cs-134	<3.43E-02	0.00E+00	3.43E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	8.06E-01	3.33E-01	2.78E-01
Sample ID:	**616398**	**Sample Dates: 7/22/2024 - 7/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.83E-02	0.00E+00	4.83E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.16E-01	0.00E+00	2.16E-01
			K-40	<7.54E-01	0.00E+00	7.54E-01
Sample ID:	**616670**	**Sample Dates: 7/29/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<2.79E-02	0.00E+00	2.79E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.67E-01	0.00E+00	2.67E-01
			K-40	5.04E-01	2.63E-01	2.44E-01
Sample ID:	**617067**	**Sample Dates: 8/5/2024 - 8/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.59E-02	0.00E+00	4.59E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<3.36E-02	0.00E+00	3.36E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	7.41E-01	3.57E-01	4.06E-01
Sample ID:	**617549**	**Sample Dates: 8/12/2024 - 8/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	7.40E-01	2.96E-01	7.72E-02
Sample ID:	**618043**	**Sample Dates: 8/19/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.37E-02	0.00E+00	3.37E-02

Sample ID:	618043	Sample Dates: 8/19/2024 - 8/26/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.26E-01	0.00E+00	2.26E-01
			K-40	9.11E-01	3.30E-01	7.72E-02
Sample ID:	**618223**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.93E-02	0.00E+00	3.93E-02
			Cs-134	<1.41E-02	0.00E+00	1.41E-02
			Cs-137	<1.76E-02	0.00E+00	1.76E-02
			Be-7	<1.80E-01	0.00E+00	1.80E-01
			K-40	6.51E-01	2.91E-01	2.81E-01
Sample ID:	**618456**	**Sample Dates: 9/3/2024 - 9/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.19E-02	0.00E+00	5.19E-02
			Cs-134	<3.80E-02	0.00E+00	3.80E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02
			Be-7	<2.73E-01	0.00E+00	2.73E-01
			K-40	7.88E-01	3.52E-01	2.91E-01
Sample ID:	**619530**	**Sample Dates: 9/9/2024 - 9/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.50E-02	0.00E+00	4.50E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	5.64E-01	3.10E-01	3.61E-01
Sample ID:	**619809**	**Sample Dates: 9/16/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.30E-02	0.00E+00	3.30E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.50E-01	0.00E+00	2.50E-01
			K-40	5.49E-01	2.83E-01	2.83E-01
Sample ID:	**620192**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.60E-02	0.00E+00	3.60E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.44E-01	0.00E+00	2.44E-01
			K-40	4.27E-01	3.15E-01	4.43E-01
Sample ID:	**620404**	**Sample Dates: 9/30/2024 - 10/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.15E-02	0.00E+00	4.15E-02
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	8.22E-01	3.41E-01	3.03E-01
Sample ID:	**620700**	**Sample Dates: 10/7/2024 - 10/14/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<3.47E-02	0.00E+00	3.47E-02
			Cs-137	<2.97E-02	0.00E+00	2.97E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	5.57E-01	3.54E-01	4.80E-01
Sample ID:	**621270**	**Sample Dates: 10/14/2024 - 10/21/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.89E-02	0.00E+00	3.89E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	7.50E-01	4.24E-01	5.72E-01
Sample ID:	**621664**	**Sample Dates: 10/21/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.01E-02	0.00E+00	4.01E-02
			Cs-134	<2.54E-02	0.00E+00	2.54E-02
			Cs-137	<2.37E-02	0.00E+00	2.37E-02
			Be-7	<2.50E-01	0.00E+00	2.50E-01
			K-40	<6.83E-01	0.00E+00	6.83E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 133 [INDICATOR - ENE @ 6.23 miles]

Sample ID:	622014	Sample Dates: 10/28/2024 - 11/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.33E-02	0.00E+00	4.33E-02
			Cs-134	<3.85E-02	0.00E+00	3.85E-02
			Cs-137	<3.30E-02	0.00E+00	3.30E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	5.29E-01	2.85E-01	2.98E-01
Sample ID:	**622284**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.06E-02	0.00E+00	4.06E-02
			Cs-134	<4.24E-02	0.00E+00	4.24E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	5.43E-01	2.97E-01	3.36E-01
Sample ID:	**622647**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.87E-02	0.00E+00	3.87E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	<6.85E-01	0.00E+00	6.85E-01
Sample ID:	**622927**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	5.77E-01	2.90E-01	2.86E-01
Sample ID:	**623251**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.69E-02	0.00E+00	3.69E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.01E-01	0.00E+00	2.01E-01
			K-40	1.05E+00	3.56E-01	7.72E-02
Sample ID:	**624086**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.84E-02	0.00E+00	3.84E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<3.46E-02	0.00E+00	3.46E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<6.66E-01	0.00E+00	6.66E-01
Sample ID:	**624618**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.56E-02	0.00E+00	4.56E-02
			Cs-134	<3.68E-02	0.00E+00	3.68E-02
			Cs-137	<2.17E-02	0.00E+00	2.17E-02
			Be-7	<1.90E-01	0.00E+00	1.90E-01
			K-40	7.73E-01	3.41E-01	3.44E-01
Sample ID:	**624825**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.26E-02	0.00E+00	6.26E-02
			Cs-134	<2.68E-02	0.00E+00	2.68E-02
			Cs-137	<2.14E-02	0.00E+00	2.14E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	6.85E-01	3.25E-01	3.88E-01
Sample ID:	**625040**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.52E-02	0.00E+00	4.52E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.76E-01	0.00E+00	2.76E-01
			K-40	<6.91E-01	0.00E+00	6.91E-01

Sample Point 195 [INDICATOR - N @ 0.19 miles]

Sample ID:	602992	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.88E-02	0.00E+00	4.88E-02
			Cs-134	<3.33E-02	0.00E+00	3.33E-02
			Cs-137	<2.85E-02	0.00E+00	2.85E-02
			Be-7	<1.71E-01	0.00E+00	1.71E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 195 [INDICATOR - N @ 0.19 miles]

Sample ID:	602992	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	9.57E-01	4.18E-01	4.27E-01
Sample ID:	**603886**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.16E-02	0.00E+00	3.16E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<1.19E-02	0.00E+00	1.19E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	7.40E-01	3.77E-01	4.87E-01
Sample ID:	**603998**	**Sample Dates: 1/16/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.53E-02	0.00E+00	5.53E-02
			Cs-134	<3.01E-02	0.00E+00	3.01E-02
			Cs-137	<3.73E-02	0.00E+00	3.73E-02
			Be-7	<2.36E-01	0.00E+00	2.36E-01
			K-40	4.66E-01	2.95E-01	3.45E-01
Sample ID:	**604242**	**Sample Dates: 1/22/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<3.50E-02	0.00E+00	3.50E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	7.43E-01	2.97E-01	7.75E-02
Sample ID:	**604556**	**Sample Dates: 1/29/2024 - 2/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.64E-02	0.00E+00	3.64E-02
			Cs-134	<3.23E-02	0.00E+00	3.23E-02
			Cs-137	<3.33E-02	0.00E+00	3.33E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	4.41E-01	2.93E-01	3.84E-01
Sample ID:	**604840**	**Sample Dates: 2/5/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.89E-02	0.00E+00	3.89E-02
			Cs-134	<2.04E-02	0.00E+00	2.04E-02
			Cs-137	<2.65E-02	0.00E+00	2.65E-02
			Be-7	<2.63E-01	0.00E+00	2.63E-01
			K-40	2.72E-01	2.74E-01	4.21E-01
Sample ID:	**605164**	**Sample Dates: 2/12/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.59E-02	0.00E+00	4.59E-02
			Cs-134	<2.83E-02	0.00E+00	2.83E-02
			Cs-137	<1.98E-02	0.00E+00	1.98E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	6.47E-01	3.48E-01	4.27E-01
Sample ID:	**606289**	**Sample Dates: 2/19/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.56E-02	0.00E+00	3.56E-02
			Cs-134	<3.46E-02	0.00E+00	3.46E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	9.46E-01	3.38E-01	7.77E-02
Sample ID:	**607170**	**Sample Dates: 2/26/2024 - 3/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.50E-02	0.00E+00	4.50E-02
			Cs-134	<3.74E-02	0.00E+00	3.74E-02
			Cs-137	<3.20E-02	0.00E+00	3.20E-02
			Be-7	<2.11E-01	0.00E+00	2.11E-01
			K-40	7.03E-01	3.22E-01	3.17E-01
Sample ID:	**607706**	**Sample Dates: 3/4/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.97E-02	0.00E+00	3.97E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<2.25E-02	0.00E+00	2.25E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	8.99E-01	3.54E-01	2.91E-01
Sample ID:	**608943**	**Sample Dates: 3/11/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.21E-02	0.00E+00	2.21E-02

Sample ID:	608943	Sample Dates: 3/11/2024 - 3/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	8.19E-01	3.11E-01	7.65E-02
Sample ID:	**609354**	**Sample Dates: 3/18/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.59E-02	0.00E+00	3.59E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<2.45E-02	0.00E+00	2.45E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	5.84E-01	2.91E-01	2.81E-01
Sample ID:	**609543**	**Sample Dates: 3/25/2024 - 4/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<3.22E-02	0.00E+00	3.22E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<2.61E-01	0.00E+00	2.61E-01
			K-40	7.33E-01	2.93E-01	7.64E-02
Sample ID:	**610001**	**Sample Dates: 4/1/2024 - 4/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.30E-02	0.00E+00	3.30E-02
			Cs-134	<2.87E-02	0.00E+00	2.87E-02
			Cs-137	<2.64E-02	0.00E+00	2.64E-02
			Be-7	<2.03E-01	0.00E+00	2.03E-01
			K-40	3.07E-01	2.78E-01	4.13E-01
Sample ID:	**610515**	**Sample Dates: 4/8/2024 - 4/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.88E-02	0.00E+00	5.88E-02
			Cs-134	<3.83E-02	0.00E+00	3.83E-02
			Cs-137	<3.27E-02	0.00E+00	3.27E-02
			Be-7	<3.39E-01	0.00E+00	3.39E-01
			K-40	9.84E-01	4.51E-01	4.58E-01
Sample ID:	**611052**	**Sample Dates: 4/15/2024 - 4/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.90E-02	0.00E+00	3.90E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	<7.59E-01	0.00E+00	7.59E-01
Sample ID:	**611222**	**Sample Dates: 4/22/2024 - 4/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.32E-02	0.00E+00	3.32E-02
			Cs-134	<3.49E-02	0.00E+00	3.49E-02
			Cs-137	<2.65E-02	0.00E+00	2.65E-02
			Be-7	<1.83E-01	0.00E+00	1.83E-01
			K-40	<7.65E-01	0.00E+00	7.65E-01
Sample ID:	**611561**	**Sample Dates: 4/29/2024 - 5/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.40E-02	0.00E+00	3.40E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	6.71E-01	3.42E-01	3.97E-01
Sample ID:	**611810**	**Sample Dates: 5/6/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<3.20E-02	0.00E+00	3.20E-02
			Be-7	<2.58E-01	0.00E+00	2.58E-01
			K-40	<6.65E-01	0.00E+00	6.65E-01
Sample ID:	**612318**	**Sample Dates: 5/13/2024 - 5/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<2.87E-02	0.00E+00	2.87E-02
			Cs-137	<2.64E-02	0.00E+00	2.64E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	<6.91E-01	0.00E+00	6.91E-01
Sample ID:	**612586**	**Sample Dates: 5/20/2024 - 5/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.48E-02	0.00E+00	3.48E-02
			Cs-134	<2.04E-02	0.00E+00	2.04E-02

Sample ID:	612586	Sample Dates: 5/20/2024 - 5/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	3.73E-01	1.95E-01	6.73E-02
Sample ID:	**612759**	**Sample Dates: 5/28/2024 - 6/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.90E-02	0.00E+00	3.90E-02
			Cs-134	<3.32E-02	0.00E+00	3.32E-02
			Cs-137	<3.44E-02	0.00E+00	3.44E-02
			Be-7	<2.90E-01	0.00E+00	2.90E-01
			K-40	<7.66E-01	0.00E+00	7.66E-01
Sample ID:	**613594**	**Sample Dates: 6/3/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.67E-02	0.00E+00	4.67E-02
			Cs-134	<3.41E-02	0.00E+00	3.41E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	5.44E-01	3.16E-01	3.91E-01
Sample ID:	**614112**	**Sample Dates: 6/10/2024 - 6/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.19E-02	0.00E+00	4.19E-02
			Cs-134	<2.66E-02	0.00E+00	2.66E-02
			Cs-137	<2.04E-02	0.00E+00	2.04E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	9.01E-01	3.32E-01	7.88E-02
Sample ID:	**614348**	**Sample Dates: 6/17/2024 - 6/24/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.34E-02	0.00E+00	4.34E-02
			Cs-134	<3.42E-02	0.00E+00	3.42E-02
			Cs-137	<2.42E-02	0.00E+00	2.42E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	<6.96E-01	0.00E+00	6.96E-01
Sample ID:	**614520**	**Sample Dates: 6/24/2024 - 7/1/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.93E-02	0.00E+00	4.93E-02
			Cs-134	<1.99E-02	0.00E+00	1.99E-02
			Cs-137	<3.20E-02	0.00E+00	3.20E-02
			Be-7	<2.67E-01	0.00E+00	2.67E-01
			K-40	5.94E-01	3.08E-01	3.41E-01
Sample ID:	**614747**	**Sample Dates: 7/1/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	9.72E-01	3.68E-01	3.01E-01
Sample ID:	**615128**	**Sample Dates: 7/8/2024 - 7/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.25E-02	0.00E+00	3.25E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.28E-01	0.00E+00	2.28E-01
			K-40	<7.33E-01	0.00E+00	7.33E-01
Sample ID:	**615937**	**Sample Dates: 7/15/2024 - 7/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<3.24E-02	0.00E+00	3.24E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.64E-01	0.00E+00	2.64E-01
			K-40	<8.02E-01	0.00E+00	8.02E-01
Sample ID:	**616399**	**Sample Dates: 7/22/2024 - 7/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.91E-02	0.00E+00	4.91E-02
			Cs-134	<3.62E-02	0.00E+00	3.62E-02
			Cs-137	<3.49E-02	0.00E+00	3.49E-02
			Be-7	<2.16E-01	0.00E+00	2.16E-01
			K-40	<6.24E-01	0.00E+00	6.24E-01
Sample ID:	**616671**	**Sample Dates: 7/29/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.36E-02	0.00E+00	4.36E-02

Sample ID: 616671 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<3.60E-02	0.00E+00	3.60E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02
Be-7	<2.59E-01	0.00E+00	2.59E-01
K-40	6.92E-01	3.40E-01	3.80E-01

Sample ID: 617068 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.66E-02	0.00E+00	4.66E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.39E-01	0.00E+00	2.39E-01
K-40	4.99E-01	2.68E-01	2.69E-01

Sample ID: 617550 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.53E-02	0.00E+00	3.53E-02
Cs-134	<3.01E-02	0.00E+00	3.01E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<1.91E-01	0.00E+00	1.91E-01
K-40	9.71E-01	3.67E-01	2.99E-01

Sample ID: 618044 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.63E-02	0.00E+00	3.63E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.26E-01	0.00E+00	2.26E-01
K-40	4.98E-01	2.82E-01	3.19E-01

Sample ID: 618224 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.40E-02	0.00E+00	4.40E-02
Cs-134	<2.66E-02	0.00E+00	2.66E-02
Cs-137	<2.69E-02	0.00E+00	2.69E-02
Be-7	<2.00E-01	0.00E+00	2.00E-01
K-40	<7.00E-01	0.00E+00	7.00E-01

Sample ID: 618457 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.67E-02	0.00E+00	3.67E-02
Cs-134	<3.57E-02	0.00E+00	3.57E-02
Cs-137	<3.77E-02	0.00E+00	3.77E-02
Be-7	<2.54E-01	0.00E+00	2.54E-01
K-40	9.14E-01	3.81E-01	3.13E-01

Sample ID: 619531 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.79E-02	0.00E+00	3.79E-02
Cs-134	<3.30E-02	0.00E+00	3.30E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	6.51E-01	3.33E-01	3.78E-01

Sample ID: 619810 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.81E-02	0.00E+00	3.81E-02
Cs-134	<3.22E-02	0.00E+00	3.22E-02
Cs-137	<2.40E-02	0.00E+00	2.40E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	8.74E-01	3.21E-01	7.64E-02

Sample ID: 620193 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.31E-02	0.00E+00	4.31E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.28E-01	0.00E+00	2.28E-01
K-40	6.56E-01	3.10E-01	3.05E-01

Sample ID: 620405 **Sample Dates: 9/30/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.62E-02	0.00E+00	3.62E-02
Cs-134	<2.31E-02	0.00E+00	2.31E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	6.50E-01	3.38E-01	3.99E-01

Sample ID: 620701 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<2.88E-02	0.00E+00	2.88E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<2.03E-01	0.00E+00	2.03E-01
K-40	4.05E-01	2.19E-01	7.83E-02

Sample ID: 621271 **Sample Dates: 10/14/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.67E-02	0.00E+00	3.67E-02
Cs-134	<3.42E-02	0.00E+00	3.42E-02
Cs-137	<2.21E-02	0.00E+00	2.21E-02
Be-7	<2.17E-01	0.00E+00	2.17E-01
K-40	7.55E-01	3.44E-01	3.57E-01

Sample ID: 621665 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.12E-02	0.00E+00	5.12E-02
Cs-134	<3.63E-02	0.00E+00	3.63E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	6.67E-01	3.18E-01	3.22E-01

Sample ID: 622015 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.63E-02	0.00E+00	4.63E-02
Cs-134	<2.00E-02	0.00E+00	2.00E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	8.35E-01	3.56E-01	3.52E-01

Sample ID: 622285 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.85E-02	0.00E+00	3.85E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<2.97E-02	0.00E+00	2.97E-02
Be-7	<1.49E-01	0.00E+00	1.49E-01
K-40	9.79E-01	3.45E-01	7.81E-02

Sample ID: 622648 **Sample Dates: 11/11/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.94E-02	0.00E+00	3.94E-02
Cs-134	<3.43E-02	0.00E+00	3.43E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.28E-01	0.00E+00	2.28E-01
K-40	6.59E-01	3.07E-01	2.90E-01

Sample ID: 622928 **Sample Dates: 11/18/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.02E-02	0.00E+00	4.02E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.66E-01	0.00E+00	2.66E-01
K-40	7.94E-01	4.22E-01	5.54E-01

Sample ID: 623252 **Sample Dates: 11/25/2024 - 12/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.58E-02	0.00E+00	3.58E-02
Cs-134	<2.01E-02	0.00E+00	2.01E-02
Cs-137	<3.23E-02	0.00E+00	3.23E-02
Be-7	<2.83E-01	0.00E+00	2.83E-01
K-40	7.84E-01	3.64E-01	4.06E-01

Sample ID: 624087 **Sample Dates: 12/2/2024 - 12/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.25E-02	0.00E+00	5.25E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<3.12E-02	0.00E+00	3.12E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	6.53E-01	3.28E-01	3.63E-01

Sample ID: 624619 **Sample Dates: 12/9/2024 - 12/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.79E-02	0.00E+00	4.79E-02
Cs-134	<3.08E-02	0.00E+00	3.08E-02
Cs-137	<2.96E-02	0.00E+00	2.96E-02
Be-7	<2.58E-01	0.00E+00	2.58E-01
K-40	5.80E-01	3.32E-01	4.14E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 195 [INDICATOR - N @ 0.19 miles]

Sample ID:	624826	Sample Dates: 12/16/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.30E-02	0.00E+00	6.30E-02
			Cs-134	<3.40E-02	0.00E+00	3.40E-02
			Cs-137	<2.57E-02	0.00E+00	2.57E-02
			Be-7	<2.77E-01	0.00E+00	2.77E-01
			K-40	6.60E-01	2.96E-01	2.48E-01
Sample ID:	**625041**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.17E-02	0.00E+00	5.17E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.37E-01	0.00E+00	2.37E-01
			K-40	5.55E-01	2.83E-01	2.77E-01

Media Type: CROPS Concentration (Activity): pCi/kg

Sample Point 155 [INDICATOR - NNE @ 4.87 miles]

Sample ID:	602997	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.56E+01	0.00E+00	1.56E+01
				Co-58	<1.49E+01	0.00E+00	1.49E+01
				Fe-59	<2.85E+01	0.00E+00	2.85E+01
				Co-60	<1.64E+01	0.00E+00	1.64E+01
				Zn-65	<4.07E+01	0.00E+00	4.07E+01
				Zr-95	<2.59E+01	0.00E+00	2.59E+01
				Nb-95	<1.49E+01	0.00E+00	1.49E+01
				I-131	<1.29E+01	0.00E+00	1.29E+01
				Cs-134	<1.35E+01	0.00E+00	1.35E+01
				Cs-137	<1.79E+01	0.00E+00	1.79E+01
				BaLa-140	<1.37E+01	0.00E+00	1.37E+01
				Be-7	<1.52E+02	0.00E+00	1.52E+02
				K-40	4.54E+03	6.11E+02	3.04E+02
Sample ID:	**604845**	**Sample Dates: 2/5/2024 - 2/5/2024**	**MIXEDCROPS**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.12E+01	0.00E+00	2.12E+01
				Co-58	<2.20E+01	0.00E+00	2.20E+01
				Fe-59	<5.94E+01	0.00E+00	5.94E+01
				Co-60	<2.60E+01	0.00E+00	2.60E+01
				Zn-65	<4.54E+01	0.00E+00	4.54E+01
				Zr-95	<4.12E+01	0.00E+00	4.12E+01
				Nb-95	<2.93E+01	0.00E+00	2.93E+01
				I-131	<2.56E+01	0.00E+00	2.56E+01
				Cs-134	<3.05E+01	0.00E+00	3.05E+01
				Cs-137	<2.78E+01	0.00E+00	2.78E+01
				BaLa-140	<2.55E+01	0.00E+00	2.55E+01
				Be-7	2.14E+03	3.54E+02	2.52E+02
				K-40	6.22E+03	8.91E+02	5.19E+02
Sample ID:	**607711**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDCROPS**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.22E+01	0.00E+00	1.22E+01
				Co-58	<1.18E+01	0.00E+00	1.18E+01
				Fe-59	<2.79E+01	0.00E+00	2.79E+01
				Co-60	<1.60E+01	0.00E+00	1.60E+01
				Zn-65	<2.63E+01	0.00E+00	2.63E+01
				Zr-95	<1.89E+01	0.00E+00	1.89E+01
				Nb-95	<1.26E+01	0.00E+00	1.26E+01
				I-131	<1.19E+01	0.00E+00	1.19E+01
				Cs-134	<1.45E+01	0.00E+00	1.45E+01
				Cs-137	<1.13E+01	0.00E+00	1.13E+01
				BaLa-140	<1.03E+01	0.00E+00	1.03E+01
				Be-7	1.05E+03	1.70E+02	1.39E+02
				K-40	4.21E+03	5.05E+02	1.67E+02
Sample ID:	**610006**	**Sample Dates: 4/1/2024 - 4/1/2024**	**MIXEDCROPS**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.65E+01	0.00E+00	2.65E+01
				Co-58	<2.70E+01	0.00E+00	2.70E+01
				Fe-59	<6.54E+01	0.00E+00	6.54E+01
				Co-60	<2.30E+01	0.00E+00	2.30E+01
				Zn-65	<6.71E+01	0.00E+00	6.71E+01

Media Type: CROPS Concentration (Activity): pCi/kg

Sample Point 155 [INDICATOR - NNE @ 4.87 miles]

Sample ID:	610006	Sample Dates: 4/1/2024 - 4/1/2024	MIXEDCROPS	Nuclide	Activity	2 Sigma Error	MDA
				Zr-95	<3.50E+01	0.00E+00	3.50E+01
				Nb-95	<2.18E+01	0.00E+00	2.18E+01
				I-131	<1.95E+01	0.00E+00	1.95E+01
				Cs-134	<2.86E+01	0.00E+00	2.86E+01
				Cs-137	<2.00E+01	0.00E+00	2.00E+01
				BaLa-140	<1.91E+01	0.00E+00	1.91E+01
				Be-7	4.31E+02	1.81E+02	2.30E+02
				K-40	5.86E+03	8.59E+02	2.69E+02

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 101 [INDICATOR - E @ 3.31 miles]

Sample ID:	604101	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.66E+00	4.21E+00	3.15E+00
			Mn-54	<4.71E+00	0.00E+00	4.71E+00
			Co-58	<5.38E+00	0.00E+00	5.38E+00
			Fe-59	<8.55E+00	0.00E+00	8.55E+00
			Co-60	<3.59E+00	0.00E+00	3.59E+00
			Zn-65	<5.71E+00	0.00E+00	5.71E+00
			Zr-95	<7.35E+00	0.00E+00	7.35E+00
			Nb-95	<5.99E+00	0.00E+00	5.99E+00
			I-131	<1.28E+01	0.00E+00	1.28E+01
			Cs-134	<5.04E+00	0.00E+00	5.04E+00
			Cs-137	<4.40E+00	0.00E+00	4.40E+00
			BaLa-140	<9.48E+00	0.00E+00	9.48E+00
			Be-7	<3.86E+01	0.00E+00	3.86E+01
			K-40	8.39E+01	4.66E+01	6.17E+01
Sample ID:	**605332**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	3.39E+00	4.24E+00	3.18E+00
			Mn-54	<3.40E+00	0.00E+00	3.40E+00
			Co-58	<5.04E+00	0.00E+00	5.04E+00
			Fe-59	<9.02E+00	0.00E+00	9.02E+00
			Co-60	<4.25E+00	0.00E+00	4.25E+00
			Zn-65	<5.52E+00	0.00E+00	5.52E+00
			Zr-95	<7.55E+00	0.00E+00	7.55E+00
			Nb-95	<3.63E+00	0.00E+00	3.63E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<4.45E+00	0.00E+00	4.45E+00
			Cs-137	<4.09E+00	0.00E+00	4.09E+00
			BaLa-140	<8.44E+00	0.00E+00	8.44E+00
			Be-7	<4.45E+01	0.00E+00	4.45E+01
			K-40	1.10E+02	4.58E+01	4.92E+01
Sample ID:	**609120**	**Sample Dates: 2/19/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.33E+00	0.00E+00	3.33E+00
			Mn-54	<2.38E+00	0.00E+00	2.38E+00
			Co-58	<2.99E+00	0.00E+00	2.99E+00
			Fe-59	<8.27E+00	0.00E+00	8.27E+00
			Co-60	<3.01E+00	0.00E+00	3.01E+00
			Zn-65	<6.37E+00	0.00E+00	6.37E+00
			Zr-95	<5.84E+00	0.00E+00	5.84E+00
			Nb-95	<3.25E+00	0.00E+00	3.25E+00
			I-131	<1.35E+01	0.00E+00	1.35E+01
			Cs-134	<3.38E+00	0.00E+00	3.38E+00
			Cs-137	<3.02E+00	0.00E+00	3.02E+00
			BaLa-140	<6.97E+00	0.00E+00	6.97E+00
			Be-7	<3.35E+01	0.00E+00	3.35E+01
			K-40	9.73E+01	3.85E+01	4.85E+01
Sample ID:	**605072**	**Sample Dates: 12/27/2023 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	5.67E+02	1.29E+02	1.92E+02
Sample ID:	**610575**	**Sample Dates: 3/18/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	4.37E+00	4.23E+00	3.15E+00
			Mn-54	<3.58E+00	0.00E+00	3.58E+00
			Co-58	<4.62E+00	0.00E+00	4.62E+00

Sample ID: 610575 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Fe-59	<7.97E+00	0.00E+00	7.97E+00
Co-60	<3.69E+00	0.00E+00	3.69E+00
Zn-65	<6.83E+00	0.00E+00	6.83E+00
Zr-95	<6.91E+00	0.00E+00	6.91E+00
Nb-95	<4.82E+00	0.00E+00	4.82E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<3.87E+00	0.00E+00	3.87E+00
Cs-137	<2.57E+00	0.00E+00	2.57E+00
BaLa-140	<7.23E+00	0.00E+00	7.23E+00
Be-7	<3.04E+01	0.00E+00	3.04E+01
K-40	1.05E+02	4.21E+01	5.31E+01

Sample ID: 612058 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<3.61E+00	0.00E+00	3.61E+00
Co-58	<3.30E+00	0.00E+00	3.30E+00
Fe-59	<8.37E+00	0.00E+00	8.37E+00
Co-60	<2.22E+00	0.00E+00	2.22E+00
Zn-65	<7.86E+00	0.00E+00	7.86E+00
Zr-95	<7.79E+00	0.00E+00	7.79E+00
Nb-95	<5.66E+00	0.00E+00	5.66E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<3.57E+00	0.00E+00	3.57E+00
Cs-137	<4.02E+00	0.00E+00	4.02E+00
BaLa-140	<1.15E+01	0.00E+00	1.15E+01
Be-7	<3.68E+01	0.00E+00	3.68E+01
K-40	9.44E+01	4.30E+01	5.04E+01

Sample ID: 613669 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.22E+00	0.00E+00	3.22E+00
Mn-54	<3.63E+00	0.00E+00	3.63E+00
Co-58	<2.88E+00	0.00E+00	2.88E+00
Fe-59	<6.84E+00	0.00E+00	6.84E+00
Co-60	<3.91E+00	0.00E+00	3.91E+00
Zn-65	<9.47E+00	0.00E+00	9.47E+00
Zr-95	<7.91E+00	0.00E+00	7.91E+00
Nb-95	<4.74E+00	0.00E+00	4.74E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<4.26E+00	0.00E+00	4.26E+00
Cs-137	<3.54E+00	0.00E+00	3.54E+00
BaLa-140	<6.45E+00	0.00E+00	6.45E+00
Be-7	<3.63E+01	0.00E+00	3.63E+01
K-40	<8.54E+01	0.00E+00	8.54E+01

Sample ID: 612063 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	5.68E+02	1.27E+02	1.87E+02

Sample ID: 614866 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.16E+00	0.00E+00	3.16E+00
Mn-54	<3.51E+00	0.00E+00	3.51E+00
Co-58	<3.28E+00	0.00E+00	3.28E+00
Fe-59	<7.13E+00	0.00E+00	7.13E+00
Co-60	<2.99E+00	0.00E+00	2.99E+00
Zn-65	<7.29E+00	0.00E+00	7.29E+00
Zr-95	<6.52E+00	0.00E+00	6.52E+00
Nb-95	<3.99E+00	0.00E+00	3.99E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.78E+00	0.00E+00	3.78E+00
Cs-137	<2.62E+00	0.00E+00	2.62E+00
BaLa-140	<7.64E+00	0.00E+00	7.64E+00
Be-7	<3.13E+01	0.00E+00	3.13E+01
K-40	6.60E+01	3.23E+01	3.99E+01

Sample ID: 616868 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<2.68E+00	0.00E+00	2.68E+00
Co-58	<3.34E+00	0.00E+00	3.34E+00

Sample ID:	616868	Sample Dates: 7/8/2024 - 8/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			Fe-59	<6.65E+00	0.00E+00	6.65E+00
			Co-60	<2.32E+00	0.00E+00	2.32E+00
			Zn-65	<7.17E+00	0.00E+00	7.17E+00
			Zr-95	<5.48E+00	0.00E+00	5.48E+00
			Nb-95	<3.58E+00	0.00E+00	3.58E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<3.47E+00	0.00E+00	3.47E+00
			Cs-137	<3.05E+00	0.00E+00	3.05E+00
			BaLa-140	<8.58E+00	0.00E+00	8.58E+00
			Be-7	<2.76E+01	0.00E+00	2.76E+01
			K-40	8.02E+01	4.15E+01	5.79E+01

Sample ID:	618332	Sample Dates: 8/5/2024 - 9/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.27E+00	0.00E+00	3.27E+00
			Mn-54	<3.38E+00	0.00E+00	3.38E+00
			Co-58	<4.16E+00	0.00E+00	4.16E+00
			Fe-59	<6.42E+00	0.00E+00	6.42E+00
			Co-60	<3.50E+00	0.00E+00	3.50E+00
			Zn-65	<6.88E+00	0.00E+00	6.88E+00
			Zr-95	<6.38E+00	0.00E+00	6.38E+00
			Nb-95	<4.93E+00	0.00E+00	4.93E+00
			I-131	<1.35E+01	0.00E+00	1.35E+01
			Cs-134	<4.64E+00	0.00E+00	4.64E+00
			Cs-137	<3.85E+00	0.00E+00	3.85E+00
			BaLa-140	<8.86E+00	0.00E+00	8.86E+00
			Be-7	<3.00E+01	0.00E+00	3.00E+01
			K-40	1.12E+02	4.46E+01	5.35E+01

Sample ID:	617218	Sample Dates: 7/8/2024 - 9/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3DW	8.97E+02	1.35E+02	1.82E+02

Sample ID:	620265	Sample Dates: 9/3/2024 - 9/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.22E+00	0.00E+00	3.22E+00
			Mn-54	<3.72E+00	0.00E+00	3.72E+00
			Co-58	<5.26E+00	0.00E+00	5.26E+00
			Fe-59	<1.08E+01	0.00E+00	1.08E+01
			Co-60	<4.62E+00	0.00E+00	4.62E+00
			Zn-65	<9.14E+00	0.00E+00	9.14E+00
			Zr-95	<9.31E+00	0.00E+00	9.31E+00
			Nb-95	<6.04E+00	0.00E+00	6.04E+00
			I-131	<1.26E+01	0.00E+00	1.26E+01
			Cs-134	<4.65E+00	0.00E+00	4.65E+00
			Cs-137	<4.47E+00	0.00E+00	4.47E+00
			BaLa-140	<8.38E+00	0.00E+00	8.38E+00
			Be-7	<4.20E+01	0.00E+00	4.20E+01
			K-40	7.35E+01	4.86E+01	6.88E+01

Sample ID:	621847	Sample Dates: 9/30/2024 - 10/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.26E+00	0.00E+00	3.26E+00
			Mn-54	<3.10E+00	0.00E+00	3.10E+00
			Co-58	<2.77E+00	0.00E+00	2.77E+00
			Fe-59	<6.58E+00	0.00E+00	6.58E+00
			Co-60	<3.87E+00	0.00E+00	3.87E+00
			Zn-65	<6.40E+00	0.00E+00	6.40E+00
			Zr-95	<6.45E+00	0.00E+00	6.45E+00
			Nb-95	<5.02E+00	0.00E+00	5.02E+00
			I-131	<1.32E+01	0.00E+00	1.32E+01
			Cs-134	<3.23E+00	0.00E+00	3.23E+00
			Cs-137	<3.62E+00	0.00E+00	3.62E+00
			BaLa-140	<7.29E+00	0.00E+00	7.29E+00
			Be-7	<2.86E+01	0.00E+00	2.86E+01
			K-40	1.17E+02	3.99E+01	4.53E+01

Sample ID:	623022	Sample Dates: 10/28/2024 - 11/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.25E+00	0.00E+00	3.25E+00
			Mn-54	<3.38E+00	0.00E+00	3.38E+00
			Co-58	<3.27E+00	0.00E+00	3.27E+00

Sample Point 101 [INDICATOR - E @ 3.31 miles]

Sample ID: 623022 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Fe-59	<7.35E+00	0.00E+00	7.35E+00
Co-60	<3.78E+00	0.00E+00	3.78E+00
Zn-65	<6.50E+00	0.00E+00	6.50E+00
Zr-95	<6.63E+00	0.00E+00	6.63E+00
Nb-95	<4.17E+00	0.00E+00	4.17E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<3.29E+00	0.00E+00	3.29E+00
Cs-137	<3.88E+00	0.00E+00	3.88E+00
BaLa-140	<7.21E+00	0.00E+00	7.21E+00
Be-7	<3.08E+01	0.00E+00	3.08E+01
K-40	1.03E+02	4.23E+01	5.00E+01

Sample ID: 622560 **Sample Dates: 9/30/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	5.03E+02	1.26E+02	1.88E+02

Sample ID: 624911 **Sample Dates: 12/23/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.21E+00	0.00E+00	3.21E+00
Mn-54	<4.08E+00	0.00E+00	4.08E+00
Co-58	<3.90E+00	0.00E+00	3.90E+00
Fe-59	<7.51E+00	0.00E+00	7.51E+00
Co-60	<4.60E+00	0.00E+00	4.60E+00
Zn-65	<9.43E+00	0.00E+00	9.43E+00
Zr-95	<7.22E+00	0.00E+00	7.22E+00
Nb-95	<5.01E+00	0.00E+00	5.01E+00
I-131	<5.83E+00	0.00E+00	5.83E+00
Cs-134	<5.46E+00	0.00E+00	5.46E+00
Cs-137	<5.16E+00	0.00E+00	5.16E+00
BaLa-140	<5.28E+00	0.00E+00	5.28E+00
Be-7	<2.78E+01	0.00E+00	2.78E+01
K-40	1.39E+02	4.88E+01	3.89E+01

Sample Point 119 [INDICATOR - SSW @ 7.4 miles]

Sample ID: 604102 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	3.55E+00	4.21E+00	3.15E+00
Mn-54	<2.77E+00	0.00E+00	2.77E+00
Co-58	<4.36E+00	0.00E+00	4.36E+00
Fe-59	<6.74E+00	0.00E+00	6.74E+00
Co-60	<3.97E+00	0.00E+00	3.97E+00
Zn-65	<8.78E+00	0.00E+00	8.78E+00
Zr-95	<8.19E+00	0.00E+00	8.19E+00
Nb-95	<4.55E+00	0.00E+00	4.55E+00
I-131	<1.24E+01	0.00E+00	1.24E+01
Cs-134	<3.27E+00	0.00E+00	3.27E+00
Cs-137	<3.34E+00	0.00E+00	3.34E+00
BaLa-140	<1.23E+01	0.00E+00	1.23E+01
Be-7	<3.23E+01	0.00E+00	3.23E+01
K-40	1.02E+02	3.61E+01	2.78E+01

Sample ID: 605333 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.18E+00	0.00E+00	3.18E+00
Mn-54	<3.03E+00	0.00E+00	3.03E+00
Co-58	<2.65E+00	0.00E+00	2.65E+00
Fe-59	<8.00E+00	0.00E+00	8.00E+00
Co-60	<2.19E+00	0.00E+00	2.19E+00
Zn-65	<6.02E+00	0.00E+00	6.02E+00
Zr-95	<5.02E+00	0.00E+00	5.02E+00
Nb-95	<3.56E+00	0.00E+00	3.56E+00
I-131	<1.21E+01	0.00E+00	1.21E+01
Cs-134	<3.22E+00	0.00E+00	3.22E+00
Cs-137	<2.90E+00	0.00E+00	2.90E+00
BaLa-140	<4.39E+00	0.00E+00	4.39E+00
Be-7	<2.49E+01	0.00E+00	2.49E+01
K-40	8.43E+01	3.81E+01	5.24E+01

Sample ID: 609121 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.33E+00	0.00E+00	3.33E+00

Sample ID: 609121 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.06E+00	0.00E+00	4.06E+00
Co-58	<4.69E+00	0.00E+00	4.69E+00
Fe-59	<8.93E+00	0.00E+00	8.93E+00
Co-60	<3.62E+00	0.00E+00	3.62E+00
Zn-65	<7.79E+00	0.00E+00	7.79E+00
Zr-95	<8.90E+00	0.00E+00	8.90E+00
Nb-95	<5.98E+00	0.00E+00	5.98E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.50E+00	0.00E+00	4.50E+00
Cs-137	<3.07E+00	0.00E+00	3.07E+00
BaLa-140	<1.02E+01	0.00E+00	1.02E+01
Be-7	<3.26E+01	0.00E+00	3.26E+01
K-40	5.07E+01	3.84E+01	5.62E+01

Sample ID: 605073 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	3.73E+02	1.24E+02	1.93E+02

Sample ID: 610576 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.15E+00	0.00E+00	3.15E+00
Mn-54	<3.45E+00	0.00E+00	3.45E+00
Co-58	<3.76E+00	0.00E+00	3.76E+00
Fe-59	<5.65E+00	0.00E+00	5.65E+00
Co-60	<3.03E+00	0.00E+00	3.03E+00
Zn-65	<6.18E+00	0.00E+00	6.18E+00
Zr-95	<5.80E+00	0.00E+00	5.80E+00
Nb-95	<4.64E+00	0.00E+00	4.64E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<3.74E+00	0.00E+00	3.74E+00
Cs-137	<2.44E+00	0.00E+00	2.44E+00
BaLa-140	<7.57E+00	0.00E+00	7.57E+00
Be-7	<2.58E+01	0.00E+00	2.58E+01
K-40	9.24E+01	3.82E+01	4.78E+01

Sample ID: 612059 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<3.60E+00	0.00E+00	3.60E+00
Co-58	<3.59E+00	0.00E+00	3.59E+00
Fe-59	<6.81E+00	0.00E+00	6.81E+00
Co-60	<2.13E+00	0.00E+00	2.13E+00
Zn-65	<3.92E+00	0.00E+00	3.92E+00
Zr-95	<6.73E+00	0.00E+00	6.73E+00
Nb-95	<4.85E+00	0.00E+00	4.85E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<3.14E+00	0.00E+00	3.14E+00
Cs-137	<3.66E+00	0.00E+00	3.66E+00
BaLa-140	<1.10E+01	0.00E+00	1.10E+01
Be-7	<4.06E+01	0.00E+00	4.06E+01
K-40	4.25E+01	3.83E+01	5.91E+01

Sample ID: 613670 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.22E+00	0.00E+00	3.22E+00
Mn-54	<2.91E+00	0.00E+00	2.91E+00
Co-58	<3.16E+00	0.00E+00	3.16E+00
Fe-59	<6.09E+00	0.00E+00	6.09E+00
Co-60	<2.87E+00	0.00E+00	2.87E+00
Zn-65	<6.47E+00	0.00E+00	6.47E+00
Zr-95	<5.47E+00	0.00E+00	5.47E+00
Nb-95	<3.99E+00	0.00E+00	3.99E+00
I-131	<1.16E+01	0.00E+00	1.16E+01
Cs-134	<2.77E+00	0.00E+00	2.77E+00
Cs-137	<2.77E+00	0.00E+00	2.77E+00
BaLa-140	<5.86E+00	0.00E+00	5.86E+00
Be-7	<2.81E+01	0.00E+00	2.81E+01
K-40	9.17E+01	2.98E+01	2.99E+01

Sample ID: 612064 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	4.31E+02	1.22E+02	1.86E+02

MCGUIRE Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 119 [INDICATOR - SSW @ 7.4 miles]

Sample ID: 614867 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.16E+00	0.00E+00	3.16E+00
Mn-54	<4.00E+00	0.00E+00	4.00E+00
Co-58	<4.68E+00	0.00E+00	4.68E+00
Fe-59	<7.98E+00	0.00E+00	7.98E+00
Co-60	<3.11E+00	0.00E+00	3.11E+00
Zn-65	<6.65E+00	0.00E+00	6.65E+00
Zr-95	<8.31E+00	0.00E+00	8.31E+00
Nb-95	<4.74E+00	0.00E+00	4.74E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<4.67E+00	0.00E+00	4.67E+00
Cs-137	<4.45E+00	0.00E+00	4.45E+00
BaLa-140	<2.54E+00	0.00E+00	2.54E+00
Be-7	<3.60E+01	0.00E+00	3.60E+01
K-40	1.44E+02	5.22E+01	5.22E+01

Sample ID: 616869 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<2.99E+00	0.00E+00	2.99E+00
Co-58	<4.19E+00	0.00E+00	4.19E+00
Fe-59	<7.83E+00	0.00E+00	7.83E+00
Co-60	<3.31E+00	0.00E+00	3.31E+00
Zn-65	<6.55E+00	0.00E+00	6.55E+00
Zr-95	<5.86E+00	0.00E+00	5.86E+00
Nb-95	<4.21E+00	0.00E+00	4.21E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.94E+00	0.00E+00	3.94E+00
Cs-137	<3.45E+00	0.00E+00	3.45E+00
BaLa-140	<6.25E+00	0.00E+00	6.25E+00
Be-7	<2.77E+01	0.00E+00	2.77E+01
K-40	6.04E+01	4.02E+01	5.85E+01

Sample ID: 618333 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.27E+00	0.00E+00	3.27E+00
Mn-54	<3.62E+00	0.00E+00	3.62E+00
Co-58	<3.51E+00	0.00E+00	3.51E+00
Fe-59	<6.90E+00	0.00E+00	6.90E+00
Co-60	<3.07E+00	0.00E+00	3.07E+00
Zn-65	<8.09E+00	0.00E+00	8.09E+00
Zr-95	<6.47E+00	0.00E+00	6.47E+00
Nb-95	<3.94E+00	0.00E+00	3.94E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<3.07E+00	0.00E+00	3.07E+00
Cs-137	<2.23E+00	0.00E+00	2.23E+00
BaLa-140	<8.41E+00	0.00E+00	8.41E+00
Be-7	1.32E+01	1.78E+01	2.95E+01
K-40	6.38E+01	3.34E+01	4.31E+01

Sample ID: 617219 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	6.01E+02	1.26E+02	1.82E+02

Sample ID: 620266 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.22E+00	0.00E+00	3.22E+00
Mn-54	<3.83E+00	0.00E+00	3.83E+00
Co-58	<5.34E+00	0.00E+00	5.34E+00
Fe-59	<1.18E+01	0.00E+00	1.18E+01
Co-60	<3.02E+00	0.00E+00	3.02E+00
Zn-65	<4.38E+00	0.00E+00	4.38E+00
Zr-95	<8.20E+00	0.00E+00	8.20E+00
Nb-95	<5.92E+00	0.00E+00	5.92E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<5.05E+00	0.00E+00	5.05E+00
Cs-137	<3.33E+00	0.00E+00	3.33E+00
BaLa-140	<6.19E+00	0.00E+00	6.19E+00
Be-7	<3.32E+01	0.00E+00	3.32E+01
K-40	3.06E+01	3.84E+01	6.27E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 119 [INDICATOR - SSW @ 7.4 miles]

Sample ID: 621848 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<2.88E+00	0.00E+00	2.88E+00
Co-58	<3.06E+00	0.00E+00	3.06E+00
Fe-59	<5.91E+00	0.00E+00	5.91E+00
Co-60	<1.78E+00	0.00E+00	1.78E+00
Zn-65	<5.90E+00	0.00E+00	5.90E+00
Zr-95	<3.85E+00	0.00E+00	3.85E+00
Nb-95	<3.45E+00	0.00E+00	3.45E+00
I-131	<1.11E+01	0.00E+00	1.11E+01
Cs-134	<3.05E+00	0.00E+00	3.05E+00
Cs-137	<2.08E+00	0.00E+00	2.08E+00
BaLa-140	<6.54E+00	0.00E+00	6.54E+00
Be-7	<2.61E+01	0.00E+00	2.61E+01
K-40	5.73E+01	3.02E+01	4.19E+01

Sample ID: 623023 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.25E+00	0.00E+00	3.25E+00
Mn-54	<4.18E+00	0.00E+00	4.18E+00
Co-58	<3.91E+00	0.00E+00	3.91E+00
Fe-59	<4.81E+00	0.00E+00	4.81E+00
Co-60	<4.69E+00	0.00E+00	4.69E+00
Zn-65	<9.22E+00	0.00E+00	9.22E+00
Zr-95	<6.93E+00	0.00E+00	6.93E+00
Nb-95	<5.15E+00	0.00E+00	5.15E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<5.42E+00	0.00E+00	5.42E+00
Cs-137	<4.74E+00	0.00E+00	4.74E+00
BaLa-140	<9.57E+00	0.00E+00	9.57E+00
Be-7	<4.02E+01	0.00E+00	4.02E+01
K-40	8.17E+01	4.95E+01	6.91E+01

Sample ID: 622561 **Sample Dates: 9/30/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	2.12E+02	1.15E+02	1.87E+02

Sample ID: 624912 **Sample Dates: 11/25/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.21E+00	0.00E+00	3.21E+00
Mn-54	<3.22E+00	0.00E+00	3.22E+00
Co-58	<3.81E+00	0.00E+00	3.81E+00
Fe-59	<9.99E+00	0.00E+00	9.99E+00
Co-60	<3.72E+00	0.00E+00	3.72E+00
Zn-65	<7.41E+00	0.00E+00	7.41E+00
Zr-95	<7.12E+00	0.00E+00	7.12E+00
Nb-95	<4.77E+00	0.00E+00	4.77E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<3.76E+00	0.00E+00	3.76E+00
Cs-137	<4.42E+00	0.00E+00	4.42E+00
BaLa-140	<1.19E+01	0.00E+00	1.19E+01
Be-7	<4.07E+01	0.00E+00	4.07E+01
K-40	5.73E+01	3.87E+01	5.52E+01

Sample Point 132 [INDICATOR - SSE @ 11.1 miles]

Sample ID: 604103 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.15E+00	0.00E+00	3.15E+00
Mn-54	<3.39E+00	0.00E+00	3.39E+00
Co-58	<4.32E+00	0.00E+00	4.32E+00
Fe-59	<8.42E+00	0.00E+00	8.42E+00
Co-60	<2.40E+00	0.00E+00	2.40E+00
Zn-65	<7.15E+00	0.00E+00	7.15E+00
Zr-95	<6.35E+00	0.00E+00	6.35E+00
Nb-95	<4.17E+00	0.00E+00	4.17E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.48E+00	0.00E+00	4.48E+00
Cs-137	<4.04E+00	0.00E+00	4.04E+00
BaLa-140	<9.02E+00	0.00E+00	9.02E+00
Be-7	<4.00E+01	0.00E+00	4.00E+01
K-40	1.08E+02	3.99E+01	4.03E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 132 [INDICATOR - SSE @ 11.1 miles]

Sample ID: 605334 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.18E+00	0.00E+00	3.18E+00
Mn-54	<3.55E+00	0.00E+00	3.55E+00
Co-58	<4.68E+00	0.00E+00	4.68E+00
Fe-59	<8.90E+00	0.00E+00	8.90E+00
Co-60	<3.92E+00	0.00E+00	3.92E+00
Zn-65	<5.93E+00	0.00E+00	5.93E+00
Zr-95	<5.79E+00	0.00E+00	5.79E+00
Nb-95	<4.88E+00	0.00E+00	4.88E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.66E+00	0.00E+00	4.66E+00
Cs-137	<3.28E+00	0.00E+00	3.28E+00
BaLa-140	<9.04E+00	0.00E+00	9.04E+00
Be-7	<3.43E+01	0.00E+00	3.43E+01
K-40	7.84E+01	3.32E+01	2.71E+01

Sample ID: 609122 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.33E+00	0.00E+00	3.33E+00
Mn-54	<3.40E+00	0.00E+00	3.40E+00
Co-58	<3.59E+00	0.00E+00	3.59E+00
Fe-59	<7.52E+00	0.00E+00	7.52E+00
Co-60	<2.63E+00	0.00E+00	2.63E+00
Zn-65	<6.98E+00	0.00E+00	6.98E+00
Zr-95	<7.35E+00	0.00E+00	7.35E+00
Nb-95	<5.02E+00	0.00E+00	5.02E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<3.48E+00	0.00E+00	3.48E+00
Cs-137	<3.68E+00	0.00E+00	3.68E+00
BaLa-140	<8.99E+00	0.00E+00	8.99E+00
Be-7	<3.26E+01	0.00E+00	3.26E+01
K-40	9.41E+01	3.83E+01	4.78E+01

Sample ID: 605074 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	3.45E+02	1.22E+02	1.92E+02

Sample ID: 610577 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	3.56E+00	4.22E+00	3.15E+00
Mn-54	<2.97E+00	0.00E+00	2.97E+00
Co-58	<3.31E+00	0.00E+00	3.31E+00
Fe-59	<7.03E+00	0.00E+00	7.03E+00
Co-60	<3.37E+00	0.00E+00	3.37E+00
Zn-65	<6.50E+00	0.00E+00	6.50E+00
Zr-95	<5.48E+00	0.00E+00	5.48E+00
Nb-95	<3.62E+00	0.00E+00	3.62E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.18E+00	0.00E+00	3.18E+00
Cs-137	<2.35E+00	0.00E+00	2.35E+00
BaLa-140	<7.58E+00	0.00E+00	7.58E+00
Be-7	<3.29E+01	0.00E+00	3.29E+01
K-40	9.34E+01	3.77E+01	4.65E+01

Sample ID: 612060 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<2.57E+00	0.00E+00	2.57E+00
Co-58	<2.92E+00	0.00E+00	2.92E+00
Fe-59	<4.16E+00	0.00E+00	4.16E+00
Co-60	<2.57E+00	0.00E+00	2.57E+00
Zn-65	<4.20E+00	0.00E+00	4.20E+00
Zr-95	<5.80E+00	0.00E+00	5.80E+00
Nb-95	<3.94E+00	0.00E+00	3.94E+00
I-131	<1.05E+01	0.00E+00	1.05E+01
Cs-134	<3.00E+00	0.00E+00	3.00E+00
Cs-137	<2.56E+00	0.00E+00	2.56E+00
BaLa-140	<4.71E+00	0.00E+00	4.71E+00
Be-7	<3.07E+01	0.00E+00	3.07E+01
K-40	7.97E+01	3.19E+01	3.99E+01

Sample ID: 613671 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.22E+00	0.00E+00	3.22E+00
Mn-54	<2.85E+00	0.00E+00	2.85E+00
Co-58	<3.61E+00	0.00E+00	3.61E+00
Fe-59	<8.05E+00	0.00E+00	8.05E+00
Co-60	<3.82E+00	0.00E+00	3.82E+00
Zn-65	<6.44E+00	0.00E+00	6.44E+00
Zr-95	<6.02E+00	0.00E+00	6.02E+00
Nb-95	<4.04E+00	0.00E+00	4.04E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.38E+00	0.00E+00	4.38E+00
Cs-137	<2.98E+00	0.00E+00	2.98E+00
BaLa-140	<8.45E+00	0.00E+00	8.45E+00
Be-7	<3.20E+01	0.00E+00	3.20E+01
K-40	<7.50E+01	0.00E+00	7.50E+01

Sample ID: 612065 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	3.75E+02	1.21E+02	1.87E+02

Sample ID: 614868 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.16E+00	0.00E+00	3.16E+00
Mn-54	<4.43E+00	0.00E+00	4.43E+00
Co-58	<5.68E+00	0.00E+00	5.68E+00
Fe-59	<8.09E+00	0.00E+00	8.09E+00
Co-60	<3.17E+00	0.00E+00	3.17E+00
Zn-65	<9.42E+00	0.00E+00	9.42E+00
Zr-95	<8.35E+00	0.00E+00	8.35E+00
Nb-95	<6.39E+00	0.00E+00	6.39E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<3.97E+00	0.00E+00	3.97E+00
Cs-137	<4.79E+00	0.00E+00	4.79E+00
BaLa-140	<7.01E+00	0.00E+00	7.01E+00
Be-7	<3.99E+01	0.00E+00	3.99E+01
K-40	4.97E+01	4.47E+01	6.87E+01

Sample ID: 616870 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.31E+00	0.00E+00	3.31E+00
Co-58	<2.36E+00	0.00E+00	2.36E+00
Fe-59	<9.06E+00	0.00E+00	9.06E+00
Co-60	<2.87E+00	0.00E+00	2.87E+00
Zn-65	<7.77E+00	0.00E+00	7.77E+00
Zr-95	<8.92E+00	0.00E+00	8.92E+00
Nb-95	<4.91E+00	0.00E+00	4.91E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.82E+00	0.00E+00	4.82E+00
Cs-137	<4.32E+00	0.00E+00	4.32E+00
BaLa-140	<1.13E+01	0.00E+00	1.13E+01
Be-7	<3.18E+01	0.00E+00	3.18E+01
K-40	<7.46E+01	0.00E+00	7.46E+01

Sample ID: 618334 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.27E+00	0.00E+00	3.27E+00
Mn-54	<3.25E+00	0.00E+00	3.25E+00
Co-58	<4.49E+00	0.00E+00	4.49E+00
Fe-59	<6.73E+00	0.00E+00	6.73E+00
Co-60	<4.13E+00	0.00E+00	4.13E+00
Zn-65	<6.29E+00	0.00E+00	6.29E+00
Zr-95	<6.97E+00	0.00E+00	6.97E+00
Nb-95	<5.58E+00	0.00E+00	5.58E+00
I-131	<1.27E+01	0.00E+00	1.27E+01
Cs-134	<4.49E+00	0.00E+00	4.49E+00
Cs-137	<5.09E+00	0.00E+00	5.09E+00
BaLa-140	<1.01E+01	0.00E+00	1.01E+01
Be-7	<3.24E+01	0.00E+00	3.24E+01
K-40	8.48E+01	4.19E+01	5.46E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 132 [INDICATOR - SSE @ 11.1 miles]

Sample ID:	617220	Sample Dates: 7/8/2024 - 9/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3DW	6.21E+02	1.27E+02	1.83E+02
Sample ID:	**620267**	**Sample Dates: 9/3/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.22E+00	0.00E+00	3.22E+00
			Mn-54	<2.98E+00	0.00E+00	2.98E+00
			Co-58	<3.83E+00	0.00E+00	3.83E+00
			Fe-59	<8.37E+00	0.00E+00	8.37E+00
			Co-60	<2.85E+00	0.00E+00	2.85E+00
			Zn-65	<7.29E+00	0.00E+00	7.29E+00
			Zr-95	<6.78E+00	0.00E+00	6.78E+00
			Nb-95	<4.24E+00	0.00E+00	4.24E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<3.60E+00	0.00E+00	3.60E+00
			Cs-137	<4.17E+00	0.00E+00	4.17E+00
			BaLa-140	<7.35E+00	0.00E+00	7.35E+00
			Be-7	<3.69E+01	0.00E+00	3.69E+01
			K-40	<7.30E+01	0.00E+00	7.30E+01
Sample ID:	**621849**	**Sample Dates: 9/30/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.26E+00	0.00E+00	3.26E+00
			Mn-54	<3.40E+00	0.00E+00	3.40E+00
			Co-58	<4.06E+00	0.00E+00	4.06E+00
			Fe-59	<6.48E+00	0.00E+00	6.48E+00
			Co-60	<3.26E+00	0.00E+00	3.26E+00
			Zn-65	<6.48E+00	0.00E+00	6.48E+00
			Zr-95	<7.21E+00	0.00E+00	7.21E+00
			Nb-95	<5.14E+00	0.00E+00	5.14E+00
			I-131	<1.32E+01	0.00E+00	1.32E+01
			Cs-134	<3.12E+00	0.00E+00	3.12E+00
			Cs-137	<3.98E+00	0.00E+00	3.98E+00
			BaLa-140	<1.10E+01	0.00E+00	1.10E+01
			Be-7	<3.28E+01	0.00E+00	3.28E+01
			K-40	1.05E+02	3.97E+01	4.24E+01
Sample ID:	**623024**	**Sample Dates: 10/28/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.25E+00	0.00E+00	3.25E+00
			Mn-54	<3.72E+00	0.00E+00	3.72E+00
			Co-58	<4.11E+00	0.00E+00	4.11E+00
			Fe-59	<9.16E+00	0.00E+00	9.16E+00
			Co-60	<4.70E+00	0.00E+00	4.70E+00
			Zn-65	<9.18E+00	0.00E+00	9.18E+00
			Zr-95	<9.44E+00	0.00E+00	9.44E+00
			Nb-95	<5.74E+00	0.00E+00	5.74E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<4.58E+00	0.00E+00	4.58E+00
			Cs-137	<4.83E+00	0.00E+00	4.83E+00
			BaLa-140	<9.58E+00	0.00E+00	9.58E+00
			Be-7	<4.30E+01	0.00E+00	4.30E+01
			K-40	8.36E+01	4.00E+01	4.40E+01
Sample ID:	**622562**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	2.50E+02	1.18E+02	1.88E+02
Sample ID:	**624913**	**Sample Dates: 11/25/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.21E+00	0.00E+00	3.21E+00
			Mn-54	<2.84E+00	0.00E+00	2.84E+00
			Co-58	<3.39E+00	0.00E+00	3.39E+00
			Fe-59	<8.09E+00	0.00E+00	8.09E+00
			Co-60	<3.51E+00	0.00E+00	3.51E+00
			Zn-65	<6.97E+00	0.00E+00	6.97E+00
			Zr-95	<5.85E+00	0.00E+00	5.85E+00
			Nb-95	<2.63E+00	0.00E+00	2.63E+00
			I-131	<1.19E+01	0.00E+00	1.19E+01
			Cs-134	<3.63E+00	0.00E+00	3.63E+00
			Cs-137	<3.46E+00	0.00E+00	3.46E+00
			BaLa-140	<8.11E+00	0.00E+00	8.11E+00
			Be-7	<3.06E+01	0.00E+00	3.06E+01

Sample Point 132 [INDICATOR - SSE @ 11.1 miles]

Sample ID:	624913	Sample Dates: 11/25/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	9.22E+01	3.98E+01	5.24E+01

Sample Point 136 [CONTROL - NNE @ 12.7 miles]

Sample ID:	604104	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.15E+00	0.00E+00	3.15E+00
			Mn-54	<3.50E+00	0.00E+00	3.50E+00
			Co-58	<3.38E+00	0.00E+00	3.38E+00
			Fe-59	<8.40E+00	0.00E+00	8.40E+00
			Co-60	<3.11E+00	0.00E+00	3.11E+00
			Zn-65	<4.41E+00	0.00E+00	4.41E+00
			Zr-95	<5.99E+00	0.00E+00	5.99E+00
			Nb-95	<3.56E+00	0.00E+00	3.56E+00
			I-131	<1.29E+01	0.00E+00	1.29E+01
			Cs-134	<3.73E+00	0.00E+00	3.73E+00
			Cs-137	<4.11E+00	0.00E+00	4.11E+00
			BaLa-140	<8.20E+00	0.00E+00	8.20E+00
			Be-7	<3.02E+01	0.00E+00	3.02E+01
			K-40	<6.89E+01	0.00E+00	6.89E+01
Sample ID:	**605335**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.18E+00	0.00E+00	3.18E+00
			Mn-54	<3.59E+00	0.00E+00	3.59E+00
			Co-58	<4.56E+00	0.00E+00	4.56E+00
			Fe-59	<7.86E+00	0.00E+00	7.86E+00
			Co-60	<4.55E+00	0.00E+00	4.55E+00
			Zn-65	<8.38E+00	0.00E+00	8.38E+00
			Zr-95	<7.07E+00	0.00E+00	7.07E+00
			Nb-95	<5.32E+00	0.00E+00	5.32E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<3.01E+00	0.00E+00	3.01E+00
			Cs-137	<4.26E+00	0.00E+00	4.26E+00
			BaLa-140	<1.02E+01	0.00E+00	1.02E+01
			Be-7	<3.07E+01	0.00E+00	3.07E+01
			K-40	<7.53E+01	0.00E+00	7.53E+01
Sample ID:	**609123**	**Sample Dates: 2/19/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.33E+00	0.00E+00	3.33E+00
			Mn-54	<3.66E+00	0.00E+00	3.66E+00
			Co-58	<3.59E+00	0.00E+00	3.59E+00
			Fe-59	<6.87E+00	0.00E+00	6.87E+00
			Co-60	<3.63E+00	0.00E+00	3.63E+00
			Zn-65	<6.96E+00	0.00E+00	6.96E+00
			Zr-95	<4.03E+00	0.00E+00	4.03E+00
			Nb-95	<3.09E+00	0.00E+00	3.09E+00
			I-131	<1.32E+01	0.00E+00	1.32E+01
			Cs-134	<3.47E+00	0.00E+00	3.47E+00
			Cs-137	<2.74E+00	0.00E+00	2.74E+00
			BaLa-140	<8.21E+00	0.00E+00	8.21E+00
			Be-7	<3.13E+01	0.00E+00	3.13E+01
			K-40	4.56E+01	3.93E+01	6.15E+01
Sample ID:	**605075**	**Sample Dates: 12/27/2023 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<-3.9E+01	0.00E+00	1.92E+02
Sample ID:	**610578**	**Sample Dates: 3/18/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.15E+00	0.00E+00	3.15E+00
			Mn-54	<2.93E+00	0.00E+00	2.93E+00
			Co-58	<4.13E+00	0.00E+00	4.13E+00
			Fe-59	<9.55E+00	0.00E+00	9.55E+00
			Co-60	<3.23E+00	0.00E+00	3.23E+00
			Zn-65	<7.21E+00	0.00E+00	7.21E+00
			Zr-95	<5.79E+00	0.00E+00	5.79E+00
			Nb-95	<3.68E+00	0.00E+00	3.68E+00
			I-131	<1.26E+01	0.00E+00	1.26E+01
			Cs-134	<4.24E+00	0.00E+00	4.24E+00
			Cs-137	<3.71E+00	0.00E+00	3.71E+00

Sample ID: 610578 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
BaLa-140	<5.15E+00	0.00E+00	5.15E+00
Be-7	<2.74E+01	0.00E+00	2.74E+01
K-40	6.59E+01	3.53E+01	4.62E+01

Sample ID: 612061 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<3.71E+00	0.00E+00	3.71E+00
Co-58	<3.34E+00	0.00E+00	3.34E+00
Fe-59	<7.03E+00	0.00E+00	7.03E+00
Co-60	<3.34E+00	0.00E+00	3.34E+00
Zn-65	<7.81E+00	0.00E+00	7.81E+00
Zr-95	<5.61E+00	0.00E+00	5.61E+00
Nb-95	<3.73E+00	0.00E+00	3.73E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.52E+00	0.00E+00	3.52E+00
Cs-137	<3.95E+00	0.00E+00	3.95E+00
BaLa-140	<7.38E+00	0.00E+00	7.38E+00
Be-7	<4.10E+01	0.00E+00	4.10E+01
K-40	7.41E+01	3.48E+01	4.08E+01

Sample ID: 613672 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.22E+00	0.00E+00	3.22E+00
Mn-54	<3.52E+00	0.00E+00	3.52E+00
Co-58	<3.36E+00	0.00E+00	3.36E+00
Fe-59	<7.50E+00	0.00E+00	7.50E+00
Co-60	<3.56E+00	0.00E+00	3.56E+00
Zn-65	<7.92E+00	0.00E+00	7.92E+00
Zr-95	<5.95E+00	0.00E+00	5.95E+00
Nb-95	<4.86E+00	0.00E+00	4.86E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.65E+00	0.00E+00	4.65E+00
Cs-137	<3.56E+00	0.00E+00	3.56E+00
BaLa-140	<6.79E+00	0.00E+00	6.79E+00
Be-7	<3.43E+01	0.00E+00	3.43E+01
K-40	<6.61E+01	0.00E+00	6.61E+01

Sample ID: 612066 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<2.16E+01	0.00E+00	1.87E+02

Sample ID: 614869 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.16E+00	0.00E+00	3.16E+00
Mn-54	<4.24E+00	0.00E+00	4.24E+00
Co-58	<3.18E+00	0.00E+00	3.18E+00
Fe-59	<7.53E+00	0.00E+00	7.53E+00
Co-60	<3.59E+00	0.00E+00	3.59E+00
Zn-65	<4.75E+00	0.00E+00	4.75E+00
Zr-95	<7.16E+00	0.00E+00	7.16E+00
Nb-95	<4.54E+00	0.00E+00	4.54E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.00E+00	0.00E+00	3.00E+00
Cs-137	<3.05E+00	0.00E+00	3.05E+00
BaLa-140	<6.21E+00	0.00E+00	6.21E+00
Be-7	<3.10E+01	0.00E+00	3.10E+01
K-40	8.73E+01	3.61E+01	4.04E+01

Sample ID: 616871 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.43E+00	0.00E+00	3.43E+00
Co-58	<4.07E+00	0.00E+00	4.07E+00
Fe-59	<5.94E+00	0.00E+00	5.94E+00
Co-60	<3.80E+00	0.00E+00	3.80E+00
Zn-65	<7.38E+00	0.00E+00	7.38E+00
Zr-95	<6.71E+00	0.00E+00	6.71E+00
Nb-95	<3.88E+00	0.00E+00	3.88E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<4.35E+00	0.00E+00	4.35E+00
Cs-137	<3.06E+00	0.00E+00	3.06E+00

MCGUIRE Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 136 [CONTROL - NNE @ 12.7 miles]

Sample ID: 616871 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
BaLa-140	<1.01E+01	0.00E+00	1.01E+01
Be-7	<3.31E+01	0.00E+00	3.31E+01
K-40	6.18E+01	3.44E+01	4.50E+01

Sample ID: 618335 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.27E+00	0.00E+00	3.27E+00
Mn-54	<2.52E+00	0.00E+00	2.52E+00
Co-58	<2.55E+00	0.00E+00	2.55E+00
Fe-59	<7.17E+00	0.00E+00	7.17E+00
Co-60	<3.23E+00	0.00E+00	3.23E+00
Zn-65	<6.20E+00	0.00E+00	6.20E+00
Zr-95	<4.75E+00	0.00E+00	4.75E+00
Nb-95	<3.27E+00	0.00E+00	3.27E+00
I-131	<1.18E+01	0.00E+00	1.18E+01
Cs-134	<2.80E+00	0.00E+00	2.80E+00
Cs-137	<2.83E+00	0.00E+00	2.83E+00
BaLa-140	<5.72E+00	0.00E+00	5.72E+00
Be-7	<3.13E+01	0.00E+00	3.13E+01
K-40	9.53E+01	3.54E+01	4.06E+01

Sample ID: 617221 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<5.40E+01	0.00E+00	1.83E+02

Sample ID: 620268 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.22E+00	0.00E+00	3.22E+00
Mn-54	<3.54E+00	0.00E+00	3.54E+00
Co-58	<4.23E+00	0.00E+00	4.23E+00
Fe-59	<6.62E+00	0.00E+00	6.62E+00
Co-60	<4.52E+00	0.00E+00	4.52E+00
Zn-65	<4.86E+00	0.00E+00	4.86E+00
Zr-95	<6.56E+00	0.00E+00	6.56E+00
Nb-95	<5.04E+00	0.00E+00	5.04E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.60E+00	0.00E+00	4.60E+00
Cs-137	<1.92E+00	0.00E+00	1.92E+00
BaLa-140	<1.10E+01	0.00E+00	1.10E+01
Be-7	<3.60E+01	0.00E+00	3.60E+01
K-40	9.11E+01	4.22E+01	5.12E+01

Sample ID: 621850 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<3.48E+00	0.00E+00	3.48E+00
Co-58	<3.42E+00	0.00E+00	3.42E+00
Fe-59	<6.49E+00	0.00E+00	6.49E+00
Co-60	<2.03E+00	0.00E+00	2.03E+00
Zn-65	<7.01E+00	0.00E+00	7.01E+00
Zr-95	<5.37E+00	0.00E+00	5.37E+00
Nb-95	<3.07E+00	0.00E+00	3.07E+00
I-131	<1.23E+01	0.00E+00	1.23E+01
Cs-134	<3.15E+00	0.00E+00	3.15E+00
Cs-137	<2.51E+00	0.00E+00	2.51E+00
BaLa-140	<7.31E+00	0.00E+00	7.31E+00
Be-7	<3.02E+01	0.00E+00	3.02E+01
K-40	6.73E+01	3.72E+01	5.18E+01

Sample ID: 623025 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.25E+00	0.00E+00	3.25E+00
Mn-54	<3.76E+00	0.00E+00	3.76E+00
Co-58	<4.16E+00	0.00E+00	4.16E+00
Fe-59	<7.75E+00	0.00E+00	7.75E+00
Co-60	<3.52E+00	0.00E+00	3.52E+00
Zn-65	<8.01E+00	0.00E+00	8.01E+00
Zr-95	<7.14E+00	0.00E+00	7.14E+00
Nb-95	<4.92E+00	0.00E+00	4.92E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<4.66E+00	0.00E+00	4.66E+00
Cs-137	<3.54E+00	0.00E+00	3.54E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 136 [CONTROL - NNE @ 12.7 miles]

Sample ID:	623025	Sample Dates: 10/28/2024 - 11/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			BaLa-140	<9.39E+00	0.00E+00	9.39E+00
			Be-7	<3.82E+01	0.00E+00	3.82E+01
			K-40	8.22E+01	4.17E+01	5.57E+01
Sample ID:	**622563**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<4.82E+01	0.00E+00	1.87E+02
Sample ID:	**624914**	**Sample Dates: 11/25/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.21E+00	0.00E+00	3.21E+00
			Mn-54	<2.57E+00	0.00E+00	2.57E+00
			Co-58	<2.78E+00	0.00E+00	2.78E+00
			Fe-59	<4.90E+00	0.00E+00	4.90E+00
			Co-60	<2.15E+00	0.00E+00	2.15E+00
			Zn-65	<4.80E+00	0.00E+00	4.80E+00
			Zr-95	<5.38E+00	0.00E+00	5.38E+00
			Nb-95	<3.65E+00	0.00E+00	3.65E+00
			I-131	<1.09E+01	0.00E+00	1.09E+01
			Cs-134	<2.99E+00	0.00E+00	2.99E+00
			Cs-137	<2.73E+00	0.00E+00	2.73E+00
			BaLa-140	<6.39E+00	0.00E+00	6.39E+00
			Be-7	<2.74E+01	0.00E+00	2.74E+01
			K-40	6.75E+01	2.90E+01	3.91E+01

Sample Point 194 [INDICATOR - NNW @ 6.73 miles]

Sample ID:	604105	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.15E+00	0.00E+00	3.15E+00
			Mn-54	<3.79E+00	0.00E+00	3.79E+00
			Co-58	<4.13E+00	0.00E+00	4.13E+00
			Fe-59	<7.49E+00	0.00E+00	7.49E+00
			Co-60	<3.28E+00	0.00E+00	3.28E+00
			Zn-65	<7.06E+00	0.00E+00	7.06E+00
			Zr-95	<6.43E+00	0.00E+00	6.43E+00
			Nb-95	<4.54E+00	0.00E+00	4.54E+00
			I-131	<1.19E+01	0.00E+00	1.19E+01
			Cs-134	<4.42E+00	0.00E+00	4.42E+00
			Cs-137	<3.08E+00	0.00E+00	3.08E+00
			BaLa-140	<8.10E+00	0.00E+00	8.10E+00
			Be-7	<3.08E+01	0.00E+00	3.08E+01
			K-40	1.18E+02	3.89E+01	4.69E+01
Sample ID:	**605336**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.18E+00	0.00E+00	3.18E+00
			Mn-54	<2.77E+00	0.00E+00	2.77E+00
			Co-58	<2.95E+00	0.00E+00	2.95E+00
			Fe-59	<3.10E+00	0.00E+00	3.10E+00
			Co-60	<4.01E+00	0.00E+00	4.01E+00
			Zn-65	<7.37E+00	0.00E+00	7.37E+00
			Zr-95	<5.91E+00	0.00E+00	5.91E+00
			Nb-95	<4.36E+00	0.00E+00	4.36E+00
			I-131	<1.30E+01	0.00E+00	1.30E+01
			Cs-134	<3.32E+00	0.00E+00	3.32E+00
			Cs-137	<2.70E+00	0.00E+00	2.70E+00
			BaLa-140	<8.38E+00	0.00E+00	8.38E+00
			Be-7	<2.90E+01	0.00E+00	2.90E+01
			K-40	1.14E+02	3.83E+01	3.96E+01
Sample ID:	**609124**	**Sample Dates: 2/19/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.33E+00	0.00E+00	3.33E+00
			Mn-54	<3.26E+00	0.00E+00	3.26E+00
			Co-58	<3.94E+00	0.00E+00	3.94E+00
			Fe-59	<9.03E+00	0.00E+00	9.03E+00
			Co-60	<3.15E+00	0.00E+00	3.15E+00
			Zn-65	<7.25E+00	0.00E+00	7.25E+00
			Zr-95	<7.51E+00	0.00E+00	7.51E+00
			Nb-95	<5.06E+00	0.00E+00	5.06E+00
			I-131	<1.27E+01	0.00E+00	1.27E+01

Sample ID:	609124	Sample Dates: 2/19/2024 - 3/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<3.44E+00	0.00E+00	3.44E+00
			Cs-137	<4.03E+00	0.00E+00	4.03E+00
			BaLa-140	<6.80E+00	0.00E+00	6.80E+00
			Be-7	8.36E+00	2.01E+01	3.50E+01
			K-40	<6.39E+01	0.00E+00	6.39E+01
Sample ID:	**605076**	**Sample Dates: 12/27/2023 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<2.40E+01	0.00E+00	1.91E+02
Sample ID:	**610579**	**Sample Dates: 3/18/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.15E+00	0.00E+00	3.15E+00
			Mn-54	<3.26E+00	0.00E+00	3.26E+00
			Co-58	<3.51E+00	0.00E+00	3.51E+00
			Fe-59	<7.51E+00	0.00E+00	7.51E+00
			Co-60	<2.61E+00	0.00E+00	2.61E+00
			Zn-65	<6.01E+00	0.00E+00	6.01E+00
			Zr-95	<6.63E+00	0.00E+00	6.63E+00
			Nb-95	<4.33E+00	0.00E+00	4.33E+00
			I-131	<1.32E+01	0.00E+00	1.32E+01
			Cs-134	<4.13E+00	0.00E+00	4.13E+00
			Cs-137	<3.34E+00	0.00E+00	3.34E+00
			BaLa-140	<8.68E+00	0.00E+00	8.68E+00
			Be-7	<2.55E+01	0.00E+00	2.55E+01
			K-40	<6.43E+01	0.00E+00	6.43E+01
Sample ID:	**612062**	**Sample Dates: 4/15/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.26E+00	0.00E+00	3.26E+00
			Mn-54	<3.76E+00	0.00E+00	3.76E+00
			Co-58	<4.15E+00	0.00E+00	4.15E+00
			Fe-59	<7.52E+00	0.00E+00	7.52E+00
			Co-60	<5.04E+00	0.00E+00	5.04E+00
			Zn-65	<9.26E+00	0.00E+00	9.26E+00
			Zr-95	<9.47E+00	0.00E+00	9.47E+00
			Nb-95	<7.00E+00	0.00E+00	7.00E+00
			I-131	<1.19E+01	0.00E+00	1.19E+01
			Cs-134	<4.69E+00	0.00E+00	4.69E+00
			Cs-137	<5.21E+00	0.00E+00	5.21E+00
			BaLa-140	<1.15E+01	0.00E+00	1.15E+01
			Be-7	<3.91E+01	0.00E+00	3.91E+01
			K-40	1.11E+02	4.78E+01	5.10E+01
Sample ID:	**613673**	**Sample Dates: 5/13/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.22E+00	0.00E+00	3.22E+00
			Mn-54	<2.57E+00	0.00E+00	2.57E+00
			Co-58	<3.43E+00	0.00E+00	3.43E+00
			Fe-59	<8.73E+00	0.00E+00	8.73E+00
			Co-60	<3.45E+00	0.00E+00	3.45E+00
			Zn-65	<6.33E+00	0.00E+00	6.33E+00
			Zr-95	<6.96E+00	0.00E+00	6.96E+00
			Nb-95	<4.38E+00	0.00E+00	4.38E+00
			I-131	<1.28E+01	0.00E+00	1.28E+01
			Cs-134	<3.82E+00	0.00E+00	3.82E+00
			Cs-137	<3.03E+00	0.00E+00	3.03E+00
			BaLa-140	<1.02E+01	0.00E+00	1.02E+01
			Be-7	<3.62E+01	0.00E+00	3.62E+01
			K-40	6.71E+01	4.03E+01	5.79E+01
Sample ID:	**612067**	**Sample Dates: 4/15/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<1.42E+02	0.00E+00	1.87E+02
Sample ID:	**614870**	**Sample Dates: 6/10/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	3.26E+00	4.21E+00	3.16E+00
			Mn-54	<4.17E+00	0.00E+00	4.17E+00
			Co-58	<5.00E+00	0.00E+00	5.00E+00
			Fe-59	<1.06E+01	0.00E+00	1.06E+01
			Co-60	<4.53E+00	0.00E+00	4.53E+00
			Zn-65	<8.87E+00	0.00E+00	8.87E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 194 [INDICATOR - NNW @ 6.73 miles]

Sample ID:	614870	Sample Dates: 6/10/2024 - 7/8/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			Zr-95	<7.85E+00	0.00E+00	7.85E+00
			Nb-95	<4.73E+00	0.00E+00	4.73E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<4.81E+00	0.00E+00	4.81E+00
			Cs-137	<4.94E+00	0.00E+00	4.94E+00
			BaLa-140	<9.61E+00	0.00E+00	9.61E+00
			Be-7	<4.08E+01	0.00E+00	4.08E+01
			K-40	<7.65E+01	0.00E+00	7.65E+01

Media Type: FISH Concentration (Activity): pCi/kg

Sample Point 129 [INDICATOR - ENE @ 0.51 miles]

Sample ID:	610516	Sample Dates: 3/26/2024 - 3/26/2024	FREESWIM			
			Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.91E+01	0.00E+00	4.91E+01
			Co-58	<5.84E+01	0.00E+00	5.84E+01
			Fe-59	<1.26E+02	0.00E+00	1.26E+02
			Co-60	<4.92E+01	0.00E+00	4.92E+01
			Zn-65	<1.04E+02	0.00E+00	1.04E+02
			Nb-95	<6.33E+01	0.00E+00	6.33E+01
			I-131	<9.50E+01	0.00E+00	9.50E+01
			Cs-134	<4.64E+01	0.00E+00	4.64E+01
			Cs-137	<5.18E+01	0.00E+00	5.18E+01
			Be-7	<4.19E+02	0.00E+00	4.19E+02
			K-40	5.62E+03	1.08E+03	4.37E+02
			Ag-110M	<4.71E+01	0.00E+00	4.71E+01
			Sb-122	<3.36E+02	0.00E+00	3.36E+02
			Sb-125	<1.06E+02	0.00E+00	1.06E+02
Sample ID:	**610517**	**Sample Dates: 3/26/2024 - 3/26/2024**	**FREESWIM**			
			Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.60E+01	0.00E+00	4.60E+01
			Co-58	<5.07E+01	0.00E+00	5.07E+01
			Fe-59	<9.55E+01	0.00E+00	9.55E+01
			Co-60	<5.02E+01	0.00E+00	5.02E+01
			Zn-65	<7.41E+01	0.00E+00	7.41E+01
			Nb-95	<6.12E+01	0.00E+00	6.12E+01
			I-131	<8.56E+01	0.00E+00	8.56E+01
			Cs-134	<6.00E+01	0.00E+00	6.00E+01
			Cs-137	<4.25E+01	0.00E+00	4.25E+01
			Be-7	<4.36E+02	0.00E+00	4.36E+02
			K-40	4.08E+03	8.55E+02	1.03E+02
			Ag-110M	<3.43E+01	0.00E+00	3.43E+01
			Sb-122	<7.16E+02	0.00E+00	7.16E+02
			Sb-125	<1.27E+02	0.00E+00	1.27E+02
Sample ID:	**610538**	**Sample Dates: 3/26/2024 - 3/26/2024**	**BOTMFEEDER**			
			Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.99E+01	0.00E+00	5.99E+01
			Co-58	<5.14E+01	0.00E+00	5.14E+01
			Fe-59	<9.86E+01	0.00E+00	9.86E+01
			Co-60	<5.11E+01	0.00E+00	5.11E+01
			Zn-65	<9.18E+01	0.00E+00	9.18E+01
			Nb-95	<6.61E+01	0.00E+00	6.61E+01
			I-131	<1.05E+02	0.00E+00	1.05E+02
			Cs-134	<5.98E+01	0.00E+00	5.98E+01
			Cs-137	<6.01E+01	0.00E+00	6.01E+01
			Be-7	<3.44E+02	0.00E+00	3.44E+02
			K-40	4.41E+03	9.57E+02	4.56E+02
			Ag-110M	<5.63E+01	0.00E+00	5.63E+01
			Sb-122	<5.43E+02	0.00E+00	5.43E+02
			Sb-125	<1.23E+02	0.00E+00	1.23E+02
Sample ID:	**620860**	**Sample Dates: 10/2/2024 - 10/2/2024**	**BOTMFEEDER**			
			Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.21E+01	0.00E+00	5.21E+01
			Co-58	<4.53E+01	0.00E+00	4.53E+01
			Fe-59	<9.81E+01	0.00E+00	9.81E+01
			Co-60	<4.65E+01	0.00E+00	4.65E+01
			Zn-65	<1.04E+02	0.00E+00	1.04E+02
			Nb-95	<5.45E+01	0.00E+00	5.45E+01

Media Type: FISH Concentration (Activity): pCi/kg

Sample Point 129 [INDICATOR - ENE @ 0.51 miles]

Sample ID:	620860	Sample Dates: 10/2/2024 - 10/2/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				I-131	<7.59E+01	0.00E+00	7.59E+01
				Cs-134	<5.17E+01	0.00E+00	5.17E+01
				Cs-137	<4.06E+01	0.00E+00	4.06E+01
				Be-7	<3.56E+02	0.00E+00	3.56E+02
				K-40	4.20E+03	1.01E+03	9.28E+02
				Ag-110M	<4.24E+01	0.00E+00	4.24E+01
				Sb-122	<2.66E+02	0.00E+00	2.66E+02
				Sb-125	<1.08E+02	0.00E+00	1.08E+02
Sample ID:	**620854**	**Sample Dates: 10/2/2024 - 10/2/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.18E+01	0.00E+00	4.18E+01
				Co-58	<5.07E+01	0.00E+00	5.07E+01
				Fe-59	<9.13E+01	0.00E+00	9.13E+01
				Co-60	<3.85E+01	0.00E+00	3.85E+01
				Zn-65	<1.34E+02	0.00E+00	1.34E+02
				Nb-95	<6.20E+01	0.00E+00	6.20E+01
				I-131	<7.60E+01	0.00E+00	7.60E+01
				Cs-134	<6.46E+01	0.00E+00	6.46E+01
				Cs-137	<4.08E+01	0.00E+00	4.08E+01
				Be-7	<3.36E+02	0.00E+00	3.36E+02
				K-40	4.21E+03	1.03E+03	9.19E+02
				Ag-110M	<5.24E+01	0.00E+00	5.24E+01
				Sb-122	<2.05E+02	0.00E+00	2.05E+02
				Sb-125	<1.07E+02	0.00E+00	1.07E+02
Sample ID:	**620855**	**Sample Dates: 10/2/2024 - 10/2/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.88E+01	0.00E+00	5.88E+01
				Co-58	<6.05E+01	0.00E+00	6.05E+01
				Fe-59	<8.78E+01	0.00E+00	8.78E+01
				Co-60	<5.21E+01	0.00E+00	5.21E+01
				Zn-65	<9.30E+01	0.00E+00	9.30E+01
				Nb-95	<5.90E+01	0.00E+00	5.90E+01
				I-131	<6.24E+01	0.00E+00	6.24E+01
				Cs-134	<6.82E+01	0.00E+00	6.82E+01
				Cs-137	<6.69E+01	0.00E+00	6.69E+01
				Be-7	<3.85E+02	0.00E+00	3.85E+02
				K-40	4.42E+03	1.06E+03	8.93E+02
				Ag-110M	<4.79E+01	0.00E+00	4.79E+01
				Sb-122	<2.62E+02	0.00E+00	2.62E+02
				Sb-125	<1.12E+02	0.00E+00	1.12E+02

Sample Point 137 [CONTROL - N @ 12 miles]

Sample ID:	610518	Sample Dates: 3/27/2024 - 3/27/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<4.73E+01	0.00E+00	4.73E+01
				Co-58	<5.17E+01	0.00E+00	5.17E+01
				Fe-59	<9.04E+01	0.00E+00	9.04E+01
				Co-60	<5.22E+01	0.00E+00	5.22E+01
				Zn-65	<1.34E+02	0.00E+00	1.34E+02
				Nb-95	<5.11E+01	0.00E+00	5.11E+01
				I-131	<8.70E+01	0.00E+00	8.70E+01
				Cs-134	<5.75E+01	0.00E+00	5.75E+01
				Cs-137	<3.88E+01	0.00E+00	3.88E+01
				Be-7	<3.84E+02	0.00E+00	3.84E+02
				K-40	3.50E+03	8.96E+02	7.77E+02
				Ag-110M	<4.16E+01	0.00E+00	4.16E+01
				Sb-122	<3.58E+02	0.00E+00	3.58E+02
				Sb-125	<1.10E+02	0.00E+00	1.10E+02
Sample ID:	**610519**	**Sample Dates: 3/27/2024 - 3/27/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.42E+01	0.00E+00	4.42E+01
				Co-58	<5.58E+01	0.00E+00	5.58E+01
				Fe-59	<1.07E+02	0.00E+00	1.07E+02
				Co-60	<5.38E+01	0.00E+00	5.38E+01
				Zn-65	<9.63E+01	0.00E+00	9.63E+01
				Nb-95	<5.05E+01	0.00E+00	5.05E+01
				I-131	<7.76E+01	0.00E+00	7.76E+01

Sample ID:	610519	Sample Dates: 3/27/2024 - 3/27/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<5.96E+01	0.00E+00	5.96E+01
				Cs-137	<4.29E+01	0.00E+00	4.29E+01
				Be-7	<3.05E+02	0.00E+00	3.05E+02
				K-40	3.13E+03	8.69E+02	8.08E+02
				Ag-110M	<3.65E+01	0.00E+00	3.65E+01
				Sb-122	<3.29E+02	0.00E+00	3.29E+02
				Sb-125	<1.13E+02	0.00E+00	1.13E+02
Sample ID:	**610539**	**Sample Dates: 3/27/2024 - 3/27/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.92E+01	0.00E+00	5.92E+01
				Co-58	<4.34E+01	0.00E+00	4.34E+01
				Fe-59	<1.01E+02	0.00E+00	1.01E+02
				Co-60	<5.39E+01	0.00E+00	5.39E+01
				Zn-65	<1.10E+02	0.00E+00	1.10E+02
				Nb-95	<5.77E+01	0.00E+00	5.77E+01
				I-131	<7.87E+01	0.00E+00	7.87E+01
				Cs-134	<6.62E+01	0.00E+00	6.62E+01
				Cs-137	<5.19E+01	0.00E+00	5.19E+01
				Be-7	<3.71E+02	0.00E+00	3.71E+02
				K-40	4.18E+03	9.38E+02	5.84E+02
				Ag-110M	<4.51E+01	0.00E+00	4.51E+01
				Sb-122	<4.72E+02	0.00E+00	4.72E+02
				Sb-125	<1.18E+02	0.00E+00	1.18E+02
Sample ID:	**620856**	**Sample Dates: 10/2/2024 - 10/2/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.86E+01	0.00E+00	4.86E+01
				Co-58	<4.43E+01	0.00E+00	4.43E+01
				Fe-59	<1.19E+02	0.00E+00	1.19E+02
				Co-60	<5.46E+01	0.00E+00	5.46E+01
				Zn-65	<6.96E+01	0.00E+00	6.96E+01
				Nb-95	<3.23E+01	0.00E+00	3.23E+01
				I-131	<5.25E+01	0.00E+00	5.25E+01
				Cs-134	<6.17E+01	0.00E+00	6.17E+01
				Cs-137	<4.91E+01	0.00E+00	4.91E+01
				Be-7	7.03E+01	1.72E+02	3.07E+02
				K-40	4.12E+03	9.35E+02	7.65E+02
				Ag-110M	<3.41E+01	0.00E+00	3.41E+01
				Sb-122	<1.83E+02	0.00E+00	1.83E+02
				Sb-125	<1.11E+02	0.00E+00	1.11E+02
Sample ID:	**620857**	**Sample Dates: 10/2/2024 - 10/2/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.30E+01	0.00E+00	4.30E+01
				Co-58	<4.65E+01	0.00E+00	4.65E+01
				Fe-59	<9.00E+01	0.00E+00	9.00E+01
				Co-60	<4.08E+01	0.00E+00	4.08E+01
				Zn-65	<8.11E+01	0.00E+00	8.11E+01
				Nb-95	<6.18E+01	0.00E+00	6.18E+01
				I-131	<5.62E+01	0.00E+00	5.62E+01
				Cs-134	<3.65E+01	0.00E+00	3.65E+01
				Cs-137	<4.19E+01	0.00E+00	4.19E+01
				Be-7	<3.90E+02	0.00E+00	3.90E+02
				K-40	3.44E+03	8.54E+02	7.02E+02
				Ag-110M	<3.96E+01	0.00E+00	3.96E+01
				Sb-122	<2.03E+02	0.00E+00	2.03E+02
				Sb-125	<1.36E+02	0.00E+00	1.36E+02
Sample ID:	**620861**	**Sample Dates: 10/2/2024 - 10/2/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.34E+01	0.00E+00	5.34E+01
				Co-58	<4.92E+01	0.00E+00	4.92E+01
				Fe-59	<9.06E+01	0.00E+00	9.06E+01
				Co-60	<4.99E+01	0.00E+00	4.99E+01
				Zn-65	<1.13E+02	0.00E+00	1.13E+02
				Nb-95	<4.77E+01	0.00E+00	4.77E+01
				I-131	<7.81E+01	0.00E+00	7.81E+01
				Cs-134	<5.78E+01	0.00E+00	5.78E+01
				Cs-137	<5.39E+01	0.00E+00	5.39E+01
				Be-7	<4.38E+02	0.00E+00	4.38E+02

Media Type: FISH Concentration (Activity): pCi/kg

Sample Point 137 [CONTROL - N @ 12 miles]

Sample ID:	620861	Sample Dates: 10/2/2024 - 10/2/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				K-40	4.27E+03	9.62E+02	7.58E+02
				Ag-110M	<5.29E+01	0.00E+00	5.29E+01
				Sb-122	<2.74E+02	0.00E+00	2.74E+02
				Sb-125	<1.10E+02	0.00E+00	1.10E+02

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 142 [CONTROL - NNW @ 12.2 miles]

Sample ID:	602486	Sample Dates: 1/2/2024 - 1/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<6.70E-01	0.00E+00	6.70E-01
			I-131	<7.78E+00	0.00E+00	7.78E+00
			Cs-134	<5.42E+00	0.00E+00	5.42E+00
			Cs-137	<7.29E+00	0.00E+00	7.29E+00
			BaLa-140	<2.29E+00	0.00E+00	2.29E+00
			Be-7	<5.95E+01	0.00E+00	5.95E+01
			K-40	1.43E+03	2.38E+02	1.06E+02
Sample ID:	**602897**	**Sample Dates: 1/16/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.49E-01	0.00E+00	7.49E-01
			I-131	<7.92E+00	0.00E+00	7.92E+00
			Cs-134	<5.81E+00	0.00E+00	5.81E+00
			Cs-137	<7.61E+00	0.00E+00	7.61E+00
			BaLa-140	<5.77E+00	0.00E+00	5.77E+00
			Be-7	<3.83E+01	0.00E+00	3.83E+01
			K-40	1.65E+03	2.48E+02	7.88E+01
Sample ID:	**603922**	**Sample Dates: 1/29/2024 - 1/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.99E-01	0.00E+00	7.99E-01
			I-131	<5.43E+00	0.00E+00	5.43E+00
			Cs-134	<1.11E+01	0.00E+00	1.11E+01
			Cs-137	<6.91E+00	0.00E+00	6.91E+00
			BaLa-140	<6.18E+00	0.00E+00	6.18E+00
			Be-7	<5.19E+01	0.00E+00	5.19E+01
			K-40	1.61E+03	2.54E+02	1.36E+02
Sample ID:	**604491**	**Sample Dates: 2/12/2024 - 2/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<6.89E-01	0.00E+00	6.89E-01
			I-131	<7.14E+00	0.00E+00	7.14E+00
			Cs-134	<9.56E+00	0.00E+00	9.56E+00
			Cs-137	<8.44E+00	0.00E+00	8.44E+00
			BaLa-140	<6.04E+00	0.00E+00	6.04E+00
			Be-7	<6.23E+01	0.00E+00	6.23E+01
			K-40	1.70E+03	2.56E+02	1.14E+02
Sample ID:	**605099**	**Sample Dates: 2/26/2024 - 2/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.04E-01	0.00E+00	7.04E-01
			I-131	<6.50E+00	0.00E+00	6.50E+00
			Cs-134	<5.42E+00	0.00E+00	5.42E+00
			Cs-137	<8.20E+00	0.00E+00	8.20E+00
			BaLa-140	<6.20E+00	0.00E+00	6.20E+00
			Be-7	<5.69E+01	0.00E+00	5.69E+01
			K-40	1.37E+03	2.36E+02	1.33E+02
Sample ID:	**606974**	**Sample Dates: 3/11/2024 - 3/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.85E-01	0.00E+00	7.85E-01
			I-131	<6.70E+00	0.00E+00	6.70E+00
			Cs-134	<7.73E+00	0.00E+00	7.73E+00
			Cs-137	<7.69E+00	0.00E+00	7.69E+00
			BaLa-140	<2.13E+00	0.00E+00	2.13E+00
			Be-7	<3.80E+01	0.00E+00	3.80E+01
			K-40	1.37E+03	2.28E+02	1.28E+02
Sample ID:	**608875**	**Sample Dates: 3/25/2024 - 3/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			LLI-131	<7.97E-01	0.00E+00	7.97E-01
			I-131	<5.89E+00	0.00E+00	5.89E+00
			Cs-134	<7.95E+00	0.00E+00	7.95E+00
			Cs-137	<6.65E+00	0.00E+00	6.65E+00
			BaLa-140	<2.09E+00	0.00E+00	2.09E+00

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 142 [CONTROL - NNW @ 12.2 miles]

Sample ID:	608875	Sample Dates: 3/25/2024 - 3/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<5.02E+01	0.00E+00	5.02E+01
			K-40	1.78E+03	2.64E+02	1.02E+02
Sample ID:	609475	Sample Dates: 4/8/2024 - 4/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.28E-01	0.00E+00	7.28E-01
			I-131	<7.59E+00	0.00E+00	7.59E+00
			Cs-134	<6.36E+00	0.00E+00	6.36E+00
			Cs-137	<5.66E+00	0.00E+00	5.66E+00
			BaLa-140	<2.10E+00	0.00E+00	2.10E+00
			Be-7	<5.03E+01	0.00E+00	5.03E+01
			K-40	1.71E+03	2.55E+02	8.56E+01
Sample ID:	610336	Sample Dates: 4/22/2024 - 4/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.21E-01	0.00E+00	7.21E-01
			I-131	<8.88E+00	0.00E+00	8.88E+00
			Cs-134	<5.81E+00	0.00E+00	5.81E+00
			Cs-137	<7.61E+00	0.00E+00	7.61E+00
			BaLa-140	<7.71E+00	0.00E+00	7.71E+00
			Be-7	<5.39E+01	0.00E+00	5.39E+01
			K-40	1.58E+03	2.48E+02	1.28E+02
Sample ID:	611156	Sample Dates: 5/6/2024 - 5/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			LLI-131	<7.10E-01	0.00E+00	7.10E-01
			I-131	<6.87E+00	0.00E+00	6.87E+00
			Cs-134	<1.01E+01	0.00E+00	1.01E+01
			Cs-137	<5.10E+00	0.00E+00	5.10E+00
			BaLa-140	<9.85E+00	0.00E+00	9.85E+00
			Be-7	<4.78E+01	0.00E+00	4.78E+01
			K-40	1.54E+03	2.40E+02	1.02E+02

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg

Sample Point 129 [INDICATOR - ENE @ 0.51 miles]

Sample ID:	608944	Sample Dates: 4/22/2024 - 4/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.33E+01	0.00E+00	4.33E+01
			Co-58	<5.34E+01	0.00E+00	5.34E+01
			Fe-59	<1.08E+02	0.00E+00	1.08E+02
			Co-60	<5.30E+01	0.00E+00	5.30E+01
			Zn-65	<1.19E+02	0.00E+00	1.19E+02
			Zr-95	<7.76E+01	0.00E+00	7.76E+01
			Nb-95	<3.43E+01	0.00E+00	3.43E+01
			I-131	<1.79E+02	0.00E+00	1.79E+02
			Cs-134	<3.69E+01	0.00E+00	3.69E+01
			Cs-137	<5.72E+01	0.00E+00	5.72E+01
			Be-7	<4.44E+02	0.00E+00	4.44E+02
			K-40	2.00E+03	8.05E+02	9.22E+02
			Co-57	<3.08E+01	0.00E+00	3.08E+01
			Mo-99	<4.04E+04	0.00E+00	4.04E+04
			Ag-110M	<4.50E+01	0.00E+00	4.50E+01
			Sb-122	<5.68E+03	0.00E+00	5.68E+03
			Sb-125	<1.22E+02	0.00E+00	1.22E+02
Sample ID:	619532	Sample Dates: 10/21/2024 - 10/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<3.16E+01	0.00E+00	3.16E+01
			Co-58	<2.96E+01	0.00E+00	2.96E+01
			Fe-59	<1.23E+02	0.00E+00	1.23E+02
			Co-60	<4.96E+01	0.00E+00	4.96E+01
			Zn-65	<6.32E+01	0.00E+00	6.32E+01
			Zr-95	<8.61E+01	0.00E+00	8.61E+01
			Nb-95	<5.27E+01	0.00E+00	5.27E+01
			I-131	<3.36E+02	0.00E+00	3.36E+02
			Cs-134	<4.47E+01	0.00E+00	4.47E+01
			Cs-137	<3.44E+01	0.00E+00	3.44E+01
			Be-7	<5.33E+02	0.00E+00	5.33E+02
			K-40	2.21E+03	7.22E+02	6.06E+02
			Co-57	<4.12E+01	0.00E+00	4.12E+01
			Mo-99	<1.16E+05	0.00E+00	1.16E+05

Sample Point 129 [INDICATOR - ENE @ 0.51 miles]

Sample ID:	619532	Sample Dates: 10/21/2024 - 10/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Ag-110M	<3.26E+01	0.00E+00	3.26E+01
			Sb-122	<2.58E+04	0.00E+00	2.58E+04
			Sb-125	<1.09E+02	0.00E+00	1.09E+02

Sample Point 130 [INDICATOR - SW @ 0.52 miles]

Sample ID:	608945	Sample Dates: 4/22/2024 - 4/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.62E+01	0.00E+00	7.62E+01
			Co-58	<8.60E+01	0.00E+00	8.60E+01
			Fe-59	<2.11E+02	0.00E+00	2.11E+02
			Co-60	<7.78E+01	0.00E+00	7.78E+01
			Zn-65	<1.85E+02	0.00E+00	1.85E+02
			Zr-95	<1.52E+02	0.00E+00	1.52E+02
			Nb-95	<8.53E+01	0.00E+00	8.53E+01
			I-131	<3.40E+02	0.00E+00	3.40E+02
			Cs-134	<1.02E+02	0.00E+00	1.02E+02
			Cs-137	<7.00E+01	0.00E+00	7.00E+01
			Be-7	<5.49E+02	0.00E+00	5.49E+02
			K-40	1.54E+04	2.23E+03	9.92E+02
			Co-57	<5.82E+01	0.00E+00	5.82E+01
			Mo-99	<5.23E+04	0.00E+00	5.23E+04
			Ag-110M	<8.20E+01	0.00E+00	8.20E+01
			Sb-122	<8.24E+03	0.00E+00	8.24E+03
			Sb-125	<1.82E+02	0.00E+00	1.82E+02
Sample ID:	619533	Sample Dates: 10/21/2024 - 10/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.69E+01	0.00E+00	7.69E+01
			Co-58	<6.84E+01	0.00E+00	6.84E+01
			Fe-59	<2.20E+02	0.00E+00	2.20E+02
			Co-60	<8.36E+01	0.00E+00	8.36E+01
			Zn-65	<1.93E+02	0.00E+00	1.93E+02
			Zr-95	<2.09E+02	0.00E+00	2.09E+02
			Nb-95	<1.15E+02	0.00E+00	1.15E+02
			I-131	<4.44E+02	0.00E+00	4.44E+02
			Cs-134	<1.16E+02	0.00E+00	1.16E+02
			Cs-137	<8.61E+01	0.00E+00	8.61E+01
			Be-7	<9.49E+02	0.00E+00	9.49E+02
			K-40	1.83E+04	2.64E+03	1.27E+03
			Co-57	<6.94E+01	0.00E+00	6.94E+01
			Mo-99	<2.70E+05	0.00E+00	2.70E+05
			Ag-110M	<6.85E+01	0.00E+00	6.85E+01
			Sb-122	<4.20E+04	0.00E+00	4.20E+04
			Sb-125	<2.08E+02	0.00E+00	2.08E+02

Sample Point 137 [CONTROL - N @ 12 miles]

Sample ID:	608946	Sample Dates: 4/22/2024 - 4/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<6.66E+01	0.00E+00	6.66E+01
			Co-58	<9.19E+01	0.00E+00	9.19E+01
			Fe-59	<1.49E+02	0.00E+00	1.49E+02
			Co-60	<6.86E+01	0.00E+00	6.86E+01
			Zn-65	<1.35E+02	0.00E+00	1.35E+02
			Zr-95	<1.63E+02	0.00E+00	1.63E+02
			Nb-95	<8.96E+01	0.00E+00	8.96E+01
			I-131	<2.81E+02	0.00E+00	2.81E+02
			Cs-134	<8.47E+01	0.00E+00	8.47E+01
			Cs-137	<6.33E+01	0.00E+00	6.33E+01
			Be-7	<5.58E+02	0.00E+00	5.58E+02
			K-40	1.99E+04	2.62E+03	8.83E+02
			Co-57	<4.87E+01	0.00E+00	4.87E+01
			Mo-99	<5.52E+04	0.00E+00	5.52E+04
			Ag-110M	<5.08E+01	0.00E+00	5.08E+01
			Sb-122	<6.60E+03	0.00E+00	6.60E+03
			Sb-125	<1.69E+02	0.00E+00	1.69E+02
Sample ID:	619534	Sample Dates: 10/21/2024 - 10/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<7.53E+01	0.00E+00	7.53E+01

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg

Sample Point 137 [CONTROL - N @ 12 miles]

Sample ID:	619534	Sample Dates: 10/21/2024 - 10/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Co-58	<7.15E+01	0.00E+00	7.15E+01
			Fe-59	<1.74E+02	0.00E+00	1.74E+02
			Co-60	<4.59E+01	0.00E+00	4.59E+01
			Zn-65	<1.73E+02	0.00E+00	1.73E+02
			Zr-95	<1.21E+02	0.00E+00	1.21E+02
			Nb-95	<7.37E+01	0.00E+00	7.37E+01
			I-131	<3.02E+02	0.00E+00	3.02E+02
			Cs-134	<8.69E+01	0.00E+00	8.69E+01
			Cs-137	<5.40E+01	0.00E+00	5.40E+01
			Be-7	<6.23E+02	0.00E+00	6.23E+02
			K-40	2.68E+04	3.24E+03	1.19E+03
			Co-57	<4.09E+01	0.00E+00	4.09E+01
			Mo-99	<1.64E+05	0.00E+00	1.64E+05
			Ag-110M	<3.87E+01	0.00E+00	3.87E+01
			Sb-122	<2.78E+04	0.00E+00	2.78E+04
			Sb-125	<1.55E+02	0.00E+00	1.55E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 128 [INDICATOR - NE @ 0.45 miles]

Sample ID:	604107	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<4.71E+00	0.00E+00	4.71E+00
			Co-58	<4.44E+00	0.00E+00	4.44E+00
			Fe-59	<9.45E+00	0.00E+00	9.45E+00
			Co-60	<3.89E+00	0.00E+00	3.89E+00
			Zn-65	<8.93E+00	0.00E+00	8.93E+00
			Zr-95	<8.23E+00	0.00E+00	8.23E+00
			Nb-95	<5.16E+00	0.00E+00	5.16E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<4.26E+00	0.00E+00	4.26E+00
			Cs-137	<4.27E+00	0.00E+00	4.27E+00
			BaLa-140	<9.16E+00	0.00E+00	9.16E+00
			Be-7	<4.04E+01	0.00E+00	4.04E+01
			K-40	8.45E+01	4.93E+01	6.80E+01
Sample ID:	**605338**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.65E+00	0.00E+00	2.65E+00
			Co-58	<4.22E+00	0.00E+00	4.22E+00
			Fe-59	<9.28E+00	0.00E+00	9.28E+00
			Co-60	<3.52E+00	0.00E+00	3.52E+00
			Zn-65	<6.50E+00	0.00E+00	6.50E+00
			Zr-95	<7.75E+00	0.00E+00	7.75E+00
			Nb-95	<5.52E+00	0.00E+00	5.52E+00
			I-131	<1.30E+01	0.00E+00	1.30E+01
			Cs-134	<4.64E+00	0.00E+00	4.64E+00
			Cs-137	<3.40E+00	0.00E+00	3.40E+00
			BaLa-140	<1.18E+01	0.00E+00	1.18E+01
			Be-7	<3.33E+01	0.00E+00	3.33E+01
			K-40	7.32E+01	3.92E+01	5.18E+01
Sample ID:	**609126**	**Sample Dates: 2/19/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.93E+00	0.00E+00	2.93E+00
			Co-58	<3.73E+00	0.00E+00	3.73E+00
			Fe-59	<6.73E+00	0.00E+00	6.73E+00
			Co-60	<3.10E+00	0.00E+00	3.10E+00
			Zn-65	<6.27E+00	0.00E+00	6.27E+00
			Zr-95	<6.76E+00	0.00E+00	6.76E+00
			Nb-95	<5.06E+00	0.00E+00	5.06E+00
			I-131	<1.32E+01	0.00E+00	1.32E+01
			Cs-134	<2.83E+00	0.00E+00	2.83E+00
			Cs-137	<3.25E+00	0.00E+00	3.25E+00
			BaLa-140	<9.84E+00	0.00E+00	9.84E+00
			Be-7	<3.28E+01	0.00E+00	3.28E+01
			K-40	7.94E+01	3.25E+01	3.83E+01

Sample ID:	605077	Sample Dates: 12/27/2023 - 4/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			H3SW	7.14E+02	1.34E+02	1.92E+02
Sample ID:	**610581**	**Sample Dates: 3/18/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.06E+00	0.00E+00	4.06E+00
			Co-58	<4.26E+00	0.00E+00	4.26E+00
			Fe-59	<9.86E+00	0.00E+00	9.86E+00
			Co-60	<2.75E+00	0.00E+00	2.75E+00
			Zn-65	<8.52E+00	0.00E+00	8.52E+00
			Zr-95	<8.23E+00	0.00E+00	8.23E+00
			Nb-95	<6.32E+00	0.00E+00	6.32E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<3.35E+00	0.00E+00	3.35E+00
			Cs-137	<4.04E+00	0.00E+00	4.04E+00
			BaLa-140	<1.01E+01	0.00E+00	1.01E+01
			Be-7	<3.68E+01	0.00E+00	3.68E+01
			K-40	6.26E+01	4.35E+01	6.47E+01
Sample ID:	**612069**	**Sample Dates: 4/15/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.52E+00	0.00E+00	3.52E+00
			Co-58	<3.07E+00	0.00E+00	3.07E+00
			Fe-59	<7.25E+00	0.00E+00	7.25E+00
			Co-60	<2.55E+00	0.00E+00	2.55E+00
			Zn-65	<7.65E+00	0.00E+00	7.65E+00
			Zr-95	<5.82E+00	0.00E+00	5.82E+00
			Nb-95	<3.90E+00	0.00E+00	3.90E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<3.91E+00	0.00E+00	3.91E+00
			Cs-137	<3.35E+00	0.00E+00	3.35E+00
			BaLa-140	<5.02E+00	0.00E+00	5.02E+00
			Be-7	<2.58E+01	0.00E+00	2.58E+01
			K-40	1.10E+02	3.56E+01	3.56E+01
Sample ID:	**613675**	**Sample Dates: 5/13/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.91E+00	0.00E+00	2.91E+00
			Co-58	<3.09E+00	0.00E+00	3.09E+00
			Fe-59	<7.79E+00	0.00E+00	7.79E+00
			Co-60	<3.01E+00	0.00E+00	3.01E+00
			Zn-65	<5.32E+00	0.00E+00	5.32E+00
			Zr-95	<4.09E+00	0.00E+00	4.09E+00
			Nb-95	<2.61E+00	0.00E+00	2.61E+00
			I-131	<1.18E+01	0.00E+00	1.18E+01
			Cs-134	<3.38E+00	0.00E+00	3.38E+00
			Cs-137	<1.99E+00	0.00E+00	1.99E+00
			BaLa-140	<6.64E+00	0.00E+00	6.64E+00
			Be-7	<3.03E+01	0.00E+00	3.03E+01
			K-40	8.22E+01	3.08E+01	3.52E+01
Sample ID:	**612072**	**Sample Dates: 4/15/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	6.78E+02	1.29E+02	1.86E+02
Sample ID:	**614872**	**Sample Dates: 6/10/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.77E+00	0.00E+00	3.77E+00
			Co-58	<4.07E+00	0.00E+00	4.07E+00
			Fe-59	<4.48E+00	0.00E+00	4.48E+00
			Co-60	<2.63E+00	0.00E+00	2.63E+00
			Zn-65	<7.83E+00	0.00E+00	7.83E+00
			Zr-95	<7.65E+00	0.00E+00	7.65E+00
			Nb-95	<4.43E+00	0.00E+00	4.43E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<4.53E+00	0.00E+00	4.53E+00
			Cs-137	<3.19E+00	0.00E+00	3.19E+00
			BaLa-140	<6.35E+00	0.00E+00	6.35E+00
			Be-7	<3.26E+01	0.00E+00	3.26E+01
			K-40	6.26E+01	3.76E+01	5.27E+01
Sample ID:	**616874**	**Sample Dates: 7/8/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.48E+00	0.00E+00	3.48E+00

Sample ID: 616874 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Co-58	<3.99E+00	0.00E+00	3.99E+00
Fe-59	<7.53E+00	0.00E+00	7.53E+00
Co-60	<3.37E+00	0.00E+00	3.37E+00
Zn-65	<6.66E+00	0.00E+00	6.66E+00
Zr-95	<6.27E+00	0.00E+00	6.27E+00
Nb-95	<4.61E+00	0.00E+00	4.61E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<4.15E+00	0.00E+00	4.15E+00
Cs-137	<3.52E+00	0.00E+00	3.52E+00
BaLa-140	<7.38E+00	0.00E+00	7.38E+00
Be-7	<3.03E+01	0.00E+00	3.03E+01
K-40	8.15E+01	3.80E+01	4.61E+01

Sample ID: 618338 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.90E+00	0.00E+00	2.90E+00
Co-58	<3.67E+00	0.00E+00	3.67E+00
Fe-59	<7.22E+00	0.00E+00	7.22E+00
Co-60	<3.67E+00	0.00E+00	3.67E+00
Zn-65	<6.35E+00	0.00E+00	6.35E+00
Zr-95	<5.70E+00	0.00E+00	5.70E+00
Nb-95	<3.95E+00	0.00E+00	3.95E+00
I-131	<1.22E+01	0.00E+00	1.22E+01
Cs-134	<4.77E+00	0.00E+00	4.77E+00
Cs-137	<3.09E+00	0.00E+00	3.09E+00
BaLa-140	<7.17E+00	0.00E+00	7.17E+00
Be-7	<3.37E+01	0.00E+00	3.37E+01
K-40	1.02E+02	3.66E+01	3.47E+01

Sample ID: 617223 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	8.19E+02	1.32E+02	1.82E+02

Sample ID: 620271 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.95E+00	0.00E+00	3.95E+00
Co-58	<2.77E+00	0.00E+00	2.77E+00
Fe-59	<1.06E+01	0.00E+00	1.06E+01
Co-60	<2.62E+00	0.00E+00	2.62E+00
Zn-65	<5.56E+00	0.00E+00	5.56E+00
Zr-95	<7.12E+00	0.00E+00	7.12E+00
Nb-95	<6.13E+00	0.00E+00	6.13E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<3.89E+00	0.00E+00	3.89E+00
Cs-137	<3.08E+00	0.00E+00	3.08E+00
BaLa-140	<7.75E+00	0.00E+00	7.75E+00
Be-7	<3.76E+01	0.00E+00	3.76E+01
K-40	4.05E+01	3.51E+01	5.32E+01

Sample ID: 621852 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.50E+00	0.00E+00	3.50E+00
Co-58	<3.78E+00	0.00E+00	3.78E+00
Fe-59	<5.85E+00	0.00E+00	5.85E+00
Co-60	<4.26E+00	0.00E+00	4.26E+00
Zn-65	<7.25E+00	0.00E+00	7.25E+00
Zr-95	<5.00E+00	0.00E+00	5.00E+00
Nb-95	<4.11E+00	0.00E+00	4.11E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.89E+00	0.00E+00	3.89E+00
Cs-137	<2.32E+00	0.00E+00	2.32E+00
BaLa-140	<8.84E+00	0.00E+00	8.84E+00
Be-7	<3.29E+01	0.00E+00	3.29E+01
K-40	7.49E+01	3.60E+01	4.60E+01

Sample ID: 623027 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.37E+00	0.00E+00	2.37E+00
Co-58	<4.02E+00	0.00E+00	4.02E+00
Fe-59	<6.12E+00	0.00E+00	6.12E+00
Co-60	<3.15E+00	0.00E+00	3.15E+00
Zn-65	<8.04E+00	0.00E+00	8.04E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 128 [INDICATOR - NE @ 0.45 miles]

Sample ID:	623027	Sample Dates: 10/28/2024 - 11/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			Zr-95	<7.34E+00	0.00E+00	7.34E+00
			Nb-95	<5.12E+00	0.00E+00	5.12E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<4.28E+00	0.00E+00	4.28E+00
			Cs-137	<3.31E+00	0.00E+00	3.31E+00
			BaLa-140	<7.67E+00	0.00E+00	7.67E+00
			Be-7	<2.98E+01	0.00E+00	2.98E+01
			K-40	9.51E+01	4.35E+01	5.67E+01
Sample ID:	**622564**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	4.76E+02	1.24E+02	1.88E+02
Sample ID:	**624916**	**Sample Dates: 11/25/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.63E+00	0.00E+00	2.63E+00
			Co-58	<3.71E+00	0.00E+00	3.71E+00
			Fe-59	<6.81E+00	0.00E+00	6.81E+00
			Co-60	<3.12E+00	0.00E+00	3.12E+00
			Zn-65	<5.53E+00	0.00E+00	5.53E+00
			Zr-95	<6.85E+00	0.00E+00	6.85E+00
			Nb-95	<4.63E+00	0.00E+00	4.63E+00
			I-131	<1.18E+01	0.00E+00	1.18E+01
			Cs-134	<2.81E+00	0.00E+00	2.81E+00
			Cs-137	<3.51E+00	0.00E+00	3.51E+00
			BaLa-140	<7.49E+00	0.00E+00	7.49E+00
			Be-7	<2.91E+01	0.00E+00	2.91E+01
			K-40	1.18E+02	3.75E+01	4.08E+01

Sample Point 131 [INDICATOR - WNW @ 0.64 miles]

Sample ID:	604108	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<3.57E+00	0.00E+00	3.57E+00
			Co-58	<4.05E+00	0.00E+00	4.05E+00
			Fe-59	<6.97E+00	0.00E+00	6.97E+00
			Co-60	<3.75E+00	0.00E+00	3.75E+00
			Zn-65	<7.78E+00	0.00E+00	7.78E+00
			Zr-95	<8.37E+00	0.00E+00	8.37E+00
			Nb-95	<4.28E+00	0.00E+00	4.28E+00
			I-131	<1.26E+01	0.00E+00	1.26E+01
			Cs-134	<3.74E+00	0.00E+00	3.74E+00
			Cs-137	<2.95E+00	0.00E+00	2.95E+00
			BaLa-140	<6.45E+00	0.00E+00	6.45E+00
			Be-7	<3.00E+01	0.00E+00	3.00E+01
			K-40	5.65E+01	3.38E+01	4.70E+01
Sample ID:	**605339**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<2.48E+00	0.00E+00	2.48E+00
			Co-58	<2.91E+00	0.00E+00	2.91E+00
			Fe-59	<4.36E+00	0.00E+00	4.36E+00
			Co-60	<2.72E+00	0.00E+00	2.72E+00
			Zn-65	<6.28E+00	0.00E+00	6.28E+00
			Zr-95	<5.97E+00	0.00E+00	5.97E+00
			Nb-95	<3.51E+00	0.00E+00	3.51E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<3.46E+00	0.00E+00	3.46E+00
			Cs-137	<2.54E+00	0.00E+00	2.54E+00
			BaLa-140	<6.67E+00	0.00E+00	6.67E+00
			Be-7	<2.47E+01	0.00E+00	2.47E+01
			K-40	6.49E+01	2.76E+01	3.43E+01
Sample ID:	**609127**	**Sample Dates: 2/19/2024 - 3/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.10E+00	0.00E+00	3.10E+00
			Co-58	<3.45E+00	0.00E+00	3.45E+00
			Fe-59	<7.95E+00	0.00E+00	7.95E+00
			Co-60	<3.41E+00	0.00E+00	3.41E+00
			Zn-65	<6.00E+00	0.00E+00	6.00E+00
			Zr-95	<6.30E+00	0.00E+00	6.30E+00
			Nb-95	<3.64E+00	0.00E+00	3.64E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 131 [INDICATOR - WNW @ 0.64 miles]

Sample ID: 609127 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<1.23E+01	0.00E+00	1.23E+01
Cs-134	<2.84E+00	0.00E+00	2.84E+00
Cs-137	<2.48E+00	0.00E+00	2.48E+00
BaLa-140	<6.95E+00	0.00E+00	6.95E+00
Be-7	<2.55E+01	0.00E+00	2.55E+01
K-40	8.45E+01	3.96E+01	5.32E+01

Sample ID: 605078 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	2.91E+02	1.20E+02	1.91E+02

Sample ID: 610582 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.78E+00	0.00E+00	2.78E+00
Co-58	<3.01E+00	0.00E+00	3.01E+00
Fe-59	<7.46E+00	0.00E+00	7.46E+00
Co-60	<2.57E+00	0.00E+00	2.57E+00
Zn-65	<5.77E+00	0.00E+00	5.77E+00
Zr-95	<6.92E+00	0.00E+00	6.92E+00
Nb-95	<4.62E+00	0.00E+00	4.62E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<3.76E+00	0.00E+00	3.76E+00
Cs-137	<2.69E+00	0.00E+00	2.69E+00
BaLa-140	<9.66E+00	0.00E+00	9.66E+00
Be-7	<2.18E+01	0.00E+00	2.18E+01
K-40	7.11E+01	3.23E+01	4.07E+01

Sample ID: 612070 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.26E+00	0.00E+00	4.26E+00
Co-58	<4.32E+00	0.00E+00	4.32E+00
Fe-59	<6.98E+00	0.00E+00	6.98E+00
Co-60	<3.52E+00	0.00E+00	3.52E+00
Zn-65	<8.50E+00	0.00E+00	8.50E+00
Zr-95	<7.25E+00	0.00E+00	7.25E+00
Nb-95	<4.60E+00	0.00E+00	4.60E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<4.07E+00	0.00E+00	4.07E+00
Cs-137	<3.76E+00	0.00E+00	3.76E+00
BaLa-140	<8.51E+00	0.00E+00	8.51E+00
Be-7	<3.76E+01	0.00E+00	3.76E+01
K-40	8.63E+01	3.92E+01	4.06E+01

Sample ID: 613676 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.85E+00	0.00E+00	2.85E+00
Co-58	<3.85E+00	0.00E+00	3.85E+00
Fe-59	<5.49E+00	0.00E+00	5.49E+00
Co-60	<3.33E+00	0.00E+00	3.33E+00
Zn-65	<6.14E+00	0.00E+00	6.14E+00
Zr-95	<4.94E+00	0.00E+00	4.94E+00
Nb-95	<4.70E+00	0.00E+00	4.70E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<4.47E+00	0.00E+00	4.47E+00
Cs-137	<3.32E+00	0.00E+00	3.32E+00
BaLa-140	<9.03E+00	0.00E+00	9.03E+00
Be-7	<3.01E+01	0.00E+00	3.01E+01
K-40	2.49E+01	3.45E+01	5.72E+01

Sample ID: 612073 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	2.85E+02	1.17E+02	1.86E+02

Sample ID: 614873 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.87E+00	0.00E+00	3.87E+00
Co-58	<4.05E+00	0.00E+00	4.05E+00
Fe-59	<7.40E+00	0.00E+00	7.40E+00
Co-60	<2.97E+00	0.00E+00	2.97E+00
Zn-65	<8.29E+00	0.00E+00	8.29E+00
Zr-95	<8.09E+00	0.00E+00	8.09E+00
Nb-95	<5.51E+00	0.00E+00	5.51E+00
I-131	<1.30E+01	0.00E+00	1.30E+01

Sample ID: 614873 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<4.42E+00	0.00E+00	4.42E+00
Cs-137	<2.88E+00	0.00E+00	2.88E+00
BaLa-140	<7.53E+00	0.00E+00	7.53E+00
Be-7	<3.61E+01	0.00E+00	3.61E+01
K-40	8.16E+01	3.71E+01	4.46E+01

Sample ID: 616875 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.65E+00	0.00E+00	3.65E+00
Co-58	<3.19E+00	0.00E+00	3.19E+00
Fe-59	<5.73E+00	0.00E+00	5.73E+00
Co-60	<2.92E+00	0.00E+00	2.92E+00
Zn-65	<7.10E+00	0.00E+00	7.10E+00
Zr-95	<6.94E+00	0.00E+00	6.94E+00
Nb-95	<3.17E+00	0.00E+00	3.17E+00
I-131	<1.26E+01	0.00E+00	1.26E+01
Cs-134	<4.18E+00	0.00E+00	4.18E+00
Cs-137	<3.32E+00	0.00E+00	3.32E+00
BaLa-140	<7.87E+00	0.00E+00	7.87E+00
Be-7	3.51E+00	2.09E+01	3.75E+01
K-40	5.67E+01	3.32E+01	4.45E+01

Sample ID: 618339 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.22E+00	0.00E+00	3.22E+00
Co-58	<3.30E+00	0.00E+00	3.30E+00
Fe-59	<4.95E+00	0.00E+00	4.95E+00
Co-60	<2.87E+00	0.00E+00	2.87E+00
Zn-65	<4.62E+00	0.00E+00	4.62E+00
Zr-95	<6.79E+00	0.00E+00	6.79E+00
Nb-95	<3.81E+00	0.00E+00	3.81E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.74E+00	0.00E+00	3.74E+00
Cs-137	<3.34E+00	0.00E+00	3.34E+00
BaLa-140	<6.93E+00	0.00E+00	6.93E+00
Be-7	<3.05E+01	0.00E+00	3.05E+01
K-40	6.56E+01	3.02E+01	3.77E+01

Sample ID: 617224 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	6.09E+02	1.26E+02	1.83E+02

Sample ID: 620272 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.54E+00	0.00E+00	3.54E+00
Co-58	<3.45E+00	0.00E+00	3.45E+00
Fe-59	<7.75E+00	0.00E+00	7.75E+00
Co-60	<3.54E+00	0.00E+00	3.54E+00
Zn-65	<4.98E+00	0.00E+00	4.98E+00
Zr-95	<7.82E+00	0.00E+00	7.82E+00
Nb-95	<4.17E+00	0.00E+00	4.17E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.79E+00	0.00E+00	3.79E+00
Cs-137	<4.00E+00	0.00E+00	4.00E+00
BaLa-140	<6.06E+00	0.00E+00	6.06E+00
Be-7	<3.83E+01	0.00E+00	3.83E+01
K-40	7.46E+01	4.09E+01	5.60E+01

Sample ID: 621853 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.16E+00	0.00E+00	3.16E+00
Co-58	<4.07E+00	0.00E+00	4.07E+00
Fe-59	<9.67E+00	0.00E+00	9.67E+00
Co-60	<3.41E+00	0.00E+00	3.41E+00
Zn-65	<7.08E+00	0.00E+00	7.08E+00
Zr-95	<6.25E+00	0.00E+00	6.25E+00
Nb-95	<4.13E+00	0.00E+00	4.13E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<4.17E+00	0.00E+00	4.17E+00
Cs-137	<3.54E+00	0.00E+00	3.54E+00
BaLa-140	<8.93E+00	0.00E+00	8.93E+00
Be-7	<2.47E+01	0.00E+00	2.47E+01

Sample Point 131 [INDICATOR - WNW @ 0.64 miles]

Sample ID:	621853	Sample Dates: 9/30/2024 - 10/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	1.05E+02	4.04E+01	4.56E+01
Sample ID:	**623028**	**Sample Dates: 10/28/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.42E+00	0.00E+00	4.42E+00
			Co-58	<4.45E+00	0.00E+00	4.45E+00
			Fe-59	<7.18E+00	0.00E+00	7.18E+00
			Co-60	<5.12E+00	0.00E+00	5.12E+00
			Zn-65	<5.81E+00	0.00E+00	5.81E+00
			Zr-95	<8.66E+00	0.00E+00	8.66E+00
			Nb-95	<6.10E+00	0.00E+00	6.10E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<3.69E+00	0.00E+00	3.69E+00
			Cs-137	<5.24E+00	0.00E+00	5.24E+00
			BaLa-140	<1.20E+01	0.00E+00	1.20E+01
			Be-7	<4.30E+01	0.00E+00	4.30E+01
			K-40	<7.95E+01	0.00E+00	7.95E+01
Sample ID:	**622565**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	3.01E+02	1.18E+02	1.87E+02
Sample ID:	**624917**	**Sample Dates: 11/25/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.15E+00	0.00E+00	3.15E+00
			Co-58	<3.09E+00	0.00E+00	3.09E+00
			Fe-59	<5.91E+00	0.00E+00	5.91E+00
			Co-60	<3.60E+00	0.00E+00	3.60E+00
			Zn-65	<4.93E+00	0.00E+00	4.93E+00
			Zr-95	<6.03E+00	0.00E+00	6.03E+00
			Nb-95	<4.10E+00	0.00E+00	4.10E+00
			I-131	<1.28E+01	0.00E+00	1.28E+01
			Cs-134	<3.20E+00	0.00E+00	3.20E+00
			Cs-137	<2.13E+00	0.00E+00	2.13E+00
			BaLa-140	<6.61E+00	0.00E+00	6.61E+00
			Be-7	<2.51E+01	0.00E+00	2.51E+01
			K-40	7.84E+01	3.09E+01	3.70E+01

Sample Point 135 [CONTROL - N @ 11.9 miles]

Sample ID:	604109	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<3.36E+00	0.00E+00	3.36E+00
			Co-58	<3.83E+00	0.00E+00	3.83E+00
			Fe-59	<6.36E+00	0.00E+00	6.36E+00
			Co-60	<3.28E+00	0.00E+00	3.28E+00
			Zn-65	<6.75E+00	0.00E+00	6.75E+00
			Zr-95	<6.12E+00	0.00E+00	6.12E+00
			Nb-95	<4.64E+00	0.00E+00	4.64E+00
			I-131	<1.33E+01	0.00E+00	1.33E+01
			Cs-134	<4.30E+00	0.00E+00	4.30E+00
			Cs-137	<2.93E+00	0.00E+00	2.93E+00
			BaLa-140	<7.39E+00	0.00E+00	7.39E+00
			Be-7	<3.36E+01	0.00E+00	3.36E+01
			K-40	7.23E+01	3.68E+01	4.84E+01
Sample ID:	**605340**	**Sample Dates: 1/22/2024 - 2/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.34E+00	0.00E+00	3.34E+00
			Co-58	<4.33E+00	0.00E+00	4.33E+00
			Fe-59	<7.80E+00	0.00E+00	7.80E+00
			Co-60	<3.09E+00	0.00E+00	3.09E+00
			Zn-65	<6.90E+00	0.00E+00	6.90E+00
			Zr-95	<6.37E+00	0.00E+00	6.37E+00
			Nb-95	<4.75E+00	0.00E+00	4.75E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<3.84E+00	0.00E+00	3.84E+00
			Cs-137	<4.15E+00	0.00E+00	4.15E+00
			BaLa-140	<9.35E+00	0.00E+00	9.35E+00
			Be-7	<3.36E+01	0.00E+00	3.36E+01
			K-40	6.39E+01	4.32E+01	6.43E+01

Sample ID:	609128	Sample Dates: 2/19/2024 - 3/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<2.23E+00	0.00E+00	2.23E+00
			Co-58	<2.73E+00	0.00E+00	2.73E+00
			Fe-59	<5.93E+00	0.00E+00	5.93E+00
			Co-60	<3.30E+00	0.00E+00	3.30E+00
			Zn-65	<6.05E+00	0.00E+00	6.05E+00
			Zr-95	<7.84E+00	0.00E+00	7.84E+00
			Nb-95	<3.55E+00	0.00E+00	3.55E+00
			I-131	<1.24E+01	0.00E+00	1.24E+01
			Cs-134	<3.50E+00	0.00E+00	3.50E+00
			Cs-137	<2.67E+00	0.00E+00	2.67E+00
			BaLa-140	<9.26E+00	0.00E+00	9.26E+00
			Be-7	<2.99E+01	0.00E+00	2.99E+01
			K-40	7.43E+01	3.26E+01	4.09E+01
Sample ID:	**605079**	**Sample Dates: 12/27/2023 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	<-9.2E+01	0.00E+00	1.92E+02
Sample ID:	**610583**	**Sample Dates: 3/18/2024 - 4/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.12E+00	0.00E+00	4.12E+00
			Co-58	<4.22E+00	0.00E+00	4.22E+00
			Fe-59	<1.05E+01	0.00E+00	1.05E+01
			Co-60	<4.01E+00	0.00E+00	4.01E+00
			Zn-65	<7.92E+00	0.00E+00	7.92E+00
			Zr-95	<7.50E+00	0.00E+00	7.50E+00
			Nb-95	<5.57E+00	0.00E+00	5.57E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<5.37E+00	0.00E+00	5.37E+00
			Cs-137	<3.32E+00	0.00E+00	3.32E+00
			BaLa-140	<6.40E+00	0.00E+00	6.40E+00
			Be-7	<3.79E+01	0.00E+00	3.79E+01
			K-40	<9.17E+01	0.00E+00	9.17E+01
Sample ID:	**612071**	**Sample Dates: 4/15/2024 - 5/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.21E+00	0.00E+00	3.21E+00
			Co-58	<4.01E+00	0.00E+00	4.01E+00
			Fe-59	<7.25E+00	0.00E+00	7.25E+00
			Co-60	<3.29E+00	0.00E+00	3.29E+00
			Zn-65	<5.22E+00	0.00E+00	5.22E+00
			Zr-95	<7.12E+00	0.00E+00	7.12E+00
			Nb-95	<4.51E+00	0.00E+00	4.51E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<4.40E+00	0.00E+00	4.40E+00
			Cs-137	<4.43E+00	0.00E+00	4.43E+00
			BaLa-140	<9.16E+00	0.00E+00	9.16E+00
			Be-7	<3.46E+01	0.00E+00	3.46E+01
			K-40	<7.87E+01	0.00E+00	7.87E+01
Sample ID:	**613677**	**Sample Dates: 5/13/2024 - 6/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.74E+00	0.00E+00	3.74E+00
			Co-58	<3.46E+00	0.00E+00	3.46E+00
			Fe-59	<8.91E+00	0.00E+00	8.91E+00
			Co-60	<3.39E+00	0.00E+00	3.39E+00
			Zn-65	<6.98E+00	0.00E+00	6.98E+00
			Zr-95	<4.36E+00	0.00E+00	4.36E+00
			Nb-95	<5.00E+00	0.00E+00	5.00E+00
			I-131	<1.34E+01	0.00E+00	1.34E+01
			Cs-134	<3.93E+00	0.00E+00	3.93E+00
			Cs-137	<2.75E+00	0.00E+00	2.75E+00
			BaLa-140	<1.30E+01	0.00E+00	1.30E+01
			Be-7	<4.14E+01	0.00E+00	4.14E+01
			K-40	<7.51E+01	0.00E+00	7.51E+01
Sample ID:	**612074**	**Sample Dates: 4/15/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	<8.66E+01	0.00E+00	1.87E+02
Sample ID:	**614874**	**Sample Dates: 6/10/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.29E+00	0.00E+00	3.29E+00

Sample ID: 614874 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Co-58	<2.86E+00	0.00E+00	2.86E+00
Fe-59	<6.49E+00	0.00E+00	6.49E+00
Co-60	<2.23E+00	0.00E+00	2.23E+00
Zn-65	<6.91E+00	0.00E+00	6.91E+00
Zr-95	<7.47E+00	0.00E+00	7.47E+00
Nb-95	<3.37E+00	0.00E+00	3.37E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.22E+00	0.00E+00	3.22E+00
Cs-137	<3.29E+00	0.00E+00	3.29E+00
BaLa-140	<7.62E+00	0.00E+00	7.62E+00
Be-7	<2.91E+01	0.00E+00	2.91E+01
K-40	6.18E+01	3.16E+01	4.10E+01

Sample ID: 616876 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.18E+00	0.00E+00	2.18E+00
Co-58	<3.40E+00	0.00E+00	3.40E+00
Fe-59	<8.07E+00	0.00E+00	8.07E+00
Co-60	<5.01E+00	0.00E+00	5.01E+00
Zn-65	<5.38E+00	0.00E+00	5.38E+00
Zr-95	<7.66E+00	0.00E+00	7.66E+00
Nb-95	<5.04E+00	0.00E+00	5.04E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.54E+00	0.00E+00	4.54E+00
Cs-137	<4.43E+00	0.00E+00	4.43E+00
BaLa-140	<7.84E+00	0.00E+00	7.84E+00
Be-7	3.13E+00	2.61E+01	4.71E+01
K-40	<7.36E+01	0.00E+00	7.36E+01

Sample ID: 618340 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.51E+00	0.00E+00	3.51E+00
Co-58	<3.66E+00	0.00E+00	3.66E+00
Fe-59	<7.10E+00	0.00E+00	7.10E+00
Co-60	<3.80E+00	0.00E+00	3.80E+00
Zn-65	<6.63E+00	0.00E+00	6.63E+00
Zr-95	<4.01E+00	0.00E+00	4.01E+00
Nb-95	<3.51E+00	0.00E+00	3.51E+00
I-131	<1.26E+01	0.00E+00	1.26E+01
Cs-134	<4.11E+00	0.00E+00	4.11E+00
Cs-137	<3.42E+00	0.00E+00	3.42E+00
BaLa-140	<6.75E+00	0.00E+00	6.75E+00
Be-7	<2.81E+01	0.00E+00	2.81E+01
K-40	6.94E+01	3.45E+01	4.41E+01

Sample ID: 617225 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<6.81E+01	0.00E+00	1.81E+02

Sample ID: 620273 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.61E+00	0.00E+00	3.61E+00
Co-58	<3.97E+00	0.00E+00	3.97E+00
Fe-59	<9.83E+00	0.00E+00	9.83E+00
Co-60	<4.13E+00	0.00E+00	4.13E+00
Zn-65	<1.08E+01	0.00E+00	1.08E+01
Zr-95	<6.35E+00	0.00E+00	6.35E+00
Nb-95	<4.20E+00	0.00E+00	4.20E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.02E+00	0.00E+00	4.02E+00
Cs-137	<2.78E+00	0.00E+00	2.78E+00
BaLa-140	<9.89E+00	0.00E+00	9.89E+00
Be-7	<3.55E+01	0.00E+00	3.55E+01
K-40	4.78E+01	3.69E+01	5.43E+01

Sample ID: 621854 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.52E+00	0.00E+00	3.52E+00
Co-58	<3.24E+00	0.00E+00	3.24E+00
Fe-59	<6.55E+00	0.00E+00	6.55E+00
Co-60	<2.54E+00	0.00E+00	2.54E+00
Zn-65	<5.67E+00	0.00E+00	5.67E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 135 [CONTROL - N @ 11.9 miles]

Sample ID:	621854	Sample Dates: 9/30/2024 - 10/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			Zr-95	<5.19E+00	0.00E+00	5.19E+00
			Nb-95	<4.13E+00	0.00E+00	4.13E+00
			I-131	<1.30E+01	0.00E+00	1.30E+01
			Cs-134	<2.74E+00	0.00E+00	2.74E+00
			Cs-137	<3.21E+00	0.00E+00	3.21E+00
			BaLa-140	<8.64E+00	0.00E+00	8.64E+00
			Be-7	<3.00E+01	0.00E+00	3.00E+01
			K-40	6.54E+01	3.41E+01	4.40E+01
Sample ID:	**623029**	**Sample Dates: 10/28/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.95E+00	0.00E+00	4.95E+00
			Co-58	<4.09E+00	0.00E+00	4.09E+00
			Fe-59	<1.17E+01	0.00E+00	1.17E+01
			Co-60	<3.55E+00	0.00E+00	3.55E+00
			Zn-65	<6.52E+00	0.00E+00	6.52E+00
			Zr-95	<6.33E+00	0.00E+00	6.33E+00
			Nb-95	<3.98E+00	0.00E+00	3.98E+00
			I-131	<1.28E+01	0.00E+00	1.28E+01
			Cs-134	<4.96E+00	0.00E+00	4.96E+00
			Cs-137	<4.00E+00	0.00E+00	4.00E+00
			BaLa-140	<1.06E+01	0.00E+00	1.06E+01
			Be-7	<3.37E+01	0.00E+00	3.37E+01
			K-40	9.85E+01	4.67E+01	5.64E+01
Sample ID:	**622566**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3SW	<-1.5E+01	0.00E+00	1.88E+02
Sample ID:	**624918**	**Sample Dates: 11/25/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<3.49E+00	0.00E+00	3.49E+00
			Co-58	<3.11E+00	0.00E+00	3.11E+00
			Fe-59	<7.15E+00	0.00E+00	7.15E+00
			Co-60	<3.38E+00	0.00E+00	3.38E+00
			Zn-65	<5.55E+00	0.00E+00	5.55E+00
			Zr-95	<6.77E+00	0.00E+00	6.77E+00
			Nb-95	<4.21E+00	0.00E+00	4.21E+00
			I-131	<1.27E+01	0.00E+00	1.27E+01
			Cs-134	<3.86E+00	0.00E+00	3.86E+00
			Cs-137	<3.00E+00	0.00E+00	3.00E+00
			BaLa-140	<7.62E+00	0.00E+00	7.62E+00
			Be-7	<3.56E+01	0.00E+00	3.56E+01
			K-40	5.90E+01	2.96E+01	3.68E+01

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 143 [INDICATOR - NW @ 0.27 miles] **TLD RING TLD_INNER**

Sample ID:	608663	Sample Dates: 12/20/2023 - 3/13/2024	Nuclide	Activity
			mR/Std Qtr	16.89
Sample ID:	**613841**	**Sample Dates: 3/13/2024 - 6/19/2024**	**Nuclide**	**Activity**
			mR/Std Qtr	16.27
Sample ID:	**619020**	**Sample Dates: 6/19/2024 - 9/18/2024**	**Nuclide**	**Activity**
			mR/Std Qtr	14.79
Sample ID:	**624342**	**Sample Dates: 9/18/2024 - 12/18/2024**	**Nuclide**	**Activity**
			mR/Std Qtr	17.14

Sample Point 144 [INDICATOR - NNE @ 0.46 miles] **TLD RING TLD_INNER**

Sample ID:	608664	Sample Dates: 12/20/2023 - 3/13/2024	Nuclide	Activity
			mR/Std Qtr	14.84
Sample ID:	**613842**	**Sample Dates: 3/13/2024 - 6/19/2024**	**Nuclide**	**Activity**
			mR/Std Qtr	12.23
Sample ID:	**619021**	**Sample Dates: 6/19/2024 - 9/18/2024**	**Nuclide**	**Activity**
			mR/Std Qtr	11.85

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 144 [INDICATOR - NNE @ 0.46 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
624343	9/18/2024 - 12/18/2024	mR/Std Qtr	13.82

Sample Point 145 [INDICATOR - NE @ 0.47 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608665	12/20/2023 - 3/13/2024	mR/Std Qtr	15.75
613843	3/13/2024 - 6/19/2024	mR/Std Qtr	14.39
619022	6/19/2024 - 9/18/2024	mR/Std Qtr	11.71
624344	9/18/2024 - 12/18/2024	mR/Std Qtr	14.58

Sample Point 146 [INDICATOR - ENE @ 0.42 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608666	12/20/2023 - 3/13/2024	mR/Std Qtr	15.30
613844	3/13/2024 - 6/19/2024	mR/Std Qtr	12.70
619023	6/19/2024 - 9/18/2024	mR/Std Qtr	11.23
624345	9/18/2024 - 12/18/2024	mR/Std Qtr	14.60

Sample Point 147 [INDICATOR - E @ 0.44 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608667	12/20/2023 - 3/13/2024	mR/Std Qtr	15.66
613845	3/13/2024 - 6/19/2024	mR/Std Qtr	14.77
619024	6/19/2024 - 9/18/2024	mR/Std Qtr	11.44
624346	9/18/2024 - 12/18/2024	mR/Std Qtr	15.18

Sample Point 148 [INDICATOR - ESE @ 0.46 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608668	12/20/2023 - 3/13/2024	mR/Std Qtr	13.49
613846	3/13/2024 - 6/19/2024	mR/Std Qtr	11.86
619025	6/19/2024 - 9/18/2024	mR/Std Qtr	10.03
624347	9/18/2024 - 12/18/2024	mR/Std Qtr	11.79

Sample Point 149 [INDICATOR - SE @ 0.5 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608669	12/20/2023 - 3/13/2024	mR/Std Qtr	14.31
613847	3/13/2024 - 6/19/2024	mR/Std Qtr	11.74
619026	6/19/2024 - 9/18/2024	mR/Std Qtr	11.40
624348	9/18/2024 - 12/18/2024	mR/Std Qtr	12.50

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 151 [INDICATOR - S @ 0.37 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608670	12/20/2023 - 3/13/2024	mR/Std Qtr	17.47
613848	3/13/2024 - 6/19/2024	mR/Std Qtr	14.19
619027	6/19/2024 - 9/18/2024	mR/Std Qtr	12.13
624349	9/18/2024 - 12/18/2024	mR/Std Qtr	13.29

Sample Point 152 [INDICATOR - SSW @ 0.44 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608671	12/20/2023 - 3/13/2024	mR/Std Qtr	15.84
613849	3/13/2024 - 6/19/2024	mR/Std Qtr	13.32
619028	6/19/2024 - 9/18/2024	mR/Std Qtr	13.43
624350	9/18/2024 - 12/18/2024	mR/Std Qtr	12.94

Sample Point 153 [INDICATOR - SW @ 0.47 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608672	12/20/2023 - 3/13/2024	mR/Std Qtr	21.22
613850	3/13/2024 - 6/19/2024	mR/Std Qtr	18.86
619029	6/19/2024 - 9/18/2024	mR/Std Qtr	15.09
624351	9/18/2024 - 12/18/2024	mR/Std Qtr	17.96

Sample Point 154 [INDICATOR - W @ 0.45 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608673	12/20/2023 - 3/13/2024	mR/Std Qtr	19.42
613851	3/13/2024 - 6/19/2024	mR/Std Qtr	15.43
619030	6/19/2024 - 9/18/2024	mR/Std Qtr	12.86
624352	9/18/2024 - 12/18/2024	mR/Std Qtr	16.48

Sample Point 156 [INDICATOR - WNW @ 0.44 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608674	12/20/2023 - 3/13/2024	mR/Std Qtr	19.85
613852	3/13/2024 - 6/19/2024	mR/Std Qtr	15.99
619031	6/19/2024 - 9/18/2024	mR/Std Qtr	14.63
624353	9/18/2024 - 12/18/2024	mR/Std Qtr	16.72

Sample Point 157 [INDICATOR - N @ 4.69 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608675	12/20/2023 - 3/13/2024	mR/Std Qtr	17.97
613853	3/13/2024 - 6/19/2024	mR/Std Qtr	14.71

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 157 [INDICATOR - N @ 4.69 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
619032	6/19/2024 - 9/18/2024	mR/Std Qtr	14.30
624354	9/18/2024 - 12/18/2024	mR/Std Qtr	16.82

Sample Point 158 [INDICATOR - NNE @ 4.33 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608676	12/20/2023 - 3/13/2024	mR/Std Qtr	17.79
613854	3/13/2024 - 6/19/2024	mR/Std Qtr	14.46
619033	6/19/2024 - 9/18/2024	mR/Std Qtr	11.92
624355	9/18/2024 - 12/18/2024	mR/Std Qtr	13.90

Sample Point 159 [INDICATOR - NE @ 4.77 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608677	12/20/2023 - 3/13/2024	mR/Std Qtr	18.07
613855	3/13/2024 - 6/19/2024	mR/Std Qtr	16.93
619034	6/19/2024 - 9/18/2024	mR/Std Qtr	13.42
624356	9/18/2024 - 12/18/2024	mR/Std Qtr	14.31

Sample Point 160 [INDICATOR - ENE @ 4.89 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608678	12/20/2023 - 3/13/2024	mR/Std Qtr	16.05
613856	3/13/2024 - 6/19/2024	mR/Std Qtr	13.94
619035	6/19/2024 - 9/18/2024	mR/Std Qtr	11.64
624357	9/18/2024 - 12/18/2024	mR/Std Qtr	14.66

Sample Point 161 [INDICATOR - E @ 4.7 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608679	12/20/2023 - 3/13/2024	mR/Std Qtr	17.61
613857	3/13/2024 - 6/19/2024	mR/Std Qtr	13.94
619036	6/19/2024 - 9/18/2024	mR/Std Qtr	11.96
624358	9/18/2024 - 12/18/2024	mR/Std Qtr	14.71

Sample Point 162 [INDICATOR - ESE @ 4.53 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608680	12/20/2023 - 3/13/2024	mR/Std Qtr	12.93
613858	3/13/2024 - 6/19/2024	mR/Std Qtr	11.19
619037	6/19/2024 - 9/18/2024	mR/Std Qtr	8.86
624359	9/18/2024 - 12/18/2024	mR/Std Qtr	11.63

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 163 [INDICATOR - SE @ 4.94 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608681	12/20/2023 - 3/13/2024	mR/Std Qtr	14.06
613859	3/13/2024 - 6/19/2024	mR/Std Qtr	11.44
619038	6/19/2024 - 9/18/2024	mR/Std Qtr	8.87
624360	9/18/2024 - 12/18/2024	mR/Std Qtr	12.64

Sample Point 164 [INDICATOR - SSE @ 4.64 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608682	12/20/2023 - 3/13/2024	mR/Std Qtr	13.16
613860	3/13/2024 - 6/19/2024	mR/Std Qtr	10.65
619039	6/19/2024 - 9/18/2024	mR/Std Qtr	8.38
624361	9/18/2024 - 12/18/2024	mR/Std Qtr	10.48

Sample Point 165 [INDICATOR - S @ 4.57 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608683	12/20/2023 - 3/13/2024	mR/Std Qtr	20.30
613861	3/13/2024 - 6/19/2024	mR/Std Qtr	20.51
619040	6/19/2024 - 9/18/2024	mR/Std Qtr	16.77
624362	9/18/2024 - 12/18/2024	mR/Std Qtr	19.58

Sample Point 166 [INDICATOR - SSW @ 4.44 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608684	12/20/2023 - 3/13/2024	mR/Std Qtr	18.39
613862	3/13/2024 - 6/19/2024	mR/Std Qtr	17.22
619041	6/19/2024 - 9/18/2024	mR/Std Qtr	15.39
624363	9/18/2024 - 12/18/2024	mR/Std Qtr	17.95

Sample Point 167 [INDICATOR - SW @ 4.87 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608685	12/20/2023 - 3/13/2024	mR/Std Qtr	19.55
613863	3/13/2024 - 6/19/2024	mR/Std Qtr	18.34
619042	6/19/2024 - 9/18/2024	mR/Std Qtr	15.47
624364	9/18/2024 - 12/18/2024	mR/Std Qtr	19.01

Sample Point 168 [INDICATOR - WSW @ 4.6 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608686	12/20/2023 - 3/13/2024	mR/Std Qtr	21.24
613864	3/13/2024 - 6/19/2024	mR/Std Qtr	15.55

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 168 [INDICATOR - WSW @ 4.6 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
619043	6/19/2024 - 9/18/2024	mR/Std Qtr	15.32
624365	9/18/2024 - 12/18/2024	mR/Std Qtr	18.11

Sample Point 169 [INDICATOR - W @ 4.03 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608687	12/20/2023 - 3/13/2024	mR/Std Qtr	16.37
613865	3/13/2024 - 6/19/2024	mR/Std Qtr	14.56
619044	6/19/2024 - 9/18/2024	mR/Std Qtr	11.05
624366	9/18/2024 - 12/18/2024	mR/Std Qtr	11.94

Sample Point 170 [INDICATOR - WNW @ 4.32 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608688	12/20/2023 - 3/13/2024	mR/Std Qtr	25.87
613866	3/13/2024 - 6/19/2024	mR/Std Qtr	23.35
619045	6/19/2024 - 9/18/2024	mR/Std Qtr	23.09
624367	9/18/2024 - 12/18/2024	mR/Std Qtr	23.71

Sample Point 171 [INDICATOR - NW @ 3.95 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608689	12/20/2023 - 3/13/2024	mR/Std Qtr	22.23
613867	3/13/2024 - 6/19/2024	mR/Std Qtr	19.45
619046	6/19/2024 - 9/18/2024	mR/Std Qtr	17.04
624368	9/18/2024 - 12/18/2024	mR/Std Qtr	20.07

Sample Point 172 [INDICATOR - NNW @ 4.69 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608690	12/20/2023 - 3/13/2024	mR/Std Qtr	16.77
613868	3/13/2024 - 6/19/2024	mR/Std Qtr	14.73
619047	6/19/2024 - 9/18/2024	mR/Std Qtr	12.63
624369	9/18/2024 - 12/18/2024	mR/Std Qtr	14.77

Sample Point 173 [INDICATOR - NNW @ 8.39 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608691	12/20/2023 - 3/13/2024	mR/Std Qtr	26.54
613869	3/13/2024 - 6/19/2024	mR/Std Qtr	23.19
619048	6/19/2024 - 9/18/2024	mR/Std Qtr	19.50
624370	9/18/2024 - 12/18/2024	mR/Std Qtr	20.59

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 174 [INDICATOR - WNW @ 8.85 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608692	12/20/2023 - 3/13/2024	mR/Std Qtr	27.30
613870	3/13/2024 - 6/19/2024	mR/Std Qtr	24.76
619049	6/19/2024 - 9/18/2024	mR/Std Qtr	21.66
624371	9/18/2024 - 12/18/2024	mR/Std Qtr	21.39

Sample Point 175 [CONTROL - WNW @ 15.5 miles] — **TLD RING TLD_CTRL**

Sample ID:	Sample Dates:	Nuclide	Activity
608693	12/20/2023 - 3/13/2024	mR/Std Qtr	25.39
613871	3/13/2024 - 6/19/2024	mR/Std Qtr	22.47
619050	6/19/2024 - 9/18/2024	mR/Std Qtr	20.30
624372	9/18/2024 - 12/18/2024	mR/Std Qtr	21.66

Sample Point 177 [INDICATOR - S @ 8.77 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608694	12/20/2023 - 3/13/2024	mR/Std Qtr	14.44
613872	3/13/2024 - 6/19/2024	mR/Std Qtr	12.15
619051	6/19/2024 - 9/18/2024	mR/Std Qtr	11.04
624373	9/18/2024 - 12/18/2024	mR/Std Qtr	13.92

Sample Point 178 [INDICATOR - SE @ 9.36 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608695	12/20/2023 - 3/13/2024	mR/Std Qtr	15.76
613873	3/13/2024 - 6/19/2024	mR/Std Qtr	12.63
619052	6/19/2024 - 9/18/2024	mR/Std Qtr	10.48
624374	9/18/2024 - 12/18/2024	mR/Std Qtr	13.91

Sample Point 180 [INDICATOR - NNE @ 12.7 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608696	12/20/2023 - 3/13/2024	mR/Std Qtr	28.20
613874	3/13/2024 - 6/19/2024	mR/Std Qtr	24.70
619053	6/19/2024 - 9/18/2024	mR/Std Qtr	23.25
624375	9/18/2024 - 12/18/2024	mR/Std Qtr	25.44

Sample Point 181 [INDICATOR - NE @ 7.02 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608697	12/20/2023 - 3/13/2024	mR/Std Qtr	18.50
613875	3/13/2024 - 6/19/2024	mR/Std Qtr	15.91

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 181 [INDICATOR - NE @ 7.02 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
619054	6/19/2024 - 9/18/2024	mR/Std Qtr	13.88
624376	9/18/2024 - 12/18/2024	mR/Std Qtr	15.05

Sample Point 182 [INDICATOR - ENE @ 6.23 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608698	12/20/2023 - 3/13/2024	mR/Std Qtr	20.05
613876	3/13/2024 - 6/19/2024	mR/Std Qtr	19.11
619055	6/19/2024 - 9/18/2024	mR/Std Qtr	15.31
624377	9/18/2024 - 12/18/2024	mR/Std Qtr	16.81

Sample Point 186 [INDICATOR - NNW @ 0.24 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608699	12/20/2023 - 3/13/2024	mR/Std Qtr	18.01
613877	3/13/2024 - 6/19/2024	mR/Std Qtr	15.65
619056	6/19/2024 - 9/18/2024	mR/Std Qtr	14.28
624378	9/18/2024 - 12/18/2024	mR/Std Qtr	14.99

Sample Point 187 [INDICATOR - N @ 0.19 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608700	12/20/2023 - 3/13/2024	mR/Std Qtr	19.34
613878	3/13/2024 - 6/19/2024	mR/Std Qtr	16.61
619057	6/19/2024 - 9/18/2024	mR/Std Qtr	14.35
624379	9/18/2024 - 12/18/2024	mR/Std Qtr	16.92

Sample Point 189 [INDICATOR - SSE @ 0.43 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608701	12/20/2023 - 3/13/2024	mR/Std Qtr	16.87
613879	3/13/2024 - 6/19/2024	mR/Std Qtr	16.24
619058	6/19/2024 - 9/18/2024	mR/Std Qtr	12.54
624380	9/18/2024 - 12/18/2024	mR/Std Qtr	14.90

Sample Point 190 [INDICATOR - WSW @ 0.37 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608702	12/20/2023 - 3/13/2024	mR/Std Qtr	21.59
613880	3/13/2024 - 6/19/2024	mR/Std Qtr	18.94
619059	6/19/2024 - 9/18/2024	mR/Std Qtr	17.75
624381	9/18/2024 - 12/18/2024	mR/Std Qtr	20.75

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 191 [INDICATOR - NNE @ 2.84 miles] **TLD RING TLD_SPEC**

Sample ID:	608703	Sample Dates: 12/20/2023 - 3/13/2024	Nuclide	Activity
			mR/Std Qtr	21.18
Sample ID:	**613881**	**Sample Dates: 3/13/2024 - 6/19/2024**	**Nuclide**	**Activity**
			mR/Std Qtr	18.13
Sample ID:	**619060**	**Sample Dates: 6/19/2024 - 9/18/2024**	**Nuclide**	**Activity**
			mR/Std Qtr	15.18
Sample ID:	**624382**	**Sample Dates: 9/18/2024 - 12/18/2024**	**Nuclide**	**Activity**
			mR/Std Qtr	19.73

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 102 [CONTROL - WNW @ 9.89 miles]

Sample ID:	602993	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<3.19E+01	0.00E+00	3.19E+01
				Co-58	<3.39E+01	0.00E+00	3.39E+01
				Fe-59	<6.27E+01	0.00E+00	6.27E+01
				Co-60	<2.75E+01	0.00E+00	2.75E+01
				Zn-65	<7.07E+01	0.00E+00	7.07E+01
				Zr-95	<5.87E+01	0.00E+00	5.87E+01
				Nb-95	<3.76E+01	0.00E+00	3.76E+01
				I-131	<2.94E+01	0.00E+00	2.94E+01
				Cs-134	<3.98E+01	0.00E+00	3.98E+01
				Cs-137	<2.85E+01	0.00E+00	2.85E+01
				BaLa-140	<2.38E+01	0.00E+00	2.38E+01
				Be-7	8.85E+02	2.62E+02	2.83E+02
				K-40	3.80E+03	7.53E+02	5.31E+02
Sample ID:	**604841**	**Sample Dates: 2/5/2024 - 2/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.60E+01	0.00E+00	4.60E+01
				Co-58	<3.90E+01	0.00E+00	3.90E+01
				Fe-59	<8.86E+01	0.00E+00	8.86E+01
				Co-60	<4.51E+01	0.00E+00	4.51E+01
				Zn-65	<1.09E+02	0.00E+00	1.09E+02
				Zr-95	<8.14E+01	0.00E+00	8.14E+01
				Nb-95	<4.53E+01	0.00E+00	4.53E+01
				I-131	<4.71E+01	0.00E+00	4.71E+01
				Cs-134	<5.50E+01	0.00E+00	5.50E+01
				Cs-137	<4.46E+01	0.00E+00	4.46E+01
				BaLa-140	<1.19E+01	0.00E+00	1.19E+01
				Be-7	1.87E+03	4.86E+02	5.57E+02
				K-40	7.45E+03	1.26E+03	8.08E+02
Sample ID:	**607707**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.04E+01	0.00E+00	3.04E+01
				Co-58	<3.10E+01	0.00E+00	3.10E+01
				Fe-59	<4.79E+01	0.00E+00	4.79E+01
				Co-60	<3.10E+01	0.00E+00	3.10E+01
				Zn-65	<7.33E+01	0.00E+00	7.33E+01
				Zr-95	<3.89E+01	0.00E+00	3.89E+01
				Nb-95	<2.90E+01	0.00E+00	2.90E+01
				I-131	<2.71E+01	0.00E+00	2.71E+01
				Cs-134	<3.81E+01	0.00E+00	3.81E+01
				Cs-137	<2.45E+01	0.00E+00	2.45E+01
				BaLa-140	<3.67E+01	0.00E+00	3.67E+01
				Be-7	7.50E+02	2.67E+02	3.50E+02
				K-40	3.61E+03	7.00E+02	5.35E+02
Sample ID:	**610002**	**Sample Dates: 4/1/2024 - 4/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.26E+01	0.00E+00	2.26E+01
				Co-58	<1.43E+01	0.00E+00	1.43E+01
				Fe-59	<4.31E+01	0.00E+00	4.31E+01
				Co-60	<2.25E+01	0.00E+00	2.25E+01
				Zn-65	<4.54E+01	0.00E+00	4.54E+01
				Zr-95	<3.18E+01	0.00E+00	3.18E+01
				Nb-95	<1.54E+01	0.00E+00	1.54E+01
				I-131	<2.01E+01	0.00E+00	2.01E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 102 [CONTROL - WNW @ 9.89 miles]

Sample ID:	610002	Sample Dates: 4/1/2024 - 4/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<1.84E+01	0.00E+00	1.84E+01
				Cs-137	<1.31E+01	0.00E+00	1.31E+01
				BaLa-140	<1.69E+01	0.00E+00	1.69E+01
				Be-7	6.98E+01	1.62E+02	2.74E+02
				K-40	6.12E+03	8.06E+02	3.17E+02
Sample ID:	**611811**	**Sample Dates: 5/6/2024 - 5/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.19E+01	0.00E+00	3.19E+01
				Co-58	<2.62E+01	0.00E+00	2.62E+01
				Fe-59	<5.59E+01	0.00E+00	5.59E+01
				Co-60	<3.08E+01	0.00E+00	3.08E+01
				Zn-65	<5.36E+01	0.00E+00	5.36E+01
				Zr-95	<4.53E+01	0.00E+00	4.53E+01
				Nb-95	<1.23E+01	0.00E+00	1.23E+01
				I-131	<2.70E+01	0.00E+00	2.70E+01
				Cs-134	<3.13E+01	0.00E+00	3.13E+01
				Cs-137	<2.71E+01	0.00E+00	2.71E+01
				BaLa-140	<2.42E+01	0.00E+00	2.42E+01
				Be-7	<2.79E+02	0.00E+00	2.79E+02
				K-40	4.76E+03	8.24E+02	4.11E+02
Sample ID:	**613595**	**Sample Dates: 6/3/2024 - 6/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.24E+01	0.00E+00	2.24E+01
				Co-58	<1.92E+01	0.00E+00	1.92E+01
				Fe-59	<5.49E+01	0.00E+00	5.49E+01
				Co-60	<1.74E+01	0.00E+00	1.74E+01
				Zn-65	<4.90E+01	0.00E+00	4.90E+01
				Zr-95	<3.72E+01	0.00E+00	3.72E+01
				Nb-95	<2.14E+01	0.00E+00	2.14E+01
				I-131	<1.72E+01	0.00E+00	1.72E+01
				Cs-134	<2.87E+01	0.00E+00	2.87E+01
				Cs-137	<1.71E+01	0.00E+00	1.71E+01
				BaLa-140	<1.93E+01	0.00E+00	1.93E+01
				Be-7	5.73E+02	1.78E+02	2.07E+02
				K-40	4.66E+03	6.95E+02	3.42E+02
Sample ID:	**614748**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.54E+01	0.00E+00	3.54E+01
				Co-58	<2.16E+01	0.00E+00	2.16E+01
				Fe-59	<6.14E+01	0.00E+00	6.14E+01
				Co-60	<2.85E+01	0.00E+00	2.85E+01
				Zn-65	<6.50E+01	0.00E+00	6.50E+01
				Zr-95	<4.68E+01	0.00E+00	4.68E+01
				Nb-95	<3.69E+01	0.00E+00	3.69E+01
				I-131	<2.16E+01	0.00E+00	2.16E+01
				Cs-134	<4.59E+01	0.00E+00	4.59E+01
				Cs-137	<2.32E+01	0.00E+00	2.32E+01
				BaLa-140	<3.11E+01	0.00E+00	3.11E+01
				Be-7	<3.73E+02	0.00E+00	3.73E+02
				K-40	4.03E+03	7.34E+02	7.19E+01
Sample ID:	**617069**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.63E+01	0.00E+00	1.63E+01
				Co-58	<1.29E+01	0.00E+00	1.29E+01
				Fe-59	<3.30E+01	0.00E+00	3.30E+01
				Co-60	<1.46E+01	0.00E+00	1.46E+01
				Zn-65	<3.03E+01	0.00E+00	3.03E+01
				Zr-95	<2.69E+01	0.00E+00	2.69E+01
				Nb-95	<1.51E+01	0.00E+00	1.51E+01
				I-131	<1.40E+01	0.00E+00	1.40E+01
				Cs-134	<1.62E+01	0.00E+00	1.62E+01
				Cs-137	<1.31E+01	0.00E+00	1.31E+01
				BaLa-140	<1.36E+01	0.00E+00	1.36E+01
				Be-7	1.53E+03	2.18E+02	1.46E+02
				K-40	3.91E+03	4.94E+02	1.74E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 102 [CONTROL - WNW @ 9.89 miles]

Sample ID:	618458	Sample Dates: 9/3/2024 - 9/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.38E+01	0.00E+00	2.38E+01
				Co-58	<1.93E+01	0.00E+00	1.93E+01
				Fe-59	<5.04E+01	0.00E+00	5.04E+01
				Co-60	<2.04E+01	0.00E+00	2.04E+01
				Zn-65	<4.65E+01	0.00E+00	4.65E+01
				Zr-95	<4.80E+01	0.00E+00	4.80E+01
				Nb-95	<2.38E+01	0.00E+00	2.38E+01
				I-131	<1.89E+01	0.00E+00	1.89E+01
				Cs-134	<3.83E+01	0.00E+00	3.83E+01
				Cs-137	<1.62E+01	0.00E+00	1.62E+01
				BaLa-140	<1.84E+01	0.00E+00	1.84E+01
				Be-7	6.94E+02	2.26E+02	3.08E+02
				K-40	7.01E+03	8.62E+02	3.90E+02
Sample ID:	**620702**	**Sample Dates: 10/7/2024 - 10/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.88E+01	0.00E+00	1.88E+01
				Co-58	<1.86E+01	0.00E+00	1.86E+01
				Fe-59	<3.73E+01	0.00E+00	3.73E+01
				Co-60	<2.02E+01	0.00E+00	2.02E+01
				Zn-65	<4.86E+01	0.00E+00	4.86E+01
				Zr-95	<3.29E+01	0.00E+00	3.29E+01
				Nb-95	<1.71E+01	0.00E+00	1.71E+01
				I-131	<1.63E+01	0.00E+00	1.63E+01
				Cs-134	<2.33E+01	0.00E+00	2.33E+01
				Cs-137	<1.94E+01	0.00E+00	1.94E+01
				BaLa-140	<1.95E+01	0.00E+00	1.95E+01
				Be-7	1.79E+03	2.66E+02	1.75E+02
				K-40	1.94E+03	3.68E+02	2.62E+02
Sample ID:	**622286**	**Sample Dates: 11/4/2024 - 11/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.02E+01	0.00E+00	4.02E+01
				Co-58	<4.14E+01	0.00E+00	4.14E+01
				Fe-59	<8.71E+01	0.00E+00	8.71E+01
				Co-60	<4.24E+01	0.00E+00	4.24E+01
				Zn-65	<7.38E+01	0.00E+00	7.38E+01
				Zr-95	<7.65E+01	0.00E+00	7.65E+01
				Nb-95	<3.53E+01	0.00E+00	3.53E+01
				I-131	<3.30E+01	0.00E+00	3.30E+01
				Cs-134	<4.52E+01	0.00E+00	4.52E+01
				Cs-137	<4.19E+01	0.00E+00	4.19E+01
				BaLa-140	<5.43E+01	0.00E+00	5.43E+01
				Be-7	3.17E+03	5.80E+02	4.98E+02
				K-40	6.22E+03	1.04E+03	3.82E+02
Sample ID:	**624088**	**Sample Dates: 12/2/2024 - 12/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.40E+01	0.00E+00	2.40E+01
				Co-58	<2.26E+01	0.00E+00	2.26E+01
				Fe-59	<3.52E+01	0.00E+00	3.52E+01
				Co-60	<2.52E+01	0.00E+00	2.52E+01
				Zn-65	<4.40E+01	0.00E+00	4.40E+01
				Zr-95	<3.68E+01	0.00E+00	3.68E+01
				Nb-95	<2.60E+01	0.00E+00	2.60E+01
				I-131	<2.53E+01	0.00E+00	2.53E+01
				Cs-134	<2.31E+01	0.00E+00	2.31E+01
				Cs-137	<1.85E+01	0.00E+00	1.85E+01
				BaLa-140	<2.99E+01	0.00E+00	2.99E+01
				Be-7	9.10E+02	2.64E+02	3.39E+02
				K-40	3.79E+03	5.99E+02	2.74E+02

Sample Point 120 [INDICATOR - NNE @ 0.46 miles]

Sample ID:	602994	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<3.05E+01	0.00E+00	3.05E+01
				Co-58	<3.14E+01	0.00E+00	3.14E+01
				Fe-59	<5.91E+01	0.00E+00	5.91E+01
				Co-60	<4.43E+01	0.00E+00	4.43E+01
				Zn-65	<6.25E+01	0.00E+00	6.25E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 120 [INDICATOR - NNE @ 0.46 miles]

Sample ID:	602994	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Zr-95	<4.50E+01	0.00E+00	4.50E+01
				Nb-95	<3.14E+01	0.00E+00	3.14E+01
				I-131	<3.25E+01	0.00E+00	3.25E+01
				Cs-134	<3.42E+01	0.00E+00	3.42E+01
				Cs-137	<3.31E+01	0.00E+00	3.31E+01
				BaLa-140	<3.49E+01	0.00E+00	3.49E+01
				Be-7	4.52E+02	2.78E+02	4.20E+02
				K-40	3.53E+03	7.39E+02	5.92E+02
Sample ID:	**604842**	**Sample Dates: 2/5/2024 - 2/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.50E+01	0.00E+00	2.50E+01
				Co-58	<2.76E+01	0.00E+00	2.76E+01
				Fe-59	<3.87E+01	0.00E+00	3.87E+01
				Co-60	<2.24E+01	0.00E+00	2.24E+01
				Zn-65	<4.36E+01	0.00E+00	4.36E+01
				Zr-95	<4.28E+01	0.00E+00	4.28E+01
				Nb-95	<1.64E+01	0.00E+00	1.64E+01
				I-131	<2.55E+01	0.00E+00	2.55E+01
				Cs-134	<3.52E+01	0.00E+00	3.52E+01
				Cs-137	<1.82E+01	0.00E+00	1.82E+01
				BaLa-140	<7.15E+00	0.00E+00	7.15E+00
				Be-7	7.60E+02	2.22E+02	2.42E+02
				K-40	2.24E+03	4.77E+02	1.91E+02
Sample ID:	**607708**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.57E+01	0.00E+00	2.57E+01
				Co-58	<2.34E+01	0.00E+00	2.34E+01
				Fe-59	<4.19E+01	0.00E+00	4.19E+01
				Co-60	<2.25E+01	0.00E+00	2.25E+01
				Zn-65	<4.72E+01	0.00E+00	4.72E+01
				Zr-95	<4.04E+01	0.00E+00	4.04E+01
				Nb-95	<2.54E+01	0.00E+00	2.54E+01
				I-131	<2.38E+01	0.00E+00	2.38E+01
				Cs-134	<2.89E+01	0.00E+00	2.89E+01
				Cs-137	<2.81E+01	0.00E+00	2.81E+01
				BaLa-140	<2.68E+01	0.00E+00	2.68E+01
				Be-7	7.13E+02	1.43E+02	2.10E+02
				K-40	5.29E+03	7.58E+02	4.73E+02
Sample ID:	**610003**	**Sample Dates: 4/1/2024 - 4/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.75E+01	0.00E+00	2.75E+01
				Co-58	<3.05E+01	0.00E+00	3.05E+01
				Fe-59	<5.21E+01	0.00E+00	5.21E+01
				Co-60	<3.42E+01	0.00E+00	3.42E+01
				Zn-65	<3.64E+01	0.00E+00	3.64E+01
				Zr-95	<5.53E+01	0.00E+00	5.53E+01
				Nb-95	<2.20E+01	0.00E+00	2.20E+01
				I-131	<2.91E+01	0.00E+00	2.91E+01
				Cs-134	<4.13E+01	0.00E+00	4.13E+01
				Cs-137	<3.17E+01	0.00E+00	3.17E+01
				BaLa-140	<3.71E+01	0.00E+00	3.71E+01
				Be-7	4.02E+02	2.12E+02	2.89E+02
				K-40	4.16E+03	7.71E+02	7.73E+01
Sample ID:	**611812**	**Sample Dates: 5/6/2024 - 5/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.65E+01	0.00E+00	2.65E+01
				Co-58	<1.88E+01	0.00E+00	1.88E+01
				Fe-59	<4.51E+01	0.00E+00	4.51E+01
				Co-60	<2.22E+01	0.00E+00	2.22E+01
				Zn-65	<4.80E+01	0.00E+00	4.80E+01
				Zr-95	<3.77E+01	0.00E+00	3.77E+01
				Nb-95	<2.05E+01	0.00E+00	2.05E+01
				I-131	<2.13E+01	0.00E+00	2.13E+01
				Cs-134	<2.13E+01	0.00E+00	2.13E+01
				Cs-137	<2.54E+01	0.00E+00	2.54E+01
				BaLa-140	<2.05E+01	0.00E+00	2.05E+01
				Be-7	4.32E+02	1.89E+02	2.73E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 120 [INDICATOR - NNE @ 0.46 miles]

Sample ID:	611812	Sample Dates: 5/6/2024 - 5/6/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				K-40	3.58E+03	5.75E+02	4.19E+02
Sample ID:	**613596**	**Sample Dates: 6/3/2024 - 6/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.49E+01	0.00E+00	1.49E+01
				Co-58	<1.38E+01	0.00E+00	1.38E+01
				Fe-59	<1.76E+01	0.00E+00	1.76E+01
				Co-60	<1.52E+01	0.00E+00	1.52E+01
				Zn-65	<2.65E+01	0.00E+00	2.65E+01
				Zr-95	<2.19E+01	0.00E+00	2.19E+01
				Nb-95	<1.47E+01	0.00E+00	1.47E+01
				I-131	<1.20E+01	0.00E+00	1.20E+01
				Cs-134	<1.68E+01	0.00E+00	1.68E+01
				Cs-137	<1.56E+01	0.00E+00	1.56E+01
				BaLa-140	<1.46E+01	0.00E+00	1.46E+01
				Be-7	5.97E+02	1.41E+02	1.64E+02
				K-40	2.70E+03	3.93E+02	2.41E+02
Sample ID:	**614749**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.34E+01	0.00E+00	3.34E+01
				Co-58	<2.73E+01	0.00E+00	2.73E+01
				Fe-59	<6.20E+01	0.00E+00	6.20E+01
				Co-60	<3.30E+01	0.00E+00	3.30E+01
				Zn-65	<6.41E+01	0.00E+00	6.41E+01
				Zr-95	<3.35E+01	0.00E+00	3.35E+01
				Nb-95	<4.02E+01	0.00E+00	4.02E+01
				I-131	<2.98E+01	0.00E+00	2.98E+01
				Cs-134	<2.84E+01	0.00E+00	2.84E+01
				Cs-137	<3.56E+01	0.00E+00	3.56E+01
				BaLa-140	<4.16E+01	0.00E+00	4.16E+01
				Be-7	5.18E+02	2.77E+02	3.94E+02
				K-40	3.58E+03	7.49E+02	3.88E+02
Sample ID:	**617070**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.07E+01	0.00E+00	2.07E+01
				Co-58	<1.93E+01	0.00E+00	1.93E+01
				Fe-59	<4.58E+01	0.00E+00	4.58E+01
				Co-60	<2.82E+01	0.00E+00	2.82E+01
				Zn-65	<4.35E+01	0.00E+00	4.35E+01
				Zr-95	<4.19E+01	0.00E+00	4.19E+01
				Nb-95	<2.90E+01	0.00E+00	2.90E+01
				I-131	<2.47E+01	0.00E+00	2.47E+01
				Cs-134	<2.78E+01	0.00E+00	2.78E+01
				Cs-137	<2.94E+01	0.00E+00	2.94E+01
				BaLa-140	<2.85E+01	0.00E+00	2.85E+01
				Be-7	1.64E+03	3.01E+02	2.89E+02
				K-40	3.31E+03	5.63E+02	3.88E+02
Sample ID:	**618459**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.94E+01	0.00E+00	2.94E+01
				Co-58	<2.75E+01	0.00E+00	2.75E+01
				Fe-59	<4.88E+01	0.00E+00	4.89E+01
				Co-60	<2.65E+01	0.00E+00	2.65E+01
				Zn-65	<5.29E+01	0.00E+00	5.29E+01
				Zr-95	<3.85E+01	0.00E+00	3.85E+01
				Nb-95	<2.28E+01	0.00E+00	2.28E+01
				I-131	<2.40E+01	0.00E+00	2.40E+01
				Cs-134	<3.60E+01	0.00E+00	3.60E+01
				Cs-137	<2.39E+01	0.00E+00	2.39E+01
				BaLa-140	<3.01E+01	0.00E+00	3.01E+01
				Be-7	2.57E+03	4.07E+02	3.51E+02
				K-40	3.21E+03	5.63E+02	3.35E+02
Sample ID:	**620703**	**Sample Dates: 10/7/2024 - 10/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.14E+01	0.00E+00	3.14E+01
				Co-58	<2.19E+01	0.00E+00	2.19E+01
				Fe-59	<4.98E+01	0.00E+00	4.98E+01
				Co-60	<2.19E+01	0.00E+00	2.19E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 120 [INDICATOR - NNE @ 0.46 miles]

Sample ID:	620703	Sample Dates: 10/7/2024 - 10/7/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Zn-65	<6.22E+01	0.00E+00	6.22E+01
				Zr-95	<4.83E+01	0.00E+00	4.83E+01
				Nb-95	<2.49E+01	0.00E+00	2.49E+01
				I-131	<2.19E+01	0.00E+00	2.19E+01
				Cs-134	<3.16E+01	0.00E+00	3.16E+01
				Cs-137	<3.17E+01	0.00E+00	3.17E+01
				BaLa-140	<2.60E+01	0.00E+00	2.60E+01
				Be-7	1.25E+03	2.74E+02	2.93E+02
				K-40	5.42E+03	7.68E+02	4.39E+02
Sample ID:	622287	Sample Dates: 11/4/2024 - 11/4/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.68E+01	0.00E+00	2.68E+01
				Co-58	<3.00E+01	0.00E+00	3.00E+01
				Fe-59	<3.84E+01	0.00E+00	3.84E+01
				Co-60	<2.91E+01	0.00E+00	2.91E+01
				Zn-65	<7.67E+01	0.00E+00	7.67E+01
				Zr-95	<5.05E+01	0.00E+00	5.05E+01
				Nb-95	<2.81E+01	0.00E+00	2.81E+01
				I-131	<3.10E+01	0.00E+00	3.10E+01
				Cs-134	<3.76E+01	0.00E+00	3.76E+01
				Cs-137	<3.65E+01	0.00E+00	3.65E+01
				BaLa-140	<2.83E+01	0.00E+00	2.83E+01
				Be-7	1.08E+03	2.81E+02	3.11E+02
				K-40	4.06E+03	7.13E+02	4.60E+02
Sample ID:	624089	Sample Dates: 12/2/2024 - 12/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.92E+01	0.00E+00	2.92E+01
				Co-58	<3.06E+01	0.00E+00	3.06E+01
				Fe-59	<5.07E+01	0.00E+00	5.07E+01
				Co-60	<2.54E+01	0.00E+00	2.54E+01
				Zn-65	<6.14E+01	0.00E+00	6.14E+01
				Zr-95	<4.91E+01	0.00E+00	4.91E+01
				Nb-95	<2.75E+01	0.00E+00	2.75E+01
				I-131	<2.89E+01	0.00E+00	2.89E+01
				Cs-134	<3.36E+01	0.00E+00	3.36E+01
				Cs-137	<2.52E+01	0.00E+00	2.52E+01
				BaLa-140	<3.10E+01	0.00E+00	3.10E+01
				Be-7	4.68E+02	2.04E+02	2.79E+02
				K-40	4.91E+03	7.69E+02	4.24E+02

Sample Point 125 [INDICATOR - SW @ 0.38 miles]

Sample ID:	602995	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<3.29E+01	0.00E+00	3.29E+01
				Co-58	<3.15E+01	0.00E+00	3.15E+01
				Fe-59	<4.42E+01	0.00E+00	4.42E+01
				Co-60	<3.36E+01	0.00E+00	3.36E+01
				Zn-65	<7.80E+01	0.00E+00	7.80E+01
				Zr-95	<5.63E+01	0.00E+00	5.63E+01
				Nb-95	<3.03E+01	0.00E+00	3.03E+01
				I-131	<2.73E+01	0.00E+00	2.73E+01
				Cs-134	<3.80E+01	0.00E+00	3.80E+01
				Cs-137	<3.73E+01	0.00E+00	3.73E+01
				BaLa-140	<2.23E+01	0.00E+00	2.23E+01
				Be-7	1.51E+03	3.28E+02	2.99E+02
				K-40	3.48E+03	6.58E+02	3.11E+02
Sample ID:	604843	Sample Dates: 2/5/2024 - 2/5/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.46E+01	0.00E+00	2.46E+01
				Co-58	<2.34E+01	0.00E+00	2.34E+01
				Fe-59	<5.33E+01	0.00E+00	5.33E+01
				Co-60	<2.97E+01	0.00E+00	2.97E+01
				Zn-65	<3.71E+01	0.00E+00	3.71E+01
				Zr-95	<5.47E+01	0.00E+00	5.47E+01
				Nb-95	<2.52E+01	0.00E+00	2.52E+01
				I-131	<2.07E+01	0.00E+00	2.07E+01
				Cs-134	<2.97E+01	0.00E+00	2.97E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 125 [INDICATOR - SW @ 0.38 miles]

Sample ID:	604843	Sample Dates: 2/5/2024 - 2/5/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-137	<2.65E+01	0.00E+00	2.65E+01
				BaLa-140	<2.35E+01	0.00E+00	2.35E+01
				Be-7	1.60E+03	3.22E+02	2.98E+02
				K-40	3.23E+03	5.88E+02	2.97E+02
Sample ID:	**607709**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.46E+01	0.00E+00	2.46E+01
				Co-58	<2.08E+01	0.00E+00	2.08E+01
				Fe-59	<4.87E+01	0.00E+00	4.87E+01
				Co-60	<2.64E+01	0.00E+00	2.64E+01
				Zn-65	<5.79E+01	0.00E+00	5.79E+01
				Zr-95	<3.61E+01	0.00E+00	3.61E+01
				Nb-95	<2.24E+01	0.00E+00	2.24E+01
				I-131	<2.50E+01	0.00E+00	2.50E+01
				Cs-134	<2.70E+01	0.00E+00	2.70E+01
				Cs-137	<1.43E+01	0.00E+00	1.43E+01
				BaLa-140	<2.08E+01	0.00E+00	2.08E+01
				Be-7	2.25E+03	3.59E+02	3.07E+02
				K-40	2.81E+03	5.11E+02	3.55E+02
Sample ID:	**610004**	**Sample Dates: 4/1/2024 - 4/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.02E+01	0.00E+00	3.02E+01
				Co-58	<1.89E+01	0.00E+00	1.89E+01
				Fe-59	<3.84E+01	0.00E+00	3.84E+01
				Co-60	<6.33E+00	0.00E+00	6.33E+00
				Zn-65	<6.10E+01	0.00E+00	6.10E+01
				Zr-95	<3.58E+01	0.00E+00	3.58E+01
				Nb-95	<2.39E+01	0.00E+00	2.39E+01
				I-131	<2.07E+01	0.00E+00	2.07E+01
				Cs-134	<3.39E+01	0.00E+00	3.39E+01
				Cs-137	<2.94E+01	0.00E+00	2.94E+01
				BaLa-140	<2.09E+01	0.00E+00	2.09E+01
				Be-7	1.55E+03	3.12E+02	2.45E+02
				K-40	4.81E+03	7.79E+02	6.36E+01
Sample ID:	**611813**	**Sample Dates: 5/6/2024 - 5/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.64E+01	0.00E+00	1.64E+01
				Co-58	<1.53E+01	0.00E+00	1.53E+01
				Fe-59	<3.55E+01	0.00E+00	3.55E+01
				Co-60	<1.79E+01	0.00E+00	1.79E+01
				Zn-65	<3.23E+01	0.00E+00	3.23E+01
				Zr-95	<3.03E+01	0.00E+00	3.03E+01
				Nb-95	<1.26E+01	0.00E+00	1.26E+01
				I-131	<1.56E+01	0.00E+00	1.56E+01
				Cs-134	<1.73E+01	0.00E+00	1.73E+01
				Cs-137	<1.50E+01	0.00E+00	1.50E+01
				BaLa-140	<1.32E+01	0.00E+00	1.32E+01
				Be-7	5.39E+02	9.89E+01	1.50E+02
				K-40	3.18E+03	4.54E+02	2.30E+02
Sample ID:	**613597**	**Sample Dates: 6/3/2024 - 6/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.63E+01	0.00E+00	2.63E+01
				Co-58	<2.86E+01	0.00E+00	2.86E+01
				Fe-59	<7.27E+01	0.00E+00	7.27E+01
				Co-60	<3.15E+01	0.00E+00	3.15E+01
				Zn-65	<7.61E+01	0.00E+00	7.61E+01
				Zr-95	<4.51E+01	0.00E+00	4.51E+01
				Nb-95	<2.38E+01	0.00E+00	2.38E+01
				I-131	<2.61E+01	0.00E+00	2.61E+01
				Cs-134	<3.38E+01	0.00E+00	3.38E+01
				Cs-137	<1.73E+01	0.00E+00	1.73E+01
				BaLa-140	<2.86E+01	0.00E+00	2.86E+01
				Be-7	9.19E+02	2.95E+02	3.67E+02
				K-40	7.29E+03	1.04E+03	3.03E+02
Sample ID:	**614750**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.74E+01	0.00E+00	2.74E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 125 [INDICATOR - SW @ 0.38 miles]

Sample ID:	614750	Sample Dates: 7/1/2024 - 7/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Co-58	<1.78E+01	0.00E+00	1.78E+01
				Fe-59	<5.71E+01	0.00E+00	5.71E+01
				Co-60	<4.47E+01	0.00E+00	4.47E+01
				Zn-65	<7.80E+01	0.00E+00	7.80E+01
				Zr-95	<4.99E+01	0.00E+00	4.99E+01
				Nb-95	<2.22E+01	0.00E+00	2.22E+01
				I-131	<2.99E+01	0.00E+00	2.99E+01
				Cs-134	<3.46E+01	0.00E+00	3.46E+01
				Cs-137	<2.66E+01	0.00E+00	2.66E+01
				BaLa-140	<3.83E+01	0.00E+00	3.83E+01
				Be-7	4.08E+02	2.11E+02	2.85E+02
				K-40	3.21E+03	7.30E+02	5.96E+02
Sample ID:	**617071**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.23E+01	0.00E+00	2.23E+01
				Co-58	<2.27E+01	0.00E+00	2.27E+01
				Fe-59	<4.51E+01	0.00E+00	4.51E+01
				Co-60	<2.13E+01	0.00E+00	2.13E+01
				Zn-65	<4.42E+01	0.00E+00	4.42E+01
				Zr-95	<3.02E+01	0.00E+00	3.02E+01
				Nb-95	<2.12E+01	0.00E+00	2.12E+01
				I-131	<2.31E+01	0.00E+00	2.31E+01
				Cs-134	<2.65E+01	0.00E+00	2.65E+01
				Cs-137	<2.16E+01	0.00E+00	2.16E+01
				BaLa-140	<2.73E+01	0.00E+00	2.73E+01
				Be-7	2.63E+03	3.74E+02	2.71E+02
				K-40	4.52E+03	6.35E+02	2.71E+02
Sample ID:	**618460**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.09E+01	0.00E+00	3.09E+01
				Co-58	<3.12E+01	0.00E+00	3.12E+01
				Fe-59	<6.25E+01	0.00E+00	6.25E+01
				Co-60	<3.38E+01	0.00E+00	3.38E+01
				Zn-65	<6.30E+01	0.00E+00	6.30E+01
				Zr-95	<4.40E+01	0.00E+00	4.40E+01
				Nb-95	<2.78E+01	0.00E+00	2.78E+01
				I-131	<2.96E+01	0.00E+00	2.96E+01
				Cs-134	<3.27E+01	0.00E+00	3.27E+01
				Cs-137	<3.12E+01	0.00E+00	3.12E+01
				BaLa-140	<3.24E+01	0.00E+00	3.24E+01
				Be-7	2.31E+03	4.00E+02	3.63E+02
				K-40	4.67E+03	7.27E+02	3.96E+02
Sample ID:	**620704**	**Sample Dates: 10/7/2024 - 10/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.87E+01	0.00E+00	1.87E+01
				Co-58	<1.59E+01	0.00E+00	1.59E+01
				Fe-59	<3.49E+01	0.00E+00	3.49E+01
				Co-60	<2.25E+01	0.00E+00	2.25E+01
				Zn-65	<3.77E+01	0.00E+00	3.77E+01
				Zr-95	<3.37E+01	0.00E+00	3.37E+01
				Nb-95	<1.74E+01	0.00E+00	1.74E+01
				I-131	<2.12E+01	0.00E+00	2.12E+01
				Cs-134	<2.49E+01	0.00E+00	2.49E+01
				Cs-137	<2.34E+01	0.00E+00	2.34E+01
				BaLa-140	<2.23E+01	0.00E+00	2.23E+01
				Be-7	2.26E+03	3.34E+02	2.67E+02
				K-40	3.60E+03	5.42E+02	3.02E+02
Sample ID:	**622288**	**Sample Dates: 11/4/2024 - 11/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.82E+01	0.00E+00	2.82E+01
				Co-58	<2.85E+01	0.00E+00	2.85E+01
				Fe-59	<5.70E+01	0.00E+00	5.70E+01
				Co-60	<2.86E+01	0.00E+00	2.86E+01
				Zn-65	<5.57E+01	0.00E+00	5.57E+01
				Zr-95	<4.02E+01	0.00E+00	4.02E+01
				Nb-95	<2.59E+01	0.00E+00	2.59E+01
				I-131	<2.84E+01	0.00E+00	2.84E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 125 [INDICATOR - SW @ 0.38 miles]

Sample ID:	622288	Sample Dates: 11/4/2024 - 11/4/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<3.41E+01	0.00E+00	3.41E+01
				Cs-137	<2.80E+01	0.00E+00	2.80E+01
				BaLa-140	<2.53E+01	0.00E+00	2.53E+01
				Be-7	1.36E+03	3.08E+02	3.53E+02
				K-40	3.93E+03	6.30E+02	3.18E+02
Sample ID:	**624090**	**Sample Dates: 12/2/2024 - 12/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.97E+01	0.00E+00	1.97E+01
				Co-58	<1.96E+01	0.00E+00	1.96E+01
				Fe-59	<3.89E+01	0.00E+00	3.89E+01
				Co-60	<2.31E+01	0.00E+00	2.31E+01
				Zn-65	<3.87E+01	0.00E+00	3.87E+01
				Zr-95	<3.39E+01	0.00E+00	3.39E+01
				Nb-95	<1.85E+01	0.00E+00	1.85E+01
				I-131	<1.87E+01	0.00E+00	1.87E+01
				Cs-134	<2.51E+01	0.00E+00	2.51E+01
				Cs-137	<1.95E+01	0.00E+00	1.95E+01
				BaLa-140	<2.05E+01	0.00E+00	2.05E+01
				Be-7	5.37E+02	1.90E+02	2.59E+02
				K-40	3.59E+03	5.52E+02	3.57E+02

Sample Point 193 [INDICATOR - N @ 0.19 miles]

Sample ID:	602996	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.75E+01	0.00E+00	2.75E+01
				Co-58	<2.03E+01	0.00E+00	2.03E+01
				Fe-59	<4.61E+01	0.00E+00	4.61E+01
				Co-60	<2.80E+01	0.00E+00	2.80E+01
				Zn-65	<5.49E+01	0.00E+00	5.49E+01
				Zr-95	<4.41E+01	0.00E+00	4.41E+01
				Nb-95	<2.36E+01	0.00E+00	2.36E+01
				I-131	<2.79E+01	0.00E+00	2.79E+01
				Cs-134	<2.67E+01	0.00E+00	2.67E+01
				Cs-137	<2.10E+01	0.00E+00	2.10E+01
				BaLa-140	<4.01E+01	0.00E+00	4.01E+01
				Be-7	1.76E+03	3.52E+02	3.43E+02
				K-40	4.34E+03	7.39E+02	4.99E+02
Sample ID:	**604844**	**Sample Dates: 2/5/2024 - 2/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.60E+01	0.00E+00	2.60E+01
				Co-58	<2.58E+01	0.00E+00	2.58E+01
				Fe-59	<5.85E+01	0.00E+00	5.85E+01
				Co-60	<4.74E+01	0.00E+00	4.74E+01
				Zn-65	<9.60E+01	0.00E+00	9.60E+01
				Zr-95	<5.17E+01	0.00E+00	5.17E+01
				Nb-95	<2.99E+01	0.00E+00	2.99E+01
				I-131	<3.09E+01	0.00E+00	3.09E+01
				Cs-134	<3.79E+01	0.00E+00	3.79E+01
				Cs-137	<2.93E+01	0.00E+00	2.93E+01
				BaLa-140	<3.45E+01	0.00E+00	3.45E+01
				Be-7	2.24E+03	4.35E+02	3.96E+02
				K-40	4.19E+03	7.76E+02	4.73E+02
Sample ID:	**607710**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.46E+01	0.00E+00	1.46E+01
				Co-58	<1.68E+01	0.00E+00	1.68E+01
				Fe-59	<3.07E+01	0.00E+00	3.07E+01
				Co-60	<2.31E+01	0.00E+00	2.31E+01
				Zn-65	<3.81E+01	0.00E+00	3.81E+01
				Zr-95	<3.22E+01	0.00E+00	3.22E+01
				Nb-95	<1.55E+01	0.00E+00	1.55E+01
				I-131	<1.78E+01	0.00E+00	1.78E+01
				Cs-134	<1.99E+01	0.00E+00	1.99E+01
				Cs-137	<1.92E+01	0.00E+00	1.92E+01
				BaLa-140	<2.13E+01	0.00E+00	2.13E+01
				Be-7	2.38E+03	3.19E+02	1.89E+02
				K-40	3.75E+03	5.20E+02	2.67E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 193 [INDICATOR - N @ 0.19 miles]

Sample ID:	610005	Sample Dates: 4/1/2024 - 4/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.95E+01	0.00E+00	2.95E+01
				Co-58	<2.66E+01	0.00E+00	2.66E+01
				Fe-59	<4.73E+01	0.00E+00	4.73E+01
				Co-60	<2.54E+01	0.00E+00	2.54E+01
				Zn-65	<6.17E+01	0.00E+00	6.17E+01
				Zr-95	<3.90E+01	0.00E+00	3.90E+01
				Nb-95	<1.83E+01	0.00E+00	1.83E+01
				I-131	<2.34E+01	0.00E+00	2.34E+01
				Cs-134	<2.58E+01	0.00E+00	2.58E+01
				Cs-137	<2.23E+01	0.00E+00	2.23E+01
				BaLa-140	<2.10E+01	0.00E+00	2.10E+01
				Be-7	1.18E+03	2.96E+02	3.08E+02
				K-40	5.12E+03	8.29E+02	3.21E+02
Sample ID:	**611814**	**Sample Dates: 5/6/2024 - 5/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.66E+01	0.00E+00	1.66E+01
				Co-58	<1.51E+01	0.00E+00	1.51E+01
				Fe-59	<3.35E+01	0.00E+00	3.35E+01
				Co-60	<1.82E+01	0.00E+00	1.82E+01
				Zn-65	<4.44E+01	0.00E+00	4.44E+01
				Zr-95	<3.39E+01	0.00E+00	3.39E+01
				Nb-95	<1.58E+01	0.00E+00	1.58E+01
				I-131	<1.61E+01	0.00E+00	1.61E+01
				Cs-134	<2.22E+01	0.00E+00	2.22E+01
				Cs-137	<1.75E+01	0.00E+00	1.75E+01
				BaLa-140	<1.63E+01	0.00E+00	1.63E+01
				Be-7	1.43E+03	2.33E+02	2.02E+02
				K-40	5.89E+03	6.93E+02	3.08E+02
Sample ID:	**613598**	**Sample Dates: 6/3/2024 - 6/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.33E+01	0.00E+00	2.33E+01
				Co-58	<1.57E+01	0.00E+00	1.57E+01
				Fe-59	<3.98E+01	0.00E+00	3.98E+01
				Co-60	<2.81E+01	0.00E+00	2.81E+01
				Zn-65	<4.47E+01	0.00E+00	4.47E+01
				Zr-95	<3.30E+01	0.00E+00	3.30E+01
				Nb-95	<2.34E+01	0.00E+00	2.34E+01
				I-131	<2.12E+01	0.00E+00	2.12E+01
				Cs-134	<2.75E+01	0.00E+00	2.75E+01
				Cs-137	<2.68E+01	0.00E+00	2.68E+01
				BaLa-140	<3.29E+01	0.00E+00	3.29E+01
				Be-7	1.39E+03	2.86E+02	2.26E+02
				K-40	4.57E+03	7.35E+02	2.60E+02
Sample ID:	**614751**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.25E+01	0.00E+00	3.25E+01
				Co-58	<2.72E+01	0.00E+00	2.72E+01
				Fe-59	<7.30E+01	0.00E+00	7.30E+01
				Co-60	<3.06E+01	0.00E+00	3.06E+01
				Zn-65	<6.97E+01	0.00E+00	6.97E+01
				Zr-95	<5.29E+01	0.00E+00	5.29E+01
				Nb-95	<3.22E+01	0.00E+00	3.22E+01
				I-131	<2.75E+01	0.00E+00	2.75E+01
				Cs-134	<2.36E+01	0.00E+00	2.36E+01
				Cs-137	<3.80E+01	0.00E+00	3.80E+01
				BaLa-140	<2.64E+01	0.00E+00	2.64E+01
				Be-7	1.08E+03	3.16E+02	3.55E+02
				K-40	4.42E+03	8.44E+02	5.53E+02
Sample ID:	**617072**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.37E+01	0.00E+00	1.37E+01
				Co-58	<1.18E+01	0.00E+00	1.18E+01
				Fe-59	<3.22E+01	0.00E+00	3.22E+01
				Co-60	<1.72E+01	0.00E+00	1.72E+01
				Zn-65	<3.66E+01	0.00E+00	3.66E+01
				Zr-95	<2.50E+01	0.00E+00	2.50E+01
				Nb-95	<1.82E+01	0.00E+00	1.82E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg

Sample Point 193 [INDICATOR - N @ 0.19 miles]

Sample ID:	617072	Sample Dates: 8/5/2024 - 8/5/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				I-131	<1.72E+01	0.00E+00	1.72E+01
				Cs-134	<1.69E+01	0.00E+00	1.69E+01
				Cs-137	<1.61E+01	0.00E+00	1.61E+01
				BaLa-140	<1.33E+01	0.00E+00	1.33E+01
				Be-7	2.17E+03	2.31E+02	1.43E+02
				K-40	5.21E+03	6.23E+02	2.75E+02
Sample ID:	**618461**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.81E+01	0.00E+00	2.81E+01
				Co-58	<2.52E+01	0.00E+00	2.52E+01
				Fe-59	<5.29E+01	0.00E+00	5.29E+01
				Co-60	<2.65E+01	0.00E+00	2.65E+01
				Zn-65	<5.89E+01	0.00E+00	5.89E+01
				Zr-95	<4.20E+01	0.00E+00	4.20E+01
				Nb-95	<2.63E+01	0.00E+00	2.63E+01
				I-131	<2.59E+01	0.00E+00	2.59E+01
				Cs-134	<3.34E+01	0.00E+00	3.34E+01
				Cs-137	<2.25E+01	0.00E+00	2.25E+01
				BaLa-140	<7.31E+00	0.00E+00	7.31E+00
				Be-7	1.10E+03	2.66E+02	2.72E+02
				K-40	5.15E+03	8.01E+02	3.94E+02
Sample ID:	**620705**	**Sample Dates: 10/7/2024 - 10/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.52E+01	0.00E+00	2.52E+01
				Co-58	<2.60E+01	0.00E+00	2.60E+01
				Fe-59	<5.03E+01	0.00E+00	5.03E+01
				Co-60	<2.54E+01	0.00E+00	2.54E+01
				Zn-65	<5.66E+01	0.00E+00	5.66E+01
				Zr-95	<3.61E+01	0.00E+00	3.61E+01
				Nb-95	<2.19E+01	0.00E+00	2.19E+01
				I-131	<2.05E+01	0.00E+00	2.05E+01
				Cs-134	<3.27E+01	0.00E+00	3.27E+01
				Cs-137	<2.54E+01	0.00E+00	2.54E+01
				BaLa-140	<2.75E+01	0.00E+00	2.75E+01
				Be-7	2.34E+03	3.75E+02	3.22E+02
				K-40	5.45E+03	7.48E+02	3.52E+02
Sample ID:	**622289**	**Sample Dates: 11/4/2024 - 11/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.61E+01	0.00E+00	1.61E+01
				Co-58	<1.54E+01	0.00E+00	1.54E+01
				Fe-59	<3.95E+01	0.00E+00	3.95E+01
				Co-60	<2.49E+01	0.00E+00	2.49E+01
				Zn-65	<3.82E+01	0.00E+00	3.82E+01
				Zr-95	<3.36E+01	0.00E+00	3.36E+01
				Nb-95	<1.94E+01	0.00E+00	1.94E+01
				I-131	<1.90E+01	0.00E+00	1.90E+01
				Cs-134	<2.45E+01	0.00E+00	2.45E+01
				Cs-137	<1.98E+01	0.00E+00	1.98E+01
				BaLa-140	<2.48E+01	0.00E+00	2.48E+01
				Be-7	9.26E+02	2.19E+02	2.61E+02
				K-40	4.42E+03	6.07E+02	3.45E+02
Sample ID:	**624091**	**Sample Dates: 12/2/2024 - 12/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.48E+01	0.00E+00	1.48E+01
				Co-58	<1.25E+01	0.00E+00	1.25E+01
				Fe-59	<3.04E+01	0.00E+00	3.04E+01
				Co-60	<1.76E+01	0.00E+00	1.76E+01
				Zn-65	<4.09E+01	0.00E+00	4.09E+01
				Zr-95	<2.31E+01	0.00E+00	2.31E+01
				Nb-95	<1.56E+01	0.00E+00	1.56E+01
				I-131	<1.61E+01	0.00E+00	1.61E+01
				Cs-134	<1.46E+01	0.00E+00	1.46E+01
				Cs-137	<1.26E+01	0.00E+00	1.26E+01
				BaLa-140	<1.34E+01	0.00E+00	1.34E+01
				Be-7	8.38E+02	1.66E+02	1.57E+02
				K-40	4.35E+03	5.60E+02	2.70E+02

APPENDIX F

ERRATA TO PREVIOUS REPORTS

There are no errata to be appended to the
2024 McGuire Nuclear Station AREOR.

Enclosure 5
RA-25-0096

ENCLOSURE 5: ONS Annual Radiological Environmental Operating Report

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

DUKE ENERGY CORPORATION
OCONEE NUCLEAR STATION
Units 1, 2, and 3

2024

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LIST OF ACRONYMS USED IN THIS TEXT *(in alphabetical order)*

A	Annually
AP	Air Particulate
AR	Air Radioiodine/ Air Cartridge
AREOR	Annual Radiological Environmental Operating Report
BLV	Broadleaf Vegetation
C	Control
CM	Community
CR	Condition Report (analogous to Nuclear Condition Report (NCR))
EZA	Eckert & Ziegler Analytics
FI	Fish
FP	Food Product
GEL	General Engineering Laboratories, LLC
GPS	Global Positioning System
GW	Ground Water
I	Indicator
IR	Inner Ring - TLDs
ISFSI	Independent Spent Fuel Storage Installation
LLD	Lower Limit of Detection
M	Monthly
MAPEP	Department of Energy Mixed Analyte Performance Evaluation Program
MDA	Minimum Detectable Activity
mR	milliroentgen
mR/Std Qtr	milliroentgen per standard quarter
MWe	Megawatt (electrical)
NCR	Nuclear Condition Report (analogous to Condition Report (CR))
NIST	National Institute of Standards and Technology
NRC	Nuclear Regulatory Commission
ODCM	Off-Site Dose Calculation Manual
OR	Outer Ring - TLDs
pCi/kg	picocurie per kilogram
pCi/l	picocurie per liter
pCi/m^3	picocurie per cubic meter
PI	Power Interrupt
Q	Quarterly
REMP	Radiological Environmental Monitoring Program
SA	Semiannually
SB	Site Boundary
SS	Sediment – Shoreline
SI	Special Interest - TLDs
SW	Surface Water
TECH SPECs	Technical Specifications
TLD	Thermoluminescent Dosimeter
UFSAR	Updated Final Safety Analysis Report
W	Weekly

1.0 EXECUTIVE SUMMARY

This Annual Radiological Environmental Operating Report describes the Oconee Nuclear Station (ONS) Radiological Environmental Monitoring Program (REMP), and the program results for the calendar year 2024.

Included in the report are the identification of sampling locations, descriptions of environmental sampling and analysis procedures, comparisons of present environmental radioactivity levels and pre-operational environmental data, analysis of trends in environmental radiological data as potentially affected by station operations, and a summary of environmental radiological sampling results. Quality assurance practices and program changes are also discussed.

Sampling activities were conducted as prescribed by Offsite Dose Calculations Manual (ODCM) and Selected Licensee Commitments (SLCs). Required analyses were performed and detection capabilities were met for all collected samples as required by SLCs. One-Thousand-twenty-one samples were analyzed comprising 1060 test results in order to compile data for the 2024 report. Based on the 2024 annual land use census, Goat Milk Location 073 in the East sector at 2.79 miles and Community Air location 094 in the West sector at 0.29 miles were added to the program in 2024.

Concentrations observed in the environment in 2024 for station related radionuclides were within the ranges of concentrations observed in the past. Inspection of data showed that radioactivity concentrations in drinking water and surface water are higher than the activities reported for samples collected at control locations. All positively identified measurements attributable to station operation were within limits as specified in SLCs.

The continued operation of ONS has not contributed measurable radiation or the presence of gamma radioactivity in the environmental media monitored. The surface water and drinking water samples revealed tritium concentrations that are well within the applicable regulatory limits. The radiological environmental data for 2024 indicates that radioactivity concentrations were not higher than expected and all positively identified measurements attributable to ONS operations in 2024 were within limits as specified in the ONS ODCM, thus presenting no significant impact on the environment or public safety.

2.0 INTRODUCTION

2.1 SITE DESCRIPTION AND SAMPLE LOCATIONS

Oconee Nuclear Station (ONS) is located in Oconee County, South Carolina, approximately 8 miles northeast of Seneca, South Carolina, on the shore of Lake Keowee. This lake was formed by damming the Keowee and Little Rivers in that location. Immediately to the south is the U.S. Government Hartwell Project. The Keowee Hydroelectric Plant near the station joins Lake Keowee and the upper reaches of Lake Hartwell. To the north, the Jocassee Hydroelectric Plant joins Lake Jocassee and Lake Keowee. Jocassee is a pumped storage plant.

ONS consists of three pressurized water reactors. Each unit has an output of 846 megawatts net. Unit 1 license for operation was issued 2/6/1973. Unit 2 license for operation was issued 10/6/1973. Unit 3 license for operation was issued 7/19/1974. An independent spent fuel storage installation is also located at the site.

The Oconee site centerline used for GPS measurements was referenced from the Oconee Nuclear Station Updated Final Safety Analysis Report (UFSAR), section 2.1.1.1, Specification of Location. Waypoint coordinates used for ONS GPS measurements were latitude 34°-47'-38.2"N and longitude 82°-53'-55.4"W. Maps and tables were generated using North American Datum (NAD) 27. Data normally reflect accuracy to within 2 to 5 meters from point of measurement. GPS field measurements were taken as close as possible to the item of interest. Distances for the locations are displayed using three significant figures.

Figures 2.1-1, 2.1-2, and 2.1-3 are maps depicting the Thermoluminescent Dosimeter (TLD) monitoring locations and the sampling locations. The location numbers shown on these maps correspond to those listed in Tables 2.1-A and 2.1-B. Figure 2.1-1 comprises all sample locations within a one mile radius of ONS. Figure 2.1-2 comprises all sample locations within a one and ten mile radius of ONS. Figure 2.1-3 comprises all sample locations greater than a ten mile radius of ONS.

2.2 SCOPE AND REQUIREMENTS OF THE REMP

A Radiological Environmental Monitoring Program (REMP) has been in effect at Oconee Nuclear Station since 1969, four years prior to operation of Unit 1 in 1973. The preoperational program provides data on the existing environmental radioactivity levels for the site and vicinity which may be used to determine whether increases in environmental levels are attributable to the station. The operational program provides surveillance and backup support of detailed effluent monitoring which is necessary to evaluate the significance, if any, of the contributions to the existing environmental radioactivity levels that result from station operation.

This monitoring program is based on NRC guidance as reflected in the Selected Licensee Commitments Manual, with regard to sample media, sampling locations, sampling frequency, and analytical sensitivity requirements. Indicator and control locations were established for comparison purposes to distinguish radioactivity of station origin from natural or other “man-

made" environmental radioactivity. The environmental monitoring program also verifies projected and anticipated radionuclide concentrations in the environment and related exposures from releases of radionuclides from Oconee Nuclear Station. This program satisfies the requirements of Section IV.B.2 of Appendix I to 10CFR50 and 10CFR72.44(d)(2) and provides surveillance of all appropriate critical exposure pathways to man and protects vital interests of the company, public, and state and federal agencies concerned with the environment. Reporting levels for radioactivity found in environmental samples are listed in Table 2.2-A. Table 2.2-B lists the REMP analysis and frequency schedule.

The Annual Land Use Census, required by Selected Licensee Commitments, is performed to ensure that changes in the use of areas at or beyond the site boundary are identified and that modifications to the Radiological Environmental Monitoring Program are made if required by changes in land use. This census satisfies the requirements of Section IV.B.3 of Appendix I to 10CFR50. Results are shown in Table 3.9.

Participation in an interlaboratory comparison program as required by Selected Licensee Commitments provides for independent checks on the precision and accuracy of measurements of radioactive material in REMP sample matrices. Such checks are performed as part of the quality assurance program for environmental monitoring in order to demonstrate that the results are valid for the purposes of Section IV.B.2 of Appendix I to 10CFR50. A summary of the results obtained as part of this comparison program are in Section 4 of this annual report.

2.3 STATISTICAL AND CALCULATIONAL METHODOLOGY

2.3.1 ESTIMATION OF THE MEAN VALUE

There was one (1) basic statistical calculation performed on the raw data resulting from the environmental sample analysis program. The calculation involved the determination of the mean value for the indicator and the control samples for each sample medium. The mean is a widely used statistic. This value was used in the reduction of the data generated by the sampling and analysis of the various media in the Radiological Environmental Monitoring Program. "Net activity (or concentration)" is the activity (or concentration) determined to be present in the sample. No "Minimum Detectable Activity", "Lower Limit of Detection", "Less Than Level", or negative activities or concentrations are included in the calculation of the mean. The following equation was used to estimate the mean:

$$\overline{x} = \frac{\sum_{i=1}^{N} x_i}{N}$$

Where:

$\overline{x}$ = estimate of the mean,
i = individual sample,
N = total number of samples with a net activity (or concentration),
χ_i = net activity (or concentration) for sample i.

2.3.2 LOWER LIMIT OF DETECTION AND MINIMUM DETECTABLE ACTIVITY

The Lower Limit of Detection (LLD) and Minimum Detectable Activity (MDA) are used throughout the Environmental Monitoring Program.

LLD - The LLD, as defined in the Selected Licensee Commitments Manual is the smallest concentration of radioactive material in a sample that will yield a net count, above the system background, that will be detected with 95% probability with only 5% probability of falsely concluding that a blank observation represents a "real" signal. The LLD is an *a priori* (before the fact) lower limit of detection. The actual LLD is dependent upon the standard deviation of the background counting rate, the counting efficiency, the sample size (mass or volume), the radiochemical yield, and the radioactive decay of the sample between sample collection and counting. The "required" LLDs for each sample medium and selected radionuclides are given in the Selected Licensee Commitments and are listed in Table 2.2-C.

MDA - The MDA is the net counting rate (sample after subtraction of background) that must be surpassed before a sample is considered to contain a scientifically measurable amount of a radioactive material exceeding background amounts. The MDA is calculated using a sample background and may be thought of as an "actual" LLD for a particular sample measurement. Certain gross counting measurements display a calculated negative value, indicating background is greater than sample activity.

2.3.3 TREND IDENTIFICATION

One of the purposes of an environmental monitoring program is to determine if there is a buildup of radionuclides in the environment due to the operation of the nuclear station. Visual inspection of tabular or graphical presentations of data (including preoperational) is used to determine if a trend exists. A decrease in a particular radionuclide's concentration in an environmental medium does not indicate that reactor operations are removing radioactivity from the environment but that reactor operations are not adding that radionuclide to the environment in quantities exceeding the preoperational level and that the normal removal processes (radioactive decay, deposition, resuspension, etc.) are influencing the concentration.

Substantial increases or decreases in the amount of a particular radionuclide's release from the nuclear plant will greatly affect the resulting environmental levels; therefore, a knowledge of the release of a radionuclide from the nuclear plant is necessary to completely interpret the trends, or lack of trends, determined from the environmental data. Some factors that may affect environmental levels of radionuclides include prevailing weather conditions (periods of drought, solar cycles or heavier than normal precipitation), construction in or around either the nuclear plant or the sampling location, and addition or deletion of other sources of radioactive materials (such as the 1986 Chernobyl accident and the 2011 Japan earthquake and tsunami, which triggered the Fukushima Dai-ichi nuclear power plant incident). Some of these factors may be obvious while others are sometimes unknown. Therefore, how trends are identified will include some judgment by plant personnel.

Figure 2.1-1

Oconee Nuclear Station Sampling Locations Map (One Mile Radius)

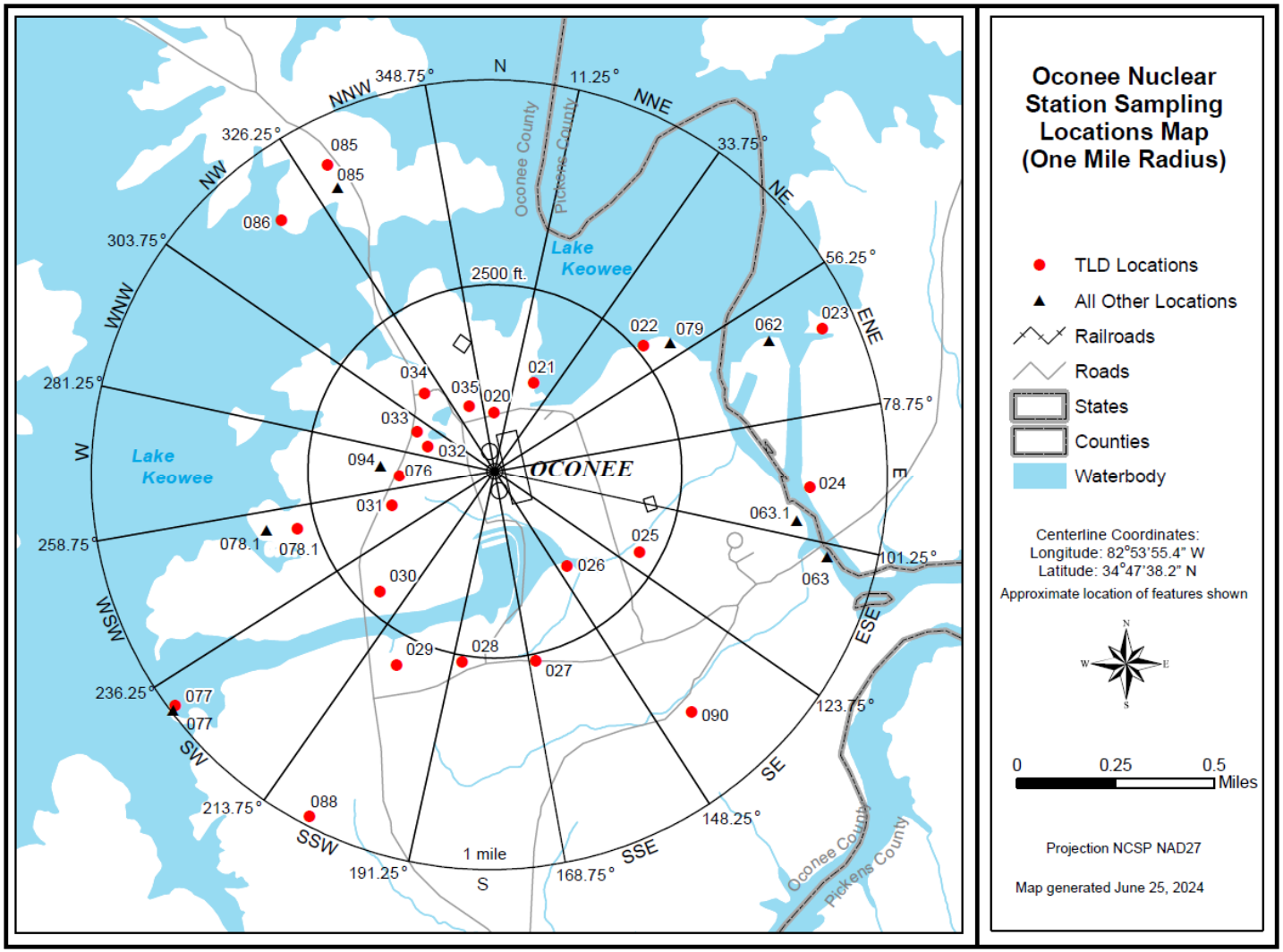


Figure 2.1-2

Oconee Nuclear Station Sampling Locations Map (Ten Mile Radius)

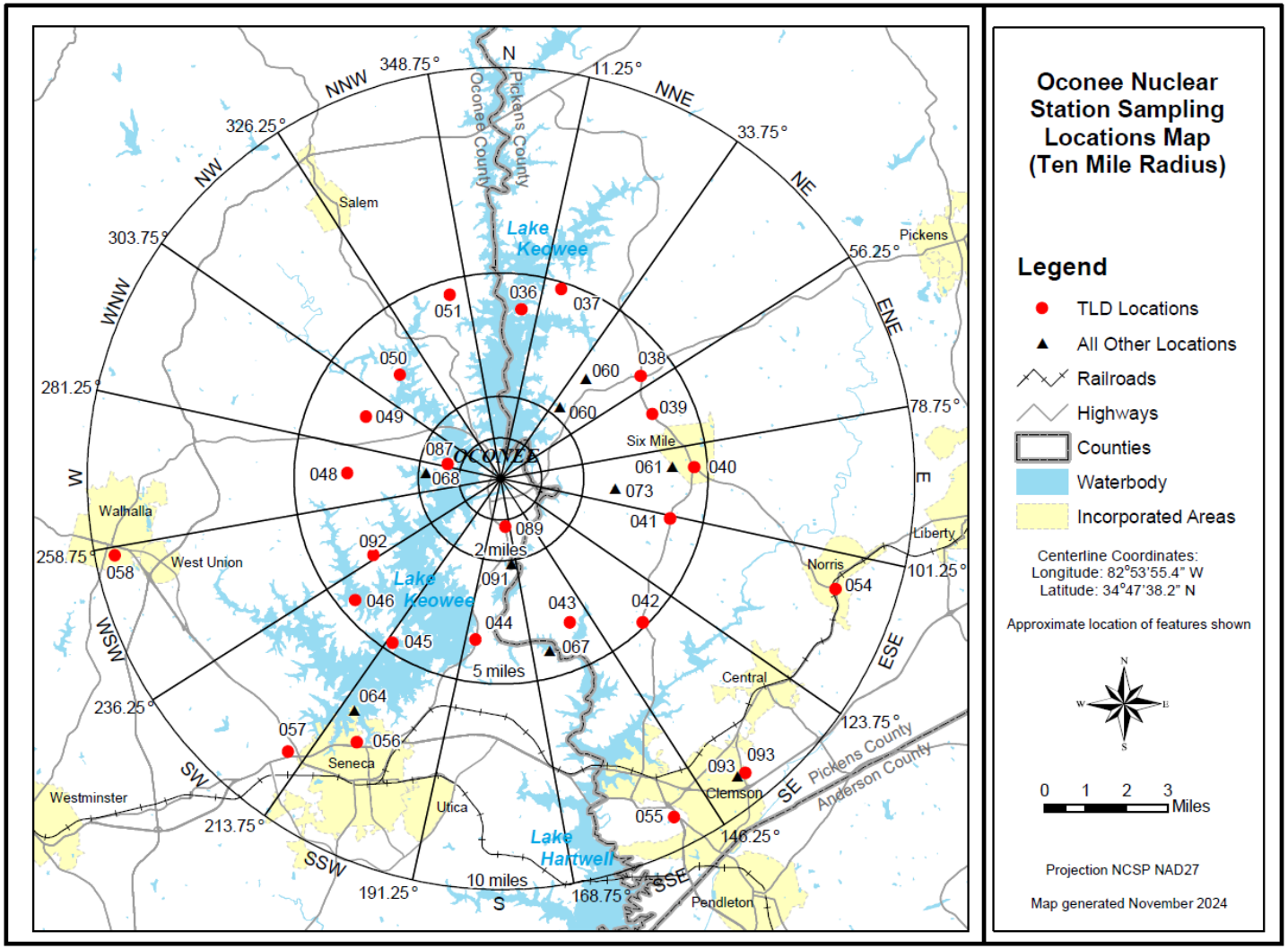


Figure 2.1-3

Oconee Nuclear Station Sampling Locations Map (>10 Mile Radius)

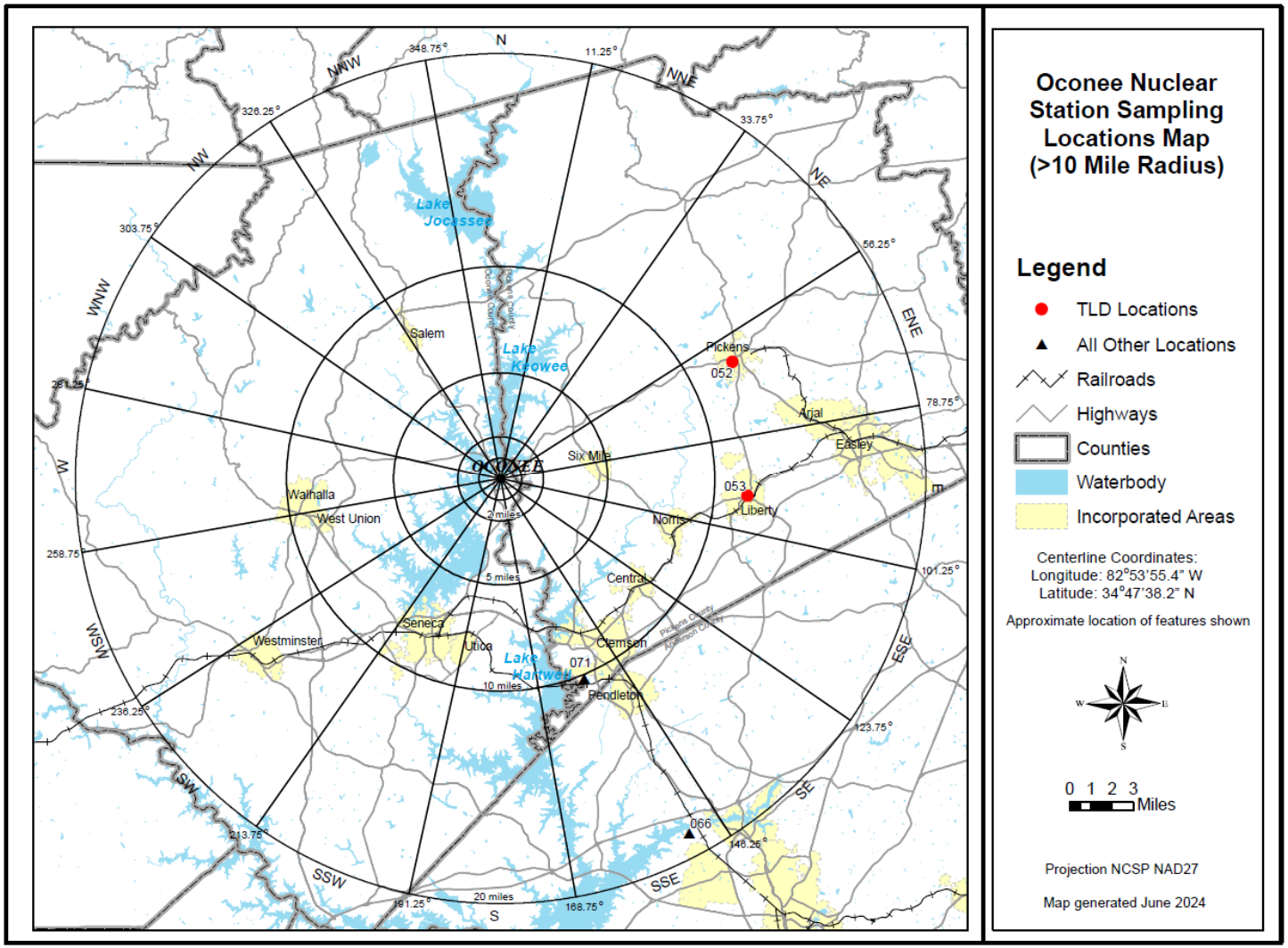


TABLE 2.1-A

OCONEE RADIOLOGICAL MONITORING PROGRAM
SAMPLING LOCATIONS[a]

Table 2.1-A Codes			
BW	BiWeekly	Q	Quarterly
C	Control	SA	Semiannually
CM	Community	SB	Site Boundary
I	Indicator	SM	Semimonthly
M	Monthly	W	Weekly

Site #	Measure Type	Location Description*	Air Rad. & Particulate	Surface Water	Drinking Water	Shoreline Sediment	Fish	Milk[b]	Broadleaf Vegetation
060	I	Greenville Water Intake Road (3.23 NE)			M				
060	C**	Greenville Water Intake Road (2.28 NE)					SA		
061	I	J Anthony, Goat Milk (4.18 E)						SM	
062	C	Lake Keowee Hydro Intake (0.85 mi ENE)		M					
063	I	Lake Hartwell Hwy 183 Bridge (0.80 mi ESE) [000.7]					SA		
063.1	I	Lake Hartwell Hwy 183 (0.79 mi E)		M					
064	C	Seneca Municipal Water Supply (6.67 mi SSW) [004.1]			M				
066	I	Anderson Municipal Water Supply (18.9 mi SSE) [012]			M				
067	I	Lawrence Ramsey Bridge Hwy 27 (4.34 mi SSE) [005.2]				SA	SA		
068	C	High Falls County Park (1.82 mi W)				SA			
073[C]	I	J. Crane Goat Milk (2.79 mi E)						SM	
071	C	Clemson Dairy (10.2 mi SSE) [006.3]						SM	
077	I	Skimmer Wall (1.00 mi SW)	W,SB						M,SB
078.1	I	Recreation Site (0.53 mi WSW)	W,SB						
079	I	Keowee Dam (0.56 mi NE)	W,SB						M, SB
085	I	Lake Services / Building B9125 (0.88 mi NNW)	W						
091	I	Holders Landing Road (2.09 miles S)				SA			
093	C	Clemson Operations Center (9.34 mi SE)	W						M
094[C]	I	ONS Ballfield Substation (0.29 mi W)	W,CM						

(a) Sample locations are identified in the ODCM.
(b) Samples from milking animals in three locations within 5 km distance having the highest dose potential. If there are none, then one sample from milking animals in each of the three areas between 5 to 8 km distant where doses are calculated to be greater than 1 mrem per year. One sample from milking animals at a control location, as for example 15-30 km distant and in the least prevalent wind direction.
(c) Added to REMP as a results of the 2024 LUC in June 2024. Effective with Revision 63 of the ONS ODCM on 12/11/2024.
* GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.
** Control for Fish Only
[ ] Location Numbers prior to 1984

TABLE 2.1-B

OCONEE RADIOLOCICAL MONITORING PROGRAM SAMPLING LOCATIONS (TLD SITES)[a]

Table 2.1-B Codes			
C	Control	OR	Outer Ring
IR	Inner Ring	SI	Special Interest

Site #	Measure Type	Location*	Distance (miles)	Sector	Site #	Measure Type	Location*	Distance (miles)	Sector
020	IR	Site Boundary	0.16	N	044	OR	HWY 130 at Little River Dam	3.96	S
021	IR	Site Boundary	0.25	NNE	045	OR	Terminus of HWY 588 at Crooked Creek	4.78	SSW
022	IR	Site Boundary	0.53	NE	046	OR	HWY 188 at Crooked Creek	4.61	SW
023	IR	Site Boundary	0.93	ENE	048	OR	JCT HWY 175 & 188	3.64	W
024	IR	Site Boundary	0.81	E	049	OR	JCT HWY 201 & 92	3.60	WNW
025	IR	Site Boundary	0.42	ESE	050	OR	Stamp Creek Landing, End of HWY 92	3.53	NW
026	IR	Site Boundary	0.34	SE	051	OR	HWY 128, 1 mile N OF HWY 130	4.64	NNW
027	IR	Site Boundary	0.49	SSE	052	SI	DPC Branch Office Site, Pickens	12.4	ENE
028	IR	Site Boundary	0.46	S	053	SI	DPC Branch Office Site, Liberty	11.7	E
029	IR	Site Boundary	0.56	SSW	054	SI	Post Office - HWY 93 Norris	8.60	ESE
030	IR	Site Boundary	0.42	SW	055	SI	Clemson Meteorology Plot	9.27	SSE
031	IR	Site Boundary	0.27	WSW	056	SI	Water Tower - Seneca	7.30	SSW
076	IR	Site Boundary	0.19	W	057	SI	Oconee Memorial Hospital	8.42	SW
032	IR	Site Boundary	0.19	WNW	058	C	Branch Rd Substation, Walhalla	9.39	WSW
033	IR	Site Boundary	0.21	WNW	077	IR	Skimmer wall shared with air monitoring station	1.00	SW
034	IR	Site Boundary	0.22	NW	078.1	IR	ONS Recreation Site shared with air monitoring station	0.53	WSW
035	IR	Site Boundary	0.17	NNW	085	IR	Lake Services Bldg 9125 shared with air monitoring location	0.88	NNW
036	OR	Mile Creek Landing	4.18	N	086	IR	Lake Keowee Service Rd at Boat Landing	0.83	NW
037	OR	Keowee Church, HWY 327	4.85	NNE	087	IR	End of Waterfall Rd	1.33	WNW
038	OR	Convenience Mart, JCT HWY 183 & 133	4.24	NE	088	IR	Doug Hollow Rd / Transmission Tower	1.00	SSW
039	OR	HWY 133, 1 mile East of JCT HWY 183 & 133	4.02	ENE	089	IR	Intersection Hwy 130 & Keowee River Rd	1.19	S
040	OR	Microwave Tower, Six Mile	4.74	E	090	IR	Crescent Resources, Keowee River Rd at Beaver Dam	0.79	SE
041	OR	JCT HWY 101 & 133	4.25	ESE	092	OR	Hilton Circle stop sign HWY 188	3.62	WSW
042	OR	Lawrence Chapel Church, HWY 133	4.93	SE	093	C	Clemson Operations Center	9.34	SE
043	OR	HWY 291 at Issaqueena Park	4.09	SSE					

* GPS data reflect accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.

a) Sample locations are identified in the ODCM.

TABLE 2.2-A

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES

Analysis	Water (pCi/liter)	Air Particulates or Gases (pCi/m^3)	Fish (pCi/kg-wet)	Milk (pCi/liter)	Broadleaf Vegetation (pCi/kg-wet)
H-3	20,000[a]	---	---	---	---
Mn-54	1,000	---	30,000	---	---
Fe-59	400	---	10,000	---	---
Co-58	1,000	---	30,000	---	---
Co-60	300	---	10,000	---	---
Zn-65	300	---	20,000	---	---
Zr-Nb-95	400	---	---	---	---
I-131	2[b]	0.9	---	3	100
Cs-134	30	10	1,000	60	1,000
Cs-137	50	20	2,000	70	2,000
Ba-La-140	200	---	---	300	---

(a) For drinking water samples only. This is 40CFR Part 141 value.
(b) If low-level I-131 analyses are performed.

TABLE 2.2-B

REMP ANALYSIS FREQUENCY

Sample Medium	Analysis Schedule	Gamma Isotopic	Tritium	Low Level I-131	Gross Beta	TLD
Air Radioiodine	Weekly	X	---	---	---	---
Air Particulate	Weekly	---	---	---	(b)	---
	Quarterly Composite	X	---	---	---	---
Direct Radiation	Quarterly	---	---	---	---	X
Surface Water	Monthly[C]	X	---	---	---	---
	Quarterly Composite[C]	---	X	---	---	---
Drinking Water	Monthly[C]	X	---	(a)	X	---
	Quarterly Composite[C]	---	X	---	---	---
Shoreline Sediment	Semiannually	X	---	---	---	---
Milk	Semimonthly	X	---	X	---	---
Fish	Semiannually	X	---	---	---	---
Broadleaf Vegetation	Monthly	X	---	---	---	---

(a) Low level I-131 analysis will be performed if abnormal releases occur which could reasonably result in > 1 pCi/liter of I-131 in drinking water. An LLD of 1 pCi/liter will be required for this analysis.
(b) Airborne particulate sample filters shall be analyzed for gross beta radioactivity 24 hours or more after sampling to allow radon and thoron daughter decay. If gross beta activity in air particulate samples is greater than 10 times the yearly mean of control samples, gamma isotopic analysis shall be performed on the individual samples.
(c) Composite samples shall be collected by collecting an aliquot at intervals not exceeding 2 hours.

TABLE 2.2-C

MAXIMUM VALUES FOR THE *A PRIORI* LOWER LIMITS OF DETECTION[a]

Analysis[c]	Water (pCi/liter)	Air Particulates or Gases (pCi/m^3)	Fish (pCi/kg-wet)	Milk (pCi/liter)	Broadleaf Vegetation (pCi/kg-wet)	Sediment (pCi/kg-dry)
Gross Beta	4	0.01	---	---	---	---
H-3	2000	---	---	---	---	---
Mn-54	15	---	130	---	---	---
Fe-59	30	---	260	---	---	---
Co-58, 60	15	---	130	---	---	---
Zn-65	30	---	260	---	---	---
Zr-95	15	---	---	---	---	---
Nb-95	15	---	---	---	---	---
I-131	15[b]	0.07	---	1	60	---
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140	15	---	---	15	---	---

(a) LLD is defined in Section 2.3.2.

(b) LLD for gamma isotopic analysis for I-131 in drinking water samples. Low level I-131 analysis on drinking water will not be routinely performed because the calculated dose from I-131 in drinking water at all locations is less than 1 mrem per year. Low level I-131 analyses will be performed if abnormal releases occur which could reasonably result in > 1 pCi/liter of I-131 in drinking water. For low level analyses of I-131 an LLD of 1 pCi/liter will be achieved.

(c) Other peaks which are measurable and identifiable, together with the radionuclides in Table2.2-C, shall be identified and reported.

3.0 INTERPRETATION OF RESULTS

Review of 2024 REMP analysis results was performed to identify changes in environmental levels as a result of station operations. The review is summarized in this section. Data from 2024 was compared to preoperational and historical data. Sample data for some media is not directly comparable to preoperational and earlier operational sample results because of either significant change in the analysis methods or changes in the reporting of the results. Summary tables containing 2024 information required by Technical Specification Administrative Control 5.6.2 are located in Appendix B. REMP results for 2024 are located in Appendix E.

Evaluation for significant trends was performed for the radionuclides that have required LLDs listed in Selected Licensee Commitment 16.11.6. These radionuclides are collectively referred to as "Selected Licensee Commitments radionuclides" and include H-3, Mn-54, Fe-59, Co-58, Co-60, Zn-65, Zr-95, Nb-95, I-131, Cs-134, Cs-137, Ba-140, and La-140. Drinking water gross beta results and air particulate gross beta results are routinely trended. Trending is also performed for other radionuclides that are detected and could have been the result of station effluents. Only Selected Licensee Commitment radionuclides were detected in 2024.

Trending was performed by comparing annual mean concentrations of any effluent related detected radionuclide to historical results. Factors evaluated include the frequency of detection and the concentration in terms of the percent of the radionuclide's SLC reporting level (Table 2.2-A). All maximum percent of reporting level values were well below the 100% action level.

Changes in sample location, analytical technique, and presentation of results must be considered when reviewing for trends. Calculation of the annual mean concentrations has been performed differently over the history of the REMP. During 1979-1986, all net results (sample minus background), positive and negative, were included in the calculation of the mean. Only positive net activity results were used to calculate the mean for the other years. A change in gamma spectroscopy analysis systems in 1987 ended a period when many measurements yielded detectable low-level activity for both indicator and control location samples. It is thought that the method the previous system used to estimate net activity may have been vulnerable to false-positive results.

Review of the 2024 data presented in this section supports the conclusion that there were no significant changes in environmental sample radionuclide concentrations of samples collected and analyzed from ONS and surrounding areas that were attributable to plant operations. The radiological environmental data for 2024 indicates that radioactivity concentrations were not higher than expected and all positively identified measurements attributable to ONS operations in 2024 were within limits as specified in the ONS SLC, thus presenting no significant impact on the environment or public safety.

Data presented in Sections 3.1 - 3.8 support the conclusion that there was no significant increase in radioactivity in the environment around ONS due to station operations in 2024. Similarly, there was no significant increase in ambient background radiation levels in the surrounding areas. The 2024 land use census data, shown in Section 3.9, indicated a new community air sample location and new goat milk location were to be added to the program.

3.1 AIRBORNE RADIOIODINE AND PARTICULATES

Airborne radioiodine and particulate samples at each of six locations were composited continuously by means of continuous air samplers. Air particulates were collected on a particulate filter and radioiodines were collected in a charcoal cartridge positioned behind the filter in the sampler. The samplers are designed to operate at a constant flow rate (in order to compensate for any filter loading) and are set to sample approximately 2 cubic feet per minute. Filters and cartridges were collected weekly.

On June 25, 2024, Air Radioiodine and particulate location 094 was added to the REMP as new supplemental/community location after the 2024 Land use Census identified new closer residents in the west sector (DRR 02518239).

In 2024, 287 continuously composited air radioiodine and particulate samples were collected and analyzed, 235 from five indicator locations and 52 from the control location. Air particulate samples were analyzed weekly for gross beta. A quarterly gamma analysis was performed on the quarterly filter composite (by location). Radioiodine samples received a weekly gamma analysis.

There was no detectable I-131 in air samples in 2024. Table 3.1-A and Table 3.1-B give the highest indicator location annual mean and control location annual mean for I-131 since the preoperational period. The tables show similar historical concentrations for both the indicator and control locations and the activities decreasing from early in the operational history of the plant. No I-131 activity due to ONS plant operations has been detected since 1994.

There were no detectable gamma emitting radionuclides detected in air particulate samples in 2024 due to ONS plant operations. No gamma emitting particulates due to ONS operations have been detected in indicator location samples since the change in gamma spectroscopy analysis systems in 1987.

Beta analysis of air particulate filters was initiated in March of 1996 and became required by Selected Licensee Commitments in 1998. Gross beta analysis was performed on particulate filters during the preoperational and early operational history of the plant but had not been required since 1984. Figure 3.1 summarizes gross beta results for the indicator location with the highest annual mean and the control location samples. Table 3.1-C gives the Gross Beta concentration in air particulate filters since 1996. Both the indicator and control location results are similar in concentration and are near the lower range of preoperational gross beta results which ranged from 0.04 to 1.46 pCi/m^3. No gross beta activity in air particulate samples was greater than ten time the yearly mean of the control samples.

K-40 and Be-7 observed in air samples are naturally occurring radionuclides.

Table 3.1-A Mean Concentration of Air Radioiodine (I-131) (Preoperational-1995)

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
Preoperational 1969-1972	0.00E0	0.00E0
Feb. 1973 - June 1973	0.00E0	0.00E0
July 1973 - Dec. 1973	0.00E0	0.00E0
Jan. 1974 - June 1974	0.00E0	0.00E0
July 1974 - Dec. 1974	2.60E-2	8.00E-3
Jan. 1975 - June 1975	8.65E-2	3.12E-2
July 1975 - Dec. 1975	1.13E-2	9.52E-3
1976	2.76E-2	2.18E-2
1977	3.60E-2	3.60E-2
1978	2.19E-1	1.15E-1
1979	7.54E-3	4.75E-4
1980	3.07E-3	9.67E-4
1981	6.31E-3	5.39E-4
1982	2.87E-3	8.10E-4
1983	1.48E-3	3.05E-4
1984	8.11E-4	-2.30E-5
1985	7.71E-4	4.54E-4
1986	5.02E-3	7.86E-3
1987(1)	4.29E-3	5.19E-3
1988	0.00E0	0.00E0
1989	4.99E-4	0.00E0
1990	0.00E0	0.00E0
1991	0.00E0	0.00E0
1992	0.00E0	0.00E0
1993	0.00E0	0.00E0
1994	1.03E-2	0.00E0
1995	0.00E0	0.00E0

0.00E0 indicates no detectable measurements
1979 - 1986 mean based on all net activity
(1) 1987 – Gamma spectroscopy system change

Table 3.1-B Mean Concentration of Air Radioiodine (I-131) (1996-2024)

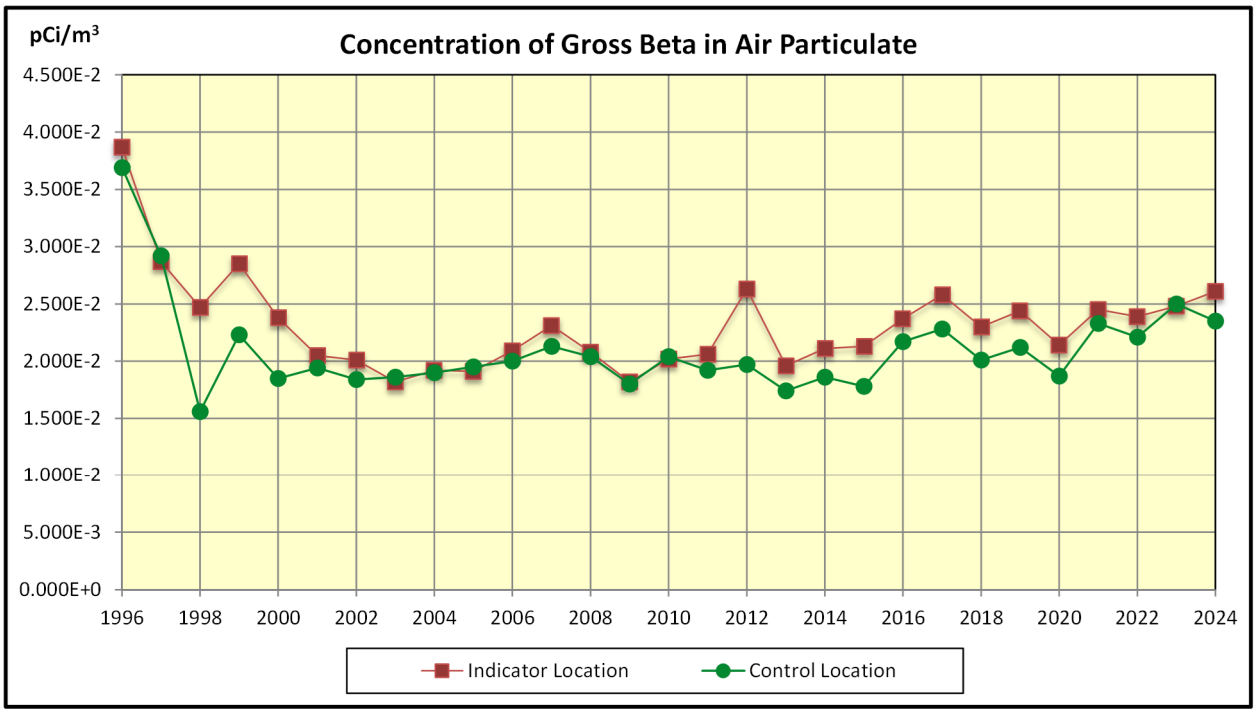
Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1996	0.00E0	0.00E0
1997	0.00E0	0.00E0
1998	0.00E0	0.00E0
1999	0.00E0	0.00E0
2000	0.00E0	0.00E0
2001	0.00E0	0.00E0
2002	0.00E0	0.00E0
2003	0.00E0	0.00E0
2004	0.00E0	0.00E0
2005	0.00E0	0.00E0
2006	0.00E0	0.00E0
2007	0.00E0	0.00E0
2008	0.00E0	0.00E0
2009	0.00E0	0.00E0
2010	0.00E0	0.00E0
2011(1)	5.05E-2	4.13E-2
2012	0.00E0	0.00E0
2013	0.00E0	0.00E0
2014(2)	0.00E0	0.00E0
2015	0.00E0	0.00E0
2016	0.00E0	0.00E0
2017	0.00E0	0.00E0
2018	0.00E0	0.00E0
2019	0.00E0	0.00E0
2020	0.00E0	0.00E0
2021	0.00E0	0.00E0
2022	0.00E0	0.00E0
2023	0.00E0	0.00E0
2024	0.00E0	0.00E0

0.00E0 indicates no detectable measurements

(1) 2011 concentration affected by Fukushima Daiichi

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

Figure 3.1



There is no reporting level for gross beta in air particulate

Table 3.1-C Mean Concentration of Gross Beta in Air Particulate

Monitoring Period	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1996	3.87E-2	3.69E-2
1997	2.87E-2	2.92E-2
1998	2.47E-2	1.56E-2
1999	2.85E-2	2.23E-2
2000	2.38E-2	1.85E-2
2001	2.05E-2	1.94E-2
2002	2.01E-2	1.84E-2
2003	1.86E-2	1.82E-2
2004	1.92E-2	1.90E-2
2005	1.95E-2	1.91E-2
2006	2.09E-2	2.00E-2
2007	2.31E-2	2.13E-2
2008	2.08E-2	2.04E-2
2009	1.82E-2	1.80E-2
2010	2.02E-2	2.04E-2
2011	2.06E-2	1.92E-2
2012	2.63E-2	1.97E-2
2013	1.96E-2	1.74E-2
2014	2.11E-2	1.86E-2
2015	2.13E-2	1.78E-2
2016	2.37E-2	2.17E-2
2017	2.58E-2	2.28E-2
2018	2.30E-2	2.01E-2
2019	2.44E-2	2.12E-2
2020	2.14E-2	1.87E-2
2021	2.45E-2	2.33E-2
2022	2.39E-2	2.21E-2
2023	2.48E-2	2.50E-2
2024	2.61E-2	2.35E-2

3.2 DRINKING WATER

Gross beta analysis and gamma spectroscopy were performed on 39 monthly drinking water samples that were composited using water samplers that collected an aliquot every two hours. These samples were composited to form 12 quarterly composite period samples for tritium analysis. Two indicator locations and a control location were sampled; however, only one of the indicator locations is downstream of the effluent release point.

Table 3.2-A lists the highest indicator location annual mean and control location annual mean for gross beta results since the preoperational period through 1995. Table 3.2-B lists the highest indicator location annual mean and control location annual mean for gross beta results from 1996 through 2024. The highest annual mean gross beta activity was 4.03 pCi/liter. Gross beta was detected in one sample at the control location. The difference between the mean indicator and the mean control activities for 2024 are out of trend with the previous year's differences. This difference could be attributed to the change in the analysis procedure made in 2019. Figure 3.2-1 shows the highest indicator and control location annual means for gross beta. The tables show that 2024 gross beta levels in drinking water are similar for the indicator locations and control location.

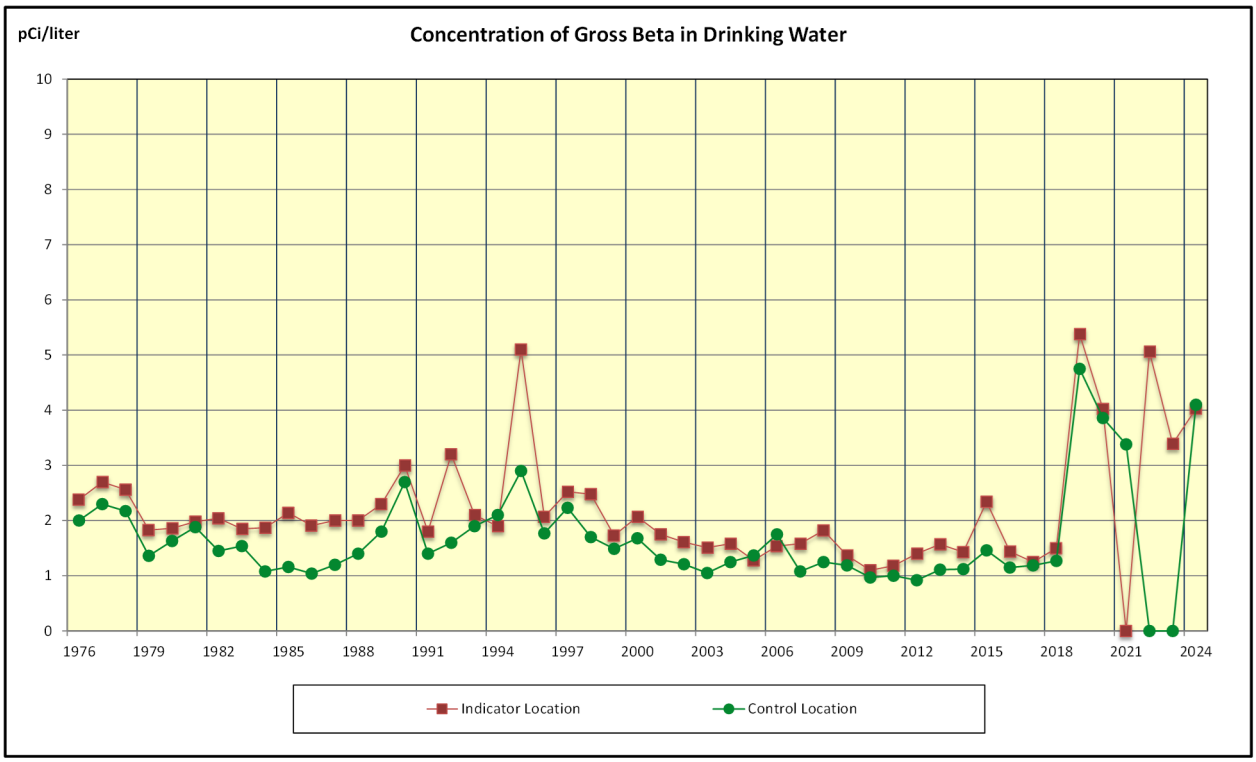
Tritium was detected in four of the twelve composite samples during 2024. Table 3.2-A, Table 3.2-B and Figure 3.2-2 show the highest indicator and control location annual means for tritium since analysis was initiated early in the operational period. Tritium concentrations have decreased at both the indicator and control locations. The closure of the Clemson water plant in 1989 is one reason for the decrease shown in the table and graph. The Clemson site was typically the high mean location when the plant was in operation.

There were no gamma emitting radionuclides attributable to plant operations identified in drinking water samples in 2024. Gamma spectroscopy analysis has not detected any gamma activity in the water supplies since 1988.

The dose for consumption of water was less than one mrem per year based on effluent calculations and there were no abnormal releases exceeding 1 pCi/liter I-131 in 2024; therefore, low-level iodine analysis is not required.

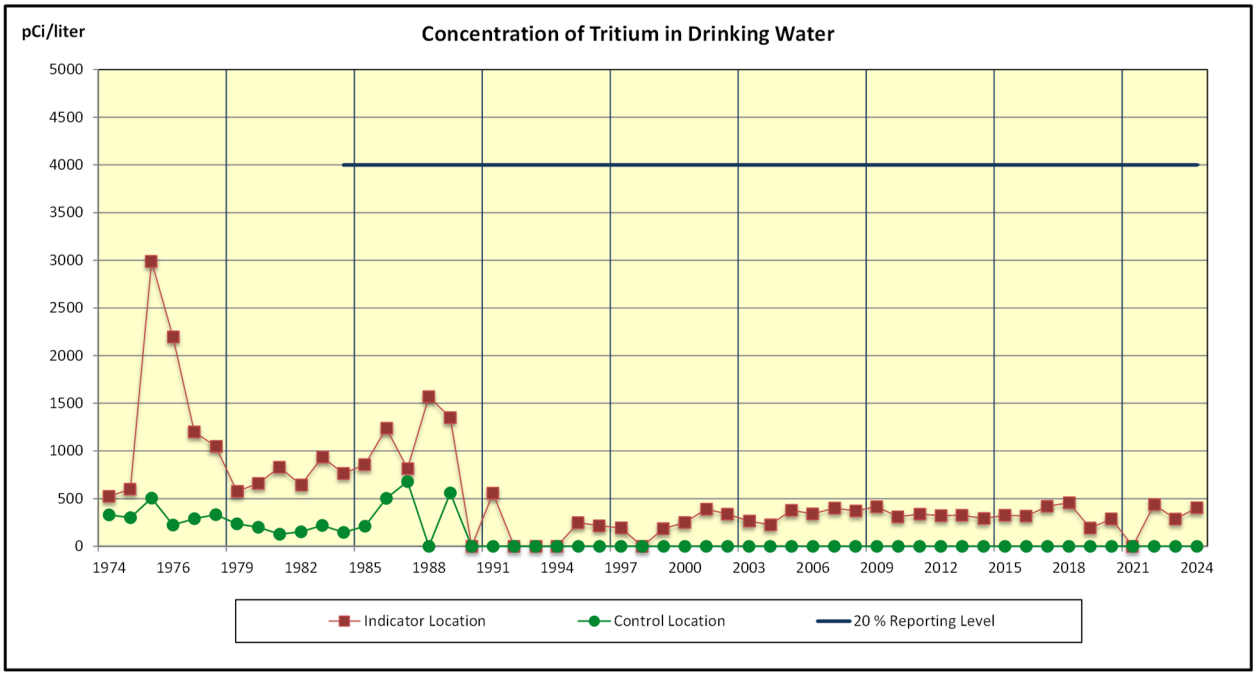
K-40 observed in drinking water samples is a naturally occurring radionuclide.

Figure 3.2-1



Analytical method changes implemented in 2019

Figure 3.2-2



Current reporting level implemented 1984

Table 3.2-A Mean Concentrations of Radionuclides in Drinking Water (1971-1995)

Year	Gross Beta (pCi/l)		Tritium (pCi/l)	
	Indicator Location	Control Location	Indicator Location	Control Location
Preoperational ending Jan. 1971	3.03	5.90	Analysis not required	
Preoperational ending Jan. 1973	3.58	4.94	Analysis not required	
Feb. 1973 - June 1973	Qualitative results reported		Analysis not required	
June 1973 - Dec. 1973	7.15	21.78	Analysis not required	
Jan. 1974 - June 1974	3.13	6.98	Analysis not required	
July 1974 - Dec. 1974	2.24	2.02	525	330
Jan. 1975 - June 1975	1.98	1.59	600	300
July 1975 - Dec. 1975	2.01	1.22	2990	505
1976	2.38	2.00	2196	224
1977	2.70	2.30	1200	290
1978	2.56	2.17	1050	333
1979	1.83	1.36	576	235
1980	1.86	1.63	660	200
1981	1.98	1.88	830	127
1982	2.04	1.45	643	153
1983	1.85	1.54	937	220
1984	1.87	1.08	765	145
1985	2.14	1.16	856	210
1986	1.91	1.04	1240	503
1987	2.00	1.20	815	680
1988	2.00	1.40	1570	0.00
1989	2.30	1.80	1350	559
1990	3.00	2.70	0.00	0.00
1991	1.80	1.40	558	0.00
1992	3.20	1.60	0.00	0.00
1993	2.10	1.90	0.00	0.00
1994	1.90	2.10	0.00	0.00
1995	5.10	2.90	248	0.00

0.00 indicates no detectable measurements
1989 - Clemson water plant closes; nearest downstream plant is Anderson.
1979 - 1986 mean based on all net activity results

Table 3.2-B Mean Concentrations of Radionuclides in Drinking Water (1996-2024)

Year	Gross Beta (pCi/l)		Tritium (pCi/l)	
	Indicator Location	Control Location	Indicator Location	Control Location
1996	2.07	1.77	214	0.00
1997	2.52	2.23	194	0.00
1998	2.48	1.70	0.00	0.00
1999	1.73	1.49	185	0.00
2000	2.07	1.68	251	0.00
2001	1.75	1.29	390	0.00
2002	1.61	1.21	338	0.00
2003	1.51	1.05	266	0.00
2004	1.58	1.25	225	0.00
2005	1.28	1.37	377	0.00
2006	1.54	1.75	340	0.00
2007	1.58	1.08	402	0.00
2008	1.82	1.25	372	0.00
2009	1.37	1.19	415	0.00
2010	1.10	0.97	308	0.00
2011	1.18	1.00	339	0.00
2012	1.40	0.92	322	0.00
2013	1.57	1.11	325	0.00
2014	1.43	1.12	292	0.00
2015	2.34	1.46	325	0.00
2016	1.44	1.15	325	0.00
2017	1.25	1.19	419	0.00
2018	1.50	1.27	356	0.00
2019[(1)]	5.38	4.75	192	0.00
2020	4.02	3.86	289	0.00
2021	0.00	3.38	0.00	0.00
2022	5.06	0.00	0.00	0.00
2023	3.39	0.00	286	0.00
2024	4.03	4.10	405	0.00

0.00 indicates no detectable measurements

(1) Analytical method changes were implemented in 2019 for Gross Beta analysis.

3.3 SURFACE WATER

Gamma spectroscopy was performed on 26 monthly surface water samples that were composited using water samplers that collected an aliquot every two hours. These samples were composited to form eight quarterly composite period samples for tritium analysis. One indicator and one control location were sampled. The indicator location is near the liquid effluent release point.

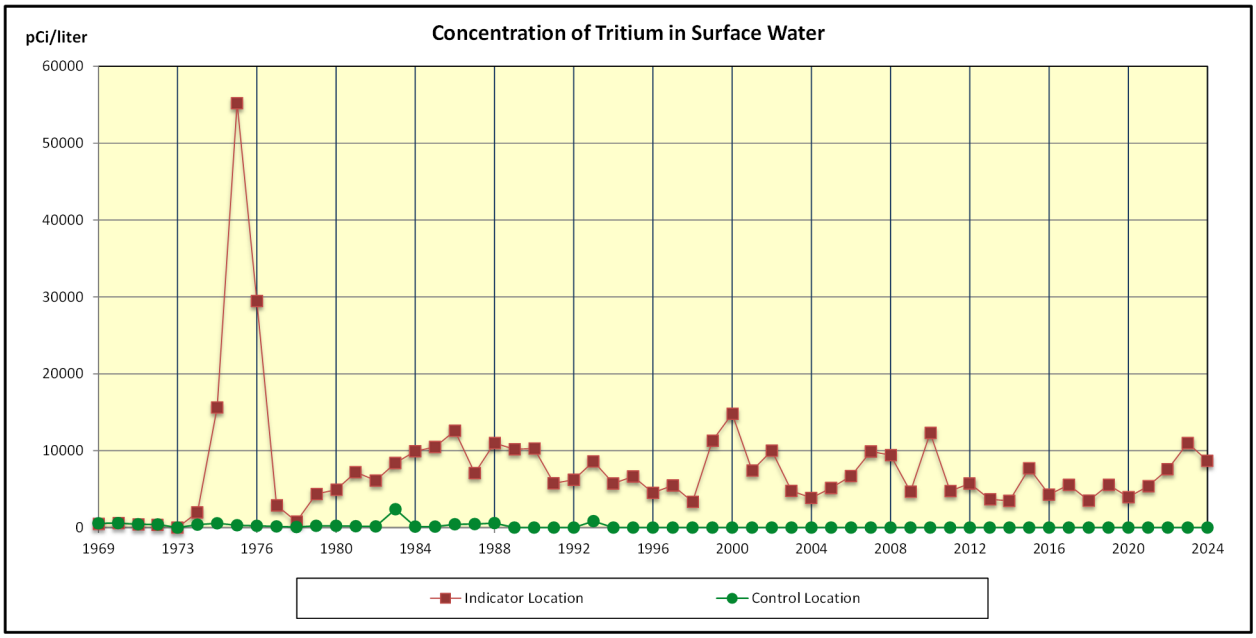
Tritium was detected in the four indicator location samples. The 2024 average concentration was 8,703 pCi/liter. The individual samples ranged from 3,770 to 15,100 pCi/liter. For comparison purposes, the 2023 mean concentration was 11,000 pCi/liter. Tritium was not detected in any control surface water samples.

Figure 3.3 shows the indicator and control annual means for Tritium since the preoperational period. Table 3.3-A lists the indicator annual means since preoperational through 1995. Table 3.3-B lists the indicator annual means from 1996 through 2024.

Gamma spectroscopy analysis did not detect any station related gamma activity during 2024. No gamma emitting radionuclides attributable to station operation have been detected in surface water samples since 1999. Table 3.3-A and Table 3.3-B summarize the indicator annual means of radionuclides detected since the change in the gamma spectroscopy analysis system in 1987. Visual inspection of the gamma spectroscopy tabular data covering the early operational period through 2024 did not reveal any increasing trends.

K-40 observed in surface water samples is a naturally occurring radionuclide.

Figure 3.3



There is no reporting level for Tritium in surface water

Table 3.3-A Mean Concentrations of Radionuclides in Surface Water (1969-1995)

Year	Co-58 (pCi/l)	Co-60 (pCi/l)	Nb-95 (pCi/l)	Cs-137 (pCi/l)	H-3 pCi/l)
Preoperational 1969		Qualitative results reported			4.86E2
Preoperational 1970		Qualitative results reported			5.94E2
Preoperational 1971		Qualitative results reported			4.01E2
Preoperational 1972		Qualitative results reported			3.62E2
1973		Qualitative results reported			0.00E0
1974	0.00E0	1.32E1	0.00E0	1.60E1	1.99E3
Jan. 1975 – June 1975	0.00E0	0.00E0	0.00E0	0.00E0	1.56E4
July 1975 – Dec. 1975	0.00E0	1.34E1	0.00E0	0.00E0	5.52E4
1976	1.08E2	3.30E1	0.00E0	3.50E1	2.95E4
1977	2.60E1	1.80E1	0.00E0	3.10E1	2.90E3
1978	2.96E2	0.00E0	0.00E0	2.22E1	8.00E2
1979	1.33E0	2.60E0	1.78E0	2.82E0	4.37E3
1980	1.56E0	2.30E0	1.22E0	5.40E0	4.93E3
1981	1.10E0	6.10E-1	1.70E0	3.90E0	7.21E3
1982	6.14E-1	1.99E0	2.29E0	4.85E0	6.13E3
1983	6.99E-1	3.02E0	3.91E-1	6.83E-1	8.40E3
1984	9.40E-1	6.30E-1	7.90E-1	4.83E-1	9.90E3
1985	2.15E-1	6.27E-1	4.95E-1	9.90E-1	1.05E4
1986	3.28E0	1.23E0	1.14E0	3.07E-1	1.26E4
1987[1]	5.10E1	3.40E0	4.00E0	0.00E0	7.08E3
1988	6.20E0	5.00E0	2.50E0	3.50E0	1.10E4
1989	5.30E0	3.00E0	0.00E0	3.40E0	1.02E4
1990	1.70E0	1.60E0	0.00E0	0.00E0	1.03E4
1991	5.40E0	0.00E0	0.00E0	0.00E0	5.76E3
1992	2.50E0	0.00E0	0.00E0	0.00E0	6.22E3
1993	0.00E0	0.00E0	0.00E0	0.00E0	8.62E3
1994	0.00E0	0.00E0	0.00E0	0.00E0	5.75E3
1995	0.00E0	0.00E0	0.00E0	0.00E0	6.65E3

0.00E0 indicates no detectable measurements
1979-1986 mean based on all net activity results
(1) 1987 – Gamma spectroscopy system change

Table 3.3-B Mean Concentrations of Radionuclides in Surface Water (1996-2024)

Year	Co-58 (pCi/l)	Co-60 (pCi/l)	Nb-95 (pCi/l)	Cs-137 (pCi/l)	H-3 pCi/l)
1996	0.00E0	0.00E0	0.00E0	0.00E0	4.54E3
1997	0.00E0	0.00E0	0.00E0	0.00E0	5.50E3
1998	0.00E0	0.00E0	0.00E0	0.00E0	3.35E3
1999	2.73E1	0.00E0	0.00E0	0.00E0	1.13E4
2000	0.00E0	0.00E0	0.00E0	0.00E0	1.48E4
2001	0.00E0	0.00E0	0.00E0	0.00E0	7.43E3
2002	0.00E0	0.00E0	0.00E0	0.00E0	1.00E4
2003	0.00E0	0.00E0	0.00E0	0.00E0	4.77E3
2004	0.00E0	0.00E0	0.00E0	0.00E0	3.86E3
2005	0.00E0	0.00E0	0.00E0	0.00E0	5.15E3
2006	0.00E0	0.00E0	0.00E0	0.00E0	6.72E3
2007	0.00E0	0.00E0	0.00E0	0.00E0	9.91E3
2008	0.00E0	0.00E0	0.00E0	0.00E0	9.43E3
2009	0.00E0	0.00E0	0.00E0	0.00E0	4.68E3
2010	0.00E0	0.00E0	0.00E0	0.00E0	1.23E4
2011	0.00E0	0.00E0	0.00E0	0.00E0	4.75E3
2012	0.00E0	0.00E0	0.00E0	0.00E0	5.76E3
2013	0.00E0	0.00E0	0.00E0	0.00E0	3.68E3
2014[(1)]	0.00E0	0.00E0	0.00E0	0.00E0	3.49E3
2015	0.00E0	0.00E0	0.00E0	0.00E0	7.73E3
2016	0.00E0	0.00E0	0.00E0	0.00E0	4.29E3
2017	0.00E0	0.00E0	0.00E0	0.00E0	5.56E3
2018	0.00E0	0.00E0	0.00E0	0.00E0	3.52E3
2019	0.00E0	0.00E0	0.00E0	0.00E0	5.56E3
2020	0.00E0	0.00E0	0.00E0	0.00E0	3.97E3
2021	0.00E0	0.00E0	0.00E0	0.00E0	5.38E3
2022	0.00E0	0.00E0	0.00E0	0.00E0	7.60E3
2022	0.00E0	0.00E0	0.00E0	0.00E0	1.10E4
2024	0.00E0	0.00E0	0.00E0	0.00E0	8.70E3

0.00E0 indicates no detectable measurements

(1) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

3.4 MILK

Biweekly grab samples were collected at three locations although the Oconee ODCM requires semimonthly samples. Biweekly grab samples are taken to meet the required sample frequency for scheduling purposes.

Goat Milk Location 073 was added to the REMP as a supplemental location on June 25, 2024, after it was identified during the 2024 Land Use Census (DRR 02518239). Goat milk from locations 061 and 073 are only seasonally available. Gamma spectroscopy and low-level Iodine-131 analyses were performed on 27 milk samples collected biweekly from the control location in 2024. Eighteen biweekly samples from the supplemental indicator goat milk locations were collected and received gamma spectroscopy and low-level Iodine-131 analyses.

There were no gamma emitting radionuclides due to ONS plant operations identified in milk samples in 2024. Cs-137 is the only radionuclide, other than naturally occurring, reported in milk samples since 1988 (excluding Fukushima Daiichi). Cs-137 in milk is not unusual. It is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed periodically in samples from indicator and control locations since the preoperational period.

Table 3.4-A lists the highest indicator location annual mean and control location annual mean for Cs-137 since the preoperational period through 1995. Table 3.4-B lists the highest indicator location annual mean and control location annual mean for Cs-137 from 1996 through 2024. The tables show similar concentrations for both indicator and control locations through 2005, and Cs-137 was not detected in the control location since 1996.

K-40 observed in milk samples is a naturally occurring radionuclide.

Table 3.4-A Mean Concentration of Radionuclides in Milk (Preoperational-1995)

Year	Cs-137 Indicator (pCi/l)	Cs-137 Control (pCi/l)
Preoperational	1.57E1	1.46E1
Feb. 1973 – June 1973	Qualitative results reported	Qualitative results reported
July 1973 – Dec. 1973	5.80E0	Qualitative results reported
Jan. 1974 – June 1974	5.30E0	0.00E0
July 1974 – Dec. 1974	1.11E1	0.00E0
Jan. 1975 – June 1975	1.51E1	9.45E0
July 1975 – Dec. 1975	0.00E0	0.00E0
1976	1.80E1	7.47E0
1977	0.00E0	0.00E0
1978	1.33E1	1.33E1
1979	7.25E0	2.52E0
1980	3.58E0	2.63E0
1981	5.52E0	5.51E0
1982	2.71E0	3.25E0
1983	5.04E0	-4.27E-1
1984	2.30E0	2.58E0
1985	2.38E0	1.31E0
1986	2.92E0	2.97E0
1987(1)	4.90E0	4.90E0
1988	3.90E0	3.20E0
1989	4.70E0	2.90E0
1990	6.40E0	0.00E0
1991	5.00E0	0.00E0
1992	6.60E0	0.00E0
1993	0.00E0	0.00E0
1994	0.00E0	1.80E0
1995	2.30E0	2.00E0

0.00E0 indicates no detectable measurements
1979 - 1986 mean based on all net activity results
(1) 1987 – Gamma spectroscopy system change

Table 3.4-B Mean Concentration of Radionuclides in Milk (1996-2024)

Year	Cs-137 Indicator (pCi/l)	Cs-137 Control (pCi/l)
1996	0.00E0	4.10E0
1997	0.00E0	0.00E0
1998	0.00E0	0.00E0
1999	0.00E0	0.00E0
2000	0.00E0	0.00E0
2001	0.00E0	0.00E0
2002	0.00E0	0.00E0
2003	0.00E0	0.00E0
2004	0.00E0	0.00E0
2005(1)	0.00E0	0.00E0
2006	No Indicator Location	0.00E0
2007	No Indicator Location	0.00E0
2008	No Indicator Location	0.00E0
2009	No Indicator Location	0.00E0
2010	No Indicator Location	0.00E0
2011	No Indicator Location	0.00E0
2012	No Indicator Location	0.00E0
2013	No Indicator Location	0.00E0
2014(2)	No Indicator Location	0.00E0
2015	No Indicator Location	0.00E0
2016	No Indicator Location	0.00E0
2017	No Indicator Location	0.00E0
2018	No Indicator Location	0.00E0
2019	No Indicator Location	0.00E0
2020	No Indicator Location	0.00E0
2021	No Indicator Location	0.00E0
2022	0.00E0	0.00E0
2023	0.00E0	0.00E0
2024	0.00E0	0.00E0

0.00E0 indicates no detectable measurements

(1) The Oconee milk program was updated to align with NUREG-1301 during 2005 (NCR # 01753418). Location 071 was designated as the new control site effective with the 7/12/2005 sampling.

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

3.5 BROADLEAF VEGETATION

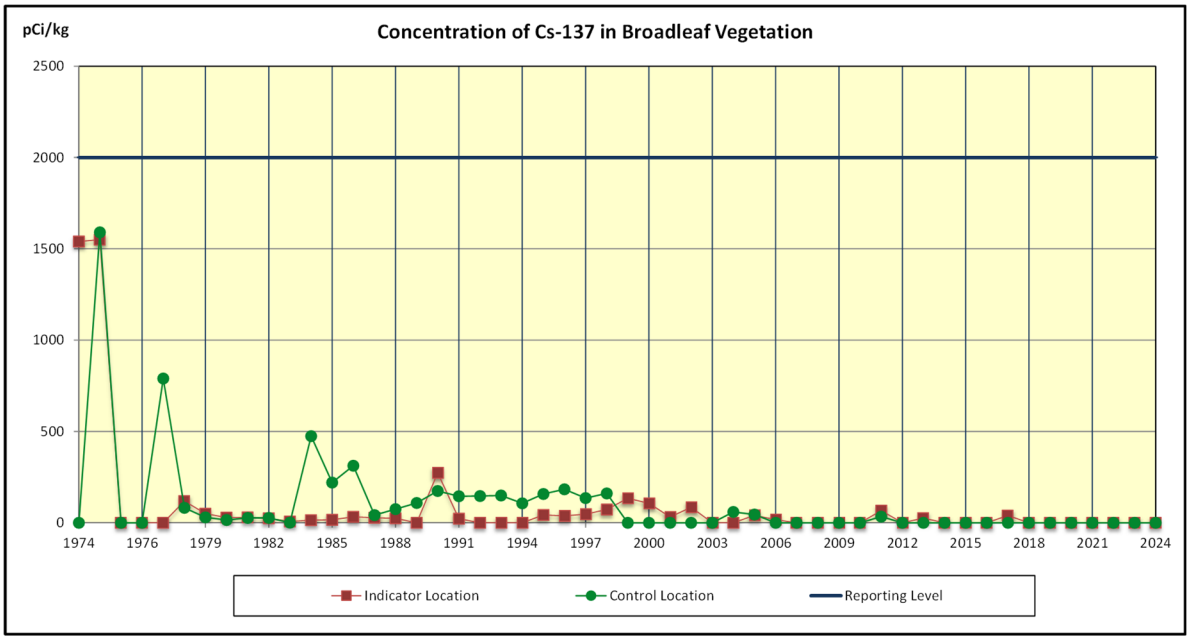
Monthly samples were collected, and a gamma analysis was performed on each of the 36 samples during 2024. Two indicator locations and one control location were sampled. There were no gamma emitting radionuclides due to ONS plant operations identified in vegetation samples in 2024.

Cs-137 is the only radionuclide, other than naturally occurring, reported in vegetation samples since the change in gamma spectroscopy analysis systems in 1987. Figure 3.5 shows the indicator and control annual means for Cs-137 since the early operational period of the plant. Table 3.5 shows historical concentrations of Cs-137.

It is not unusual for Cs-137 to be present in vegetation. It is a constituent of nuclear weapons test fallout and nuclear plant accidents and has been observed in samples from indicator and control locations since the preoperational period. Table 3.5-A and 3.5-B lists the highest indicator location annual mean and control location annual mean for Cs-137 since early in the station's operational history. Visual inspection of the tabular data did not reveal any increasing trends.

K-40 and Be-7 observed in broadleaf vegetation samples are naturally occurring radionuclides.

Figure 3.5



2011 concentration affected by Fukushima Daiichi

Table 3.5-A Mean Concentration of Radionuclides in Vegetation (1974-2009)

Year	Cs-137 Indicator (pCi/kg)	Cs-137 Control (pCi/kg)
July 1974 - Dec. 1974	1.54E3	0.00E0
Jan. 1975 - June 1975	1.55E3	1.59E3
July 1975 - Dec. 1975	0.00E0	0.00E0
1976	0.00E0	0.00E0
1977	0.00E0	7.90E2
1978	1.19E2	8.19E1
1979	5.04E1	2.96E1
1980	2.80E1	1.55E1
1981	2.99E1	2.60E1
1982	2.42E1	2.62E1
1983	7.44E0	5.35E-1
1984	1.37E1	4.74E2†
1985	1.62E1	2.20E2
1986	3.28E1	3.12E2
1987(1)	2.70E1	4.20E1
1988	2.40E1	7.50E1
1989	0.00E0	1.08E2
1990	2.73E2	1.74E2
1991	2.20E1	1.45E2
1992	0.00E0	1.46E2
1993	0.00E0	1.49E2
1994	0.00E0	1.06E2
1995	4.30E1	1.58E2
1996	3.79E1	1.83E2
1997	4.73E1	1.35E2
1998	7.28E1	1.61E2††
1999	1.34E2	0.00E0†††
2000	1.06E2	0.00E0
2001	3.19E1	0.00E0
2002	8.44E1	0.00E0
2003	0.00E0	0.00E0
2004	0.00E0	5.96E1
2005	4.51E1	4.11E1
2006	1.77E1	0.00E0
2007	0.00E0	0.00E0
2008	0.00E0	0.00E0
2009	0.00E0	0.00E0

0.00E0 indicates no detectable measurements
Qualitative results reported prior to 1974
1979 - 1986 mean based on all net activity
(1) 1987 – Gamma spectroscopy system change

† Control location changed to 073 in 1984
†† Control location 081 added in 1998
††† Control location 073 removed in 1999
†††† 2011 concentration affected by Fukushima Daiichi

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

Table 3.5-B Mean Concentration of Radionuclides in Vegetation (2010-2024)

Year	Cs-137 Indicator (pCi/kg)	Cs-137 Control (pCi/kg)
2010	0.00E0	0.00E0
2011	6.68E1††††	3.35E1††††
2012	0.00E0	0.00E0
2013	2.57E1	0.00E0
2014(2)	0.00E0	0.00E0
2015	0.00E0	0.00E0
2016	0.00E0	0.00E0
2017	3.94E1	0.00E0
2018	0.00E0	0.00E0
2019	0.00E0	0.00E0
2020	0.00E0	0.00E0
2021	0.00E0	0.00E0
2022	0.00E0	0.00E0
2023	0.00E0	0.00E0
2024	0.00E0	0.00E0

0.00E0 indicates no detectable measurements
Qualitative results reported prior to 1974
1979 - 1986 mean based on all net activity
(1) 1987 – Gamma spectroscopy system change

† Control location changed to 073 in 1984
†† Control location 081 added in 1998
††† Control location 073 removed in 1999
†††† 2011 concentration affected by Fukushima Daiichi

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

3.6 FISH

In 2024, gamma spectroscopy was performed on the edible portions of 12 semiannual fish samples. Two downstream indicator locations and one control location were sampled. There were no gamma emitting radionuclides due to ONS plant operations identified in fish samples in 2024.

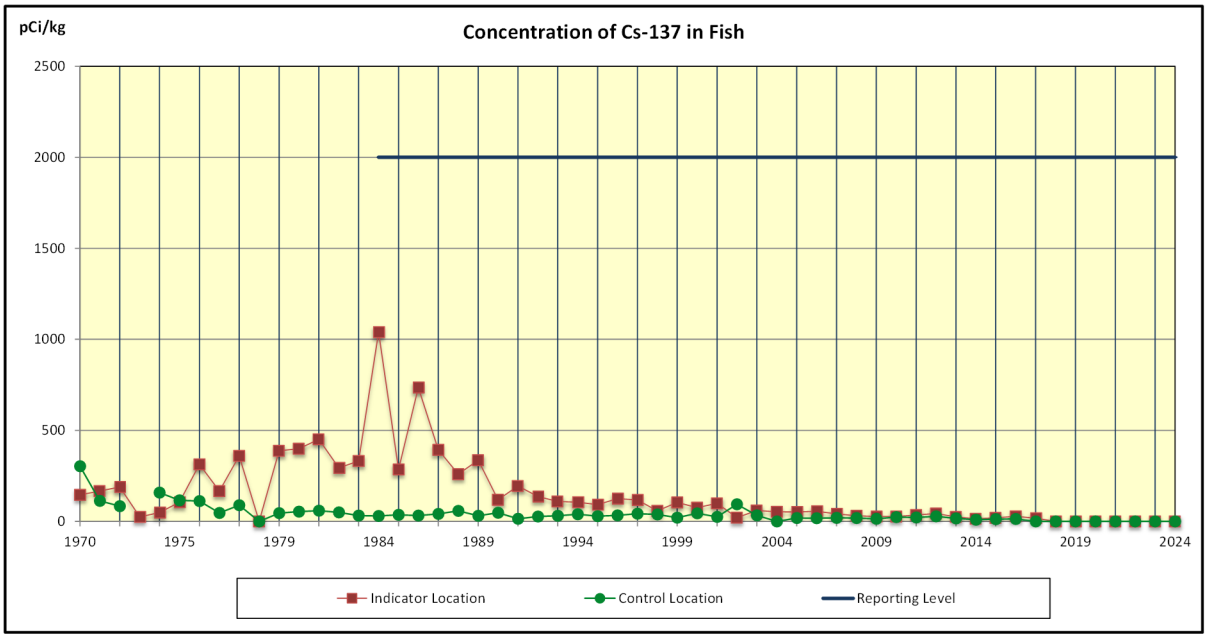
Figures 3.6-1 and 3.6-2 are graphs displaying the annual means for Cs-137 and Cs-134. Historically, both are contributors to the calculated dose from liquid effluents from ingestion of fish. Radioactivity concentrations in downstream fish samples are higher than those reported in preoperational fish samples, however, concentrations in fish have decreased over time with decreases in radioactive material releases from the plant.

One factor affecting the trend analysis is a change in sampling locations. In 1984, a second downstream fish location was added. Location 063 is closer to the liquid effluent discharge point and has been the highest mean indicator since it was added.

Table 3.6-A lists the highest indicator location annual means for radionuclides detected from the Preoperational period through 2014. Table 3.6-B list the highest indicator location annual means for radionuclides detected from 2015-2024. Also included in the table are radionuclides that have been identified in this media since the change in analysis systems in 1987. Comparison of data to previous years does not indicate any increases in concentrations.

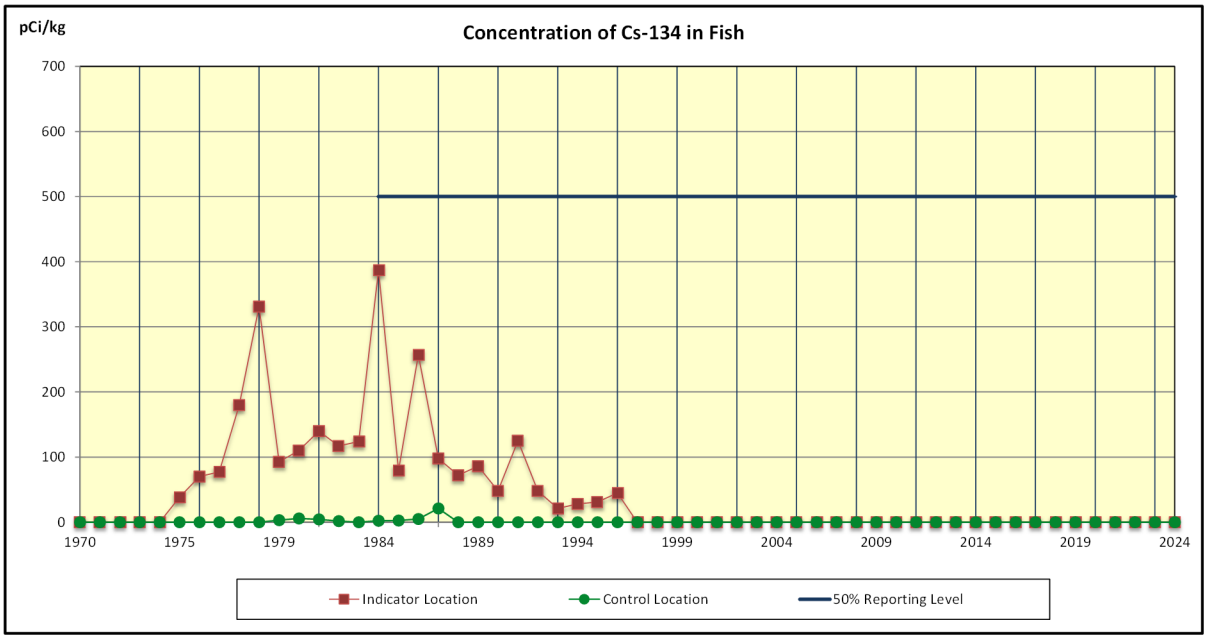
K-40 observed in fish samples is a naturally occurring radionuclide.

Figure 3.6-1



Current reporting levels implemented 1984

Figure 3.6-2



Current reporting levels implemented 1984

Table 3.6-A Mean Concentrations of Radionuclides in Fish (Preop-2014)

Year	Co-58 (pCi/kg)	Co-60 (pCi/kg)	Cs-134 (pCi/kg)	Cs-137 (pCi/kg)
Preop ending Jan.1971	0.00E0	0.00E0	0.00E0	1.46E2
Preop ending Jan.1973	0.00E0	0.00E0	0.00E0	1.66E2
Feb. 1973 - June 1973	Qualitative results reported-no significant measurements above background			
July 1973 - Dec. 1973	0.00E0	0.00E0	0.00E0	1.89E2
Jan. 1974 - June 1974	0.00E0	0.00E0	0.00E0	2.47E1
July 1974 - Dec. 1974	0.00E0	0.00E0	0.00E0	4.85E1
Jan. 1975 - June 1975	0.00E0	0.00E0	3.81E1	1.05E2
July 1975 - Dec. 1975	8.50E1	0.00E0	7.00E1	3.13E2
1976	5.70E1	1.14E2	7.73E1	1.66E2
1977	0.00E0	0.00E0	1.80E2	3.60E2
1978	3.27E2	0.00E0	3.31E2	0.00E0
1979	1.91E0	1.56E1	9.26E1	3.88E2
1980	1.45E1	1.90E1	1.10E2	3.99E2
1981	2.25E1	1.49E1	1.40E2	4.51E2
1982	9.83E-1	8.03E0	1.17E2	2.94E2
1983	3.35E1	4.53E0	1.24E2	3.32E2
1984	1.21E2	6.23E1	3.87E2	1.04E3
1985	1.62E1	1.10E1	7.93E1	2.85E2
1986	9.56E1	2.59E1	2.57E2	7.36E2
1987[(1)]	1.63E2	6.30E1	9.80E1	3.93E2
1988	9.60E1	0.00E0	7.20E1	2.60E2
1989	4.30E1	1.50E1	8.60E1	3.36E2
1990	1.50E1	0.00E0	4.80E1	1.19E2
1991	4.59E1	0.00E0	1.25E2	1.94E2
1992	6.10E1	0.00E0	4.80E1	1.36E2
1993	0.00E0	0.00E0	2.10E1	1.10E2
1994	0.00E0	0.00E0	2.80E1	1.05E2
1995	0.00E0	0.00E0	3.10E1	9.20E1
1996	0.00E0	0.00E0	4.49E1	1.25E2
1997	0.00E0	0.00E0	0.00E0	1.18E2
1998	0.00E0	0.00E0	0.00E0	5.79E1
1999	0.00E0	0.00E0	0.00E0	1.04E2
2000	0.00E0	0.00E0	0.00E0	7.54E1
2001	1.72E1	0.00E0	0.00E0	9.92E1
2002	0.00E0	0.00E0	0.00E0	9.37E1
2003	5.02E1	0.00E0	0.00E0	6.04E1
2004	0.00E0	0.00E0	0.00E0	5.29E1
2005	0.00E0	0.00E0	0.00E0	5.14E1
2006	0.00E0	0.00E0	0.00E0	5.58E1
2007	0.00E0	0.00E0	0.00E0	4.10E1
2008	0.00E0	0.00E0	0.00E0	3.13E1
2009	9.01E0	0.00E0	0.00E0	2.68E1
2010	0.00E0	0.00E0	0.00E0	2.69E1
2011	0.00E0	0.00E0	0.00E0	3.53E1
2012	1.23E2	3.61E1	0.00E0	4.32E1
2013	0.00E0	0.00E0	0.00E0	2.44E1
2014[(2)]	0.00E0	0.00E0	0.00E0	1.40E1

0.00E0 indicates no detectable measurements

1979 - 1986 mean based on all net activity

(1) 1987 – Gamma spectroscopy system change

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

Table 3.6-B Mean Concentrations of Radionuclides in Fish (2015-2024)

Year	Co-58 (pCi/kg)	Co-60 (pCi/kg)	Cs-134 (pCi/kg)	Cs-137 (pCi/kg)
2015	0.00E0	0.00E0	0.00E0	1.94E1
2016	0.00E0	0.00E0	0.00E0	2.74E1
2017	0.00E0	0.00E0	0.00E0	1.73E1
2018	0.00E0	0.00E0	0.00E0	0.00E0
2019	0.00E0	0.00E0	0.00E0	0.00E0
2020	0.00E0	0.00E0	0.00E0	0.00E0
2021	0.00E0	0.00E0	0.00E0	0.00E0
2022	0.00E0	0.00E0	0.00E0	0.00E0
2023	0.00E0	0.00E0	0.00E0	0.00E0
2024	0.00E0	0.00E0	0.00E0	0.00E0

0.00 indicates no detectable measurements

3.7 SHORELINE SEDIMENT

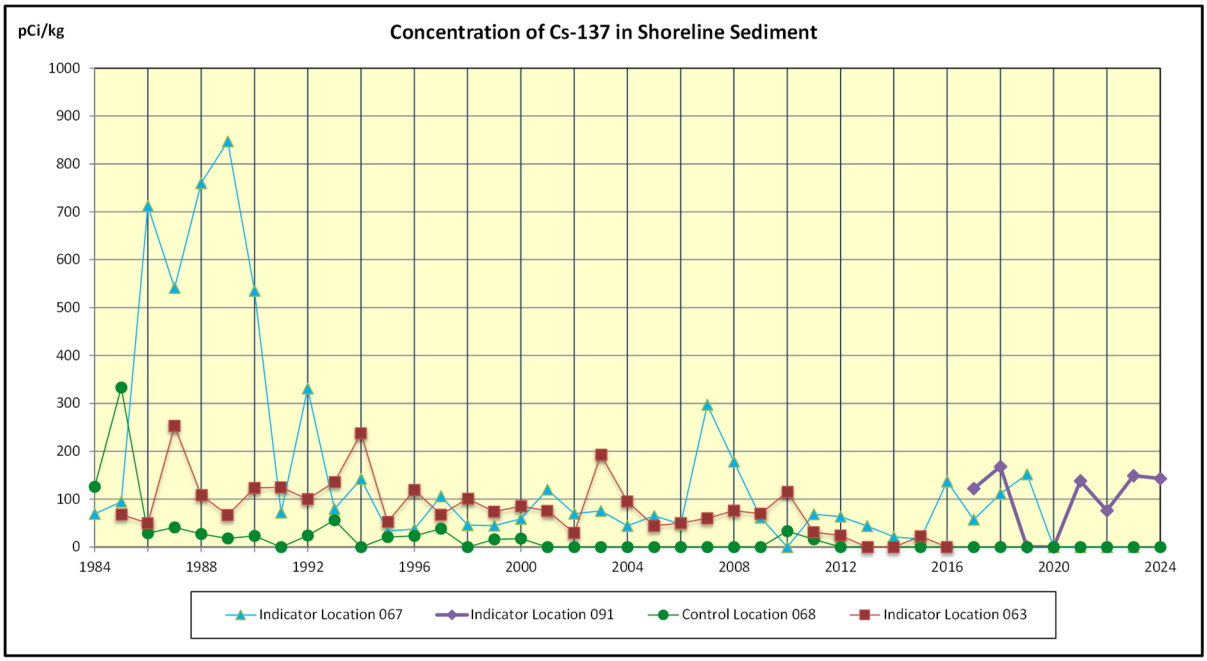
Gamma spectroscopy was performed on six semiannual sediment samples following the drying and removal of rocks and clams. Two downstream indicator locations and one control location were sampled. Four samples were taken from indicator locations and two from the control location.

Cs-137 activity was detected at 143 pCi/kg in one 2024 indicator sample. There was no gamma activity detected in any of the control location samples in 2024. Table 3.7 lists the highest indicator location annual means since shoreline sediment was initiated in 1984. Included in the table are radionuclides that have been identified in this media since the change in analysis systems in 1987.

Visual inspection of the tabular data did not reveal any trends. Figure 3.7 is a graph of the Cs-137 annual means. Historically, Cs-137 is a contributor to the calculated dose from liquid effluents from shoreline sediment. No trends are apparent.

K-40 observed in shoreline samples is a naturally occurring radionuclide.

Figure 3.7



There are no reporting levels for shoreline sediment

Table 3.7 Mean Concentrations of Radionuclides in Shoreline Sediment (pCi/kg)

Year	Mn-54	Co-58	Co-60	Zn-65	Cs-134	Cs-137	Ag-110m	Sb-125
1984	1.10E1	1.09E1	1.19E1	0.00E0	7.77E1	5.16E1	0.00E0	0.00E0
1985	9.39E0	1.27E0	4.79E0	0.00E0	7.63E1	9.47E1	0.00E0	0.00E0
1986	2.24E1	1.62E1	2.50E1	0.00E0	1.41E2	7.12E2	0.00E0	0.00E0
1987(1)	5.40E1	4.70E2	5.07E2	0.00E0	1.01E2	6.22E2	3.46E2	0.00E0
1988	3.30E1	1.20E2	1.87E2	6.70E1	6.60E1	7.59E2	1.62E2	3.67E2
1989	2.30E1	1.24E2	1.96E2	0.00E0	5.40E1	8.48E2	5.50E1	1.86E2
1990	3.40E1	8.00E1	2.59E2	0.00E0	4.50E1	5.36E2	1.71E2	9.00E1
1991	3.26E1	5.60E1	8.57E1	0.00E0	6.91E1	1.24E2	1.10E2	1.78E2
1992	8.79E1	1.79E2	1.12E2	0.00E0	5.60E1	3.31E2	1.69E2	2.08E2
1993	8.20E1	8.20E1	6.50E1	0.00E0	3.20E1	1.36E2	5.63E1	1.11E2
1994	5.30E1	7.00E1	1.49E2	0.00E0	6.70E1	2.38E2	1.04E2	1.29E2
1995	1.43E2	3.90E1	2.40E1	0.00E0	1.10E1	5.20E1	0.00E0	0.00E0
1996	0.00E0	5.10E1	0.00E0	0.00E0	1.98E1	1.19E2	0.00E0	0.00E0
1997	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.06E2	0.00E0	0.00E0
1998	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.01E2	0.00E0	0.00E0
1999	6.96E1	0.00E0	0.00E0	0.00E0	0.00E0	7.38E1	0.00E0	0.00E0
2000	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	8.54E1	0.00E0	0.00E0
2001	0.00E0	2.10E1	0.00E0	0.00E0	0.00E0	1.20E2	0.00E0	0.00E0
2002	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	6.96E1	0.00E0	0.00E0
2003	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.93E2	0.00E0	0.00E0
2004	8.54E1	0.00E0	0.00E0	0.00E0	0.00E0	9.56E1	0.00E0	0.00E0
2005	2.00E2	0.00E0	0.00E0	0.00E0	0.00E0	6.53E1	0.00E0	0.00E0
2006	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	5.01E1	0.00E0	0.00E0
2007	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	2.97E2	0.00E0	0.00E0
2008	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.78E2	0.00E0	0.00E0
2009	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	6.97E1	0.00E0	0.00E0
2010	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.15E2	0.00E0	0.00E0
2011	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	6.83E1	0.00E0	0.00E0
2012	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	6.35E1	0.00E0	0.00E0
2013	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	4.37E1	0.00E0	0.00E0
2014(2)	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	2.11E1	0.00E0	0.00E0
2015	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	2.24E1	0.00E0	0.00E0
2016	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.36E2	0.00E0	0.00E0
2017	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.22E2	0.00E0	0.00E0
2018	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.68E2	0.00E0	0.00E0
2019	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.52E2	0.00E0	0.00E0
2020	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2021	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0
2022	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	7.61E1	0.00E0	0.00E0
2023	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.49E2	0.00E0	0.00E0
2024	0.00E0	0.00E0	0.00E0	0.00E0	0.00E0	1.43E2	0.00E0	0.00E0

0.00E0 indicates no detectable measurements

1984 - 1986 mean based on all net activity

(1) 1987 – Gamma spectroscopy system change

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were noted due to the 2014 gamma spectroscopy system change.

3.8 DIRECT GAMMA RADIATION

3.8.1 ENVIRONMENTAL TLD

Oconee is licensed with an exclusion area boundary defined by UFSAR Section 2.1.1.2 as a 1 mile radius from station center. This is the same boundary established for determining radioactive effluent release limits. No permanent public access is permitted within the exclusion area.

Thermoluminescent dosimeters (TLD) were placed and collected quarterly at the forty-nine locations indicated in Section 2 Table 2.1-B. There are 25 TLD locations, one or more in each meteorological sector, designated as "inner ring" and were placed within exclusion area upon inception of the REMP and all are used as indicators. Due to close proximity with Oconee, inner ring TLD locations are not good indicators of radiation exposure to a member of the public, but are good at determining nearby environmental effects due to plant operation. Based on their placement, inner ring TLD locations are expected to occasionally be influenced by normal plant operation. There were 16 TLD locations, one in each meteorological sector, designated as "outer ring" are outside the 1 mile exclusion area but within a 5 mile radius of station center. All outer ring TLD locations are used as indicators. The remaining TLDs were placed in special interest areas such as population centers, residential areas, schools, and control locations within a 7 to 13 mile radius from station center. The two "control" locations are greater than 9 miles from station center. These locations were chosen to reduce the probability of influence from Oconee operation on data. The control locations are not used as background subtraction in the TLD analysis. Their purpose is to provide a comparison to indicator locations.

A gamma exposure rate was determined for each TLD. In 2024, 195 total TLDs were collected and analyzed quarterly, 187 at indicator locations and 8 at control locations. Transit and laboratory background exposure are determined and subtracted from gross field readings as required by ANSI N545-1975. Based on Appendix B TLD data, the highest annual exposure was 29.2 mR/Std-Qtr at indicator location 024, 0.81 miles E of station center. Figure 3.8 and Table 3.8 show TLD inner ring, outer ring, and control location annual averages in mR/Std-Qtr. Preoperational data is also provided in the table. As shown in the graph, historical inner and outer ring averages compare similarly, while control data is somewhat higher. This is most likely an artifact of the underlying geologic structures at the control locations.

Quarterly, environmental ODCM TLD results are compared by location to its historical data to evaluate any significant changes. The comparison utilizes the location's average exposure history to determine if quarterly results fall within expected low and high ranges and provides a reliable indication of potential changes occurring at a specific TLD location. The low and high ranges are determined by the historical average $\pm$ three standard deviations. The quarterly TLD evaluation implements portions of American National Standard ANSI/HPS N13.37-2014, "Environmental Dosimetry – Criteria for System Design and Implementation, for environmental Thermoluminescent Dosimeters (TLD)". The WP-RP-ALL-0030 –

Updated Radiological Environmental Monitoring Program TLD Analytical Method, describes the process implemented in late 2018 for fleet TLD programs. TLD values identified as < Low Range or > High Range are evaluated in consideration of factors including possible TLD damage, sampling deviations, glow curve irregularities, and any known environmental location changes which may affect results. TLD results are found in Appendix E. There were six TLD results in first quarter of 2024 that exceeded the > High Range. Upon investigation, the glow curves for all six TLDs were verified to be acceptable. It was also concluded that the high exposure readings were not related to plant operation.

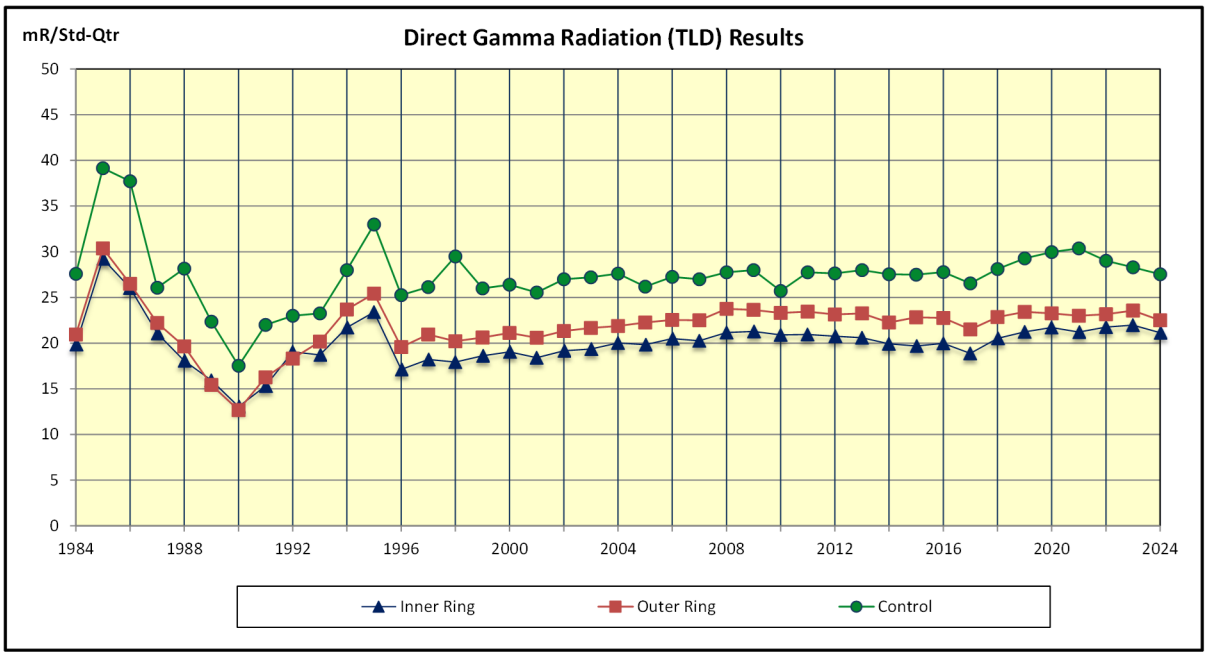
A TLD intercomparison program is conducted as part of the quality assurance program. Results of this program are included in section 4.7.

3.8.2 ISFSI

The Oconee ISFSI began operation in 1990. It is located 0.25 miles southwest of station center in a secured area specifically constructed to provide dry storage for spent nuclear fuel. The ISFSI employs the NUHOMS® horizontal storage module design. Irradiated fuel assemblies are confined, protected, and shielded by a reinforced concrete module. The system is completely passive and designed to provide shielding and safe confinement of spent fuel for a range of postulated accident conditions and natural phenomena. Decay heat is removed from the module by a passive ventilation system. No radiological liquid or gaseous effluents are expected from the passive storage provided by the ISFSI. Therefore, any exposure to offsite locations would be from direct and scattered gamma radiation.

The Oconee REMP serves as the operational program for the ISFSI. Several environmental TLD locations are presently located at the Oconee site boundary fence near the ISFSI. The closest of these is 0.3 miles from the ISFSI, well within the 1 mile exclusion boundary. In addition, exposure rates at the ISFSI restricted area fence are monitored with TLDs as part of the routine REMP. These are used, in part, to control occupational exposure and augment the REMP according to the Oconee ISFSI UFSAR. The maximum TLD exposure at the ISFSI fence, which is not accessible to the public, was 410 mR/Std-Qtr. This is consistent with previous measurements.

Figure 3.8



There is no reporting level for Direct Radiation (TLD)

Table 3.8 Direct Gamma Radiation (TLD) Results

Year	Inner Ring Average (mR/Std-Qtr)	Outer Ring Average (mR/Std-Qtr)	Control Average (mR/Std-Qtr)
Preoperational	2.82E1	3.11E1	3.72E1
1984	1.99E1	2.10E1	2.71E1
1985	2.92E1	3.04E1	3.92E1
1986	2.61E1	2.65E1	3.77E1
1987	2.11E1	2.22E1	2.61E1
1988	1.81E1	1.97E1	2.82E1
1989	1.59E1	1.54E1	2.24E1
1990	1.31E1	1.27E1	1.75E1
1991	1.53E1	1.63E1	2.22E1
1992	1.91E1	1.83E1	2.30E1
1993	1.87E1	2.02E1	2.33E1
1994	2.17E1	2.37E1	2.80E1
1995	2.34E1	2.54E1	3.30E1
1996	1.71E1	1.96E1	2.53E1
1997	1.82E1	2.10E1	2.61E1
1998	1.79E1	2.02E1	2.95E1
1999	1.86E1	2.06E1	2.60E1
2000	1.91E1	2.11E1	2.64E1
2001	1.84E1	2.06E1	2.56E1
2002	1.92E1	2.13E1	2.70E1
2003	1.94E1	2.17E1	2.72E1
2004	2.00E1	2.19E1	2.76E1
2005	1.98E1	2.23E1	2.62E1
2006	2.05E1	2.26E1	2.73E1
2007	2.03E1	2.25E1	2.70E1
2008	2.12E1	2.38E1	2.78E1
2009	2.13E1	2.36E1	2.80E1
2010	2.09E1	2.33E1	2.57E1
2011	2.10E1	2.35E1	2.78E1
2012	2.08E1	2.31E1	2.76E1
2013	2.06E1	2.33E1	2.80E1
2014	1.99E1	2.23E1	2.75E1
2015	1.97E1	2.28E1	2.75E1
2016	2.00E1	2.28E1	2.78E1
2017	1.89E1	2.15E1	2.65E1
2018	2.05E1	2.28E1	2.81E1
2019	2.12E1	2.34E1	2.93E1
2020	2.17E1	2.33E1	3.30E1
2021	2.12E1	2.30E1	3.04E1
2022	2.18E1	2.32E1	2.90E1
2023	2.20E1	2.36E1	2.83E1
2024	2.11E1	2.25E1	2.75E1

3.9 LAND USE CENSUS

The Land Use Census was conducted during the growing season (4/29/2024-4/30/2024) as required by SLC 16.11.6. The nearest Residence and milk-giving animal (cow, goat, etc.), where milk is used for human consumption, were identified within a distance of 8 kilometers (5.0 miles) from the station and in each of the sixteen meteorological sectors.

Table 3.9 summarizes census results. A map indicating identified locations is shown in Figure 3.9. The nearest residence is located in the NNW sector at 1.03 miles. Air Radioiodine and particulate location 094 was added to the REMP as a new supplemental/community location on June 25, 2024, due to new closer residents identified in the west sector (DRR 02518239). Goat Milk Location 073 was added to the REMP as a supplemental location on June 25, 2024, due to location in the east sector (DRR 02518239).

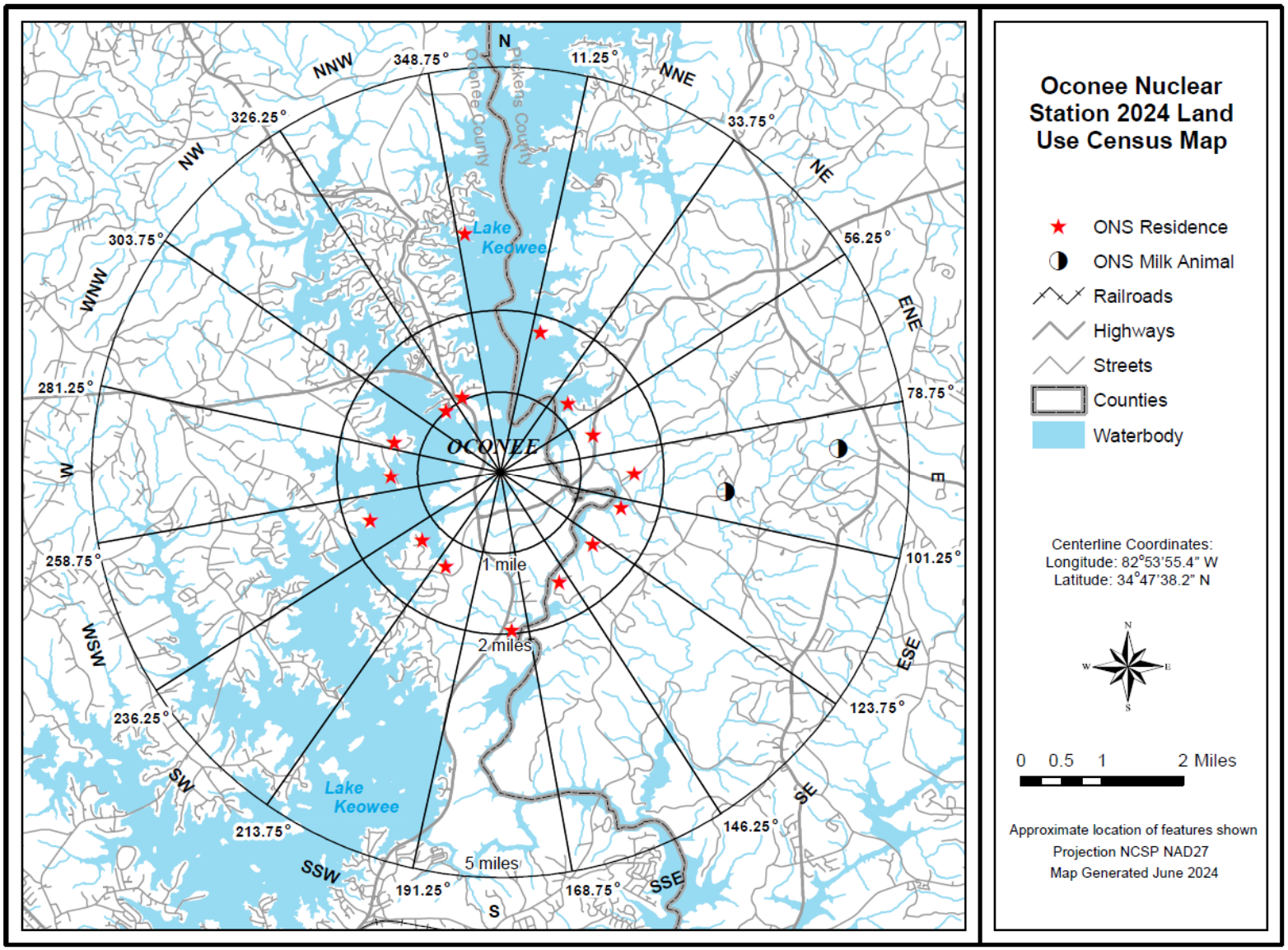
Table 3.9 Oconee 2024 Land Use Census Results

Nearest Pathways (Miles)

SECTOR	RESIDENCE		MILK ANIMAL	
	2023	2024	2023	2024
North	2.98	2.98	---	---
North-Northeast	1.80	1.80	---	---
Northeast	1.20	1.20	---	---
East-Northeast	1.24	1.24	---	---
East	1.64	1.64	4.18	2.79*
East-Southeast	1.57	1.57	---	---
Southeast	1.46	1.46	---	---
South-Southeast	1.54	1.54	---	---
South	1.96	1.96	---	---
South-Southwest	1.34	1.34	---	---
Southwest	1.27	1.27	---	---
West-Southwest	1.73	1.73	---	---
West	1.35	1.35	---	---
West-Northwest	1.35	1.35	---	---
Northwest	1.04	1.04	---	---
North-Northwest	1.03	1.03	---	---

NOTE: Sector and distances were determined by Global Positioning System
--- Indicates no occurrences within the 5 mile radius

Figure 3.9


Oconee Nuclear Station 2024 Land Use Census Map
ONS Residence
ONS Milk Animal
Railroads
Highways
Streets
Counties
Waterbody
Centerline Coordinates:
Longitude: 82°53'55.4" W
Latitude: 34°47'38.2" N
0 0.5 1 2 Miles
Approximate location of features shown
Projection NCSP NAD27
Map Generated June 2024
N
NNW
348.75°
11.25°
NNE
326.25°
33.75°
NW
NE
303.75°
56.25°
WNW
ENE
281.25°
78.75°
W
E
258.75°
101.25°
WSW
ESE
236.25°
123.75°
SW
SE
213.75°
146.25°
SSW
SSE
191.25°
168.75°
S
Oconee County
Pickens County
Lake Keowee
OCONEE
1 mile
2 miles
5 miles

4.0 QUALITY ASSURANCE

4.1 SAMPLE COLLECTION

EnRad Laboratories and the Environmental Services Group performed the environmental sample collections as specified by approved sample collection procedures.

4.2 SAMPLE ANALYSIS

EnRad Laboratories performed the environmental sample analyses as specified by approved analysis procedures. EnRad Laboratories is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.3 DOSIMETRY ANALYSIS

The Dosimetry and Records group performed the environmental dosimetry measurements as specified by approved dosimetry analysis procedures. The Dosimetry and Records Laboratory is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.4 LABORATORY EQUIPMENT QUALITY ASSURANCE

4.4.1 DAILY QUALITY CONTROL

EnRad Laboratories has an internal quality assurance program which monitors each type of instrumentation for reliability and accuracy. Daily quality control checks ensure that instruments are in proper working order and these checks are used to monitor instrument performance.

4.4.2 CALIBRATION VERIFICATION

National Institute of Standards and Technology (NIST) standards that represent counting geometries are analyzed as unknowns at various frequencies ranging from weekly to annually to verify that efficiency calibrations are valid. The frequency is dependent upon instrument use and performance. Investigations are performed and documented should calibration verification data fall outside of the acceptable limits.

4.4.3 BATCH PROCESSING

Method quality control samples are analyzed with sample analyses that are processed in batches. These include tritium analyses in surface water and ground water samples.

4.5 DUKE ENERGY INTERLABORATORY COMPARISON PROGRAM

In 2024 Duke Energy Environmental Laboratory (EnRad) participated in interlaboratory programs to satisfy Radiological Environmental Monitoring Program requirements in Duke Energy nuclear plant Offsite Dose Calculation Manuals and Selected Licensee Commitments Manuals, as applicable.

EnRad Laboratory participated in an interlaboratory program with Eckert & Ziegler Analytics (EZA) in 2024. EZA results were evaluated against the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. All regulatory requirements continue to be met by the EZA Cross Check Program.

4.5.1 ECKERT & ZIEGLER ANALYTICS CROSS CHECK PROGRAM

EZA mixed gamma in liquid, mixed gamma in vegetation, mixed gamma in soil, low-level I-131 in liquid, mixed gamma air filter composites, I-131 air cartridges, gross beta in water, gross beta in filters, and tritium in water were analyzed at various times of the year at EnRad Laboratories. A summary of the applicable REMP EnRad Laboratory program results for 2024 is documented in Table 4.0-A.

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria.

4.6 INTERCOMPARISON PROGRAM

Oconee Nuclear Station routinely participates in an environmental sample intercomparison program. Program elements include sampling frequency and analysis parameters for drinking water, surface water, milk, fish, broadleaf vegetation, and shoreline sediment samples that have been collected. Samples are routinely split with a vendor laboratory for intercomparison analysis.

4.7 TLD INTERCOMPARISON PROGRAM

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimeters quarterly using the NIST-traceable Hopewell and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria. A summary of the 2024 Internal Cross Check (Duke Energy) Program is documented in Table 4.0-B.

TABLE 4.0-A

ECKERT & ZIEGLER ANALYTICS

CROSS CHECK PROGRAM

2024 Cross Check Results for EnRad Laboratories

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Results are reported directly to Eckert & Ziegler Analytics. Environmental cross check samples were analyzed in replicate, and the result closest to the mean is reported to Eckert & Ziegler Analytics. The acceptance criteria for the program was based on the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria based.

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Beta Filter in Planchet	E13975	Cs-137	2	pCi	222	232	0.96	Agreement
I-131 in Charcoal Cartridge	E13973	I-131	2	pCi	88.0	91.5	0.96	Agreement
Gamma in Soil	E13974	Ce-141	2	pCi/g	0.0818	0.0632	1.29	Agreement
		Co-60	2	pCi/g	0.599	0.659	0.91	Agreement
		Cr-51	2	pCi/g	0.407	0.491	0.83	Agreement
		Cs-134	2	pCi/g	0.376	0.408	0.92	Agreement
		Cs-137	2	pCi/g	0.403	0.451	0.89	Agreement
		Fe-59	2	pCi/g	0.269	0.293	0.92	Agreement
		Mn-54	2	pCi/g	0.322	0.344	0.94	Agreement
		Zn-65	2	pCi/g	0.159	0.167	0.95	Agreement
Gamma in Simulated Vegetation	E13981	Ce-141	3	pCi/g	0.236	0.226	1.05	Agreement
		Co-58	3	pCi/g	0.283	0.272	1.04	Agreement
		Co-60	3	pCi/g	0.446	0.429	1.04	Agreement
		Cr-51	3	pCi/g	0.486	0.499	0.97	Agreement
		Cs-134	3	pCi/g	0.312	0.341	0.92	Agreement
		Cs-137	3	pCi/g	0.238	0.232	1.03	Agreement
		Fe-59	3	pCi/g	0.214	0.207	1.04	Agreement
		Mn-54	3	pCi/g	0.298	0.294	1.01	Agreement
		Zn-65	3	pCi/g	0.524	0.501	1.05	Agreement

TABLE 4.0-A (Cont.)

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Gamma in Composite Filter	E13979	Ce-141	3	pCi	90.7	86.1	1.05	Agreement
		Co-58	3	pCi	107	104	1.03	Agreement
		Co-60	3	pCi	169	164	1.03	Agreement
		Cr-51	3	pCi	200	191	1.05	Agreement
		Cs-134	3	pCi	124	130	0.95	Agreement
		Cs-137	3	pCi	94.7	88.6	1.07	Agreement
		Fe-59	3	pCi	81.0	78.9	1.03	Agreement
		Mn-54	3	pCi	118	112	1.05	Agreement
		Zn-65	3	pCi	209	191	1.09	Agreement
Gamma in Water	E13980	Ce-141	3	pCi/L	147	129	1.14	Agreement
		Co-58	3	pCi/L	162	156	1.04	Agreement
		Co-60	3	pCi/L	258	246	1.05	Agreement
		Cr-51	3	pCi/L	291	287	1.02	Agreement
		Cs-134	3	pCi/L	189	195	0.97	Agreement
		Cs-137	3	pCi/L	142	133	1.07	Agreement
		Fe-59	3	pCi/L	133	119	1.12	Agreement
		Mn-54	3	pCi/L	183	169	1.08	Agreement
		Zn-65	3	pCi/L	318	288	1.11	Agreement
Milk LLI-131	E13976	I-131	2	pCi/L	93.2	90.0	1.04	Agreement
Gross Beta in Water	E13978	Cs-137	2	pCi/L	272	292	0.93	Agreement
Tritium in Water	E13982	H-3	3	pCi/L	1.42E+04	1.45E+04	0.98	Agreement

TABLE 4.0-B

2024 ENVIRONMENTAL DOSIMETER

CROSS CHECK RESULTS

Internal Crosscheck (Duke Energy

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimetry quarterly and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria.

1st Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100181	55.60	55.58	0.04	<+/-20%	Pass
100846	53.18	55.58	-4.32	<+/-20%	Pass
102937	59.62	55.58	7.27	<+/-20%	Pass
100847	53.86	55.58	-3.09	<+/-20%	Pass
101382	54.43	55.58	-2.07	<+/-20%	Pass
100945	54.12	55.58	-2.63	<+/-20%	Pass
101232	55.07	55.58	-0.92	<+/-20%	Pass
100148	53.84	55.58	-3.13	<+/-20%	Pass
100734	53.03	55.58	-4.59	<+/-20%	Pass
101019	54.70	55.58	-1.58	<+/-20%	Pass
		Average Bias (B)	-1.50		
		Standard Deviation (S)	3.40		
		Measure Performance |B|+S	4.90	<20%	Pass

2nd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100755	17.91	18.47	-3.03	<+/-20%	Pass
100757	18.62	18.47	0.81	<+/-20%	Pass
100760	18.07	18.47	-2.17	<+/-20%	Pass
100740	18.43	18.47	-0.22	<+/-20%	Pass
100762	18.16	18.47	-1.68	<+/-20%	Pass
100867	18.44	18.47	-0.16	<+/-20%	Pass
100775	18.72	18.47	1.35	<+/-20%	Pass
100768	18.42	18.47	-0.27	<+/-20%	Pass
100763	18.55	18.47	0.43	<+/-20%	Pass
100759	18.25	18.47	-1.19	<+/-20%	Pass
		Average Bias (B)	-0.61		
		Standard Deviation (S)	1.38		
		Measure Performance |B|+S	1.99	<20%	Pass

3rd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
103630	63.62	55.11	15.44	<+/-20%	Pass
100358	56.86	55.11	3.18	<+/-20%	Pass
103024	63.29	55.11	14.84	<+/-20%	Pass
104549	56.55	55.11	2.61	<+/-20%	Pass
103354	61.48	55.11	11.56	<+/-20%	Pass
102759	62.68	55.11	13.74	<+/-20%	Pass
103631	61.82	55.11	12.18	<+/-20%	Pass
102211	59.92	55.11	8.73	<+/-20%	Pass
103762	61.29	55.11	11.21	<+/-20%	Pass
103381	60.48	55.11	9.74	<+/-20%	Pass
		Average Bias (B)	10.32		
		Standard Deviation (S)	4.44		
		Measure Performance |B|+S	14.76	<20%	Pass

4th Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
104277	39.21	40.13	-2.29	<+/-20%	Pass
103273	43.04	40.13	7.25	<+/-20%	Pass
104821	39.65	40.13	-1.20	<+/-20%	Pass
103069	43.14	40.13	7.50	<+/-20%	Pass
103440	41.48	40.13	3.36	<+/-20%	Pass
103504	43.11	40.13	7.43	<+/-20%	Pass
102427	42.39	40.13	5.63	<+/-20%	Pass
103063	42.69	40.13	6.38	<+/-20%	Pass
102962	41.68	40.13	3.86	<+/-20%	Pass
104115	38.22	40.13	-4.76	<+/-20%	Pass
		Average Bias (B)	3.32		
		Standard Deviation (S)	4.50		
		Measure Performance |B|+S	7.81	<20%	Pass

APPENDIX A

ENVIRONMENTAL SAMPLING
&
ANALYSIS PROCEDURES

APPENDIX A

ENVIRONMENTAL SAMPLING AND ANALYSIS PROCEDURES

Adherence to established procedures for sampling and analysis of all environmental media at Oconee Nuclear Station is required to ensure compliance with Station Selected Licensee Commitments. Analytical procedures were employed to ensure that Selected Licensee Commitments detection capabilities were achieved.

Environmental sampling and analyses were performed by EnRad Laboratories, Dosimetry and Records and Environmental Services.

This appendix provides a description of the specific analyses performed on samples collected in the field. Changes to the sampling procedures and analyses procedures are also discussed in the section.

I. CHANGE OF SAMPLING PROCEDURES

Goat Milk Location 073 was added to the REMP as a supplemental location on June 25, 2024, after it was identified during the 2024 Land Use Census (DRR 02518239).

Air Radioiodine and Air Particulate Location 094 was added to the REMP as an indicator location on June 25, 2024, after the 2024 Land Use Census identified new closer residents in the West sector (DRR 02518239).

II. DESCRIPTION OF ANALYSIS PROCEDURES

Gamma spectroscopy analyses are performed using high purity germanium gamma detectors and Mirion analytical software. Designated sample volumes are transferred to appropriate counting geometries and analyzed by gamma spectroscopy. Perishable samples such as fish and broadleaf vegetation are ground to achieve a homogeneous mixture. Soils and sediments are dried, sifted to remove foreign objects (rocks, clams, glass, etc.) and then transferred to appropriate counting geometry.

Low-level iodine analyses are performed by passing a designated sample aliquot through a pre-determined amount of ion exchange resin to remove and concentrate any iodine in the aqueous sample (milk). The resin is then dried and mixed thoroughly, before being transferred to appropriate counting geometry and analyzed by gamma spectroscopy.

Tritium analyses are performed by using low-level environmental liquid scintillation analysis technique on a Perkin-Elmer 4910TR liquid scintillation system or a Perkin-Elmer 3110TR liquid scintillation system. Tritium samples are distilled, and batch

processed with a laboratory fortified blank, matrix spike, matrix spike duplicate, and blank to verify instrument performance, sample preparation technique are acceptable, and sample contamination has not occurred.

Gross beta analysis of air filters is performed by analyzing filters on Tennelec XLB Series 5 gas-flow proportional counters. Samples are batch processed with a blank to ensure sample contamination has not occurred.

Gross beta analysis of liquid samples is performed by concentrating a designated aliquot of sample and analyzing by Perkin-Elmer 4910TR liquid scintillation system. Samples are batch processed with a laboratory fortified blank and blank to verify instrument performance and ensure sample contamination has not occurred.

III. CHANGE OF ANALYSIS PROCEDURES

A change was made to the gamma spectroscopy Analysis Sequence File used by the Mirion analytical software. The option of using the 95% critical level test was implemented in October 2024 in the Analysis Sequence File as recommended by Mirion and to be consistent with the Duke Energy nuclear fleet countrooms.

APPENDIX B

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

SUMMARY OF RESULTS

2024

OCONEE NUCLEAR STATION
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Oconee Nuclear Station
Oconee County, South Carolina

Docket Numbers 50-269, 270, 287
Calendar Year 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations[2][3] Mean Range	Location w/Highest Annual Mean: Name, Distance, and Direction	Location w/Highest Annual Mean: Mean Range[2][3]	Control Locations Mean Range[2][3]	No. of Non-Routine Report Meas.
Air Particulate (pCi/m^3)	Gross Beta 287[4]	See Table 2.2-C	2.43E-02 (235/235) 5.42E-03 – 4.58E-02	085 (0.88 mi NNW)	2.61E-02 (52/52) 8.04E-03 – 4.58E-02	093 (9.34 mi SE) 2.35E-02 (52/52) 8.32E-03 – 4.33E-02	0
	Gamma 23[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Air Radioiodine (pCi/m^3)	Gamma 287[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Drinking Water (pCi/l)	Gross Beta 39	See Table 2.2-C	4.03E+00 (1/26) 4.03E+00 – 4.03E+00	060 (3.23 mi NE)	4.03E+00 (1/13) 4.03E+00 – 4.03E+00	064 (6.67 mi SSW) 4.10E+00 (1/13) 4.10E+00 – 4.10E+00	0
	Gamma 39	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium 12[6]	See Table 2.2-C	4.05E+02 (4/8) 3.12E+02 – 4.96E+02	066 (18.9 mi SSE)	4.05E+02 (4/4) 3.12E+02 – 4.96E+02	All less than LLD	0
Surface Water (pCi/l)	Gamma 26[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium 8[4][6]	See Table 2.2-C	8.70E+03 (4/4) 3.77E+03 – 1.51E+04	063.1 (0.79 mi E)	8.70E+03 (4/4) 3.77E+03 – 1.51E+04	All less than LLD	0

OCONEE NUCLEAR STATION
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

Oconee Nuclear Station
Oconee County, South Carolina

Docket Numbers 50-269, 270, 287
Calendar Year 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations[2][3] Mean Range	Location w/Highest Annual Mean		Control Locations Mean Range[2][3]	No. of Non-Routine Report Meas.
				Name, Distance, and Direction	Mean Range[2][3]		
Milk (pCi/l)	Gamma 45[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	I-131 45[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Broadleaf Vegetation (pCi/kg, wet)	Gamma 36	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Fish (pCi/kg, wet)	Gamma 12	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Sediments--Shoreline (pCi/kg, dry)	Gamma 6	See Table 2.2-C	-----	-----	-----	All less than LLD	0
	Cs-137	See Table 2.2-C	1.43E+02 (1/4) 1.43E+02 – 1.43E+02	091 (2.09 mi S)	1.43E+02 (1/2) 1.43E+02 – 1.43E+02	All less than LLD	
TLD (mR per STD-quarter)[5]	TLD Readout 195[4]	-----	2.18E+01 (187/187) 1.44E+01 – 3.46E+01	024 (0.81 mi E)	2.92E+01 (4/4) 2.68E+01 – 3.46E+01	058 (9.39 mi WSW) 093 (9.34 mi SE) 2.75E+01 (8/8) 2.24E+01 – 3.50E+01	0

Footnotes to Appendix B

1. The Lower Limit of Detection (LLD) is the smallest concentration of radioactive material in a sample that will yield a net count above system background which will be detected with 95 percent probability and with only 5 percent probability of falsely concluding that a blank observation represents a "real" signal. Due to counting statistics and varying volumes, occasionally lower LLDs are achieved. Refer to Section 2.3.2 for an explanation of how LLD values were derived.

2. Mean and range are based on detectable measurements only.

3. The fractions of all samples with detectable activities at specific locations are indicated in parentheses.

4. Missing samples or surveillances are discussed in Appendix C or Appendix D.

5. TLD exposure is reported in milliroentgen (mR) per standard quarter (91 days).

6. Quarterly tritium composites determined using quarter days (92 days +/- 25% (23 days)).

APPENDIX C

SAMPLING DEVIATIONS
&
UNAVAILABLE ANALYSES

APPENDIX C

OCONEE NUCLEAR STATION
SAMPLING DEVIATIONS & UNAVAILABLE ANALYSES

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown Fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

C.1 SAMPLING DEVIATIONS

Air Particulate and Air Radioiodine

REMP weekly air samples (Air Particulate (AP) or Air Radioiodine (AR)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The air samplers operated for a total of 99.48% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
093	1/8 – 1/16/2024	SM	2.07 hours downtime, power interruption due to seized pump motor. The air sampler was replaced.	NCR # 02501459
078.1	1/8 – 1/16/2024	PI	49.09 hours downtime, power interruption due to tripped breaker. The breaker was reset.	NCR # 02501452
079	3/25 – 4/12024	PI	7.70 hours downtime, power interruption due to storm tripping breaker. The breaker was replaced due to being unable to reset.	NCR # 02511248
079	7/1 – 7/8/2024	PI	2.87 hours downtime, power interruption due tripped breaker. The breaker was reset.	NCR # 02521966
093	8/12 – 8/19/2024	PI	0.84 hours downtime, power interruption due to unknown reason. Sampler was running at time of collection.	NCR # 02526235
093	9/23 – 9/30/2024	PI	2.53 hours downtime, power interruption due to Hurricane Helene.	NCR # 02530498
077	9/23 – 9/30/2024	PI	100.29 hours downtime, power interruption due to Hurricane Helene.	NCR # 02530824
078.1	9/23 – 9/30/2024	PI	12.32 hours downtime, power interruption due to Hurricane Helene.	NCR # 02530829
085	9/23 – 9/30/2024	PI	36.28 hours downtime, power interruption due to Hurricane Helene.	NCR # 02530507
094	9/23 – 9/30/2024	PI	12.37 hours downtime, power interruption due to Hurricane Helene.	NCR # 02530506
079	9/23 – 9/30/2024	PI	2.02 hours downtime, power interruption due to Hurricane Helene.	NCR # 02530503
077	9/30 – 10/7/2024	PI	31.96 hours downtime, power interruption due to Hurricane Helene.	NCR # 02531259

Drinking Water and Surface Water

REMP monthly drinking water samples (Drinking Water (DW)) or surface water samples (Surface Water (SW)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The drinking and surface water samplers operated for a total of 99.94% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
063.1	6/10 – 7/8/2024	OT	Downtime was unable to be determined, due to the submersible pump being out of service. There was enough water in the composite sampler to fulfill sampling requirements, so there is no missed surveillance. A work request was submitted to repair the submersible pump, restoring normal sampling.	NCR # 02521874
063.1	7/8 – 8/5/2024	PS	Downtime was unable to be determined, due to the submersible pump being out of service. There was enough water in the composite sampler to fulfill sampling requirements, so there is no missed surveillance. A work request was submitted to repair the submersible pump, restoring normal sampling.	NCR # 02523539 NCR # 02527135
062	9/3 – 9/30/2024	PS	24 hours downtime was determined, due to the power to the submersible pump being out of service. There was enough water in the composite sampler to fulfill sampling requirements. Power was restored to the submersible pump to restore normal sampling.	NCR # 02530512

C.2 UNAVAILABLE ANALYSES

Direct Gamma Radiation (TLD)

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
089	6/18 – 9/17/2024	VN	Alpha and Bravo TLDs were missing due to vandalism.	NCR # 02529231

Milk

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
061	7/29/2024	SU	Milk was seasonably unavailable due to goats not producing enough milk to support the REMP.	NCR # 02523846
073	10/21/2024	SU	Milk was seasonably unavailable due to goats not producing enough milk to support the REMP.	NCR # 02532714

APPENDIX D

ANALYTICAL DEVIATIONS

No Analytical Deviations were incurred for the
2024 Radiological Environmental Monitoring Program

APPENDIX E

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM RESULTS

2024

This appendix includes sample analysis report summaries and supportive data generated from each sample medium for 2024

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Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602998	1/2/2024 - 1/8/2024	Beta	2.92E-02	3.39E-03	3.10E-03
603887	1/8/2024 - 1/16/2024	Beta	2.43E-02	2.92E-03	2.68E-03
603999	1/16/2024 - 1/22/2024	Beta	2.69E-02	3.61E-03	3.49E-03
604243	1/22/2024 - 1/29/2024	Beta	6.45E-03	2.12E-03	3.03E-03
604557	1/29/2024 - 2/5/2024	Beta	1.92E-02	2.77E-03	3.02E-03
604846	2/5/2024 - 2/12/2024	Beta	1.72E-02	2.82E-03	3.02E-03
605165	2/12/2024 - 2/19/2024	Beta	2.21E-02	2.87E-03	2.98E-03
606290	2/19/2024 - 2/26/2024	Beta	2.72E-02	3.47E-03	3.40E-03
607171	2/26/2024 - 3/4/2024	Beta	1.92E-02	2.72E-03	2.90E-03
607712	3/4/2024 - 3/11/2024	Beta	1.40E-02	2.48E-03	2.90E-03
608949	3/11/2024 - 3/18/2024	Beta	2.39E-02	3.22E-03	3.22E-03
609355	3/18/2024 - 3/25/2024	Beta	2.12E-02	3.26E-03	3.64E-03
609544	3/25/2024 - 4/1/2024	Beta	2.22E-02	2.80E-03	2.75E-03
610012	1/2/2024 - 4/1/2024	Cs-134	<1.63E-03	0.00E+00	1.63E-03
		Cs-137	<1.93E-03	0.00E+00	1.93E-03
		Be-7	1.16E-01	3.28E-02	2.98E-02
		K-40	3.54E-02	1.74E-02	1.71E-02
610007	4/1/2024 - 4/8/2024	Beta	1.66E-02	2.84E-03	3.18E-03
610520	4/8/2024 - 4/15/2024	Beta	2.09E-02	3.04E-03	3.05E-03
611053	4/15/2024 - 4/22/2024	Beta	2.63E-02	3.32E-03	3.17E-03
611223	4/22/2024 - 4/29/2024	Beta	2.43E-02	3.44E-03	3.78E-03
611562	4/29/2024 - 5/6/2024	Beta	1.94E-02	2.69E-03	2.81E-03
611816	5/6/2024 - 5/14/2024	Beta	1.62E-02	2.66E-03	3.04E-03
612319	5/14/2024 - 5/20/2024	Beta	1.19E-02	2.96E-03	3.85E-03
612587	5/20/2024 - 5/28/2024	Beta	2.07E-02	2.53E-03	2.43E-03
612760	5/28/2024 - 6/3/2024	Beta	2.33E-02	3.66E-03	4.11E-03
613600	6/3/2024 - 6/10/2024	Beta	1.74E-02	2.95E-03	3.29E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614113	6/10/2024 - 6/17/2024	Beta	3.21E-02	3.59E-03	3.16E-03
614349	6/17/2024 - 6/24/2024	Beta	2.41E-02	3.35E-03	3.56E-03
614521	6/24/2024 - 7/1/2024	Beta	2.31E-02	3.37E-03	3.79E-03
614757	4/1/2024 - 7/1/2024	Cs-134	<1.44E-03	0.00E+00	1.44E-03
		Cs-137	<1.02E-03	0.00E+00	1.02E-03
		Be-7	1.42E-01	3.88E-02	4.04E-02
		K-40	1.88E-02	1.28E-02	1.45E-02
614752	7/1/2024 - 7/8/2024	Beta	1.93E-02	2.96E-03	3.07E-03
615129	7/8/2024 - 7/15/2024	Beta	2.29E-02	3.16E-03	3.08E-03
615938	7/15/2024 - 7/22/2024	Beta	2.53E-02	3.27E-03	3.18E-03
616400	7/22/2024 - 7/29/2024	Beta	1.78E-02	3.12E-03	3.73E-03
616672	7/29/2024 - 8/5/2024	Beta	2.06E-02	2.72E-03	2.73E-03
617073	8/5/2024 - 8/12/2024	Beta	2.13E-02	3.12E-03	3.20E-03
617551	8/12/2024 - 8/19/2024	Beta	3.64E-02	3.36E-03	2.69E-03
618045	8/19/2024 - 8/26/2024	Beta	2.58E-02	3.38E-03	3.39E-03
618225	8/26/2024 - 9/3/2024	Beta	3.63E-02	3.09E-03	2.31E-03
618462	9/3/2024 - 9/9/2024	Beta	2.42E-02	3.62E-03	3.84E-03
619537	9/9/2024 - 9/16/2024	Beta	2.85E-02	3.38E-03	3.12E-03
619811	9/16/2024 - 9/23/2024	Beta	2.71E-02	3.33E-03	3.11E-03
620194	9/23/2024 - 9/27/2024	Beta	2.65E-02	4.58E-03	5.33E-03
620412	7/1/2024 - 9/27/2024	Cs-134	<1.74E-03	0.00E+00	1.74E-03
		Cs-137	<1.78E-03	0.00E+00	1.78E-03
		Be-7	1.42E-01	3.86E-02	3.69E-02
		K-40	<3.68E-02	0.00E+00	3.68E-02
620406	10/2/2024 - 10/7/2024	Beta	3.96E-02	6.20E-03	6.25E-03
620706	10/7/2024 - 10/14/2024	Beta	3.83E-02	3.84E-03	3.23E-03
621272	10/14/2024 - 10/21/2024	Beta	2.31E-02	3.28E-03	3.45E-03
621666	10/21/2024 - 10/28/2024	Beta	4.46E-02	4.21E-03	3.68E-03
622016	10/28/2024 - 11/4/2024	Beta	3.34E-02	3.79E-03	3.72E-03

Sample Point 077 [INDICATOR - SW @ 1 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
622290	11/4/2024 - 11/11/2024	Beta	1.70E-02	3.08E-03	3.67E-03
622649	11/11/2024 - 11/18/2024	Beta	2.84E-02	3.00E-03	2.52E-03
622929	11/18/2024 - 11/25/2024	Beta	2.84E-02	3.33E-03	2.98E-03
623253	11/25/2024 - 12/2/2024	Beta	2.93E-02	3.44E-03	3.13E-03
624092	12/2/2024 - 12/9/2024	Beta	4.01E-02	4.04E-03	3.58E-03
624620	12/9/2024 - 12/16/2024	Beta	2.30E-02	3.18E-03	3.26E-03
624827	12/16/2024 - 12/23/2024	Beta	1.67E-02	2.81E-03	3.09E-03
625042	12/23/2024 - 12/30/2024	Beta	2.63E-02	3.44E-03	3.54E-03
625275	10/2/2024 - 12/30/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.21E-03	0.00E+00	1.21E-03
		Be-7	1.17E-01	3.51E-02	3.22E-02
		K-40	<2.98E-02	0.00E+00	2.98E-02

Sample Point 078.1 [INDICATOR - WSW @ 0.53 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602999	1/2/2024 - 1/8/2024	Beta	2.27E-02	3.09E-03	3.10E-03
603888	1/8/2024 - 1/16/2024	Beta	1.93E-02	3.28E-03	3.59E-03
604000	1/16/2024 - 1/22/2024	Beta	2.06E-02	3.31E-03	3.50E-03
604244	1/22/2024 - 1/29/2024	Beta	5.42E-03	2.06E-03	3.03E-03
604558	1/29/2024 - 2/5/2024	Beta	1.52E-02	2.58E-03	3.01E-03
604847	2/5/2024 - 2/12/2024	Beta	1.65E-02	2.78E-03	3.02E-03
605166	2/12/2024 - 2/19/2024	Beta	1.74E-02	2.66E-03	2.98E-03
606291	2/19/2024 - 2/26/2024	Beta	2.10E-02	3.19E-03	3.40E-03
607172	2/26/2024 - 3/4/2024	Beta	1.22E-02	2.39E-03	2.90E-03
607713	3/4/2024 - 3/11/2024	Beta	1.19E-02	2.36E-03	2.90E-03
608950	3/11/2024 - 3/18/2024	Beta	2.09E-02	3.07E-03	3.21E-03
609356	3/18/2024 - 3/25/2024	Beta	1.88E-02	3.14E-03	3.65E-03
609545	3/25/2024 - 4/1/2024	Beta	2.21E-02	2.80E-03	2.75E-03
610013	1/2/2024 - 4/1/2024	Cs-134	<2.00E-03	0.00E+00	2.00E-03
		Cs-137	<1.39E-03	0.00E+00	1.39E-03
		Be-7	9.93E-02	3.57E-02	4.31E-02

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
610013	1/2/2024 - 4/1/2024	K-40	<3.17E-02	0.00E+00	3.17E-02
610008	4/1/2024 - 4/8/2024	Beta	1.53E-02	2.77E-03	3.18E-03
610521	4/8/2024 - 4/15/2024	Beta	1.98E-02	2.98E-03	3.05E-03
611054	4/15/2024 - 4/22/2024	Beta	2.18E-02	3.11E-03	3.17E-03
611224	4/22/2024 - 4/29/2024	Beta	2.12E-02	3.30E-03	3.78E-03
611563	4/29/2024 - 5/6/2024	Beta	1.61E-02	2.54E-03	2.81E-03
611817	5/6/2024 - 5/13/2024	Beta	1.43E-02	2.85E-03	3.51E-03
612320	5/13/2024 - 5/20/2024	Beta	1.40E-02	2.74E-03	3.26E-03
612588	5/20/2024 - 5/28/2024	Beta	1.81E-02	2.41E-03	2.42E-03
612761	5/28/2024 - 6/3/2024	Beta	2.20E-02	3.60E-03	4.12E-03
613601	6/3/2024 - 6/10/2024	Beta	1.52E-02	2.83E-03	3.30E-03
614114	6/10/2024 - 6/17/2024	Beta	3.08E-02	3.53E-03	3.15E-03
614350	6/17/2024 - 6/24/2024	Beta	2.30E-02	3.30E-03	3.56E-03
614522	6/24/2024 - 7/1/2024	Beta	1.90E-02	3.22E-03	3.83E-03
614758	4/1/2024 - 7/1/2024	Cs-134	<1.47E-03	0.00E+00	1.47E-03
		Cs-137	<1.58E-03	0.00E+00	1.58E-03
		Be-7	1.59E-01	3.86E-02	3.37E-02
		K-40	<3.06E-02	0.00E+00	3.06E-02
614753	7/1/2024 - 7/8/2024	Beta	1.70E-02	2.85E-03	3.07E-03
615130	7/8/2024 - 7/15/2024	Beta	2.48E-02	3.25E-03	3.08E-03
615939	7/15/2024 - 7/22/2024	Beta	2.15E-02	3.09E-03	3.18E-03
616401	7/22/2024 - 7/29/2024	Beta	1.96E-02	3.20E-03	3.73E-03
616673	7/29/2024 - 8/5/2024	Beta	2.04E-02	2.71E-03	2.73E-03
617074	8/5/2024 - 8/12/2024	Beta	1.93E-02	3.02E-03	3.20E-03
617552	8/12/2024 - 8/19/2024	Beta	3.32E-02	3.24E-03	2.69E-03
618046	8/19/2024 - 8/26/2024	Beta	2.41E-02	3.31E-03	3.39E-03
618226	8/26/2024 - 9/3/2024	Beta	3.49E-02	3.04E-03	2.31E-03

Sample Point 078.1 [INDICATOR - WSW @ 0.53 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
618463	9/3/2024 - 9/9/2024	Beta	2.45E-02	3.63E-03	3.84E-03
619538	9/9/2024 - 9/16/2024	Beta	2.78E-02	3.35E-03	3.12E-03
619812	9/16/2024 - 9/23/2024	Beta	2.52E-02	3.25E-03	3.11E-03
620413	7/1/2024 - 9/23/2024	Cs-134	<1.07E-03	0.00E+00	1.07E-03
		Cs-137	<1.28E-03	0.00E+00	1.28E-03
		Be-7	1.19E-01	3.70E-02	4.02E-02
		K-40	<3.92E-02	0.00E+00	3.92E-02
620195	9/23/2024 - 10/1/2024	Beta	2.88E-02	3.00E-03	2.73E-03
620407	10/1/2024 - 10/7/2024	Beta	3.45E-02	5.03E-03	4.87E-03
620707	10/7/2024 - 10/14/2024	Beta	3.81E-02	3.83E-03	3.23E-03
621273	10/14/2024 - 10/21/2024	Beta	2.22E-02	3.25E-03	3.45E-03
621667	10/21/2024 - 10/28/2024	Beta	4.07E-02	4.02E-03	3.60E-03
622017	10/28/2024 - 11/4/2024	Beta	3.15E-02	3.72E-03	3.72E-03
622291	11/4/2024 - 11/11/2024	Beta	1.67E-02	3.07E-03	3.68E-03
622650	11/11/2024 - 11/18/2024	Beta	2.63E-02	2.91E-03	2.52E-03
622930	11/18/2024 - 11/25/2024	Beta	2.54E-02	3.20E-03	2.98E-03
623254	11/25/2024 - 12/2/2024	Beta	2.94E-02	3.44E-03	3.13E-03
624093	12/2/2024 - 12/9/2024	Beta	3.70E-02	3.93E-03	3.58E-03
624621	12/9/2024 - 12/16/2024	Beta	2.40E-02	3.23E-03	3.26E-03
624828	12/16/2024 - 12/23/2024	Beta	1.53E-02	2.74E-03	3.09E-03
625043	12/23/2024 - 12/30/2024	Beta	2.99E-02	3.59E-03	3.54E-03
625276	10/1/2024 - 12/30/2024	Cs-134	<1.51E-03	0.00E+00	1.51E-03
		Cs-137	<1.37E-03	0.00E+00	1.37E-03
		Be-7	1.17E-01	3.70E-02	3.82E-02
		K-40	<3.45E-02	0.00E+00	3.45E-02

Sample Point 079 [INDICATOR - NE @ 0.56 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
603000	1/2/2024 - 1/8/2024	Beta	2.85E-02	3.36E-03	3.10E-03
603889	1/8/2024 - 1/16/2024	Beta	2.67E-02	3.02E-03	2.67E-03
604001	1/16/2024 - 1/22/2024	Beta	2.51E-02	3.52E-03	3.49E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
604245	1/22/2024 - 1/29/2024	Beta	7.45E-03	2.19E-03	3.04E-03
604559	1/29/2024 - 2/5/2024	Beta	2.42E-02	2.98E-03	3.01E-03
604848	2/5/2024 - 2/12/2024	Beta	2.11E-02	3.02E-03	3.02E-03
605167	2/12/2024 - 2/19/2024	Beta	2.47E-02	2.98E-03	2.97E-03
606292	2/19/2024 - 2/26/2024	Beta	2.53E-02	3.40E-03	3.42E-03
607173	2/26/2024 - 3/4/2024	Beta	1.93E-02	2.72E-03	2.90E-03
607714	3/4/2024 - 3/11/2024	Beta	1.57E-02	2.55E-03	2.89E-03
608951	3/11/2024 - 3/18/2024	Beta	2.56E-02	3.30E-03	3.22E-03
609357	3/18/2024 - 3/25/2024	Beta	1.98E-02	3.21E-03	3.66E-03
609546	3/25/2024 - 4/1/2024	Beta	2.06E-02	2.83E-03	2.88E-03
610014	1/2/2024 - 4/1/2024	Cs-134	<2.16E-03	0.00E+00	2.16E-03
		Cs-137	<1.03E-03	0.00E+00	1.03E-03
		Be-7	1.38E-01	3.61E-02	3.27E-02
		K-40	<3.40E-02	0.00E+00	3.40E-02
610009	4/1/2024 - 4/8/2024	Beta	1.28E-02	2.64E-03	3.18E-03
610522	4/8/2024 - 4/15/2024	Beta	2.18E-02	3.07E-03	3.03E-03
611055	4/15/2024 - 4/22/2024	Beta	2.35E-02	3.20E-03	3.18E-03
611225	4/22/2024 - 4/29/2024	Beta	2.37E-02	3.41E-03	3.79E-03
611564	4/29/2024 - 5/6/2024	Beta	1.72E-02	2.59E-03	2.81E-03
611818	5/6/2024 - 5/13/2024	Beta	1.65E-02	2.96E-03	3.50E-03
612321	5/13/2024 - 5/20/2024	Beta	1.39E-02	2.74E-03	3.28E-03
612589	5/20/2024 - 5/28/2024	Beta	1.92E-02	2.45E-03	2.42E-03
612762	5/28/2024 - 6/3/2024	Beta	1.94E-02	3.48E-03	4.13E-03
613602	6/3/2024 - 6/10/2024	Beta	1.93E-02	3.04E-03	3.29E-03
614115	6/10/2024 - 6/17/2024	Beta	3.55E-02	3.73E-03	3.15E-03
614351	6/17/2024 - 6/24/2024	Beta	2.15E-02	3.23E-03	3.55E-03
614523	6/24/2024 - 7/1/2024	Beta	2.17E-02	3.33E-03	3.81E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614759	4/1/2024 - 7/1/2024	Cs-134	<1.29E-03	0.00E+00	1.29E-03
		Cs-137	<1.71E-03	0.00E+00	1.71E-03
		Be-7	1.48E-01	3.76E-02	3.43E-02
		K-40	<3.01E-02	0.00E+00	3.01E-02
614754	7/1/2024 - 7/8/2024	Beta	1.96E-02	3.02E-03	3.13E-03
615131	7/8/2024 - 7/15/2024	Beta	2.57E-02	3.29E-03	3.08E-03
615940	7/15/2024 - 7/22/2024	Beta	2.10E-02	3.07E-03	3.18E-03
616402	7/22/2024 - 7/29/2024	Beta	1.82E-02	3.14E-03	3.74E-03
616674	7/29/2024 - 8/5/2024	Beta	2.07E-02	2.72E-03	2.72E-03
617075	8/5/2024 - 8/12/2024	Beta	1.97E-02	3.04E-03	3.19E-03
617553	8/12/2024 - 8/19/2024	Beta	3.65E-02	3.37E-03	2.70E-03
618047	8/19/2024 - 8/26/2024	Beta	2.73E-02	3.46E-03	3.40E-03
618227	8/26/2024 - 9/3/2024	Beta	3.60E-02	3.08E-03	2.30E-03
618464	9/3/2024 - 9/9/2024	Beta	1.99E-02	3.39E-03	3.82E-03
619539	9/9/2024 - 9/16/2024	Beta	3.04E-02	3.46E-03	3.12E-03
619813	9/16/2024 - 9/23/2024	Beta	2.58E-02	3.28E-03	3.12E-03
620196	9/23/2024 - 9/30/2024	Beta	2.41E-02	2.95E-03	2.93E-03
620414	7/1/2024 - 9/30/2024	Cs-134	<1.81E-03	0.00E+00	1.81E-03
		Cs-137	<1.59E-03	0.00E+00	1.59E-03
		Be-7	1.02E-01	3.32E-02	3.59E-02
		K-40	<3.53E-02	0.00E+00	3.53E-02
620408	9/30/2024 - 10/7/2024	Beta	3.31E-02	4.51E-03	4.20E-03
620708	10/7/2024 - 10/15/2024	Beta	3.98E-02	3.58E-03	2.81E-03
621274	10/15/2024 - 10/21/2024	Beta	2.36E-02	3.70E-03	4.06E-03
621668	10/21/2024 - 10/28/2024	Beta	4.35E-02	4.11E-03	3.59E-03
622018	10/28/2024 - 11/4/2024	Beta	3.16E-02	3.74E-03	3.74E-03
622292	11/4/2024 - 11/11/2024	Beta	1.67E-02	3.06E-03	3.67E-03
622651	11/11/2024 - 11/18/2024	Beta	2.79E-02	2.98E-03	2.53E-03
622931	11/18/2024 - 11/25/2024	Beta	2.75E-02	3.29E-03	2.98E-03

Sample Point 079 [INDICATOR - NE @ 0.56 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
623255	11/25/2024 - 12/2/2024	Beta	2.77E-02	3.37E-03	3.13E-03
624094	12/2/2024 - 12/9/2024	Beta	3.97E-02	4.02E-03	3.58E-03
624622	12/9/2024 - 12/16/2024	Beta	2.51E-02	3.27E-03	3.24E-03
624829	12/16/2024 - 12/23/2024	Beta	1.78E-02	2.88E-03	3.09E-03
625044	12/23/2024 - 12/30/2024	Beta	2.61E-02	3.44E-03	3.54E-03
625277	9/30/2024 - 12/30/2024	Cs-134	<1.62E-03	0.00E+00	1.62E-03
		Cs-137	<1.31E-03	0.00E+00	1.31E-03
		Be-7	1.01E-01	3.88E-02	4.63E-02
		K-40	2.96E-02	1.70E-02	1.84E-02

Sample Point 085 [INDICATOR - NNW @ 0.88 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
603001	1/2/2024 - 1/8/2024	Beta	2.63E-02	3.26E-03	3.10E-03
603890	1/8/2024 - 1/16/2024	Beta	2.82E-02	3.09E-03	2.67E-03
604002	1/16/2024 - 1/22/2024	Beta	2.52E-02	3.54E-03	3.50E-03
604246	1/22/2024 - 1/29/2024	Beta	8.04E-03	2.21E-03	3.03E-03
604560	1/29/2024 - 2/5/2024	Beta	2.01E-02	2.81E-03	3.01E-03
604849	2/5/2024 - 2/12/2024	Beta	1.86E-02	2.89E-03	3.02E-03
605168	2/12/2024 - 2/19/2024	Beta	2.33E-02	2.93E-03	2.98E-03
606293	2/19/2024 - 2/26/2024	Beta	2.30E-02	3.28E-03	3.40E-03
607174	2/26/2024 - 3/4/2024	Beta	1.89E-02	2.71E-03	2.90E-03
607715	3/4/2024 - 3/11/2024	Beta	1.30E-02	2.42E-03	2.90E-03
608952	3/11/2024 - 3/18/2024	Beta	2.49E-02	3.26E-03	3.22E-03
609358	3/18/2024 - 3/25/2024	Beta	1.85E-02	3.14E-03	3.65E-03
609547	3/25/2024 - 4/1/2024	Beta	2.57E-02	2.96E-03	2.75E-03
610015	1/2/2024 - 4/1/2024	Cs-134	<1.52E-03	0.00E+00	1.52E-03
		Cs-137	<1.62E-03	0.00E+00	1.62E-03
		Be-7	1.22E-01	3.10E-02	1.80E-02
		K-40	<3.62E-02	0.00E+00	3.62E-02
610010	4/1/2024 - 4/8/2024	Beta	1.43E-02	2.72E-03	3.18E-03
610523	4/8/2024 - 4/15/2024	Beta	2.25E-02	3.10E-03	3.03E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
611056	4/15/2024 - 4/22/2024	Beta	2.57E-02	3.29E-03	3.17E-03
611226	4/22/2024 - 4/29/2024	Beta	2.59E-02	3.51E-03	3.78E-03
611565	4/29/2024 - 5/6/2024	Beta	2.06E-02	2.75E-03	2.81E-03
611819	5/6/2024 - 5/13/2024	Beta	1.59E-02	2.94E-03	3.52E-03
612322	5/13/2024 - 5/20/2024	Beta	1.42E-02	2.75E-03	3.26E-03
612590	5/20/2024 - 5/28/2024	Beta	2.17E-02	2.57E-03	2.42E-03
612763	5/28/2024 - 6/3/2024	Beta	1.90E-02	3.46E-03	4.13E-03
613603	6/3/2024 - 6/10/2024	Beta	1.72E-02	2.94E-03	3.30E-03
614116	6/10/2024 - 6/17/2024	Beta	3.48E-02	3.69E-03	3.15E-03
614352	6/17/2024 - 6/24/2024	Beta	2.68E-02	3.46E-03	3.54E-03
614524	6/24/2024 - 7/1/2024	Beta	2.40E-02	3.43E-03	3.82E-03
614760	4/1/2024 - 7/1/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.71E-03	0.00E+00	1.71E-03
		Be-7	1.91E-01	4.50E-02	4.05E-02
		K-40	5.46E-02	1.98E-02	4.62E-03
614755	7/1/2024 - 7/8/2024	Beta	1.87E-02	2.93E-03	3.07E-03
615132	7/8/2024 - 7/15/2024	Beta	2.79E-02	3.40E-03	3.07E-03
615941	7/15/2024 - 7/22/2024	Beta	2.63E-02	3.32E-03	3.18E-03
616403	7/22/2024 - 7/29/2024	Beta	2.07E-02	3.26E-03	3.74E-03
616675	7/29/2024 - 8/5/2024	Beta	2.44E-02	2.89E-03	2.73E-03
617076	8/5/2024 - 8/12/2024	Beta	2.44E-02	3.28E-03	3.20E-03
617554	8/12/2024 - 8/19/2024	Beta	3.90E-02	3.46E-03	2.69E-03
618048	8/19/2024 - 8/26/2024	Beta	3.16E-02	3.64E-03	3.39E-03
618228	8/26/2024 - 9/3/2024	Beta	4.48E-02	3.38E-03	2.31E-03
618465	9/3/2024 - 9/9/2024	Beta	2.99E-02	3.89E-03	3.84E-03
619540	9/9/2024 - 9/16/2024	Beta	3.49E-02	3.64E-03	3.11E-03
619814	9/16/2024 - 9/23/2024	Beta	2.86E-02	3.41E-03	3.11E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 085 [INDICATOR - NNW @ 0.88 miles]

Sample ID:	620197	Sample Dates: 9/23/2024 - 9/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.66E-02	3.54E-03	3.69E-03
Sample ID:	620415	Sample Dates: 7/1/2024 - 9/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<1.78E-03	0.00E+00	1.78E-03
			Cs-137	<1.46E-03	0.00E+00	1.46E-03
			Be-7	1.29E-01	3.78E-02	4.11E-02
			K-40	2.53E-02	1.32E-02	4.58E-03
Sample ID:	620409	Sample Dates: 9/30/2024 - 10/7/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.76E-02	4.72E-03	4.19E-03
Sample ID:	620709	Sample Dates: 10/7/2024 - 10/14/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.93E-02	3.88E-03	3.24E-03
Sample ID:	621275	Sample Dates: 10/14/2024 - 10/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.82E-02	3.51E-03	3.44E-03
Sample ID:	621669	Sample Dates: 10/21/2024 - 10/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	4.56E-02	4.20E-03	3.61E-03
Sample ID:	622019	Sample Dates: 10/28/2024 - 11/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.82E-02	3.98E-03	3.72E-03
Sample ID:	622293	Sample Dates: 11/4/2024 - 11/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	1.69E-02	3.08E-03	3.68E-03
Sample ID:	622652	Sample Dates: 11/11/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.38E-02	3.22E-03	2.52E-03
Sample ID:	622932	Sample Dates: 11/18/2024 - 11/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.94E-02	3.38E-03	2.98E-03
Sample ID:	623256	Sample Dates: 11/25/2024 - 12/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.36E-02	3.62E-03	3.13E-03
Sample ID:	624095	Sample Dates: 12/2/2024 - 12/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	4.58E-02	4.25E-03	3.58E-03
Sample ID:	624623	Sample Dates: 12/9/2024 - 12/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.69E-02	3.36E-03	3.25E-03
Sample ID:	624830	Sample Dates: 12/16/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.20E-02	3.08E-03	3.09E-03
Sample ID:	625045	Sample Dates: 12/23/2024 - 12/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.80E-02	3.52E-03	3.53E-03
Sample ID:	625278	Sample Dates: 9/30/2024 - 12/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<2.45E-03	0.00E+00	2.45E-03
			Cs-137	<1.73E-03	0.00E+00	1.73E-03
			Be-7	1.18E-01	4.20E-02	5.09E-02
			K-40	5.59E-02	2.39E-02	2.69E-02

Sample Point 093 [CONTROL - SE @ 9.34 miles]

Sample ID:	603002	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.81E-02	3.34E-03	3.10E-03
Sample ID:	603891	Sample Dates: 1/8/2024 - 1/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.81E-02	3.10E-03	2.70E-03
Sample ID:	604003	Sample Dates: 1/16/2024 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.55E-02	3.55E-03	3.49E-03
Sample ID:	604247	Sample Dates: 1/22/2024 - 1/29/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	8.32E-03	2.23E-03	3.03E-03
Sample ID:	604561	Sample Dates: 1/29/2024 - 2/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.00E-02	2.81E-03	3.03E-03
Sample ID:	604850	Sample Dates: 2/5/2024 - 2/12/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	1.59E-02	2.74E-03	3.01E-03

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
605169	2/12/2024 - 2/19/2024	Beta	2.12E-02	2.83E-03	2.98E-03
606294	2/19/2024 - 2/26/2024	Beta	2.21E-02	3.23E-03	3.39E-03
607175	2/26/2024 - 3/4/2024	Beta	1.77E-02	2.66E-03	2.91E-03
607716	3/4/2024 - 3/11/2024	Beta	1.13E-02	2.35E-03	2.92E-03
608953	3/11/2024 - 3/18/2024	Beta	2.15E-02	3.08E-03	3.19E-03
609359	3/18/2024 - 3/25/2024	Beta	2.00E-02	3.21E-03	3.65E-03
609548	3/25/2024 - 4/1/2024	Beta	2.17E-02	2.78E-03	2.74E-03
610016	1/2/2024 - 4/1/2024	Cs-134	<1.82E-03	0.00E+00	1.82E-03
		Cs-137	<1.37E-03	0.00E+00	1.37E-03
		Be-7	1.18E-01	3.36E-02	3.18E-02
		K-40	<3.11E-02	0.00E+00	3.11E-02
610011	4/1/2024 - 4/8/2024	Beta	1.62E-02	2.83E-03	3.18E-03
610524	4/8/2024 - 4/15/2024	Beta	2.07E-02	3.02E-03	3.05E-03
611057	4/15/2024 - 4/22/2024	Beta	2.59E-02	3.31E-03	3.19E-03
611227	4/22/2024 - 4/29/2024	Beta	2.33E-02	3.38E-03	3.77E-03
611566	4/29/2024 - 5/6/2024	Beta	1.97E-02	2.71E-03	2.81E-03
611820	5/6/2024 - 5/13/2024	Beta	1.34E-02	2.79E-03	3.49E-03
612323	5/13/2024 - 5/20/2024	Beta	1.47E-02	2.77E-03	3.26E-03
612591	5/20/2024 - 5/28/2024	Beta	1.94E-02	2.47E-03	2.43E-03
612764	5/28/2024 - 6/3/2024	Beta	1.76E-02	3.38E-03	4.12E-03
613604	6/3/2024 - 6/10/2024	Beta	2.02E-02	3.08E-03	3.28E-03
614117	6/10/2024 - 6/17/2024	Beta	3.32E-02	3.67E-03	3.20E-03
614353	6/17/2024 - 6/24/2024	Beta	2.40E-02	3.33E-03	3.53E-03
614525	6/24/2024 - 7/1/2024	Beta	2.34E-02	3.39E-03	3.79E-03
614761	4/1/2024 - 7/1/2024	Cs-134	<1.44E-03	0.00E+00	1.44E-03
		Cs-137	<1.32E-03	0.00E+00	1.32E-03
		Be-7	1.63E-01	3.89E-02	3.35E-02
		K-40	<2.88E-02	0.00E+00	2.88E-02
614756	7/1/2024 - 7/8/2024	Beta	1.84E-02	2.92E-03	3.06E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 093 [CONTROL - SE @ 9.34 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
615133	7/8/2024 - 7/15/2024	Beta	2.46E-02	3.25E-03	3.09E-03
615942	7/15/2024 - 7/22/2024	Beta	2.30E-02	3.16E-03	3.17E-03
616404	7/22/2024 - 7/29/2024	Beta	1.85E-02	3.15E-03	3.73E-03
616676	7/29/2024 - 8/5/2024	Beta	2.10E-02	2.75E-03	2.73E-03
617077	8/5/2024 - 8/12/2024	Beta	2.23E-02	3.17E-03	3.19E-03
617555	8/12/2024 - 8/19/2024	Beta	3.54E-02	3.34E-03	2.72E-03
618049	8/19/2024 - 8/26/2024	Beta	3.00E-02	3.58E-03	3.41E-03
618229	8/26/2024 - 9/3/2024	Beta	3.52E-02	3.03E-03	2.28E-03
618466	9/3/2024 - 9/9/2024	Beta	2.05E-02	3.44E-03	3.85E-03
619541	9/9/2024 - 9/16/2024	Beta	2.98E-02	3.46E-03	3.14E-03
619815	9/16/2024 - 9/23/2024	Beta	2.55E-02	3.25E-03	3.08E-03
620198	9/23/2024 - 9/30/2024	Beta	2.49E-02	2.99E-03	2.95E-03
620416	7/1/2024 - 9/30/2024	Cs-134	<2.32E-03	0.00E+00	2.32E-03
		Cs-137	<1.71E-03	0.00E+00	1.71E-03
		Be-7	1.63E-01	3.90E-02	3.22E-02
		K-40	<3.48E-02	0.00E+00	3.48E-02
620410	9/30/2024 - 10/7/2024	Beta	3.03E-02	4.37E-03	4.20E-03
620710	10/7/2024 - 10/14/2024	Beta	3.97E-02	3.89E-03	3.23E-03
621276	10/14/2024 - 10/21/2024	Beta	2.45E-02	3.35E-03	3.45E-03
621670	10/21/2024 - 10/28/2024	Beta	4.33E-02	4.11E-03	3.59E-03
622020	10/28/2024 - 11/4/2024	Beta	3.36E-02	3.81E-03	3.73E-03
622294	11/4/2024 - 11/11/2024	Beta	1.74E-02	3.10E-03	3.67E-03
622653	11/11/2024 - 11/18/2024	Beta	2.63E-02	2.95E-03	2.56E-03
622933	11/18/2024 - 11/25/2024	Beta	2.49E-02	3.17E-03	2.97E-03
623257	11/25/2024 - 12/2/2024	Beta	2.71E-02	3.35E-03	3.14E-03
624096	12/2/2024 - 12/9/2024	Beta	3.47E-02	3.84E-03	3.59E-03
624624	12/9/2024 - 12/16/2024	Beta	1.98E-02	3.05E-03	3.28E-03

Sample Point 093 [CONTROL - SE @ 9.34 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
624831	12/16/2024 - 12/23/2024	Beta	1.57E-02	2.74E-03	3.05E-03
625046	12/23/2024 - 12/30/2024	Beta	2.41E-02	3.34E-03	3.54E-03
625279	9/30/2024 - 12/30/2024	Cs-134	<1.53E-03	0.00E+00	1.53E-03
		Cs-137	<1.24E-03	0.00E+00	1.24E-03
		Be-7	9.20E-02	3.90E-02	5.04E-02
		K-40	2.69E-02	1.51E-02	1.49E-02

Sample Point 094 [INDICATOR - W @ 0.29 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
615152	6/25/2024 - 7/1/2024	Beta	1.68E-02	3.55E-03	4.57E-03
616459	6/25/2024 - 7/1/2024	Cs-134	<4.07E-03	0.00E+00	4.07E-03
		Cs-137	<3.77E-03	0.00E+00	3.77E-03
		Be-7	1.62E-01	4.18E-02	5.89E-02
		K-40	3.93E-01	5.93E-02	5.75E-02
615157	7/1/2024 - 7/8/2024	Beta	1.81E-02	2.90E-03	3.08E-03
615151	7/8/2024 - 7/15/2024	Beta	2.19E-02	3.11E-03	3.07E-03
615943	7/15/2024 - 7/22/2024	Beta	1.80E-02	2.92E-03	3.18E-03
616405	7/22/2024 - 7/29/2024	Beta	1.75E-02	3.11E-03	3.74E-03
616677	7/29/2024 - 8/5/2024	Beta	1.91E-02	2.66E-03	2.73E-03
617078	8/5/2024 - 8/12/2024	Beta	1.75E-02	2.92E-03	3.19E-03
617556	8/12/2024 - 8/19/2024	Beta	3.12E-02	3.17E-03	2.69E-03
618050	8/19/2024 - 8/26/2024	Beta	2.35E-02	3.29E-03	3.40E-03
618230	8/26/2024 - 9/3/2024	Beta	3.76E-02	3.14E-03	2.31E-03
618467	9/3/2024 - 9/9/2024	Beta	1.92E-02	3.37E-03	3.84E-03
619542	9/9/2024 - 9/16/2024	Beta	2.81E-02	3.36E-03	3.11E-03
619816	9/16/2024 - 9/23/2024	Beta	2.25E-02	3.12E-03	3.11E-03
620199	9/23/2024 - 9/30/2024	Beta	2.77E-02	3.23E-03	3.13E-03
620417	7/1/2024 - 9/30/2024	Cs-134	<1.28E-03	0.00E+00	1.28E-03
		Cs-137	<1.48E-03	0.00E+00	1.48E-03
		Be-7	1.13E-01	3.29E-02	3.18E-02
		K-40	1.83E-02	1.57E-02	2.26E-02
620411	9/30/2024 - 10/7/2024	Beta	2.82E-02	4.25E-03	4.19E-03
620711	10/7/2024 - 10/14/2024	Beta	3.75E-02	3.81E-03	3.24E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 094 [INDICATOR - W @ 0.29 miles]

Sample ID:	621277	Sample Dates: 10/14/2024 - 10/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.27E-02	3.26E-03	3.44E-03
Sample ID:	621671	Sample Dates: 10/21/2024 - 10/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.65E-02	3.87E-03	3.61E-03
Sample ID:	622021	Sample Dates: 10/28/2024 - 11/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.09E-02	3.69E-03	3.72E-03
Sample ID:	622295	Sample Dates: 11/4/2024 - 11/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	1.39E-02	2.92E-03	3.67E-03
Sample ID:	622654	Sample Dates: 11/11/2024 - 11/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.82E-02	2.99E-03	2.52E-03
Sample ID:	622934	Sample Dates: 11/18/2024 - 11/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.29E-02	3.08E-03	2.99E-03
Sample ID:	623258	Sample Dates: 11/25/2024 - 12/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.56E-02	3.28E-03	3.13E-03
Sample ID:	624097	Sample Dates: 12/2/2024 - 12/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	3.20E-02	3.73E-03	3.58E-03
Sample ID:	624625	Sample Dates: 12/9/2024 - 12/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.24E-02	3.15E-03	3.25E-03
Sample ID:	624832	Sample Dates: 12/16/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	1.65E-02	2.81E-03	3.09E-03
Sample ID:	625047	Sample Dates: 12/23/2024 - 12/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	2.26E-02	3.26E-03	3.53E-03
Sample ID:	625280	Sample Dates: 9/30/2024 - 12/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-134	<1.63E-03	0.00E+00	1.63E-03
			Cs-137	<1.65E-03	0.00E+00	1.65E-03
			Be-7	7.71E-02	3.55E-02	4.71E-02
			K-40	<3.22E-02	0.00E+00	3.22E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 077 [INDICATOR - SW @ 1 miles]

Sample ID:	603008	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.77E-02	0.00E+00	5.77E-02
			Cs-134	<2.73E-02	0.00E+00	2.73E-02
			Cs-137	<4.08E-02	0.00E+00	4.08E-02
			Be-7	<2.81E-01	0.00E+00	2.81E-01
			K-40	<9.12E-01	0.00E+00	9.12E-01
Sample ID:	603892	Sample Dates: 1/8/2024 - 1/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.64E-02	0.00E+00	4.64E-02
			Cs-134	<2.28E-02	0.00E+00	2.28E-02
			Cs-137	<2.13E-02	0.00E+00	2.13E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	6.98E-01	3.20E-01	3.53E-01
Sample ID:	604004	Sample Dates: 1/16/2024 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.94E-02	0.00E+00	4.94E-02
			Cs-134	<3.77E-02	0.00E+00	3.77E-02
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<2.77E-01	0.00E+00	2.77E-01
			K-40	8.24E-01	3.36E-01	8.94E-02
Sample ID:	604248	Sample Dates: 1/22/2024 - 1/29/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.83E-02	0.00E+00	3.83E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	9.67E-01	4.00E-01	4.20E-01
Sample ID:	604562	Sample Dates: 1/29/2024 - 2/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<3.27E-02	0.00E+00	3.27E-02

Sample ID: 604562 **Sample Dates: 1/29/2024 - 2/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<2.80E-02	0.00E+00	2.80E-02
Be-7	<2.31E-01	0.00E+00	2.31E-01
K-40	1.03E+00	3.53E-01	7.76E-02

Sample ID: 604851 **Sample Dates: 2/5/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.19E-02	0.00E+00	4.19E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<3.10E-02	0.00E+00	3.10E-02
Be-7	<2.30E-01	0.00E+00	2.30E-01
K-40	<5.38E-01	0.00E+00	5.38E-01

Sample ID: 605170 **Sample Dates: 2/12/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.59E-02	0.00E+00	4.59E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<3.20E-02	0.00E+00	3.20E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	8.03E-01	3.28E-01	2.64E-01

Sample ID: 606295 **Sample Dates: 2/19/2024 - 2/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.73E-02	0.00E+00	4.73E-02
Cs-134	<3.50E-02	0.00E+00	3.50E-02
Cs-137	<2.83E-02	0.00E+00	2.83E-02
Be-7	<2.18E-01	0.00E+00	2.18E-01
K-40	8.10E-01	3.13E-01	7.84E-02

Sample ID: 607176 **Sample Dates: 2/26/2024 - 3/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.88E-02	0.00E+00	4.88E-02
Cs-134	<1.59E-02	0.00E+00	1.59E-02
Cs-137	<3.22E-02	0.00E+00	3.22E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	9.18E-01	3.78E-01	3.79E-01

Sample ID: 607717 **Sample Dates: 3/4/2024 - 3/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.27E-02	0.00E+00	4.27E-02
Cs-134	<3.22E-02	0.00E+00	3.22E-02
Cs-137	<2.20E-02	0.00E+00	2.20E-02
Be-7	<2.21E-01	0.00E+00	2.21E-01
K-40	<7.18E-01	0.00E+00	7.18E-01

Sample ID: 608954 **Sample Dates: 3/11/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.90E-02	0.00E+00	3.90E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	4.81E-01	3.51E-01	5.04E-01

Sample ID: 609360 **Sample Dates: 3/18/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.44E-02	0.00E+00	4.44E-02
Cs-134	<3.48E-02	0.00E+00	3.48E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<1.62E-01	0.00E+00	1.62E-01
K-40	8.07E-01	3.70E-01	4.08E-01

Sample ID: 609549 **Sample Dates: 3/25/2024 - 4/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.77E-02	0.00E+00	2.77E-02
Cs-134	<2.51E-02	0.00E+00	2.51E-02
Cs-137	<2.48E-02	0.00E+00	2.48E-02
Be-7	<1.67E-01	0.00E+00	1.67E-01
K-40	7.45E-01	3.01E-01	2.57E-01

Sample ID: 610017 **Sample Dates: 4/1/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.18E-02	0.00E+00	6.18E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.73E-01	0.00E+00	2.73E-01
K-40	6.33E-01	2.99E-01	2.78E-01

Sample ID: 610525 **Sample Dates: 4/8/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.72E-02	0.00E+00	4.72E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02

Sample ID: 610525 **Sample Dates: 4/8/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<2.41E-02	0.00E+00	2.41E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	5.82E-01	3.41E-01	4.40E-01

Sample ID: 611058 **Sample Dates: 4/15/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.84E-02	0.00E+00	4.84E-02
Cs-134	<3.65E-02	0.00E+00	3.65E-02
Cs-137	<1.37E-02	0.00E+00	1.37E-02
Be-7	<2.96E-01	0.00E+00	2.96E-01
K-40	6.91E-01	3.54E-01	4.20E-01

Sample ID: 611228 **Sample Dates: 4/22/2024 - 4/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.14E-02	0.00E+00	4.14E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.24E-02	0.00E+00	2.24E-02
Be-7	<2.05E-01	0.00E+00	2.05E-01
K-40	6.25E-01	3.12E-01	3.30E-01

Sample ID: 611567 **Sample Dates: 4/29/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.59E-02	0.00E+00	3.59E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<1.98E-02	0.00E+00	1.98E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	4.87E-01	3.15E-01	4.17E-01

Sample ID: 611821 **Sample Dates: 5/6/2024 - 5/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.33E-02	0.00E+00	4.33E-02
Cs-134	<2.25E-02	0.00E+00	2.25E-02
Cs-137	<2.54E-02	0.00E+00	2.54E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	6.19E-01	2.77E-01	2.59E-01

Sample ID: 612324 **Sample Dates: 5/14/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.93E-02	0.00E+00	4.93E-02
Cs-134	<3.10E-02	0.00E+00	3.10E-02
Cs-137	<3.11E-02	0.00E+00	3.11E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	9.96E-01	4.01E-01	3.24E-01

Sample ID: 612592 **Sample Dates: 5/20/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.21E-02	0.00E+00	3.21E-02
Cs-134	<2.70E-02	0.00E+00	2.70E-02
Cs-137	<2.72E-02	0.00E+00	2.72E-02
Be-7	<2.20E-01	0.00E+00	2.20E-01
K-40	6.35E-01	3.07E-01	3.45E-01

Sample ID: 612765 **Sample Dates: 5/28/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.73E-02	0.00E+00	4.73E-02
Cs-134	<3.55E-02	0.00E+00	3.55E-02
Cs-137	<2.82E-02	0.00E+00	2.82E-02
Be-7	<3.17E-01	0.00E+00	3.17E-01
K-40	7.12E-01	3.76E-01	4.35E-01

Sample ID: 613605 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.23E-02	0.00E+00	5.23E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<1.87E-01	0.00E+00	1.87E-01
K-40	5.49E-01	3.13E-01	3.79E-01

Sample ID: 614118 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.08E-02	0.00E+00	4.08E-02
Cs-134	<3.24E-02	0.00E+00	3.24E-02
Cs-137	<3.48E-02	0.00E+00	3.48E-02
Be-7	9.43E-02	1.18E-01	1.91E-01
K-40	7.09E-01	2.89E-01	7.69E-02

Sample ID: 614354 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.00E-02	0.00E+00	5.00E-02
Cs-134	<3.30E-02	0.00E+00	3.30E-02

Sample ID: 614354 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	8.39E-01	3.47E-01	3.05E-01

Sample ID: 614526 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.48E-02	0.00E+00	4.48E-02
Cs-134	<3.03E-02	0.00E+00	3.03E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.51E-01	0.00E+00	2.51E-01
K-40	6.21E-01	3.33E-01	3.99E-01

Sample ID: 614762 **Sample Dates: 7/1/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.82E-02	0.00E+00	4.82E-02
Cs-134	<3.05E-02	0.00E+00	3.05E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.39E-01	0.00E+00	2.39E-01
K-40	1.02E+00	4.04E-01	4.08E-01

Sample ID: 615134 **Sample Dates: 7/8/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.51E-02	0.00E+00	5.51E-02
Cs-134	<3.28E-02	0.00E+00	3.28E-02
Cs-137	<2.64E-02	0.00E+00	2.64E-02
Be-7	<2.85E-01	0.00E+00	2.85E-01
K-40	6.42E-01	3.68E-01	4.79E-01

Sample ID: 615944 **Sample Dates: 7/15/2024 - 7/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.42E-02	0.00E+00	4.42E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	9.18E-01	3.57E-01	2.96E-01

Sample ID: 616406 **Sample Dates: 7/22/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.54E-02	0.00E+00	4.54E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	7.70E-01	3.03E-01	7.73E-02

Sample ID: 616678 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.50E-02	0.00E+00	4.50E-02
Cs-134	<3.58E-02	0.00E+00	3.58E-02
Cs-137	<2.20E-02	0.00E+00	2.20E-02
Be-7	<2.45E-01	0.00E+00	2.45E-01
K-40	4.30E-01	3.23E-01	4.62E-01

Sample ID: 617079 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.47E-02	0.00E+00	3.47E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<2.81E-02	0.00E+00	2.81E-02
Be-7	<1.96E-01	0.00E+00	1.96E-01
K-40	4.25E-01	2.91E-01	3.83E-01

Sample ID: 617557 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.50E-02	0.00E+00	5.50E-02
Cs-134	<1.59E-02	0.00E+00	1.59E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.20E-01	0.00E+00	2.20E-01
K-40	8.35E-01	3.85E-01	4.42E-01

Sample ID: 618051 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.53E-02	0.00E+00	4.53E-02
Cs-134	<3.42E-02	0.00E+00	3.42E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	9.38E-01	3.59E-01	2.92E-01

Sample ID: 618231 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.17E-02	0.00E+00	5.17E-02
Cs-134	<3.03E-02	0.00E+00	3.03E-02

Sample ID: 618231 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<2.13E-02	0.00E+00	2.13E-02
Be-7	<2.07E-01	0.00E+00	2.07E-01
K-40	8.01E-01	3.14E-01	2.67E-01

Sample ID: 618468 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.96E-02	0.00E+00	4.96E-02
Cs-134	<2.76E-02	0.00E+00	2.76E-02
Cs-137	<3.09E-02	0.00E+00	3.09E-02
Be-7	<3.00E-01	0.00E+00	3.00E-01
K-40	1.08E+00	4.54E-01	4.76E-01

Sample ID: 619543 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.13E-02	0.00E+00	4.13E-02
Cs-134	<3.03E-02	0.00E+00	3.03E-02
Cs-137	<3.33E-02	0.00E+00	3.33E-02
Be-7	<2.19E-01	0.00E+00	2.19E-01
K-40	9.16E-01	3.75E-01	3.73E-01

Sample ID: 619817 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.40E-02	0.00E+00	3.40E-02
Cs-134	<2.03E-02	0.00E+00	2.03E-02
Cs-137	<3.11E-02	0.00E+00	3.11E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	8.33E-01	3.77E-01	4.16E-01

Sample ID: 620200 **Sample Dates: 9/23/2024 - 9/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.95E-02	0.00E+00	5.95E-02
Cs-134	<3.14E-02	0.00E+00	3.14E-02
Cs-137	<5.30E-02	0.00E+00	5.30E-02
Be-7	<3.30E-01	0.00E+00	3.30E-01
K-40	<9.26E-01	0.00E+00	9.26E-01

Sample ID: 620418 **Sample Dates: 10/2/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.11E-02	0.00E+00	5.11E-02
Cs-134	<3.84E-02	0.00E+00	3.84E-02
Cs-137	<3.30E-02	0.00E+00	3.30E-02
Be-7	<3.14E-01	0.00E+00	3.14E-01
K-40	9.36E-01	3.82E-01	1.01E-01

Sample ID: 620712 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.13E-02	0.00E+00	5.13E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<2.80E-02	0.00E+00	2.80E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	7.90E-01	3.56E-01	3.74E-01

Sample ID: 621278 **Sample Dates: 10/14/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.59E-02	0.00E+00	4.59E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.45E-01	0.00E+00	2.45E-01
K-40	7.22E-01	3.15E-01	2.72E-01

Sample ID: 621672 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.10E-02	0.00E+00	4.10E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	7.38E-01	3.55E-01	4.01E-01

Sample ID: 622022 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.37E-02	0.00E+00	4.37E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<2.80E-02	0.00E+00	2.80E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	6.63E-01	3.47E-01	4.15E-01

Sample ID: 622296 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.80E-02	0.00E+00	4.80E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 077 [INDICATOR - SW @ 1 miles]

Sample ID:	622296	Sample Dates: 11/4/2024 - 11/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<3.10E-02	0.00E+00	3.10E-02
			Be-7	<2.42E-01	0.00E+00	2.42E-01
			K-40	6.48E-01	3.25E-01	3.58E-01
Sample ID:	**622655**	**Sample Dates: 11/11/2024 - 11/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.55E-02	0.00E+00	3.55E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.93E-01	0.00E+00	2.93E-01
			K-40	4.28E-01	2.23E-01	7.72E-02
Sample ID:	**622935**	**Sample Dates: 11/18/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.21E-02	0.00E+00	5.21E-02
			Cs-134	<3.75E-02	0.00E+00	3.75E-02
			Cs-137	<3.06E-02	0.00E+00	3.06E-02
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	7.27E-01	3.29E-01	3.27E-01
Sample ID:	**623259**	**Sample Dates: 11/25/2024 - 12/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.77E-02	0.00E+00	4.77E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<3.11E-02	0.00E+00	3.11E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	<7.73E-01	0.00E+00	7.73E-01
Sample ID:	**624098**	**Sample Dates: 12/2/2024 - 12/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.79E-02	0.00E+00	4.79E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	6.34E-01	3.02E-01	2.90E-01
Sample ID:	**624626**	**Sample Dates: 12/9/2024 - 12/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.61E-02	0.00E+00	3.61E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<3.21E-02	0.00E+00	3.21E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	<7.75E-01	0.00E+00	7.75E-01
Sample ID:	**624833**	**Sample Dates: 12/16/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.11E-02	0.00E+00	6.11E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<1.94E-02	0.00E+00	1.94E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	<5.22E-01	0.00E+00	5.22E-01
Sample ID:	**625048**	**Sample Dates: 12/23/2024 - 12/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.29E-02	0.00E+00	5.29E-02
			Cs-134	<3.66E-02	0.00E+00	3.66E-02
			Cs-137	<2.25E-02	0.00E+00	2.25E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	9.22E-01	3.63E-01	3.11E-01

Sample Point 078.1 [INDICATOR - WSW @ 0.53 miles]

Sample ID:	603009	Sample Dates: 1/2/2024 - 1/8/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.33E-02	0.00E+00	5.33E-02
			Cs-134	<3.33E-02	0.00E+00	3.33E-02
			Cs-137	<3.78E-02	0.00E+00	3.78E-02
			Be-7	<3.23E-01	0.00E+00	3.23E-01
			K-40	5.80E-01	3.14E-01	3.18E-01
Sample ID:	**603893**	**Sample Dates: 1/8/2024 - 1/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.24E-02	0.00E+00	5.24E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.02E-02	0.00E+00	2.02E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	7.98E-01	2.47E-01	1.72E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 078.1 [INDICATOR - WSW @ 0.53 miles]

Sample ID: 604005 **Sample Dates: 1/16/2024 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.34E-02	0.00E+00	4.34E-02
Cs-134	<3.55E-02	0.00E+00	3.55E-02
Cs-137	<3.04E-02	0.00E+00	3.04E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	6.94E-01	4.27E-01	5.77E-01

Sample ID: 604249 **Sample Dates: 1/22/2024 - 1/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.11E-02	0.00E+00	4.11E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<1.73E-02	0.00E+00	1.73E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	<7.16E-01	0.00E+00	7.16E-01

Sample ID: 604563 **Sample Dates: 1/29/2024 - 2/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<1.94E-01	0.00E+00	1.94E-01
K-40	8.00E-01	3.67E-01	4.04E-01

Sample ID: 604852 **Sample Dates: 2/5/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.90E-02	0.00E+00	3.90E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.94E-01	0.00E+00	2.94E-01
K-40	1.03E+00	3.52E-01	7.74E-02

Sample ID: 605171 **Sample Dates: 2/12/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.23E-02	0.00E+00	5.23E-02
Cs-134	<3.42E-02	0.00E+00	3.42E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<1.84E-01	0.00E+00	1.84E-01
K-40	5.55E-01	3.10E-01	3.68E-01

Sample ID: 606296 **Sample Dates: 2/19/2024 - 2/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.11E-02	0.00E+00	4.11E-02
Cs-134	<2.89E-02	0.00E+00	2.89E-02
Cs-137	<3.55E-02	0.00E+00	3.55E-02
Be-7	<2.67E-01	0.00E+00	2.67E-01
K-40	9.29E-01	3.63E-01	3.03E-01

Sample ID: 607177 **Sample Dates: 2/26/2024 - 3/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.47E-02	0.00E+00	4.47E-02
Cs-134	<3.43E-02	0.00E+00	3.43E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	<6.22E-01	0.00E+00	6.22E-01

Sample ID: 607718 **Sample Dates: 3/4/2024 - 3/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.28E-02	0.00E+00	4.28E-02
Cs-134	<2.81E-02	0.00E+00	2.81E-02
Cs-137	<2.40E-02	0.00E+00	2.40E-02
Be-7	<2.03E-01	0.00E+00	2.03E-01
K-40	3.28E-01	2.77E-01	4.03E-01

Sample ID: 608955 **Sample Dates: 3/11/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.13E-02	0.00E+00	4.13E-02
Cs-134	<3.93E-02	0.00E+00	3.93E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	<7.27E-01	0.00E+00	7.27E-01

Sample ID: 609361 **Sample Dates: 3/18/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.97E-02	0.00E+00	3.97E-02
Cs-134	<3.10E-02	0.00E+00	3.10E-02
Cs-137	<2.46E-02	0.00E+00	2.46E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	4.30E-01	2.43E-01	2.29E-01

Sample ID: 609550 **Sample Dates: 3/25/2024 - 4/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.70E-02	0.00E+00	2.70E-02
Cs-134	<2.44E-02	0.00E+00	2.44E-02
Cs-137	<1.49E-02	0.00E+00	1.49E-02
Be-7	<1.89E-01	0.00E+00	1.89E-01
K-40	<5.41E-01	0.00E+00	5.41E-01

Sample ID: 610018 **Sample Dates: 4/1/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.61E-02	0.00E+00	4.61E-02
Cs-134	<3.05E-02	0.00E+00	3.05E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.80E-01	0.00E+00	2.80E-01
K-40	5.29E-01	3.01E-01	3.56E-01

Sample ID: 610526 **Sample Dates: 4/8/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.53E-02	0.00E+00	4.53E-02
Cs-134	<3.41E-02	0.00E+00	3.41E-02
Cs-137	<2.21E-02	0.00E+00	2.21E-02
Be-7	<2.04E-01	0.00E+00	2.04E-01
K-40	5.70E-01	2.89E-01	2.91E-01

Sample ID: 611059 **Sample Dates: 4/15/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.25E-02	0.00E+00	4.25E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<3.11E-02	0.00E+00	3.11E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	7.75E-01	3.36E-01	3.11E-01

Sample ID: 611229 **Sample Dates: 4/22/2024 - 4/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.32E-02	0.00E+00	4.32E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.39E-01	0.00E+00	2.39E-01
K-40	8.43E-01	3.37E-01	2.64E-01

Sample ID: 611568 **Sample Dates: 4/29/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.91E-02	0.00E+00	3.91E-02
Cs-134	<3.04E-02	0.00E+00	3.04E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	3.37E-01	2.89E-01	4.26E-01

Sample ID: 611822 **Sample Dates: 5/6/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.47E-02	0.00E+00	4.47E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.43E-01	0.00E+00	2.43E-01
K-40	6.49E-01	3.30E-01	3.75E-01

Sample ID: 612325 **Sample Dates: 5/13/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.66E-02	0.00E+00	3.66E-02
Cs-134	<3.96E-02	0.00E+00	3.96E-02
Cs-137	<1.73E-02	0.00E+00	1.73E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	7.36E-01	3.42E-01	3.60E-01

Sample ID: 612593 **Sample Dates: 5/20/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.74E-02	0.00E+00	4.74E-02
Cs-134	<2.50E-02	0.00E+00	2.50E-02
Cs-137	<2.59E-02	0.00E+00	2.59E-02
Be-7	<2.26E-01	0.00E+00	2.26E-01
K-40	6.71E-01	2.97E-01	2.89E-01

Sample ID: 612766 **Sample Dates: 5/28/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.30E-02	0.00E+00	4.30E-02
Cs-134	<3.79E-02	0.00E+00	3.79E-02
Cs-137	<3.60E-02	0.00E+00	3.60E-02
Be-7	<2.85E-01	0.00E+00	2.85E-01
K-40	1.13E+00	4.85E-01	5.48E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 078.1 [INDICATOR - WSW @ 0.53 miles]

Sample ID: 613606 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.81E-02	0.00E+00	4.81E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.80E-01	0.00E+00	2.80E-01
K-40	8.17E-01	3.48E-01	3.33E-01

Sample ID: 614119 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.18E-02	0.00E+00	4.18E-02
Cs-134	<3.60E-02	0.00E+00	3.60E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<1.72E-01	0.00E+00	1.72E-01
K-40	9.17E-01	3.51E-01	2.74E-01

Sample ID: 614355 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.80E-02	0.00E+00	4.80E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<2.81E-02	0.00E+00	2.81E-02
Be-7	<2.08E-01	0.00E+00	2.08E-01
K-40	5.34E-01	3.12E-01	3.81E-01

Sample ID: 614527 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.06E-02	0.00E+00	4.06E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.47E-01	0.00E+00	2.47E-01
K-40	2.93E-01	3.93E-01	6.49E-01

Sample ID: 614763 **Sample Dates: 7/1/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.45E-02	0.00E+00	4.45E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.14E-01	0.00E+00	2.14E-01
K-40	7.03E-01	3.36E-01	3.61E-01

Sample ID: 615135 **Sample Dates: 7/8/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.94E-02	0.00E+00	3.94E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<3.39E-02	0.00E+00	3.39E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	<7.60E-01	0.00E+00	7.60E-01

Sample ID: 615945 **Sample Dates: 7/15/2024 - 7/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.10E-02	0.00E+00	4.10E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	<7.29E-01	0.00E+00	7.29E-01

Sample ID: 616407 **Sample Dates: 7/22/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.32E-02	0.00E+00	4.32E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	8.83E-01	4.52E-01	5.96E-01

Sample ID: 616679 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.69E-02	0.00E+00	4.69E-02
Cs-134	<3.03E-02	0.00E+00	3.03E-02
Cs-137	<1.70E-02	0.00E+00	1.70E-02
Be-7	<2.03E-01	0.00E+00	2.03E-01
K-40	<6.02E-01	0.00E+00	6.02E-01

Sample ID: 617080 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.34E-02	0.00E+00	3.34E-02
Cs-134	<2.87E-02	0.00E+00	2.87E-02
Cs-137	<2.81E-02	0.00E+00	2.81E-02
Be-7	<1.33E-01	0.00E+00	1.33E-01
K-40	4.71E-01	2.79E-01	3.23E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 078.1 [INDICATOR - WSW @ 0.53 miles]

Sample ID: 617558 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.83E-02	0.00E+00	4.83E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.02E-01	0.00E+00	2.02E-01
K-40	6.61E-01	3.33E-01	3.79E-01

Sample ID: 618052 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.18E-02	0.00E+00	4.18E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<3.21E-02	0.00E+00	3.21E-02
Be-7	<2.36E-01	0.00E+00	2.36E-01
K-40	8.21E-01	3.12E-01	7.67E-02

Sample ID: 618232 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.57E-02	0.00E+00	4.57E-02
Cs-134	<2.30E-02	0.00E+00	2.30E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<1.99E-01	0.00E+00	1.99E-01
K-40	6.37E-01	3.25E-01	3.94E-01

Sample ID: 618469 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.29E-02	0.00E+00	5.29E-02
Cs-134	<3.35E-02	0.00E+00	3.35E-02
Cs-137	<4.12E-02	0.00E+00	4.12E-02
Be-7	<2.99E-01	0.00E+00	2.99E-01
K-40	9.12E-01	4.26E-01	4.72E-01

Sample ID: 619544 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.81E-02	0.00E+00	4.81E-02
Cs-134	<2.81E-02	0.00E+00	2.81E-02
Cs-137	<2.75E-02	0.00E+00	2.75E-02
Be-7	<2.19E-01	0.00E+00	2.19E-01
K-40	9.59E-01	3.37E-01	7.64E-02

Sample ID: 619818 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.53E-02	0.00E+00	4.53E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<2.45E-02	0.00E+00	2.45E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	8.12E-01	3.37E-01	2.88E-01

Sample ID: 620201 **Sample Dates: 9/23/2024 - 10/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.08E-02	0.00E+00	2.08E-02
Cs-134	<2.53E-02	0.00E+00	2.53E-02
Cs-137	<1.56E-02	0.00E+00	1.56E-02
Be-7	<1.48E-01	0.00E+00	1.48E-01
K-40	4.84E-01	2.32E-01	2.27E-01

Sample ID: 620419 **Sample Dates: 10/1/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.38E-02	0.00E+00	4.38E-02
Cs-134	<3.82E-02	0.00E+00	3.82E-02
Cs-137	<3.63E-02	0.00E+00	3.63E-02
Be-7	<2.70E-01	0.00E+00	2.70E-01
K-40	7.58E-01	3.84E-01	4.29E-01

Sample ID: 620713 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.68E-02	0.00E+00	4.68E-02
Cs-134	<3.08E-02	0.00E+00	3.08E-02
Cs-137	<2.96E-02	0.00E+00	2.96E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	<7.59E-01	0.00E+00	7.59E-01

Sample ID: 621279 **Sample Dates: 10/14/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.68E-02	0.00E+00	3.68E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<3.22E-02	0.00E+00	3.22E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	4.17E-01	2.79E-01	3.58E-01

Sample ID: 621673 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.35E-02	0.00E+00	5.35E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	7.10E-01	2.89E-01	7.69E-02

Sample ID: 622023 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.78E-02	0.00E+00	4.78E-02
Cs-134	<3.63E-02	0.00E+00	3.63E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.07E-01	0.00E+00	2.07E-01
K-40	5.46E-01	2.89E-01	3.05E-01

Sample ID: 622297 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.09E-02	0.00E+00	5.09E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	7.52E-01	3.24E-01	2.83E-01

Sample ID: 622656 **Sample Dates: 11/11/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.16E-02	0.00E+00	4.16E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.67E-01	0.00E+00	2.67E-01
K-40	8.67E-01	3.42E-01	2.69E-01

Sample ID: 622936 **Sample Dates: 11/18/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.33E-02	0.00E+00	5.33E-02
Cs-134	<3.59E-02	0.00E+00	3.59E-02
Cs-137	<2.20E-02	0.00E+00	2.20E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	7.61E-01	2.99E-01	7.64E-02

Sample ID: 623260 **Sample Dates: 11/25/2024 - 12/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.28E-02	0.00E+00	4.28E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<2.81E-02	0.00E+00	2.81E-02
Be-7	<2.90E-01	0.00E+00	2.90E-01
K-40	6.79E-01	3.32E-01	3.60E-01

Sample ID: 624099 **Sample Dates: 12/2/2024 - 12/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.32E-02	0.00E+00	4.32E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<3.49E-02	0.00E+00	3.49E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	<7.15E-01	0.00E+00	7.15E-01

Sample ID: 624627 **Sample Dates: 12/9/2024 - 12/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.21E-02	0.00E+00	4.21E-02
Cs-134	<3.24E-02	0.00E+00	3.24E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.76E-01	0.00E+00	2.76E-01
K-40	3.74E-01	2.59E-01	3.32E-01

Sample ID: 624834 **Sample Dates: 12/16/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.87E-02	0.00E+00	5.87E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<1.97E-02	0.00E+00	1.97E-02
Be-7	<2.20E-01	0.00E+00	2.20E-01
K-40	6.62E-01	2.67E-01	2.39E-01

Sample ID: 625049 **Sample Dates: 12/23/2024 - 12/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.75E-02	0.00E+00	4.75E-02
Cs-134	<2.88E-02	0.00E+00	2.88E-02
Cs-137	<2.64E-02	0.00E+00	2.64E-02
Be-7	<1.78E-01	0.00E+00	1.78E-01
K-40	9.33E-01	4.28E-01	5.14E-01

Sample ID: 603010 **Sample Dates: 1/2/2024 - 1/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.10E-02	0.00E+00	5.10E-02
Cs-134	<3.33E-02	0.00E+00	3.33E-02
Cs-137	<3.44E-02	0.00E+00	3.44E-02
Be-7	<2.51E-01	0.00E+00	2.51E-01
K-40	8.33E-01	3.40E-01	9.03E-02

Sample ID: 603894 **Sample Dates: 1/8/2024 - 1/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.41E-02	0.00E+00	5.41E-02
Cs-134	<2.28E-02	0.00E+00	2.28E-02
Cs-137	<2.12E-02	0.00E+00	2.12E-02
Be-7	<1.81E-01	0.00E+00	1.81E-01
K-40	7.47E-01	3.04E-01	2.67E-01

Sample ID: 604006 **Sample Dates: 1/16/2024 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.27E-02	0.00E+00	5.27E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<3.58E-02	0.00E+00	3.58E-02
Be-7	<3.03E-01	0.00E+00	3.03E-01
K-40	7.26E-01	3.15E-01	8.95E-02

Sample ID: 604250 **Sample Dates: 1/22/2024 - 1/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.64E-02	0.00E+00	4.64E-02
Cs-134	<3.08E-02	0.00E+00	3.08E-02
Cs-137	<2.01E-02	0.00E+00	2.01E-02
Be-7	<2.45E-01	0.00E+00	2.45E-01
K-40	<7.72E-01	0.00E+00	7.72E-01

Sample ID: 604564 **Sample Dates: 1/29/2024 - 2/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.71E-02	0.00E+00	4.71E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.81E-01	0.00E+00	2.81E-01
K-40	5.61E-01	3.08E-01	3.59E-01

Sample ID: 604853 **Sample Dates: 2/5/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.20E-02	0.00E+00	4.20E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.13E-01	0.00E+00	2.13E-01
K-40	4.96E-01	3.04E-01	3.83E-01

Sample ID: 605172 **Sample Dates: 2/12/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.29E-02	0.00E+00	5.29E-02
Cs-134	<2.81E-02	0.00E+00	2.81E-02
Cs-137	<2.75E-02	0.00E+00	2.75E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	<7.05E-01	0.00E+00	7.05E-01

Sample ID: 606297 **Sample Dates: 2/19/2024 - 2/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.03E-02	0.00E+00	5.03E-02
Cs-134	<1.63E-02	0.00E+00	1.63E-02
Cs-137	<2.67E-02	0.00E+00	2.67E-02
Be-7	<2.28E-01	0.00E+00	2.28E-01
K-40	8.43E-01	3.20E-01	7.88E-02

Sample ID: 607178 **Sample Dates: 2/26/2024 - 3/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.98E-02	0.00E+00	4.98E-02
Cs-134	<3.77E-02	0.00E+00	3.77E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	5.48E-01	3.58E-01	4.93E-01

Sample ID: 607719 **Sample Dates: 3/4/2024 - 3/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.92E-02	0.00E+00	3.92E-02
Cs-134	<3.71E-02	0.00E+00	3.71E-02
Cs-137	<3.17E-02	0.00E+00	3.17E-02
Be-7	<2.02E-01	0.00E+00	2.02E-01
K-40	6.73E-01	3.11E-01	3.00E-01

Sample ID: 608956 **Sample Dates: 3/11/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.27E-02	0.00E+00	5.27E-02
Cs-134	<3.62E-02	0.00E+00	3.62E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.80E-01	0.00E+00	2.80E-01
K-40	7.62E-01	3.40E-01	3.37E-01

Sample ID: 609362 **Sample Dates: 3/18/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.18E-02	0.00E+00	4.18E-02
Cs-134	<2.65E-02	0.00E+00	2.65E-02
Cs-137	<2.83E-02	0.00E+00	2.83E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	5.40E-01	3.08E-01	3.65E-01

Sample ID: 609551 **Sample Dates: 3/25/2024 - 4/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.54E-02	0.00E+00	3.54E-02
Cs-134	<2.49E-02	0.00E+00	2.49E-02
Cs-137	<1.97E-02	0.00E+00	1.97E-02
Be-7	<1.94E-01	0.00E+00	1.94E-01
K-40	6.15E-01	2.51E-01	6.67E-02

Sample ID: 610019 **Sample Dates: 4/1/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.37E-02	0.00E+00	5.37E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.51E-01	0.00E+00	2.51E-01
K-40	1.05E+00	3.55E-01	7.69E-02

Sample ID: 610527 **Sample Dates: 4/8/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.11E-02	0.00E+00	5.11E-02
Cs-134	<1.99E-02	0.00E+00	1.99E-02
Cs-137	<2.58E-02	0.00E+00	2.58E-02
Be-7	<2.47E-01	0.00E+00	2.47E-01
K-40	7.18E-01	3.33E-01	3.46E-01

Sample ID: 611060 **Sample Dates: 4/15/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.50E-02	0.00E+00	4.50E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	<5.61E-01	0.00E+00	5.61E-01

Sample ID: 611230 **Sample Dates: 4/22/2024 - 4/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.14E-02	0.00E+00	4.14E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.80E-02	0.00E+00	2.80E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	7.25E-01	3.19E-01	2.84E-01

Sample ID: 611569 **Sample Dates: 4/29/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.01E-02	0.00E+00	4.01E-02
Cs-134	<3.04E-02	0.00E+00	3.04E-02
Cs-137	<2.21E-02	0.00E+00	2.21E-02
Be-7	<2.02E-01	0.00E+00	2.02E-01
K-40	4.17E-01	2.57E-01	2.96E-01

Sample ID: 611823 **Sample Dates: 5/6/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.44E-02	0.00E+00	4.44E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	9.33E-01	3.33E-01	7.66E-02

Sample ID: 612326 **Sample Dates: 5/13/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.00E-02	0.00E+00	4.00E-02
Cs-134	<2.36E-02	0.00E+00	2.36E-02
Cs-137	<2.46E-02	0.00E+00	2.46E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	<7.37E-01	0.00E+00	7.37E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 079 [INDICATOR - NE @ 0.56 miles]

Sample ID: 612594 **Sample Dates: 5/20/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.41E-02	0.00E+00	4.41E-02
Cs-134	<2.69E-02	0.00E+00	2.69E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<1.64E-01	0.00E+00	1.64E-01
K-40	<5.76E-01	0.00E+00	5.76E-01

Sample ID: 612767 **Sample Dates: 5/28/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.64E-02	0.00E+00	4.64E-02
Cs-134	<3.80E-02	0.00E+00	3.80E-02
Cs-137	<2.01E-02	0.00E+00	2.01E-02
Be-7	<2.57E-01	0.00E+00	2.57E-01
K-40	7.19E-01	3.75E-01	4.26E-01

Sample ID: 613607 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.71E-02	0.00E+00	5.71E-02
Cs-134	<3.05E-02	0.00E+00	3.05E-02
Cs-137	<3.21E-02	0.00E+00	3.21E-02
Be-7	<2.07E-01	0.00E+00	2.07E-01
K-40	9.92E-01	3.96E-01	4.00E-01

Sample ID: 614120 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.53E-02	0.00E+00	3.53E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.45E-01	0.00E+00	2.45E-01
K-40	6.88E-01	3.71E-01	4.70E-01

Sample ID: 614356 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.49E-02	0.00E+00	5.49E-02
Cs-134	<2.03E-02	0.00E+00	2.03E-02
Cs-137	<3.12E-02	0.00E+00	3.12E-02
Be-7	<2.58E-01	0.00E+00	2.58E-01
K-40	8.50E-01	3.90E-01	4.45E-01

Sample ID: 614528 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.73E-02	0.00E+00	3.73E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.30E-01	0.00E+00	2.30E-01
K-40	<7.65E-01	0.00E+00	7.65E-01

Sample ID: 614764 **Sample Dates: 7/1/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.10E-02	0.00E+00	4.10E-02
Cs-134	<1.62E-02	0.00E+00	1.62E-02
Cs-137	<2.03E-02	0.00E+00	2.03E-02
Be-7	<1.76E-01	0.00E+00	1.76E-01
K-40	6.46E-01	3.35E-01	3.86E-01

Sample ID: 615136 **Sample Dates: 7/8/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.94E-02	0.00E+00	4.94E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	8.43E-01	3.68E-01	3.83E-01

Sample ID: 615946 **Sample Dates: 7/15/2024 - 7/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.98E-02	0.00E+00	3.98E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	5.65E-01	3.20E-01	3.90E-01

Sample ID: 616408 **Sample Dates: 7/22/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.22E-02	0.00E+00	4.22E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<3.50E-02	0.00E+00	3.50E-02
Be-7	<2.57E-01	0.00E+00	2.57E-01
K-40	5.42E-01	2.90E-01	3.14E-01

Sample ID: 616680 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.48E-02	0.00E+00	4.48E-02
Cs-134	<2.80E-02	0.00E+00	2.80E-02
Cs-137	<2.90E-02	0.00E+00	2.90E-02
Be-7	<2.52E-01	0.00E+00	2.52E-01
K-40	<6.90E-01	0.00E+00	6.90E-01

Sample ID: 617081 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.40E-02	0.00E+00	4.40E-02
Cs-134	<3.46E-02	0.00E+00	3.46E-02
Cs-137	<2.45E-02	0.00E+00	2.45E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	<6.90E-01	0.00E+00	6.90E-01

Sample ID: 617559 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.33E-02	0.00E+00	4.33E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.21E-01	0.00E+00	2.21E-01
K-40	7.25E-01	3.89E-01	4.99E-01

Sample ID: 618053 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.00E-02	0.00E+00	4.00E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<2.20E-01	0.00E+00	2.20E-01
K-40	<7.51E-01	0.00E+00	7.51E-01

Sample ID: 618233 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.09E-02	0.00E+00	6.09E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<1.63E-02	0.00E+00	1.63E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	6.45E-01	2.83E-01	2.80E-01

Sample ID: 618470 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.69E-02	0.00E+00	4.69E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.98E-01	0.00E+00	2.98E-01
K-40	8.42E-01	4.42E-01	5.52E-01

Sample ID: 619545 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.85E-02	0.00E+00	3.85E-02
Cs-134	<3.03E-02	0.00E+00	3.03E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.10E-01	0.00E+00	2.10E-01
K-40	8.56E-01	3.41E-01	2.78E-01

Sample ID: 619819 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.16E-02	0.00E+00	4.16E-02
Cs-134	<2.63E-02	0.00E+00	2.63E-02
Cs-137	<3.40E-02	0.00E+00	3.40E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	1.05E+00	3.96E-01	3.55E-01

Sample ID: 620202 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.03E-02	0.00E+00	4.03E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.14E-01	0.00E+00	2.14E-01
K-40	7.24E-01	3.13E-01	2.62E-01

Sample ID: 620420 **Sample Dates: 9/30/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.70E-02	0.00E+00	3.70E-02
Cs-134	<3.10E-02	0.00E+00	3.10E-02
Cs-137	<2.26E-02	0.00E+00	2.26E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	6.21E-01	2.95E-01	2.65E-01

Sample ID: 620714 **Sample Dates: 10/7/2024 - 10/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.55E-02	0.00E+00	4.55E-02
Cs-134	<3.57E-02	0.00E+00	3.57E-02
Cs-137	<2.28E-02	0.00E+00	2.28E-02
Be-7	<2.57E-01	0.00E+00	2.57E-01
K-40	7.21E-01	2.74E-01	6.74E-02

Sample ID: 621280 **Sample Dates: 10/15/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.60E-02	0.00E+00	5.60E-02
Cs-134	<3.34E-02	0.00E+00	3.34E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	9.69E-01	4.14E-01	4.01E-01

Sample ID: 621674 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.61E-02	0.00E+00	4.61E-02
Cs-134	<3.24E-02	0.00E+00	3.24E-02
Cs-137	<1.98E-02	0.00E+00	1.98E-02
Be-7	<2.47E-01	0.00E+00	2.47E-01
K-40	4.53E-01	2.29E-01	7.67E-02

Sample ID: 622024 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.70E-02	0.00E+00	4.70E-02
Cs-134	<3.47E-02	0.00E+00	3.47E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.73E-01	0.00E+00	2.73E-01
K-40	6.08E-01	3.00E-01	2.96E-01

Sample ID: 622298 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.99E-02	0.00E+00	4.99E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	<8.30E-01	0.00E+00	8.30E-01

Sample ID: 622657 **Sample Dates: 11/11/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.67E-02	0.00E+00	3.67E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<1.73E-02	0.00E+00	1.73E-02
Be-7	<2.13E-01	0.00E+00	2.13E-01
K-40	6.67E-01	3.36E-01	3.81E-01

Sample ID: 622937 **Sample Dates: 11/18/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.83E-02	0.00E+00	4.83E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<2.91E-02	0.00E+00	2.91E-02
Be-7	<2.52E-01	0.00E+00	2.52E-01
K-40	5.36E-01	2.97E-01	3.41E-01

Sample ID: 623261 **Sample Dates: 11/25/2024 - 12/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.82E-02	0.00E+00	5.82E-02
Cs-134	<3.82E-02	0.00E+00	3.82E-02
Cs-137	<2.64E-02	0.00E+00	2.64E-02
Be-7	<2.76E-01	0.00E+00	2.76E-01
K-40	<6.92E-01	0.00E+00	6.92E-01

Sample ID: 624100 **Sample Dates: 12/2/2024 - 12/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.12E-02	0.00E+00	4.12E-02
Cs-134	<3.78E-02	0.00E+00	3.78E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	7.79E-01	3.28E-01	2.81E-01

Sample ID: 624628 **Sample Dates: 12/9/2024 - 12/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.96E-02	0.00E+00	3.96E-02
Cs-134	<2.31E-02	0.00E+00	2.31E-02
Cs-137	<3.20E-02	0.00E+00	3.20E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	<7.20E-01	0.00E+00	7.20E-01

Sample Point 079 [INDICATOR - NE @ 0.56 miles]

Sample ID: 624835 **Sample Dates: 12/16/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.27E-02	0.00E+00	6.27E-02
Cs-134	<2.21E-02	0.00E+00	2.21E-02
Cs-137	<2.27E-02	0.00E+00	2.27E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	7.24E-01	2.54E-01	2.19E-01

Sample ID: 625050 **Sample Dates: 12/23/2024 - 12/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.84E-02	0.00E+00	3.84E-02
Cs-134	<3.30E-02	0.00E+00	3.30E-02
Cs-137	<2.46E-02	0.00E+00	2.46E-02
Be-7	<2.11E-01	0.00E+00	2.11E-01
K-40	<6.93E-01	0.00E+00	6.93E-01

Sample Point 085 [INDICATOR - NNW @ 0.88 miles]

Sample ID: 603011 **Sample Dates: 1/2/2024 - 1/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.78E-02	0.00E+00	5.78E-02
Cs-134	<4.03E-02	0.00E+00	4.03E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.90E-01	0.00E+00	2.90E-01
K-40	6.44E-01	3.67E-01	4.45E-01

Sample ID: 603895 **Sample Dates: 1/8/2024 - 1/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.28E-02	0.00E+00	6.28E-02
Cs-134	<2.29E-02	0.00E+00	2.29E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<1.71E-01	0.00E+00	1.71E-01
K-40	7.46E-01	2.79E-01	6.74E-02

Sample ID: 604007 **Sample Dates: 1/16/2024 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.20E-02	0.00E+00	5.20E-02
Cs-134	<3.03E-02	0.00E+00	3.03E-02
Cs-137	<2.32E-02	0.00E+00	2.32E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	8.28E-01	3.37E-01	8.97E-02

Sample ID: 604251 **Sample Dates: 1/22/2024 - 1/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.50E-02	0.00E+00	5.50E-02
Cs-134	<3.46E-02	0.00E+00	3.46E-02
Cs-137	<3.74E-02	0.00E+00	3.74E-02
Be-7	<2.45E-01	0.00E+00	2.45E-01
K-40	7.43E-01	2.97E-01	7.75E-02

Sample ID: 604565 **Sample Dates: 1/29/2024 - 2/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.11E-02	0.00E+00	4.11E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	7.01E-01	3.08E-01	2.57E-01

Sample ID: 604854 **Sample Dates: 2/5/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.60E-02	0.00E+00	3.60E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.13E-01	0.00E+00	2.13E-01
K-40	<7.69E-01	0.00E+00	7.69E-01

Sample ID: 605173 **Sample Dates: 2/12/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.20E-02	0.00E+00	4.20E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<2.54E-01	0.00E+00	2.54E-01
K-40	<6.94E-01	0.00E+00	6.94E-01

Sample ID: 606298 **Sample Dates: 2/19/2024 - 2/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.06E-02	0.00E+00	4.06E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.26E-02	0.00E+00	2.26E-02
Be-7	<2.81E-01	0.00E+00	2.81E-01
K-40	7.35E-01	3.78E-01	4.63E-01

Sample ID: 607179 **Sample Dates: 2/26/2024 - 3/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.59E-02	0.00E+00	4.59E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	7.38E-01	3.55E-01	4.01E-01

Sample ID: 607720 **Sample Dates: 3/4/2024 - 3/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.06E-02	0.00E+00	4.06E-02
Cs-134	<1.99E-02	0.00E+00	1.99E-02
Cs-137	<3.04E-02	0.00E+00	3.04E-02
Be-7	<2.12E-01	0.00E+00	2.12E-01
K-40	7.55E-01	3.30E-01	3.13E-01

Sample ID: 608957 **Sample Dates: 3/11/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.39E-02	0.00E+00	5.39E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<3.10E-02	0.00E+00	3.10E-02
Be-7	<1.87E-01	0.00E+00	1.87E-01
K-40	7.14E-01	3.24E-01	3.11E-01

Sample ID: 609363 **Sample Dates: 3/18/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.09E-02	0.00E+00	4.09E-02
Cs-134	<2.88E-02	0.00E+00	2.88E-02
Cs-137	<2.98E-02	0.00E+00	2.98E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	5.84E-01	3.29E-01	4.02E-01

Sample ID: 609552 **Sample Dates: 3/25/2024 - 4/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.75E-02	0.00E+00	2.75E-02
Cs-134	<2.94E-02	0.00E+00	2.94E-02
Cs-137	<1.92E-02	0.00E+00	1.92E-02
Be-7	<1.90E-01	0.00E+00	1.90E-01
K-40	<6.30E-01	0.00E+00	6.30E-01

Sample ID: 610020 **Sample Dates: 4/1/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.95E-02	0.00E+00	5.95E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<3.06E-01	0.00E+00	3.06E-01
K-40	<7.64E-01	0.00E+00	7.64E-01

Sample ID: 610528 **Sample Dates: 4/8/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.81E-02	0.00E+00	5.81E-02
Cs-134	<2.82E-02	0.00E+00	2.82E-02
Cs-137	<2.21E-02	0.00E+00	2.21E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	6.73E-01	3.18E-01	3.21E-01

Sample ID: 611061 **Sample Dates: 4/15/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.50E-02	0.00E+00	4.50E-02
Cs-134	<3.08E-02	0.00E+00	3.08E-02
Cs-137	<3.25E-02	0.00E+00	3.25E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	<7.59E-01	0.00E+00	7.59E-01

Sample ID: 611231 **Sample Dates: 4/22/2024 - 4/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.52E-02	0.00E+00	4.52E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.75E-01	0.00E+00	2.75E-01
K-40	6.10E-01	2.96E-01	2.82E-01

Sample ID: 611570 **Sample Dates: 4/29/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.48E-02	0.00E+00	4.48E-02
Cs-134	<2.32E-02	0.00E+00	2.32E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	<2.73E-01	0.00E+00	2.73E-01
K-40	<7.49E-01	0.00E+00	7.49E-01

Sample ID: 611824 **Sample Dates: 5/6/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.36E-02	0.00E+00	5.36E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<3.23E-02	0.00E+00	3.23E-02
Be-7	<2.08E-01	0.00E+00	2.08E-01
K-40	<7.53E-01	0.00E+00	7.53E-01

Sample ID: 612327 **Sample Dates: 5/13/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.39E-02	0.00E+00	4.39E-02
Cs-134	<2.86E-02	0.00E+00	2.86E-02
Cs-137	<3.11E-02	0.00E+00	3.11E-02
Be-7	<2.55E-01	0.00E+00	2.55E-01
K-40	4.33E-01	3.11E-01	4.31E-01

Sample ID: 612595 **Sample Dates: 5/20/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.87E-02	0.00E+00	3.87E-02
Cs-134	<2.29E-02	0.00E+00	2.29E-02
Cs-137	<1.96E-02	0.00E+00	1.96E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	4.81E-01	2.85E-01	3.61E-01

Sample ID: 612768 **Sample Dates: 5/28/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.32E-02	0.00E+00	4.32E-02
Cs-134	<4.59E-02	0.00E+00	4.59E-02
Cs-137	<3.05E-02	0.00E+00	3.05E-02
Be-7	<2.47E-01	0.00E+00	2.47E-01
K-40	<8.16E-01	0.00E+00	8.16E-01

Sample ID: 613608 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.05E-02	0.00E+00	5.05E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.26E-01	0.00E+00	2.26E-01
K-40	6.62E-01	3.05E-01	2.81E-01

Sample ID: 614121 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.68E-02	0.00E+00	2.68E-02
Cs-134	<1.94E-02	0.00E+00	1.94E-02
Cs-137	<1.67E-02	0.00E+00	1.67E-02
Be-7	<1.74E-01	0.00E+00	1.74E-01
K-40	5.38E-01	2.28E-01	6.34E-02

Sample ID: 614357 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.88E-02	0.00E+00	4.88E-02
Cs-134	<3.28E-02	0.00E+00	3.28E-02
Cs-137	<2.01E-02	0.00E+00	2.01E-02
Be-7	<2.79E-01	0.00E+00	2.79E-01
K-40	6.02E-01	2.67E-01	7.77E-02

Sample ID: 614529 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.34E-02	0.00E+00	4.34E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<1.94E-01	0.00E+00	1.94E-01
K-40	6.11E-01	2.91E-01	2.65E-01

Sample ID: 614765 **Sample Dates: 7/1/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.05E-02	0.00E+00	4.05E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	1.02E+00	3.51E-01	7.71E-02

Sample ID: 615137 **Sample Dates: 7/8/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.67E-02	0.00E+00	4.67E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.24E-02	0.00E+00	2.24E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	6.06E-01	3.34E-01	4.08E-01

Sample ID: 615947 **Sample Dates: 7/15/2024 - 7/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.76E-02	0.00E+00	3.76E-02
Cs-134	<3.62E-02	0.00E+00	3.62E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	6.56E-01	2.78E-01	7.73E-02

Sample ID: 616409 **Sample Dates: 7/22/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.87E-02	0.00E+00	4.87E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<3.37E-02	0.00E+00	3.37E-02
Be-7	<1.97E-01	0.00E+00	1.97E-01
K-40	<6.72E-01	0.00E+00	6.72E-01

Sample ID: 616681 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.61E-02	0.00E+00	4.61E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<2.91E-02	0.00E+00	2.91E-02
Be-7	<1.93E-01	0.00E+00	1.93E-01
K-40	<7.59E-01	0.00E+00	7.59E-01

Sample ID: 617082 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.04E-02	0.00E+00	4.04E-02
Cs-134	<3.64E-02	0.00E+00	3.64E-02
Cs-137	<2.81E-02	0.00E+00	2.81E-02
Be-7	<3.03E-01	0.00E+00	3.03E-01
K-40	5.92E-01	3.20E-01	3.72E-01

Sample ID: 617560 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.43E-02	0.00E+00	4.43E-02
Cs-134	<3.04E-02	0.00E+00	3.04E-02
Cs-137	<1.98E-02	0.00E+00	1.98E-02
Be-7	<2.21E-01	0.00E+00	2.21E-01
K-40	7.64E-01	3.51E-01	3.75E-01

Sample ID: 618054 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.80E-02	0.00E+00	3.80E-02
Cs-134	<3.42E-02	0.00E+00	3.42E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<1.71E-01	0.00E+00	1.71E-01
K-40	4.81E-01	3.15E-01	4.20E-01

Sample ID: 618234 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.90E-02	0.00E+00	4.90E-02
Cs-134	<2.51E-02	0.00E+00	2.51E-02
Cs-137	<2.71E-02	0.00E+00	2.71E-02
Be-7	<1.82E-01	0.00E+00	1.82E-01
K-40	5.61E-01	2.61E-01	2.35E-01

Sample ID: 618471 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.74E-02	0.00E+00	4.74E-02
Cs-134	<3.84E-02	0.00E+00	3.84E-02
Cs-137	<2.35E-02	0.00E+00	2.35E-02
Be-7	<2.81E-01	0.00E+00	2.81E-01
K-40	7.46E-01	3.56E-01	3.42E-01

Sample ID: 619546 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.55E-02	0.00E+00	3.55E-02
Cs-134	<2.31E-02	0.00E+00	2.31E-02
Cs-137	<2.91E-02	0.00E+00	2.91E-02
Be-7	<2.10E-01	0.00E+00	2.10E-01
K-40	6.89E-01	3.06E-01	2.66E-01

Sample ID: 619820 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.08E-02	0.00E+00	4.08E-02
Cs-134	<2.87E-02	0.00E+00	2.87E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	5.59E-01	3.48E-01	4.64E-01

Sample ID: 620203 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.84E-02	0.00E+00	3.84E-02
Cs-134	<2.12E-02	0.00E+00	2.12E-02
Cs-137	<2.36E-02	0.00E+00	2.36E-02
Be-7	<1.86E-01	0.00E+00	1.86E-01
K-40	4.72E-01	2.89E-01	3.47E-01

Sample ID: 620421 **Sample Dates: 9/30/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.43E-02	0.00E+00	5.43E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<1.38E-02	0.00E+00	1.38E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	5.72E-01	3.19E-01	3.83E-01

Sample ID: 620715 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.37E-02	0.00E+00	5.37E-02
Cs-134	<2.63E-02	0.00E+00	2.63E-02
Cs-137	<2.96E-02	0.00E+00	2.96E-02
Be-7	<1.78E-01	0.00E+00	1.78E-01
K-40	9.53E-01	3.63E-01	2.93E-01

Sample ID: 621281 **Sample Dates: 10/14/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.34E-02	0.00E+00	4.34E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<1.99E-02	0.00E+00	1.99E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	<7.63E-01	0.00E+00	7.63E-01

Sample ID: 621675 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.12E-02	0.00E+00	5.12E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	3.30E-01	2.88E-01	4.26E-01

Sample ID: 622025 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.70E-02	0.00E+00	4.70E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<3.24E-02	0.00E+00	3.24E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	<8.19E-01	0.00E+00	8.19E-01

Sample ID: 622299 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.70E-02	0.00E+00	3.70E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<3.10E-02	0.00E+00	3.10E-02
Be-7	<2.58E-01	0.00E+00	2.58E-01
K-40	6.48E-01	3.26E-01	3.60E-01

Sample ID: 622658 **Sample Dates: 11/11/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.08E-02	0.00E+00	4.08E-02
Cs-134	<2.33E-02	0.00E+00	2.33E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.53E-01	0.00E+00	2.53E-01
K-40	4.97E-01	4.02E-01	6.07E-01

Sample ID: 622938 **Sample Dates: 11/18/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.91E-02	0.00E+00	5.91E-02
Cs-134	<2.32E-02	0.00E+00	2.32E-02
Cs-137	<3.06E-02	0.00E+00	3.06E-02
Be-7	<2.68E-01	0.00E+00	2.68E-01
K-40	8.06E-01	3.56E-01	3.72E-01

Sample ID: 623262 **Sample Dates: 11/25/2024 - 12/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.55E-02	0.00E+00	4.55E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<2.80E-02	0.00E+00	2.80E-02
Be-7	<1.89E-01	0.00E+00	1.89E-01
K-40	<6.91E-01	0.00E+00	6.91E-01

Sample Point 085 [INDICATOR - NNW @ 0.88 miles]

Sample ID: 624101 **Sample Dates: 12/2/2024 - 12/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.34E-02	0.00E+00	4.34E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<1.95E-01	0.00E+00	1.95E-01
K-40	<6.86E-01	0.00E+00	6.86E-01

Sample ID: 624629 **Sample Dates: 12/9/2024 - 12/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.10E-02	0.00E+00	4.10E-02
Cs-134	<2.00E-02	0.00E+00	2.00E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.39E-01	0.00E+00	2.39E-01
K-40	7.35E-01	2.94E-01	7.66E-02

Sample ID: 624836 **Sample Dates: 12/16/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.88E-02	0.00E+00	5.88E-02
Cs-134	<2.43E-02	0.00E+00	2.43E-02
Cs-137	<2.18E-02	0.00E+00	2.18E-02
Be-7	<1.83E-01	0.00E+00	1.83E-01
K-40	6.01E-01	2.31E-01	2.40E-01

Sample ID: 625051 **Sample Dates: 12/23/2024 - 12/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.64E-02	0.00E+00	4.64E-02
Cs-134	<2.87E-02	0.00E+00	2.87E-02
Cs-137	<3.12E-02	0.00E+00	3.12E-02
Be-7	<2.61E-01	0.00E+00	2.61E-01
K-40	7.05E-01	3.44E-01	3.83E-01

Sample Point 093 [CONTROL - SE @ 9.34 miles]

Sample ID: 603012 **Sample Dates: 1/2/2024 - 1/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.52E-02	0.00E+00	5.52E-02
Cs-134	<3.33E-02	0.00E+00	3.33E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.62E-01	0.00E+00	2.62E-01
K-40	1.10E+00	4.28E-01	3.72E-01

Sample ID: 603896 **Sample Dates: 1/8/2024 - 1/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.18E-02	0.00E+00	6.18E-02
Cs-134	<2.94E-02	0.00E+00	2.94E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	<6.41E-01	0.00E+00	6.41E-01

Sample ID: 604008 **Sample Dates: 1/16/2024 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.01E-02	0.00E+00	5.01E-02
Cs-134	<3.78E-02	0.00E+00	3.78E-02
Cs-137	<3.23E-02	0.00E+00	3.23E-02
Be-7	<3.35E-01	0.00E+00	3.35E-01
K-40	<9.18E-01	0.00E+00	9.18E-01

Sample ID: 604252 **Sample Dates: 1/22/2024 - 1/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.67E-02	0.00E+00	4.67E-02
Cs-134	<3.45E-02	0.00E+00	3.45E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.60E-01	0.00E+00	2.60E-01
K-40	<7.68E-01	0.00E+00	7.68E-01

Sample ID: 604566 **Sample Dates: 1/29/2024 - 2/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.08E-02	0.00E+00	4.08E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.01E-02	0.00E+00	2.01E-02
Be-7	<2.05E-01	0.00E+00	2.05E-01
K-40	7.42E-01	3.35E-01	3.30E-01

Sample ID: 604855 **Sample Dates: 2/5/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.23E-02	0.00E+00	4.23E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.53E-01	0.00E+00	2.53E-01
K-40	6.24E-01	3.07E-01	3.14E-01

Sample ID: 605174 **Sample Dates: 2/12/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.34E-02	0.00E+00	4.34E-02
Cs-134	<2.00E-02	0.00E+00	2.00E-02
Cs-137	<2.41E-02	0.00E+00	2.41E-02
Be-7	<2.31E-01	0.00E+00	2.31E-01
K-40	9.57E-01	3.66E-01	3.13E-01

Sample ID: 606299 **Sample Dates: 2/19/2024 - 2/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.56E-02	0.00E+00	5.56E-02
Cs-134	<2.37E-02	0.00E+00	2.37E-02
Cs-137	<3.13E-02	0.00E+00	3.13E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	8.33E-01	3.51E-01	3.27E-01

Sample ID: 607180 **Sample Dates: 2/26/2024 - 3/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.75E-02	0.00E+00	4.75E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.86E-01	0.00E+00	2.86E-01
K-40	6.24E-01	3.13E-01	3.35E-01

Sample ID: 607721 **Sample Dates: 3/4/2024 - 3/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.03E-02	0.00E+00	4.03E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	5.72E-01	2.89E-01	2.89E-01

Sample ID: 608958 **Sample Dates: 3/11/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.21E-02	0.00E+00	5.21E-02
Cs-134	<2.51E-02	0.00E+00	2.51E-02
Cs-137	<3.46E-02	0.00E+00	3.46E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	6.59E-01	3.68E-01	4.75E-01

Sample ID: 609364 **Sample Dates: 3/18/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.69E-02	0.00E+00	4.69E-02
Cs-134	<2.05E-02	0.00E+00	2.05E-02
Cs-137	<2.47E-02	0.00E+00	2.47E-02
Be-7	<2.79E-01	0.00E+00	2.79E-01
K-40	7.81E-01	3.07E-01	7.84E-02

Sample ID: 609553 **Sample Dates: 3/25/2024 - 4/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<2.79E-02	0.00E+00	2.79E-02
Cs-134	<1.67E-02	0.00E+00	1.67E-02
Cs-137	<2.03E-02	0.00E+00	2.03E-02
Be-7	<1.48E-01	0.00E+00	1.48E-01
K-40	3.67E-01	2.34E-01	2.95E-01

Sample ID: 610021 **Sample Dates: 4/1/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.82E-02	0.00E+00	5.82E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02
Be-7	<2.51E-01	0.00E+00	2.51E-01
K-40	4.20E-01	4.23E-01	6.72E-01

Sample ID: 610529 **Sample Dates: 4/8/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.37E-02	0.00E+00	4.37E-02
Cs-134	<2.44E-02	0.00E+00	2.44E-02
Cs-137	<2.09E-02	0.00E+00	2.09E-02
Be-7	<1.27E-01	0.00E+00	1.27E-01
K-40	5.41E-01	2.47E-01	2.09E-01

Sample ID: 611062 **Sample Dates: 4/15/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.82E-02	0.00E+00	4.82E-02
Cs-134	<2.88E-02	0.00E+00	2.88E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<2.85E-01	0.00E+00	2.85E-01
K-40	8.10E-01	3.71E-01	4.08E-01

Sample ID: 611232 **Sample Dates: 4/22/2024 - 4/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.18E-02	0.00E+00	4.18E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<3.61E-02	0.00E+00	3.61E-02
Be-7	<2.04E-01	0.00E+00	2.04E-01
K-40	6.48E-01	3.53E-01	4.38E-01

Sample ID: 611571 **Sample Dates: 4/29/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.36E-02	0.00E+00	4.36E-02
Cs-134	<3.43E-02	0.00E+00	3.43E-02
Cs-137	<3.08E-02	0.00E+00	3.08E-02
Be-7	<2.45E-01	0.00E+00	2.45E-01
K-40	5.10E-01	2.44E-01	7.69E-02

Sample ID: 611825 **Sample Dates: 5/6/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.28E-02	0.00E+00	5.28E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<1.98E-02	0.00E+00	1.98E-02
Be-7	<1.97E-01	0.00E+00	1.97E-01
K-40	5.98E-01	3.60E-01	4.80E-01

Sample ID: 612328 **Sample Dates: 5/13/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.43E-02	0.00E+00	4.43E-02
Cs-134	<3.65E-02	0.00E+00	3.65E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	6.82E-01	3.03E-01	2.45E-01

Sample ID: 612596 **Sample Dates: 5/20/2024 - 5/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.39E-02	0.00E+00	4.39E-02
Cs-134	<2.30E-02	0.00E+00	2.30E-02
Cs-137	<2.14E-02	0.00E+00	2.14E-02
Be-7	<2.27E-01	0.00E+00	2.27E-01
K-40	6.90E-01	2.86E-01	2.31E-01

Sample ID: 612769 **Sample Dates: 5/28/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.35E-02	0.00E+00	4.35E-02
Cs-134	<3.56E-02	0.00E+00	3.56E-02
Cs-137	<3.24E-02	0.00E+00	3.24E-02
Be-7	<2.36E-01	0.00E+00	2.36E-01
K-40	7.75E-01	3.55E-01	3.21E-01

Sample ID: 613609 **Sample Dates: 6/3/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.73E-02	0.00E+00	4.73E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.76E-02	0.00E+00	2.76E-02
Be-7	<1.87E-01	0.00E+00	1.87E-01
K-40	<6.51E-01	0.00E+00	6.51E-01

Sample ID: 614122 **Sample Dates: 6/10/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.16E-02	0.00E+00	3.16E-02
Cs-134	<2.02E-02	0.00E+00	2.02E-02
Cs-137	<1.94E-02	0.00E+00	1.94E-02
Be-7	<1.73E-01	0.00E+00	1.73E-01
K-40	9.06E-01	3.30E-01	2.67E-01

Sample ID: 614358 **Sample Dates: 6/17/2024 - 6/24/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.53E-02	0.00E+00	4.53E-02
Cs-134	<3.95E-02	0.00E+00	3.95E-02
Cs-137	<1.73E-02	0.00E+00	1.73E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	5.33E-01	3.13E-01	3.88E-01

Sample ID: 614530 **Sample Dates: 6/24/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.87E-02	0.00E+00	3.87E-02
Cs-134	<2.58E-02	0.00E+00	2.58E-02
Cs-137	<3.34E-02	0.00E+00	3.34E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	1.10E+00	3.63E-01	7.66E-02

Sample ID: 614766 **Sample Dates: 7/1/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.38E-02	0.00E+00	4.38E-02
Cs-134	<3.42E-02	0.00E+00	3.42E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<1.95E-01	0.00E+00	1.95E-01
K-40	8.79E-01	3.84E-01	4.18E-01

Sample ID: 615138 **Sample Dates: 7/8/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.01E-02	0.00E+00	5.01E-02
Cs-134	<3.48E-02	0.00E+00	3.48E-02
Cs-137	<3.13E-02	0.00E+00	3.13E-02
Be-7	<2.66E-01	0.00E+00	2.66E-01
K-40	<7.22E-01	0.00E+00	7.22E-01

Sample ID: 615948 **Sample Dates: 7/15/2024 - 7/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.46E-02	0.00E+00	4.46E-02
Cs-134	<2.61E-02	0.00E+00	2.61E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	6.75E-01	3.30E-01	3.57E-01

Sample ID: 616410 **Sample Dates: 7/22/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.02E-02	0.00E+00	4.02E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.34E-01	0.00E+00	2.34E-01
K-40	7.99E-01	3.08E-01	7.73E-02

Sample ID: 616682 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.26E-02	0.00E+00	4.26E-02
Cs-134	<4.05E-02	0.00E+00	4.05E-02
Cs-137	<2.91E-02	0.00E+00	2.91E-02
Be-7	<1.72E-01	0.00E+00	1.72E-01
K-40	4.77E-01	3.69E-01	5.45E-01

Sample ID: 617083 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.47E-02	0.00E+00	4.47E-02
Cs-134	<3.28E-02	0.00E+00	3.28E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	5.83E-01	3.04E-01	3.30E-01

Sample ID: 617561 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.19E-02	0.00E+00	5.19E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<2.01E-02	0.00E+00	2.01E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	6.32E-01	3.19E-01	3.47E-01

Sample ID: 618055 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.09E-02	0.00E+00	4.09E-02
Cs-134	<2.01E-02	0.00E+00	2.01E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.13E-01	0.00E+00	2.13E-01
K-40	<7.54E-01	0.00E+00	7.54E-01

Sample ID: 618235 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.72E-02	0.00E+00	5.72E-02
Cs-134	<1.75E-02	0.00E+00	1.75E-02
Cs-137	<1.93E-02	0.00E+00	1.93E-02
Be-7	<2.05E-01	0.00E+00	2.05E-01
K-40	4.85E-01	2.67E-01	3.11E-01

Sample ID: 618472 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.03E-02	0.00E+00	5.03E-02
Cs-134	<2.76E-02	0.00E+00	2.76E-02
Cs-137	<3.48E-02	0.00E+00	3.48E-02
Be-7	<2.05E-01	0.00E+00	2.05E-01
K-40	7.56E-01	3.53E-01	3.18E-01

Sample ID: 619547 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.14E-02	0.00E+00	4.14E-02
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.53E-01	0.00E+00	2.53E-01
K-40	8.07E-01	3.32E-01	2.75E-01

Sample ID: 619821 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.09E-02	0.00E+00	4.09E-02
Cs-134	<3.44E-02	0.00E+00	3.44E-02
Cs-137	<2.00E-02	0.00E+00	2.00E-02
Be-7	<2.22E-01	0.00E+00	2.22E-01
K-40	7.07E-01	3.27E-01	3.27E-01

Sample ID: 620204 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.53E-02	0.00E+00	4.53E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<3.24E-02	0.00E+00	3.24E-02
Be-7	<2.56E-01	0.00E+00	2.56E-01
K-40	6.71E-01	3.04E-01	2.65E-01

Sample ID: 620422 **Sample Dates: 9/30/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.99E-02	0.00E+00	4.99E-02
Cs-134	<3.48E-02	0.00E+00	3.48E-02
Cs-137	<3.77E-02	0.00E+00	3.77E-02
Be-7	<2.73E-01	0.00E+00	2.73E-01
K-40	8.07E-01	3.43E-01	3.15E-01

Sample ID: 620716 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.09E-02	0.00E+00	5.09E-02
Cs-134	<3.64E-02	0.00E+00	3.64E-02
Cs-137	<2.24E-02	0.00E+00	2.24E-02
Be-7	<2.76E-01	0.00E+00	2.76E-01
K-40	7.75E-01	3.34E-01	3.06E-01

Sample ID: 621282 **Sample Dates: 10/14/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.02E-02	0.00E+00	4.02E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.80E-01	0.00E+00	2.80E-01
K-40	4.23E-01	3.08E-01	4.28E-01

Sample ID: 621676 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.67E-02	0.00E+00	4.67E-02
Cs-134	<2.00E-02	0.00E+00	2.00E-02
Cs-137	<2.41E-02	0.00E+00	2.41E-02
Be-7	<2.39E-01	0.00E+00	2.39E-01
K-40	6.13E-01	3.19E-01	3.61E-01

Sample ID: 622026 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.40E-02	0.00E+00	5.40E-02
Cs-134	<2.62E-02	0.00E+00	2.62E-02
Cs-137	<2.24E-02	0.00E+00	2.24E-02
Be-7	<2.08E-01	0.00E+00	2.08E-01
K-40	<7.46E-01	0.00E+00	7.46E-01

Sample ID: 622300 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.15E-02	0.00E+00	5.15E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<3.38E-02	0.00E+00	3.38E-02
Be-7	<2.72E-01	0.00E+00	2.72E-01
K-40	8.62E-01	3.48E-01	2.97E-01

Sample ID: 622659 **Sample Dates: 11/11/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.85E-02	0.00E+00	3.85E-02
Cs-134	<2.37E-02	0.00E+00	2.37E-02
Cs-137	<3.55E-02	0.00E+00	3.55E-02
Be-7	<2.16E-01	0.00E+00	2.16E-01
K-40	6.76E-01	3.11E-01	2.84E-01

Sample Point 093 [CONTROL - SE @ 9.34 miles]

Sample ID: 622939 **Sample Dates: 11/18/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.00E-02	0.00E+00	5.00E-02
Cs-134	<3.74E-02	0.00E+00	3.74E-02
Cs-137	<2.40E-02	0.00E+00	2.40E-02
Be-7	<2.44E-01	0.00E+00	2.44E-01
K-40	4.78E-01	2.35E-01	7.62E-02

Sample ID: 623263 **Sample Dates: 11/25/2024 - 12/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.18E-02	0.00E+00	5.18E-02
Cs-134	<2.64E-02	0.00E+00	2.64E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<2.30E-01	0.00E+00	2.30E-01
K-40	7.53E-01	3.65E-01	4.20E-01

Sample ID: 624102 **Sample Dates: 12/2/2024 - 12/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.48E-02	0.00E+00	4.48E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.77E-01	0.00E+00	2.77E-01
K-40	<6.25E-01	0.00E+00	6.25E-01

Sample ID: 624630 **Sample Dates: 12/9/2024 - 12/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.71E-02	0.00E+00	4.71E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<2.79E-02	0.00E+00	2.79E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	<6.41E-01	0.00E+00	6.41E-01

Sample ID: 624837 **Sample Dates: 12/16/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.74E-02	0.00E+00	5.74E-02
Cs-134	<1.58E-02	0.00E+00	1.58E-02
Cs-137	<1.91E-02	0.00E+00	1.91E-02
Be-7	<1.68E-01	0.00E+00	1.68E-01
K-40	7.83E-01	2.94E-01	3.55E-01

Sample ID: 625052 **Sample Dates: 12/23/2024 - 12/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.92E-02	0.00E+00	4.92E-02
Cs-134	<3.30E-02	0.00E+00	3.30E-02
Cs-137	<2.46E-02	0.00E+00	2.46E-02
Be-7	<2.70E-01	0.00E+00	2.70E-01
K-40	5.76E-01	2.62E-01	7.80E-02

Sample Point 094 [INDICATOR - W @ 0.29 miles]

Sample ID: 615155 **Sample Dates: 6/25/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.86E-02	0.00E+00	4.86E-02
Cs-134	<3.66E-02	0.00E+00	3.66E-02
Cs-137	<2.67E-02	0.00E+00	2.67E-02
Be-7	<2.18E-01	0.00E+00	2.18E-01
K-40	5.90E-01	3.59E-01	4.46E-01

Sample ID: 615158 **Sample Dates: 7/1/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.68E-02	0.00E+00	4.68E-02
Cs-134	<3.78E-02	0.00E+00	3.78E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	7.88E-01	3.50E-01	3.57E-01

Sample ID: 615154 **Sample Dates: 7/8/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.05E-02	0.00E+00	5.05E-02
Cs-134	<2.03E-02	0.00E+00	2.03E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	<2.78E-01	0.00E+00	2.78E-01
K-40	7.04E-01	3.10E-01	2.60E-01

Sample ID: 615949 **Sample Dates: 7/15/2024 - 7/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.28E-02	0.00E+00	5.28E-02
Cs-134	<3.07E-02	0.00E+00	3.07E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<2.33E-01	0.00E+00	2.33E-01
K-40	6.66E-01	3.36E-01	3.80E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 094 [INDICATOR - W @ 0.29 miles]

Sample ID: 616411 **Sample Dates: 7/22/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.24E-02	0.00E+00	4.24E-02
Cs-134	<3.63E-02	0.00E+00	3.63E-02
Cs-137	<2.62E-02	0.00E+00	2.62E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	5.43E-01	3.36E-01	4.43E-01

Sample ID: 616683 **Sample Dates: 7/29/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.13E-02	0.00E+00	4.13E-02
Cs-134	<3.41E-02	0.00E+00	3.41E-02
Cs-137	<2.75E-02	0.00E+00	2.75E-02
Be-7	<2.03E-01	0.00E+00	2.03E-01
K-40	6.48E-01	2.75E-01	7.64E-02

Sample ID: 617084 **Sample Dates: 8/5/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.53E-02	0.00E+00	4.53E-02
Cs-134	<1.61E-02	0.00E+00	1.61E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	6.56E-01	3.16E-01	3.23E-01

Sample ID: 617562 **Sample Dates: 8/12/2024 - 8/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.70E-02	0.00E+00	4.70E-02
Cs-134	<2.32E-02	0.00E+00	2.32E-02
Cs-137	<2.60E-02	0.00E+00	2.60E-02
Be-7	4.86E-02	1.11E-01	1.98E-01
K-40	5.54E-01	3.44E-01	4.59E-01

Sample ID: 618056 **Sample Dates: 8/19/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.60E-02	0.00E+00	3.60E-02
Cs-134	<3.24E-02	0.00E+00	3.24E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	8.49E-01	3.48E-01	3.12E-01

Sample ID: 618236 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.21E-02	0.00E+00	5.21E-02
Cs-134	<2.51E-02	0.00E+00	2.51E-02
Cs-137	<2.13E-02	0.00E+00	2.13E-02
Be-7	<1.72E-01	0.00E+00	1.72E-01
K-40	8.22E-01	3.21E-01	2.80E-01

Sample ID: 618473 **Sample Dates: 9/3/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.21E-02	0.00E+00	5.21E-02
Cs-134	<3.84E-02	0.00E+00	3.84E-02
Cs-137	<3.80E-02	0.00E+00	3.80E-02
Be-7	<2.41E-01	0.00E+00	2.41E-01
K-40	4.70E-01	3.14E-01	3.97E-01

Sample ID: 619548 **Sample Dates: 9/9/2024 - 9/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.75E-02	0.00E+00	4.75E-02
Cs-134	<3.02E-02	0.00E+00	3.02E-02
Cs-137	<1.70E-02	0.00E+00	1.70E-02
Be-7	<2.43E-01	0.00E+00	2.43E-01
K-40	4.11E-01	2.93E-01	4.00E-01

Sample ID: 619822 **Sample Dates: 9/16/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.04E-02	0.00E+00	3.04E-02
Cs-134	<2.63E-02	0.00E+00	2.63E-02
Cs-137	<2.97E-02	0.00E+00	2.97E-02
Be-7	<2.48E-01	0.00E+00	2.48E-01
K-40	8.94E-01	3.56E-01	3.04E-01

Sample ID: 620205 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.83E-02	0.00E+00	3.83E-02
Cs-134	<3.03E-02	0.00E+00	3.03E-02
Cs-137	<2.12E-02	0.00E+00	2.12E-02
Be-7	<2.72E-01	0.00E+00	2.72E-01
K-40	6.58E-01	3.95E-01	5.29E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 094 [INDICATOR - W @ 0.29 miles]

Sample ID: 620423 **Sample Dates: 9/30/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.03E-02	0.00E+00	5.03E-02
Cs-134	<3.65E-02	0.00E+00	3.65E-02
Cs-137	<2.81E-02	0.00E+00	2.81E-02
Be-7	<2.99E-01	0.00E+00	2.99E-01
K-40	5.52E-01	3.29E-01	4.18E-01

Sample ID: 620717 **Sample Dates: 10/7/2024 - 10/14/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.07E-02	0.00E+00	6.07E-02
Cs-134	<2.87E-02	0.00E+00	2.87E-02
Cs-137	<3.11E-02	0.00E+00	3.11E-02
Be-7	<1.66E-01	0.00E+00	1.66E-01
K-40	7.18E-01	2.93E-01	7.78E-02

Sample ID: 621283 **Sample Dates: 10/14/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.08E-02	0.00E+00	4.08E-02
Cs-134	<2.59E-02	0.00E+00	2.59E-02
Cs-137	<3.22E-02	0.00E+00	3.22E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	5.39E-01	2.51E-01	7.68E-02

Sample ID: 621677 **Sample Dates: 10/21/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.76E-02	0.00E+00	4.76E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.40E-01	0.00E+00	2.40E-01
K-40	8.53E-01	3.19E-01	7.71E-02

Sample ID: 622027 **Sample Dates: 10/28/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.06E-02	0.00E+00	4.06E-02
Cs-134	<3.27E-02	0.00E+00	3.27E-02
Cs-137	<3.10E-02	0.00E+00	3.10E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	<7.30E-01	0.00E+00	7.30E-01

Sample ID: 622301 **Sample Dates: 11/4/2024 - 11/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.09E-02	0.00E+00	4.09E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<1.63E-01	0.00E+00	1.63E-01
K-40	9.44E-01	3.37E-01	7.75E-02

Sample ID: 622660 **Sample Dates: 11/11/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.89E-02	0.00E+00	3.89E-02
Cs-134	<1.60E-02	0.00E+00	1.60E-02
Cs-137	<2.78E-02	0.00E+00	2.78E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	8.23E-01	3.46E-01	3.19E-01

Sample ID: 622940 **Sample Dates: 11/18/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.83E-02	0.00E+00	5.83E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<2.92E-02	0.00E+00	2.92E-02
Be-7	<2.09E-01	0.00E+00	2.09E-01
K-40	4.99E-01	2.77E-01	3.01E-01

Sample ID: 623264 **Sample Dates: 11/25/2024 - 12/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.35E-02	0.00E+00	5.35E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	<1.65E-01	0.00E+00	1.65E-01
K-40	6.00E-01	3.39E-01	4.23E-01

Sample ID: 624103 **Sample Dates: 12/2/2024 - 12/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.25E-02	0.00E+00	4.25E-02
Cs-134	<3.06E-02	0.00E+00	3.06E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<1.95E-01	0.00E+00	1.95E-01
K-40	7.41E-01	3.35E-01	3.35E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 094 [INDICATOR - W @ 0.29 miles]

Sample ID: 624631 **Sample Dates: 12/9/2024 - 12/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.73E-02	0.00E+00	4.73E-02
Cs-134	<3.23E-02	0.00E+00	3.23E-02
Cs-137	<3.07E-02	0.00E+00	3.07E-02
Be-7	<2.22E-01	0.00E+00	2.22E-01
K-40	<7.61E-01	0.00E+00	7.61E-01

Sample ID: 624838 **Sample Dates: 12/16/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.07E-02	0.00E+00	6.07E-02
Cs-134	<2.25E-02	0.00E+00	2.25E-02
Cs-137	<1.91E-02	0.00E+00	1.91E-02
Be-7	<1.87E-01	0.00E+00	1.87E-01
K-40	4.98E-01	2.33E-01	2.80E-01

Sample ID: 625053 **Sample Dates: 12/23/2024 - 12/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.54E-02	0.00E+00	3.54E-02
Cs-134	<3.09E-02	0.00E+00	3.09E-02
Cs-137	<3.12E-02	0.00E+00	3.12E-02
Be-7	<2.29E-01	0.00E+00	2.29E-01
K-40	<6.30E-01	0.00E+00	6.30E-01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 060 [INDICATOR - NE @ 3.23 miles]

Sample ID: 604110 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.18E+00	0.00E+00	3.18E+00
Mn-54	<3.65E+00	0.00E+00	3.65E+00
Co-58	<3.74E+00	0.00E+00	3.74E+00
Fe-59	<6.22E+00	0.00E+00	6.22E+00
Co-60	<3.13E+00	0.00E+00	3.13E+00
Zn-65	<6.16E+00	0.00E+00	6.16E+00
Zr-95	<5.74E+00	0.00E+00	5.74E+00
Nb-95	<3.64E+00	0.00E+00	3.64E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<4.25E+00	0.00E+00	4.25E+00
Cs-137	<3.62E+00	0.00E+00	3.62E+00
BaLa-140	<7.46E+00	0.00E+00	7.46E+00
Be-7	<3.42E+01	0.00E+00	3.42E+01
K-40	9.86E+01	3.40E+01	3.10E+01

Sample ID: 605341 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.75E+00	0.00E+00	3.75E+00
Co-58	<3.80E+00	0.00E+00	3.80E+00
Fe-59	<8.53E+00	0.00E+00	8.53E+00
Co-60	<4.97E+00	0.00E+00	4.97E+00
Zn-65	<6.33E+00	0.00E+00	6.33E+00
Zr-95	<7.72E+00	0.00E+00	7.72E+00
Nb-95	<4.71E+00	0.00E+00	4.71E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<4.65E+00	0.00E+00	4.65E+00
Cs-137	<4.33E+00	0.00E+00	4.33E+00
BaLa-140	<7.52E+00	0.00E+00	7.52E+00
Be-7	<3.41E+01	0.00E+00	3.41E+01
K-40	9.12E+01	4.45E+01	5.70E+01

Sample ID: 609129 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.19E+00	0.00E+00	3.19E+00
Mn-54	<2.84E+00	0.00E+00	2.84E+00
Co-58	<3.64E+00	0.00E+00	3.64E+00
Fe-59	<7.01E+00	0.00E+00	7.01E+00
Co-60	<2.74E+00	0.00E+00	2.74E+00
Zn-65	<6.50E+00	0.00E+00	6.50E+00
Zr-95	<4.79E+00	0.00E+00	4.79E+00
Nb-95	<3.31E+00	0.00E+00	3.31E+00
I-131	<1.22E+01	0.00E+00	1.22E+01
Cs-134	<3.34E+00	0.00E+00	3.34E+00
Cs-137	<3.01E+00	0.00E+00	3.01E+00
BaLa-140	<7.20E+00	0.00E+00	7.20E+00

Sample ID: 609129 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<2.93E+01	0.00E+00	2.93E+01
K-40	5.55E+01	3.41E+01	4.92E+01

Sample ID: 610530 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<-4.0E+01	0.00E+00	2.07E+02

Sample ID: 610584 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.19E+00	0.00E+00	3.19E+00
Mn-54	<2.82E+00	0.00E+00	2.82E+00
Co-58	<2.36E+00	0.00E+00	2.36E+00
Fe-59	<6.77E+00	0.00E+00	6.77E+00
Co-60	<3.40E+00	0.00E+00	3.40E+00
Zn-65	<6.28E+00	0.00E+00	6.28E+00
Zr-95	<6.82E+00	0.00E+00	6.82E+00
Nb-95	<4.67E+00	0.00E+00	4.67E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<3.82E+00	0.00E+00	3.82E+00
Cs-137	<3.06E+00	0.00E+00	3.06E+00
BaLa-140	<4.47E+00	0.00E+00	4.47E+00
Be-7	<3.31E+01	0.00E+00	3.31E+01
K-40	8.55E+01	3.93E+01	5.15E+01

Sample ID: 612075 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<3.01E+00	0.00E+00	3.01E+00
Co-58	<3.38E+00	0.00E+00	3.38E+00
Fe-59	<5.72E+00	0.00E+00	5.72E+00
Co-60	<3.20E+00	0.00E+00	3.20E+00
Zn-65	<6.33E+00	0.00E+00	6.33E+00
Zr-95	<6.74E+00	0.00E+00	6.74E+00
Nb-95	<4.09E+00	0.00E+00	4.09E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.91E+00	0.00E+00	3.91E+00
Cs-137	<2.56E+00	0.00E+00	2.56E+00
BaLa-140	<7.11E+00	0.00E+00	7.11E+00
Be-7	<2.66E+01	0.00E+00	2.66E+01
K-40	6.34E+01	3.67E+01	5.39E+01

Sample ID: 613678 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.25E+00	0.00E+00	3.25E+00
Mn-54	<2.68E+00	0.00E+00	2.68E+00
Co-58	<4.32E+00	0.00E+00	4.32E+00
Fe-59	<7.21E+00	0.00E+00	7.21E+00
Co-60	<3.28E+00	0.00E+00	3.28E+00
Zn-65	<6.06E+00	0.00E+00	6.06E+00
Zr-95	<5.75E+00	0.00E+00	5.75E+00
Nb-95	<4.55E+00	0.00E+00	4.55E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.78E+00	0.00E+00	3.78E+00
Cs-137	<3.45E+00	0.00E+00	3.45E+00
BaLa-140	<1.06E+01	0.00E+00	1.06E+01
Be-7	<4.16E+01	0.00E+00	4.16E+01
K-40	7.47E+01	3.53E+01	4.03E+01

Sample ID: 614875 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	4.03E+00	4.31E+00	3.22E+00
Mn-54	<1.84E+00	0.00E+00	1.84E+00
Co-58	<2.37E+00	0.00E+00	2.37E+00
Fe-59	<5.12E+00	0.00E+00	5.12E+00
Co-60	<2.25E+00	0.00E+00	2.25E+00
Zn-65	<3.97E+00	0.00E+00	3.97E+00
Zr-95	<3.30E+00	0.00E+00	3.30E+00
Nb-95	<3.22E+00	0.00E+00	3.22E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<2.03E+00	0.00E+00	2.03E+00
Cs-137	<2.10E+00	0.00E+00	2.10E+00
BaLa-140	<6.12E+00	0.00E+00	6.12E+00
Be-7	<2.11E+01	0.00E+00	2.11E+01

Sample ID: 614875 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
K-40	7.86E+01	4.95E+01	2.06E+01

Sample ID: 615139 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<-5.8E+01	0.00E+00	1.86E+02

Sample ID: 616877 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.27E+00	0.00E+00	3.27E+00
Mn-54	<3.41E+00	0.00E+00	3.41E+00
Co-58	<3.10E+00	0.00E+00	3.10E+00
Fe-59	<5.99E+00	0.00E+00	5.99E+00
Co-60	<3.42E+00	0.00E+00	3.42E+00
Zn-65	<7.95E+00	0.00E+00	7.95E+00
Zr-95	<6.55E+00	0.00E+00	6.55E+00
Nb-95	<3.77E+00	0.00E+00	3.77E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.57E+00	0.00E+00	3.57E+00
Cs-137	<3.04E+00	0.00E+00	3.04E+00
BaLa-140	<1.00E+01	0.00E+00	1.00E+01
Be-7	<3.68E+01	0.00E+00	3.68E+01
K-40	6.28E+01	3.16E+01	4.02E+01

Sample ID: 618341 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<2.47E+00	0.00E+00	2.47E+00
Co-58	<3.63E+00	0.00E+00	3.63E+00
Fe-59	<8.24E+00	0.00E+00	8.24E+00
Co-60	<2.61E+00	0.00E+00	2.61E+00
Zn-65	<6.65E+00	0.00E+00	6.65E+00
Zr-95	<6.29E+00	0.00E+00	6.29E+00
Nb-95	<3.54E+00	0.00E+00	3.54E+00
I-131	<1.23E+01	0.00E+00	1.23E+01
Cs-134	<3.31E+00	0.00E+00	3.31E+00
Cs-137	<2.41E+00	0.00E+00	2.41E+00
BaLa-140	<6.96E+00	0.00E+00	6.96E+00
Be-7	<2.63E+01	0.00E+00	2.63E+01
K-40	6.92E+01	3.51E+01	4.75E+01

Sample ID: 620274 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.23E+00	0.00E+00	3.23E+00
Mn-54	<4.37E+00	0.00E+00	4.37E+00
Co-58	<4.84E+00	0.00E+00	4.84E+00
Fe-59	<9.85E+00	0.00E+00	9.85E+00
Co-60	<4.70E+00	0.00E+00	4.70E+00
Zn-65	<8.06E+00	0.00E+00	8.06E+00
Zr-95	<9.27E+00	0.00E+00	9.27E+00
Nb-95	<6.06E+00	0.00E+00	6.06E+00
I-131	<1.27E+01	0.00E+00	1.27E+01
Cs-134	<5.05E+00	0.00E+00	5.05E+00
Cs-137	<4.58E+00	0.00E+00	4.58E+00
BaLa-140	<1.18E+01	0.00E+00	1.18E+01
Be-7	<4.37E+01	0.00E+00	4.37E+01
K-40	8.31E+01	4.80E+01	6.52E+01

Sample ID: 620505 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<-2.2E+01	0.00E+00	1.95E+02

Sample ID: 621855 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.32E+00	0.00E+00	3.32E+00
Mn-54	<2.83E+00	0.00E+00	2.83E+00
Co-58	<2.84E+00	0.00E+00	2.84E+00
Fe-59	<5.56E+00	0.00E+00	5.56E+00
Co-60	<2.44E+00	0.00E+00	2.44E+00
Zn-65	<6.25E+00	0.00E+00	6.25E+00
Zr-95	<6.52E+00	0.00E+00	6.52E+00
Nb-95	<3.65E+00	0.00E+00	3.65E+00
I-131	<1.19E+01	0.00E+00	1.19E+01
Cs-134	<3.50E+00	0.00E+00	3.50E+00
Cs-137	<2.90E+00	0.00E+00	2.90E+00
BaLa-140	<6.84E+00	0.00E+00	6.84E+00

Sample Point 060 [INDICATOR - NE @ 3.23 miles]

Sample ID: 621855 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<3.32E+01	0.00E+00	3.32E+01
K-40	5.64E+01	3.56E+01	5.25E+01

Sample ID: 623030 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.31E+00	0.00E+00	3.31E+00
Mn-54	<1.62E+00	0.00E+00	1.62E+00
Co-58	<1.88E+00	0.00E+00	1.88E+00
Fe-59	<3.82E+00	0.00E+00	3.82E+00
Co-60	<1.38E+00	0.00E+00	1.38E+00
Zn-65	<3.19E+00	0.00E+00	3.19E+00
Zr-95	<3.65E+00	0.00E+00	3.65E+00
Nb-95	<2.31E+00	0.00E+00	2.31E+00
I-131	<1.16E+01	0.00E+00	1.16E+01
Cs-134	<2.07E+00	0.00E+00	2.07E+00
Cs-137	<1.85E+00	0.00E+00	1.85E+00
BaLa-140	<5.25E+00	0.00E+00	5.25E+00
Be-7	<1.68E+01	0.00E+00	1.68E+01
K-40	7.59E+01	2.12E+01	2.69E+01

Sample ID: 624839 **Sample Dates: 9/30/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<-5.3E+01	0.00E+00	1.88E+02

Sample ID: 624919 **Sample Dates: 11/25/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.24E+00	0.00E+00	3.24E+00
Mn-54	<1.88E+00	0.00E+00	1.88E+00
Co-58	<2.29E+00	0.00E+00	2.29E+00
Fe-59	<4.43E+00	0.00E+00	4.43E+00
Co-60	<1.81E+00	0.00E+00	1.81E+00
Zn-65	<3.88E+00	0.00E+00	3.88E+00
Zr-95	<4.12E+00	0.00E+00	4.12E+00
Nb-95	<2.82E+00	0.00E+00	2.82E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<2.23E+00	0.00E+00	2.23E+00
Cs-137	<2.06E+00	0.00E+00	2.06E+00
BaLa-140	<5.81E+00	0.00E+00	5.81E+00
Be-7	<2.08E+01	0.00E+00	2.08E+01
K-40	1.04E+02	2.33E+01	2.30E+01

Sample Point 064 [CONTROL - SSW @ 6.67 miles]

Sample ID: 604111 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.18E+00	0.00E+00	3.18E+00
Mn-54	<3.57E+00	0.00E+00	3.57E+00
Co-58	<3.26E+00	0.00E+00	3.26E+00
Fe-59	<7.78E+00	0.00E+00	7.78E+00
Co-60	<2.74E+00	0.00E+00	2.74E+00
Zn-65	<7.22E+00	0.00E+00	7.22E+00
Zr-95	<6.90E+00	0.00E+00	6.90E+00
Nb-95	<4.27E+00	0.00E+00	4.27E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.67E+00	0.00E+00	3.67E+00
Cs-137	<2.85E+00	0.00E+00	2.85E+00
BaLa-140	<6.36E+00	0.00E+00	6.36E+00
Be-7	<3.47E+01	0.00E+00	3.47E+01
K-40	8.29E+01	3.52E+01	4.27E+01

Sample ID: 605342 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.12E+00	0.00E+00	3.12E+00
Co-58	<3.37E+00	0.00E+00	3.37E+00
Fe-59	<8.05E+00	0.00E+00	8.05E+00
Co-60	<3.50E+00	0.00E+00	3.50E+00
Zn-65	<6.72E+00	0.00E+00	6.72E+00
Zr-95	<4.96E+00	0.00E+00	4.96E+00
Nb-95	<4.35E+00	0.00E+00	4.35E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.46E+00	0.00E+00	3.46E+00
Cs-137	<2.75E+00	0.00E+00	2.75E+00

Sample ID: 605342 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
BaLa-140	<8.08E+00	0.00E+00	8.08E+00
Be-7	<3.15E+01	0.00E+00	3.15E+01
K-40	9.39E+01	3.27E+01	3.22E+01

Sample ID: 609130 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.23E+00	0.00E+00	3.23E+00
Mn-54	<3.22E+00	0.00E+00	3.22E+00
Co-58	<4.95E+00	0.00E+00	4.95E+00
Fe-59	<1.01E+01	0.00E+00	1.01E+01
Co-60	<2.84E+00	0.00E+00	2.84E+00
Zn-65	<7.39E+00	0.00E+00	7.39E+00
Zr-95	<9.87E+00	0.00E+00	9.87E+00
Nb-95	<4.55E+00	0.00E+00	4.55E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<4.40E+00	0.00E+00	4.40E+00
Cs-137	<4.00E+00	0.00E+00	4.00E+00
BaLa-140	<9.37E+00	0.00E+00	9.37E+00
Be-7	<3.48E+01	0.00E+00	3.48E+01
K-40	4.82E+01	3.73E+01	5.46E+01

Sample ID: 610531 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	<-7.8E+01	0.00E+00	2.07E+02

Sample ID: 610585 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.19E+00	0.00E+00	3.19E+00
Mn-54	<3.88E+00	0.00E+00	3.88E+00
Co-58	<3.84E+00	0.00E+00	3.84E+00
Fe-59	<9.17E+00	0.00E+00	9.17E+00
Co-60	<4.61E+00	0.00E+00	4.61E+00
Zn-65	<8.50E+00	0.00E+00	8.50E+00
Zr-95	<7.27E+00	0.00E+00	7.27E+00
Nb-95	<4.62E+00	0.00E+00	4.62E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<5.11E+00	0.00E+00	5.11E+00
Cs-137	<4.77E+00	0.00E+00	4.77E+00
BaLa-140	<1.11E+01	0.00E+00	1.11E+01
Be-7	<3.51E+01	0.00E+00	3.51E+01
K-40	<8.86E+01	0.00E+00	8.86E+01

Sample ID: 612076 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<2.97E+00	0.00E+00	2.97E+00
Co-58	<3.56E+00	0.00E+00	3.56E+00
Fe-59	<7.09E+00	0.00E+00	7.09E+00
Co-60	<3.36E+00	0.00E+00	3.36E+00
Zn-65	<7.59E+00	0.00E+00	7.59E+00
Zr-95	<4.73E+00	0.00E+00	4.73E+00
Nb-95	<4.95E+00	0.00E+00	4.95E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<3.40E+00	0.00E+00	3.40E+00
Cs-137	<2.78E+00	0.00E+00	2.78E+00
BaLa-140	<6.82E+00	0.00E+00	6.82E+00
Be-7	<2.42E+01	0.00E+00	2.42E+01
K-40	8.95E+01	4.23E+01	5.75E+01

Sample ID: 613679 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.25E+00	0.00E+00	3.25E+00
Mn-54	<2.40E+00	0.00E+00	2.40E+00
Co-58	<3.08E+00	0.00E+00	3.08E+00
Fe-59	<6.48E+00	0.00E+00	6.48E+00
Co-60	<3.21E+00	0.00E+00	3.21E+00
Zn-65	<6.23E+00	0.00E+00	6.23E+00
Zr-95	<6.43E+00	0.00E+00	6.43E+00
Nb-95	<4.12E+00	0.00E+00	4.12E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.85E+00	0.00E+00	3.85E+00
Cs-137	<3.11E+00	0.00E+00	3.11E+00
BaLa-140	<9.12E+00	0.00E+00	9.12E+00

Sample ID:	613679	Sample Dates: 5/13/2024 - 6/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.75E+01	0.00E+00	2.75E+01
			K-40	<4.92E+01	0.00E+00	4.92E+01
Sample ID:	**614876**	**Sample Dates: 6/10/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	4.10E+00	4.31E+00	3.22E+00
			Mn-54	<2.36E+00	0.00E+00	2.36E+00
			Co-58	<2.79E+00	0.00E+00	2.79E+00
			Fe-59	<5.69E+00	0.00E+00	5.69E+00
			Co-60	<2.30E+00	0.00E+00	2.30E+00
			Zn-65	<4.30E+00	0.00E+00	4.30E+00
			Zr-95	<4.87E+00	0.00E+00	4.87E+00
			Nb-95	<3.24E+00	0.00E+00	3.24E+00
			I-131	<1.24E+01	0.00E+00	1.24E+01
			Cs-134	<2.66E+00	0.00E+00	2.66E+00
			Cs-137	<2.76E+00	0.00E+00	2.76E+00
			BaLa-140	<5.85E+00	0.00E+00	5.85E+00
			Be-7	<2.80E+01	0.00E+00	2.80E+01
			K-40	5.19E+01	2.38E+01	3.11E+01
Sample ID:	**615140**	**Sample Dates: 4/15/2024 - 7/8/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<1.05E+02	0.00E+00	1.85E+02
Sample ID:	**616878**	**Sample Dates: 7/8/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.27E+00	0.00E+00	3.27E+00
			Mn-54	<4.11E+00	0.00E+00	4.11E+00
			Co-58	<3.92E+00	0.00E+00	3.92E+00
			Fe-59	<9.33E+00	0.00E+00	9.33E+00
			Co-60	<3.70E+00	0.00E+00	3.70E+00
			Zn-65	<6.25E+00	0.00E+00	6.25E+00
			Zr-95	<6.95E+00	0.00E+00	6.95E+00
			Nb-95	<2.85E+00	0.00E+00	2.85E+00
			I-131	<1.32E+01	0.00E+00	1.32E+01
			Cs-134	<3.30E+00	0.00E+00	3.30E+00
			Cs-137	<3.57E+00	0.00E+00	3.57E+00
			BaLa-140	<1.04E+01	0.00E+00	1.04E+01
			Be-7	<3.55E+01	0.00E+00	3.55E+01
			K-40	6.95E+01	3.61E+01	4.42E+01
Sample ID:	**618342**	**Sample Dates: 8/5/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.10E+00	0.00E+00	3.10E+00
			Mn-54	<3.05E+00	0.00E+00	3.05E+00
			Co-58	<3.52E+00	0.00E+00	3.52E+00
			Fe-59	<8.15E+00	0.00E+00	8.15E+00
			Co-60	<3.36E+00	0.00E+00	3.36E+00
			Zn-65	<7.26E+00	0.00E+00	7.26E+00
			Zr-95	<7.96E+00	0.00E+00	7.96E+00
			Nb-95	<3.75E+00	0.00E+00	3.75E+00
			I-131	<1.31E+01	0.00E+00	1.31E+01
			Cs-134	<4.44E+00	0.00E+00	4.44E+00
			Cs-137	<3.12E+00	0.00E+00	3.12E+00
			BaLa-140	<7.75E+00	0.00E+00	7.75E+00
			Be-7	<2.61E+01	0.00E+00	2.61E+01
			K-40	7.85E+01	3.66E+01	4.83E+01
Sample ID:	**620275**	**Sample Dates: 9/3/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.23E+00	0.00E+00	3.23E+00
			Mn-54	<3.01E+00	0.00E+00	3.01E+00
			Co-58	<4.13E+00	0.00E+00	4.13E+00
			Fe-59	<6.18E+00	0.00E+00	6.18E+00
			Co-60	<3.35E+00	0.00E+00	3.35E+00
			Zn-65	<6.50E+00	0.00E+00	6.50E+00
			Zr-95	<5.91E+00	0.00E+00	5.91E+00
			Nb-95	<4.39E+00	0.00E+00	4.39E+00
			I-131	<1.25E+01	0.00E+00	1.25E+01
			Cs-134	<3.81E+00	0.00E+00	3.81E+00
			Cs-137	<3.13E+00	0.00E+00	3.13E+00
			BaLa-140	<8.01E+00	0.00E+00	8.01E+00
			Be-7	<3.22E+01	0.00E+00	3.22E+01

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 064 [CONTROL - SSW @ 6.67 miles]

Sample ID:	620275	Sample Dates: 9/3/2024 - 9/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	9.70E+01	3.57E+01	3.71E+01
Sample ID:	**620506**	**Sample Dates: 7/8/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<-1.1E+01	0.00E+00	1.96E+02
Sample ID:	**621856**	**Sample Dates: 9/30/2024 - 10/28/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.32E+00	0.00E+00	3.32E+00
			Mn-54	<3.45E+00	0.00E+00	3.45E+00
			Co-58	<4.09E+00	0.00E+00	4.09E+00
			Fe-59	<7.80E+00	0.00E+00	7.80E+00
			Co-60	<3.52E+00	0.00E+00	3.52E+00
			Zn-65	<7.24E+00	0.00E+00	7.24E+00
			Zr-95	<5.81E+00	0.00E+00	5.81E+00
			Nb-95	<5.57E+00	0.00E+00	5.57E+00
			I-131	<1.29E+01	0.00E+00	1.29E+01
			Cs-134	<3.83E+00	0.00E+00	3.83E+00
			Cs-137	<3.56E+00	0.00E+00	3.56E+00
			BaLa-140	<9.93E+00	0.00E+00	9.93E+00
			Be-7	<4.00E+01	0.00E+00	4.00E+01
			K-40	<6.72E+01	0.00E+00	6.72E+01
Sample ID:	**623031**	**Sample Dates: 10/28/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.31E+00	0.00E+00	3.31E+00
			Mn-54	<1.82E+00	0.00E+00	1.82E+00
			Co-58	<2.34E+00	0.00E+00	2.34E+00
			Fe-59	<4.45E+00	0.00E+00	4.45E+00
			Co-60	<1.85E+00	0.00E+00	1.85E+00
			Zn-65	<3.36E+00	0.00E+00	3.36E+00
			Zr-95	<3.82E+00	0.00E+00	3.82E+00
			Nb-95	<3.06E+00	0.00E+00	3.06E+00
			I-131	<1.21E+01	0.00E+00	1.21E+01
			Cs-134	<2.28E+00	0.00E+00	2.28E+00
			Cs-137	<1.65E+00	0.00E+00	1.65E+00
			BaLa-140	<6.00E+00	0.00E+00	6.00E+00
			Be-7	<1.96E+01	0.00E+00	1.96E+01
			K-40	5.85E+01	2.25E+01	3.02E+01
Sample ID:	**624840**	**Sample Dates: 9/30/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			H3DW	<2.17E+01	0.00E+00	1.87E+02
Sample ID:	**624920**	**Sample Dates: 11/25/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	<3.24E+00	0.00E+00	3.24E+00
			Mn-54	<1.95E+00	0.00E+00	1.95E+00
			Co-58	<2.04E+00	0.00E+00	2.04E+00
			Fe-59	<4.38E+00	0.00E+00	4.38E+00
			Co-60	<1.66E+00	0.00E+00	1.66E+00
			Zn-65	<3.61E+00	0.00E+00	3.61E+00
			Zr-95	<3.41E+00	0.00E+00	3.41E+00
			Nb-95	<2.68E+00	0.00E+00	2.68E+00
			I-131	<1.32E+01	0.00E+00	1.32E+01
			Cs-134	<2.36E+00	0.00E+00	2.36E+00
			Cs-137	<1.80E+00	0.00E+00	1.80E+00
			BaLa-140	<6.85E+00	0.00E+00	6.85E+00
			Be-7	<1.95E+01	0.00E+00	1.95E+01
			K-40	5.17E+01	2.22E+01	3.10E+01

Sample Point 066 [INDICATOR - SSE @ 18.9 miles]

Sample ID:	604112	Sample Dates: 12/27/2023 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	<3.18E+00	0.00E+00	3.18E+00
			Mn-54	<3.41E+00	0.00E+00	3.41E+00
			Co-58	<3.44E+00	0.00E+00	3.44E+00
			Fe-59	<8.15E+00	0.00E+00	8.15E+00
			Co-60	<2.07E+00	0.00E+00	2.07E+00
			Zn-65	<6.18E+00	0.00E+00	6.18E+00
			Zr-95	<6.11E+00	0.00E+00	6.11E+00
			Nb-95	<3.77E+00	0.00E+00	3.77E+00
			I-131	<1.21E+01	0.00E+00	1.21E+01
			Cs-134	<3.94E+00	0.00E+00	3.94E+00

Sample ID: 604112 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<3.52E+00	0.00E+00	3.52E+00
BaLa-140	<7.12E+00	0.00E+00	7.12E+00
Be-7	<2.96E+01	0.00E+00	2.96E+01
K-40	9.20E+01	3.57E+01	4.28E+01

Sample ID: 605343 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.37E+00	0.00E+00	3.37E+00
Co-58	<2.99E+00	0.00E+00	2.99E+00
Fe-59	<7.14E+00	0.00E+00	7.14E+00
Co-60	<2.26E+00	0.00E+00	2.26E+00
Zn-65	<5.34E+00	0.00E+00	5.34E+00
Zr-95	<5.55E+00	0.00E+00	5.55E+00
Nb-95	<4.42E+00	0.00E+00	4.42E+00
I-131	<1.24E+01	0.00E+00	1.24E+01
Cs-134	<3.16E+00	0.00E+00	3.16E+00
Cs-137	<3.10E+00	0.00E+00	3.10E+00
BaLa-140	<7.60E+00	0.00E+00	7.60E+00
Be-7	<2.79E+01	0.00E+00	2.79E+01
K-40	5.96E+01	3.42E+01	5.01E+01

Sample ID: 609131 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.19E+00	0.00E+00	3.19E+00
Mn-54	<3.10E+00	0.00E+00	3.10E+00
Co-58	<4.08E+00	0.00E+00	4.08E+00
Fe-59	<8.23E+00	0.00E+00	8.23E+00
Co-60	<3.85E+00	0.00E+00	3.85E+00
Zn-65	<7.10E+00	0.00E+00	7.10E+00
Zr-95	<7.25E+00	0.00E+00	7.25E+00
Nb-95	<3.90E+00	0.00E+00	3.90E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<3.19E+00	0.00E+00	3.19E+00
Cs-137	<4.68E+00	0.00E+00	4.68E+00
BaLa-140	<1.00E+01	0.00E+00	1.00E+01
Be-7	<3.63E+01	0.00E+00	3.63E+01
K-40	<7.30E+01	0.00E+00	7.30E+01

Sample ID: 610532 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	3.92E+02	1.33E+02	2.07E+02

Sample ID: 610586 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.21E+00	0.00E+00	3.21E+00
Mn-54	<3.70E+00	0.00E+00	3.70E+00
Co-58	<3.96E+00	0.00E+00	3.96E+00
Fe-59	<9.05E+00	0.00E+00	9.05E+00
Co-60	<2.01E+00	0.00E+00	2.01E+00
Zn-65	<8.39E+00	0.00E+00	8.39E+00
Zr-95	<7.85E+00	0.00E+00	7.85E+00
Nb-95	<4.82E+00	0.00E+00	4.82E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.25E+00	0.00E+00	4.25E+00
Cs-137	<4.08E+00	0.00E+00	4.08E+00
BaLa-140	<8.36E+00	0.00E+00	8.36E+00
Be-7	<3.21E+01	0.00E+00	3.21E+01
K-40	7.06E+01	3.11E+01	2.87E+01

Sample ID: 612077 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.26E+00	0.00E+00	3.26E+00
Mn-54	<2.96E+00	0.00E+00	2.96E+00
Co-58	<2.91E+00	0.00E+00	2.91E+00
Fe-59	<6.67E+00	0.00E+00	6.67E+00
Co-60	<3.30E+00	0.00E+00	3.30E+00
Zn-65	<6.11E+00	0.00E+00	6.11E+00
Zr-95	<5.75E+00	0.00E+00	5.75E+00
Nb-95	<4.01E+00	0.00E+00	4.01E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<3.64E+00	0.00E+00	3.64E+00
Cs-137	<3.54E+00	0.00E+00	3.54E+00

Sample ID: 612077 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
BaLa-140	<8.51E+00	0.00E+00	8.51E+00
Be-7	<2.85E+01	0.00E+00	2.85E+01
K-40	<6.10E+01	0.00E+00	6.10E+01

Sample ID: 613680 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.25E+00	0.00E+00	3.25E+00
Mn-54	<2.75E+00	0.00E+00	2.75E+00
Co-58	<2.59E+00	0.00E+00	2.59E+00
Fe-59	<6.63E+00	0.00E+00	6.63E+00
Co-60	<2.97E+00	0.00E+00	2.97E+00
Zn-65	<6.94E+00	0.00E+00	6.94E+00
Zr-95	<3.88E+00	0.00E+00	3.88E+00
Nb-95	<3.77E+00	0.00E+00	3.77E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<1.78E+00	0.00E+00	1.78E+00
Cs-137	<2.73E+00	0.00E+00	2.73E+00
BaLa-140	<8.88E+00	0.00E+00	8.88E+00
Be-7	<2.74E+01	0.00E+00	2.74E+01
K-40	1.21E+02	3.31E+01	2.89E+01

Sample ID: 614877 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.22E+00	0.00E+00	3.22E+00
Mn-54	<2.41E+00	0.00E+00	2.41E+00
Co-58	<2.97E+00	0.00E+00	2.97E+00
Fe-59	<4.81E+00	0.00E+00	4.81E+00
Co-60	<2.49E+00	0.00E+00	2.49E+00
Zn-65	<3.94E+00	0.00E+00	3.94E+00
Zr-95	<4.61E+00	0.00E+00	4.61E+00
Nb-95	<3.01E+00	0.00E+00	3.01E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<2.21E+00	0.00E+00	2.21E+00
Cs-137	<1.68E+00	0.00E+00	1.68E+00
BaLa-140	<5.99E+00	0.00E+00	5.99E+00
Be-7	<2.14E+01	0.00E+00	2.14E+01
K-40	8.43E+01	2.78E+01	3.44E+01

Sample ID: 615141 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	3.12E+02	1.19E+02	1.87E+02

Sample ID: 616879 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.27E+00	0.00E+00	3.27E+00
Mn-54	<2.71E+00	0.00E+00	2.71E+00
Co-58	<3.16E+00	0.00E+00	3.16E+00
Fe-59	<5.82E+00	0.00E+00	5.82E+00
Co-60	<2.44E+00	0.00E+00	2.44E+00
Zn-65	<6.84E+00	0.00E+00	6.84E+00
Zr-95	<6.41E+00	0.00E+00	6.41E+00
Nb-95	<4.52E+00	0.00E+00	4.52E+00
I-131	<1.27E+01	0.00E+00	1.27E+01
Cs-134	<3.28E+00	0.00E+00	3.28E+00
Cs-137	<2.05E+00	0.00E+00	2.05E+00
BaLa-140	<6.46E+00	0.00E+00	6.46E+00
Be-7	<2.61E+01	0.00E+00	2.61E+01
K-40	8.19E+01	3.55E+01	4.76E+01

Sample ID: 618343 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.10E+00	0.00E+00	3.10E+00
Mn-54	<3.25E+00	0.00E+00	3.25E+00
Co-58	<3.53E+00	0.00E+00	3.53E+00
Fe-59	<6.80E+00	0.00E+00	6.80E+00
Co-60	<3.23E+00	0.00E+00	3.23E+00
Zn-65	<6.25E+00	0.00E+00	6.25E+00
Zr-95	<6.45E+00	0.00E+00	6.45E+00
Nb-95	<4.01E+00	0.00E+00	4.01E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<3.06E+00	0.00E+00	3.06E+00
Cs-137	<2.78E+00	0.00E+00	2.78E+00
BaLa-140	<7.80E+00	0.00E+00	7.80E+00

Sample ID: 618343 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<3.09E+01	0.00E+00	3.09E+01
K-40	7.69E+01	3.72E+01	5.00E+01

Sample ID: 620276 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.23E+00	0.00E+00	3.23E+00
Mn-54	<4.47E+00	0.00E+00	4.47E+00
Co-58	<4.33E+00	0.00E+00	4.33E+00
Fe-59	<9.14E+00	0.00E+00	9.14E+00
Co-60	<5.24E+00	0.00E+00	5.24E+00
Zn-65	<5.64E+00	0.00E+00	5.64E+00
Zr-95	<7.28E+00	0.00E+00	7.28E+00
Nb-95	<6.35E+00	0.00E+00	6.35E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.56E+00	0.00E+00	4.56E+00
Cs-137	<3.15E+00	0.00E+00	3.15E+00
BaLa-140	<8.37E+00	0.00E+00	8.37E+00
Be-7	<4.58E+01	0.00E+00	4.58E+01
K-40	<9.10E+01	0.00E+00	9.10E+01

Sample ID: 620507 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	4.96E+02	1.31E+02	1.96E+02

Sample ID: 621857 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.32E+00	0.00E+00	3.32E+00
Mn-54	<2.87E+00	0.00E+00	2.87E+00
Co-58	<3.73E+00	0.00E+00	3.73E+00
Fe-59	<7.62E+00	0.00E+00	7.62E+00
Co-60	<2.48E+00	0.00E+00	2.48E+00
Zn-65	<7.08E+00	0.00E+00	7.08E+00
Zr-95	<6.39E+00	0.00E+00	6.39E+00
Nb-95	<4.20E+00	0.00E+00	4.20E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<3.71E+00	0.00E+00	3.71E+00
Cs-137	<3.55E+00	0.00E+00	3.55E+00
BaLa-140	<7.00E+00	0.00E+00	7.00E+00
Be-7	<3.49E+01	0.00E+00	3.49E+01
K-40	7.13E+01	3.23E+01	3.75E+01

Sample ID: 623032 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.31E+00	0.00E+00	3.31E+00
Mn-54	<2.19E+00	0.00E+00	2.19E+00
Co-58	<2.47E+00	0.00E+00	2.47E+00
Fe-59	<5.45E+00	0.00E+00	5.45E+00
Co-60	<2.35E+00	0.00E+00	2.35E+00
Zn-65	<4.96E+00	0.00E+00	4.96E+00
Zr-95	<4.96E+00	0.00E+00	4.96E+00
Nb-95	<3.44E+00	0.00E+00	3.44E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<2.47E+00	0.00E+00	2.47E+00
Cs-137	<2.44E+00	0.00E+00	2.44E+00
BaLa-140	<7.07E+00	0.00E+00	7.07E+00
Be-7	<2.61E+01	0.00E+00	2.61E+01
K-40	6.50E+01	2.22E+01	2.73E+01

Sample ID: 624841 **Sample Dates: 9/30/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3DW	4.19E+02	1.22E+02	1.87E+02

Sample ID: 624921 **Sample Dates: 11/25/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Beta	<3.24E+00	0.00E+00	3.24E+00
Mn-54	<2.07E+00	0.00E+00	2.07E+00
Co-58	<1.90E+00	0.00E+00	1.90E+00
Fe-59	<4.48E+00	0.00E+00	4.48E+00
Co-60	<2.09E+00	0.00E+00	2.09E+00
Zn-65	<4.29E+00	0.00E+00	4.29E+00
Zr-95	<4.12E+00	0.00E+00	4.12E+00
Nb-95	<3.14E+00	0.00E+00	3.14E+00
I-131	<1.24E+01	0.00E+00	1.24E+01
Cs-134	<2.64E+00	0.00E+00	2.64E+00
Cs-137	<2.27E+00	0.00E+00	2.27E+00

Media Type: DRINKING WATER Concentration (Activity): pCi/l

Sample Point 066 [INDICATOR - SSE @ 18.9 miles]

Sample ID:	624921	Sample Dates: 11/25/2024 - 12/23/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			BaLa-140	<8.13E+00	0.00E+00	8.13E+00
			Be-7	<2.43E+01	0.00E+00	2.43E+01
			K-40	7.90E+01	2.34E+01	2.83E+01

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 060 [CONTROL FISH / INDICATOR - NE @ 3.23 miles]

Sample ID:	610348	Sample Dates: 4/23/2024 - 4/23/2024	FREESWIM			
			Nuclide	Activity	2 Sigma Error	MDA
			Mn-54	<5.06E+01	0.00E+00	5.06E+01
			Co-58	<3.44E+01	0.00E+00	3.44E+01
			Fe-59	<1.35E+02	0.00E+00	1.35E+02
			Co-60	<5.06E+01	0.00E+00	5.06E+01
			Zn-65	<1.20E+02	0.00E+00	1.20E+02
			Nb-95	<6.50E+01	0.00E+00	6.50E+01
			I-131	<9.90E+01	0.00E+00	9.90E+01
			Cs-134	<4.78E+01	0.00E+00	4.78E+01
			Cs-137	<6.45E+01	0.00E+00	6.45E+01
			Be-7	<4.15E+02	0.00E+00	4.15E+02
			K-40	4.06E+03	9.42E+02	6.31E+02
			Ag-110M	<6.01E+01	0.00E+00	6.01E+01
			Sb-122	<5.58E+02	0.00E+00	5.58E+02
			Sb-125	<1.53E+02	0.00E+00	1.53E+02
Sample ID:	**610349**	**Sample Dates: 4/23/2024 - 4/23/2024**	**BOTMFEEDER**			
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<4.43E+01	0.00E+00	4.43E+01
			Co-58	<4.20E+01	0.00E+00	4.20E+01
			Fe-59	<7.04E+01	0.00E+00	7.04E+01
			Co-60	<5.25E+01	0.00E+00	5.25E+01
			Zn-65	<1.00E+02	0.00E+00	1.00E+02
			Nb-95	<4.12E+01	0.00E+00	4.12E+01
			I-131	<8.39E+01	0.00E+00	8.39E+01
			Cs-134	<4.70E+01	0.00E+00	4.70E+01
			Cs-137	<5.01E+01	0.00E+00	5.01E+01
			Be-7	<3.75E+02	0.00E+00	3.75E+02
			K-40	4.28E+03	9.49E+02	7.25E+02
			Ag-110M	<4.07E+01	0.00E+00	4.07E+01
			Sb-122	<3.77E+02	0.00E+00	3.77E+02
			Sb-125	<1.23E+02	0.00E+00	1.23E+02
Sample ID:	**620741**	**Sample Dates: 10/16/2024 - 10/16/2024**	**FREESWIM**			
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.00E+01	0.00E+00	5.00E+01
			Co-58	<5.69E+01	0.00E+00	5.69E+01
			Fe-59	<1.21E+02	0.00E+00	1.21E+02
			Co-60	<5.53E+01	0.00E+00	5.53E+01
			Zn-65	<1.36E+02	0.00E+00	1.36E+02
			Nb-95	<5.33E+01	0.00E+00	5.33E+01
			I-131	<2.15E+02	0.00E+00	2.15E+02
			Cs-134	<5.02E+01	0.00E+00	5.02E+01
			Cs-137	<4.95E+01	0.00E+00	4.95E+01
			Be-7	<4.10E+02	0.00E+00	4.10E+02
			K-40	3.92E+03	8.69E+02	4.43E+02
			Ag-110M	<4.24E+01	0.00E+00	4.24E+01
			Sb-122	<5.68E+03	0.00E+00	5.68E+03
			Sb-125	<1.31E+02	0.00E+00	1.31E+02
Sample ID:	**620742**	**Sample Dates: 10/17/2024 - 10/17/2024**	**BOTMFEEDER**			
			Nuclide	**Activity**	**2 Sigma Error**	**MDA**
			Mn-54	<5.05E+01	0.00E+00	5.05E+01
			Co-58	<5.12E+01	0.00E+00	5.12E+01
			Fe-59	<8.96E+01	0.00E+00	8.96E+01
			Co-60	<4.94E+01	0.00E+00	4.94E+01
			Zn-65	<1.57E+02	0.00E+00	1.57E+02
			Nb-95	<6.50E+01	0.00E+00	6.50E+01
			I-131	<2.35E+02	0.00E+00	2.35E+02
			Cs-134	<6.06E+01	0.00E+00	6.06E+01
			Cs-137	<6.79E+01	0.00E+00	6.79E+01
			Be-7	<4.71E+02	0.00E+00	4.71E+02
			K-40	4.35E+03	1.03E+03	8.92E+02
			Ag-110M	<5.56E+01	0.00E+00	5.56E+01

Sample Point 060 [CONTROL FISH / INDICATOR - NE @ 3.23 miles]

Sample ID:	620742	Sample Dates: 10/17/2024 - 10/17/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Sb-122	<7.21E+03	0.00E+00	7.21E+03
				Sb-125	<1.23E+02	0.00E+00	1.23E+02

Sample Point 063 [INDICATOR - ESE @ 0.8 miles]

Sample ID:	610351	Sample Dates: 4/22/2024 - 4/22/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<5.88E+01	0.00E+00	5.88E+01
				Co-58	<5.16E+01	0.00E+00	5.16E+01
				Fe-59	<1.13E+02	0.00E+00	1.13E+02
				Co-60	<6.31E+01	0.00E+00	6.31E+01
				Zn-65	<1.06E+02	0.00E+00	1.06E+02
				Nb-95	<7.07E+01	0.00E+00	7.07E+01
				I-131	<1.10E+02	0.00E+00	1.10E+02
				Cs-134	<6.30E+01	0.00E+00	6.30E+01
				Cs-137	<6.33E+01	0.00E+00	6.33E+01
				Be-7	<4.17E+02	0.00E+00	4.17E+02
				K-40	4.05E+03	1.01E+03	8.35E+02
				Ag-110M	<4.30E+01	0.00E+00	4.30E+01
				Sb-122	<7.56E+02	0.00E+00	7.56E+02
				Sb-125	<1.05E+02	0.00E+00	1.05E+02
Sample ID:	**610350**	**Sample Dates: 4/22/2024 - 4/22/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.42E+01	0.00E+00	4.42E+01
				Co-58	<4.95E+01	0.00E+00	4.95E+01
				Fe-59	<1.33E+02	0.00E+00	1.33E+02
				Co-60	<4.91E+01	0.00E+00	4.91E+01
				Zn-65	<1.17E+02	0.00E+00	1.17E+02
				Nb-95	<4.94E+01	0.00E+00	4.94E+01
				I-131	<1.01E+02	0.00E+00	1.01E+02
				Cs-134	<6.80E+01	0.00E+00	6.80E+01
				Cs-137	<4.95E+01	0.00E+00	4.95E+01
				Be-7	<3.29E+02	0.00E+00	3.29E+02
				K-40	5.15E+03	1.06E+03	6.44E+02
				Ag-110M	<4.51E+01	0.00E+00	4.51E+01
				Sb-122	<6.52E+02	0.00E+00	6.52E+02
				Sb-125	<1.04E+02	0.00E+00	1.04E+02
Sample ID:	**620743**	**Sample Dates: 10/16/2024 - 10/16/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.45E+01	0.00E+00	5.45E+01
				Co-58	<5.68E+01	0.00E+00	5.68E+01
				Fe-59	<1.27E+02	0.00E+00	1.27E+02
				Co-60	<4.95E+01	0.00E+00	4.95E+01
				Zn-65	<1.26E+02	0.00E+00	1.26E+02
				Nb-95	<5.91E+01	0.00E+00	5.91E+01
				I-131	<1.97E+02	0.00E+00	1.97E+02
				Cs-134	<5.51E+01	0.00E+00	5.51E+01
				Cs-137	<5.72E+01	0.00E+00	5.72E+01
				Be-7	<5.40E+02	0.00E+00	5.40E+02
				K-40	3.92E+03	9.77E+02	8.68E+02
				Ag-110M	<4.62E+01	0.00E+00	4.62E+01
				Sb-122	<7.95E+03	0.00E+00	7.95E+03
				Sb-125	<1.06E+02	0.00E+00	1.06E+02
Sample ID:	**620744**	**Sample Dates: 10/17/2024 - 10/17/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.73E+01	0.00E+00	5.73E+01
				Co-58	<6.10E+01	0.00E+00	6.10E+01
				Fe-59	<1.20E+02	0.00E+00	1.20E+02
				Co-60	<7.84E+01	0.00E+00	7.84E+01
				Zn-65	<9.75E+01	0.00E+00	9.75E+01
				Nb-95	<8.42E+01	0.00E+00	8.42E+01
				I-131	<2.13E+02	0.00E+00	2.13E+02
				Cs-134	<5.97E+01	0.00E+00	5.97E+01
				Cs-137	<6.45E+01	0.00E+00	6.45E+01
				Be-7	<6.66E+02	0.00E+00	6.66E+02
				K-40	4.26E+03	1.09E+03	9.23E+02
				Ag-110M	<6.98E+01	0.00E+00	6.98E+01
				Sb-122	<6.62E+03	0.00E+00	6.62E+03
				Sb-125	<1.62E+02	0.00E+00	1.62E+02

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 067 [INDICATOR - SSE @ 4.34 miles]

Sample ID: 610352 **Sample Dates: 4/23/2024 - 4/23/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.28E+01	0.00E+00	5.28E+01
Co-58	<4.86E+01	0.00E+00	4.86E+01
Fe-59	<1.07E+02	0.00E+00	1.07E+02
Co-60	<5.70E+01	0.00E+00	5.70E+01
Zn-65	<1.21E+02	0.00E+00	1.21E+02
Nb-95	<5.82E+01	0.00E+00	5.82E+01
I-131	<1.08E+02	0.00E+00	1.08E+02
Cs-134	<5.41E+01	0.00E+00	5.41E+01
Cs-137	<5.85E+01	0.00E+00	5.85E+01
Be-7	<3.71E+02	0.00E+00	3.71E+02
K-40	5.22E+03	1.05E+03	6.01E+02
Ag-110M	<4.65E+01	0.00E+00	4.65E+01
Sb-122	<6.00E+02	0.00E+00	6.00E+02
Sb-125	<9.46E+01	0.00E+00	9.46E+01

Sample ID: 610353 **Sample Dates: 4/23/2024 - 4/23/2024** **BOTMFEEDER**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.24E+01	0.00E+00	5.24E+01
Co-58	<3.71E+01	0.00E+00	3.71E+01
Fe-59	<9.93E+01	0.00E+00	9.93E+01
Co-60	<5.65E+01	0.00E+00	5.65E+01
Zn-65	<1.01E+02	0.00E+00	1.01E+02
Nb-95	<5.75E+01	0.00E+00	5.75E+01
I-131	<7.83E+01	0.00E+00	7.83E+01
Cs-134	<4.50E+01	0.00E+00	4.50E+01
Cs-137	<5.39E+01	0.00E+00	5.39E+01
Be-7	<3.68E+02	0.00E+00	3.68E+02
K-40	3.76E+03	8.42E+02	4.71E+02
Ag-110M	<4.60E+01	0.00E+00	4.60E+01
Sb-122	<4.97E+02	0.00E+00	4.97E+02
Sb-125	<1.08E+02	0.00E+00	1.08E+02

Sample ID: 620746 **Sample Dates: 10/16/2024 - 10/16/2024** **BOTMFEEDER**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<7.90E+01	0.00E+00	7.90E+01
Co-58	<8.40E+01	0.00E+00	8.40E+01
Fe-59	<1.82E+02	0.00E+00	1.82E+02
Co-60	<6.98E+01	0.00E+00	6.98E+01
Zn-65	<1.64E+02	0.00E+00	1.64E+02
Nb-95	<1.04E+02	0.00E+00	1.04E+02
I-131	<2.46E+02	0.00E+00	2.46E+02
Cs-134	<6.87E+01	0.00E+00	6.87E+01
Cs-137	<7.74E+01	0.00E+00	7.74E+01
Be-7	<6.55E+02	0.00E+00	6.55E+02
K-40	4.42E+03	1.07E+03	6.25E+02
Ag-110M	<6.79E+01	0.00E+00	6.79E+01
Sb-122	<1.20E+04	0.00E+00	1.20E+04
Sb-125	<1.64E+02	0.00E+00	1.64E+02

Sample ID: 620745 **Sample Dates: 10/17/2024 - 10/17/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.25E+01	0.00E+00	5.25E+01
Co-58	<3.39E+01	0.00E+00	3.39E+01
Fe-59	<1.09E+02	0.00E+00	1.09E+02
Co-60	<5.38E+01	0.00E+00	5.38E+01
Zn-65	<9.19E+01	0.00E+00	9.19E+01
Nb-95	<6.54E+01	0.00E+00	6.54E+01
I-131	<1.87E+02	0.00E+00	1.87E+02
Cs-134	<5.58E+01	0.00E+00	5.58E+01
Cs-137	<5.00E+01	0.00E+00	5.00E+01
Be-7	<5.00E+02	0.00E+00	5.00E+02
K-40	3.72E+03	9.01E+02	7.48E+02
Ag-110M	<4.65E+01	0.00E+00	4.65E+01
Sb-122	<4.03E+03	0.00E+00	4.03E+03
Sb-125	<1.28E+02	0.00E+00	1.28E+02

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 061 [INDICATOR - E @ 4.18 miles]

Sample ID: 609590 **Sample Dates: 3/25/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.20E-01	0.00E+00	7.20E-01

Sample ID: 609590 **Sample Dates: 3/25/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<8.07E+00	0.00E+00	8.07E+00
Cs-134	<9.61E+00	0.00E+00	9.61E+00
Cs-137	<6.65E+00	0.00E+00	6.65E+00
BaLa-140	<7.63E+00	0.00E+00	7.63E+00
Be-7	<5.35E+01	0.00E+00	5.35E+01
K-40	1.79E+03	2.59E+02	1.75E+01

Sample ID: 610224 **Sample Dates: 4/8/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.79E-01	0.00E+00	7.79E-01
I-131	<7.57E+00	0.00E+00	7.57E+00
Cs-134	<8.50E+00	0.00E+00	8.50E+00
Cs-137	<8.26E+00	0.00E+00	8.26E+00
BaLa-140	<6.27E+00	0.00E+00	6.27E+00
Be-7	<5.82E+01	0.00E+00	5.82E+01
K-40	1.83E+03	2.67E+02	9.67E+01

Sample ID: 610225 **Sample Dates: 4/22/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.51E-01	0.00E+00	7.51E-01
I-131	<7.80E+00	0.00E+00	7.80E+00
Cs-134	<5.98E+00	0.00E+00	5.98E+00
Cs-137	<1.02E+01	0.00E+00	1.02E+01
BaLa-140	<6.32E+00	0.00E+00	6.32E+00
Be-7	<5.19E+01	0.00E+00	5.19E+01
K-40	1.79E+03	2.66E+02	8.18E+01

Sample ID: 610337 **Sample Dates: 5/6/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.41E-01	0.00E+00	7.41E-01
I-131	<8.00E+00	0.00E+00	8.00E+00
Cs-134	<7.62E+00	0.00E+00	7.62E+00
Cs-137	<9.34E+00	0.00E+00	9.34E+00
BaLa-140	<8.93E+00	0.00E+00	8.93E+00
Be-7	<6.30E+01	0.00E+00	6.30E+01
K-40	1.84E+03	2.64E+02	1.77E+01

Sample ID: 611157 **Sample Dates: 5/20/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.74E-01	0.00E+00	6.74E-01
I-131	<9.29E+00	0.00E+00	9.29E+00
Cs-134	<8.84E+00	0.00E+00	8.84E+00
Cs-137	<8.21E+00	0.00E+00	8.21E+00
BaLa-140	<9.19E+00	0.00E+00	9.19E+00
Be-7	<5.40E+01	0.00E+00	5.40E+01
K-40	2.14E+03	3.00E+02	1.29E+02

Sample ID: 611739 **Sample Dates: 6/3/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.37E-01	0.00E+00	7.37E-01
I-131	<6.45E+00	0.00E+00	6.45E+00
Cs-134	<5.76E+00	0.00E+00	5.76E+00
Cs-137	<9.24E+00	0.00E+00	9.24E+00
BaLa-140	<7.97E+00	0.00E+00	7.97E+00
Be-7	<5.10E+01	0.00E+00	5.10E+01
K-40	1.62E+03	2.55E+02	1.45E+02

Sample ID: 612521 **Sample Dates: 6/17/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.81E-01	0.00E+00	6.81E-01
I-131	<7.54E+00	0.00E+00	7.54E+00
Cs-134	<9.23E+00	0.00E+00	9.23E+00
Cs-137	<8.21E+00	0.00E+00	8.21E+00
BaLa-140	<6.02E+00	0.00E+00	6.02E+00
Be-7	<4.82E+01	0.00E+00	4.82E+01
K-40	1.81E+03	2.64E+02	7.89E+01

Sample ID: 613525 **Sample Dates: 7/1/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<8.00E-01	0.00E+00	8.00E-01
I-131	<7.57E+00	0.00E+00	7.57E+00
Cs-134	<8.92E+00	0.00E+00	8.92E+00
Cs-137	<7.12E+00	0.00E+00	7.12E+00
BaLa-140	<9.81E+00	0.00E+00	9.81E+00
Be-7	<5.04E+01	0.00E+00	5.04E+01
K-40	1.73E+03	2.58E+02	1.07E+02

Sample Point 061 [INDICATOR - E @ 4.18 miles]

Sample ID: 614645 **Sample Dates: 7/15/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.46E-01	0.00E+00	7.46E-01
I-131	<7.60E+00	0.00E+00	7.60E+00
Cs-134	<7.02E+00	0.00E+00	7.02E+00
Cs-137	<7.12E+00	0.00E+00	7.12E+00
BaLa-140	<9.19E+00	0.00E+00	9.19E+00
Be-7	<5.83E+01	0.00E+00	5.83E+01
K-40	1.76E+03	2.62E+02	1.09E+02

Sample Point 071 [CONTROL - SSE @ 10.2 miles]

Sample ID: 604009 **Sample Dates: 1/16/2024 - 1/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.61E-01	0.00E+00	7.61E-01
I-131	<9.74E+00	0.00E+00	9.74E+00
Cs-134	<8.04E+00	0.00E+00	8.04E+00
Cs-137	<9.24E+00	0.00E+00	9.24E+00
BaLa-140	<1.03E+01	0.00E+00	1.03E+01
Be-7	<6.05E+01	0.00E+00	6.05E+01
K-40	1.50E+03	2.42E+02	1.39E+02

Sample ID: 604567 **Sample Dates: 1/29/2024 - 1/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.10E-01	0.00E+00	7.10E-01
I-131	<6.64E+00	0.00E+00	6.64E+00
Cs-134	<7.55E+00	0.00E+00	7.55E+00
Cs-137	<7.12E+00	0.00E+00	7.12E+00
BaLa-140	<7.65E+00	0.00E+00	7.65E+00
Be-7	<4.49E+01	0.00E+00	4.49E+01
K-40	1.57E+03	2.38E+02	1.75E+01

Sample ID: 605175 **Sample Dates: 2/12/2024 - 2/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.83E-01	0.00E+00	6.83E-01
I-131	<7.06E+00	0.00E+00	7.06E+00
Cs-134	<5.70E+00	0.00E+00	5.70E+00
Cs-137	<7.08E+00	0.00E+00	7.08E+00
BaLa-140	<7.62E+00	0.00E+00	7.62E+00
Be-7	<4.21E+01	0.00E+00	4.21E+01
K-40	1.40E+03	2.24E+02	7.54E+01

Sample ID: 607181 **Sample Dates: 2/26/2024 - 2/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.15E-01	0.00E+00	6.15E-01
I-131	<7.39E+00	0.00E+00	7.39E+00
Cs-137	<6.78E+00	0.00E+00	6.78E+00
BaLa-140	<1.01E+01	0.00E+00	1.01E+01
Be-7	<4.21E+01	0.00E+00	4.21E+01
K-40	1.40E+03	2.32E+02	8.74E+01

Sample ID: 608959 **Sample Dates: 3/11/2024 - 3/11/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.66E-01	0.00E+00	7.66E-01
I-131	<6.95E+00	0.00E+00	6.95E+00
Cs-134	<8.84E+00	0.00E+00	8.84E+00
Cs-137	<5.07E+00	0.00E+00	5.07E+00
BaLa-140	<1.12E+01	0.00E+00	1.12E+01
Be-7	<4.58E+01	0.00E+00	4.58E+01
K-40	1.52E+03	2.43E+02	1.29E+02

Sample ID: 609554 **Sample Dates: 3/25/2024 - 3/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.73E-01	0.00E+00	7.73E-01
I-131	<8.57E+00	0.00E+00	8.57E+00
Cs-134	<9.96E+00	0.00E+00	9.96E+00
Cs-137	<4.50E+00	0.00E+00	4.50E+00
BaLa-140	<7.81E+00	0.00E+00	7.81E+00
Be-7	<5.10E+01	0.00E+00	5.10E+01
K-40	1.65E+03	2.48E+02	8.04E+01

Sample ID: 610533 **Sample Dates: 4/8/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.43E-01	0.00E+00	7.43E-01
I-131	<8.31E+00	0.00E+00	8.31E+00
Cs-134	<7.25E+00	0.00E+00	7.25E+00
Cs-137	<6.91E+00	0.00E+00	6.91E+00
BaLa-140	<8.15E+00	0.00E+00	8.15E+00

Sample ID: 610533 **Sample Dates: 4/8/2024 - 4/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<6.00E+01	0.00E+00	6.00E+01
K-40	1.71E+03	2.60E+02	1.13E+02

Sample ID: 611233 **Sample Dates: 4/22/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.78E-01	0.00E+00	7.78E-01
I-131	<7.24E+00	0.00E+00	7.24E+00
Cs-134	<7.01E+00	0.00E+00	7.01E+00
Cs-137	<9.01E+00	0.00E+00	9.01E+00
BaLa-140	<6.63E+00	0.00E+00	6.63E+00
Be-7	<5.78E+01	0.00E+00	5.78E+01
K-40	1.54E+03	2.53E+02	1.37E+02

Sample ID: 611829 **Sample Dates: 5/6/2024 - 5/6/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.08E-01	0.00E+00	7.08E-01
I-131	<6.58E+00	0.00E+00	6.58E+00
Cs-134	<7.66E+00	0.00E+00	7.66E+00
Cs-137	<9.01E+00	0.00E+00	9.01E+00
BaLa-140	<9.69E+00	0.00E+00	9.69E+00
Be-7	<4.89E+01	0.00E+00	4.89E+01
K-40	1.35E+03	2.39E+02	1.57E+02

Sample ID: 612597 **Sample Dates: 5/20/2024 - 5/20/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.50E-01	0.00E+00	7.50E-01
I-131	<9.58E+00	0.00E+00	9.58E+00
Cs-134	<7.55E+00	0.00E+00	7.55E+00
Cs-137	<5.69E+00	0.00E+00	5.69E+00
BaLa-140	<7.97E+00	0.00E+00	7.97E+00
Be-7	<4.83E+01	0.00E+00	4.83E+01
K-40	1.45E+03	2.27E+02	6.33E+01

Sample ID: 613613 **Sample Dates: 6/3/2024 - 6/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.58E-01	0.00E+00	7.58E-01
I-131	<8.13E+00	0.00E+00	8.13E+00
Cs-134	<7.85E+00	0.00E+00	7.85E+00
Cs-137	<8.56E+00	0.00E+00	8.56E+00
BaLa-140	<2.43E+00	0.00E+00	2.43E+00
Be-7	<6.23E+01	0.00E+00	6.23E+01
K-40	1.42E+03	2.40E+02	1.49E+02

Sample ID: 614359 **Sample Dates: 6/17/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.96E-01	0.00E+00	7.96E-01
I-131	<5.85E+00	0.00E+00	5.85E+00
Cs-134	<9.68E+00	0.00E+00	9.68E+00
Cs-137	<5.29E+00	0.00E+00	5.29E+00
BaLa-140	<6.34E+00	0.00E+00	6.34E+00
Be-7	<6.17E+01	0.00E+00	6.17E+01
K-40	1.39E+03	2.27E+02	8.73E+01

Sample ID: 614770 **Sample Dates: 7/1/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.75E-01	0.00E+00	7.75E-01
I-131	<6.42E+00	0.00E+00	6.42E+00
Cs-134	<9.00E+00	0.00E+00	9.00E+00
Cs-137	<4.45E+00	0.00E+00	4.45E+00
BaLa-140	<6.10E+00	0.00E+00	6.10E+00
Be-7	<4.24E+01	0.00E+00	4.24E+01
K-40	1.60E+03	2.41E+02	1.77E+01

Sample ID: 615950 **Sample Dates: 7/15/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<8.00E-01	0.00E+00	8.00E-01
I-131	<8.60E+00	0.00E+00	8.60E+00
Cs-134	<7.85E+00	0.00E+00	7.85E+00
Cs-137	<8.19E+00	0.00E+00	8.19E+00
BaLa-140	<6.59E+00	0.00E+00	6.59E+00
Be-7	<5.25E+01	0.00E+00	5.25E+01
K-40	1.37E+03	2.25E+02	8.75E+01

Sample ID: 616684 **Sample Dates: 7/29/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.50E-01	0.00E+00	7.50E-01
I-131	<7.93E+00	0.00E+00	7.93E+00

Sample ID: 616684 **Sample Dates: 7/29/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<1.08E+01	0.00E+00	1.08E+01
Cs-137	<4.40E+00	0.00E+00	4.40E+00
BaLa-140	<6.07E+00	0.00E+00	6.07E+00
Be-7	<4.49E+01	0.00E+00	4.49E+01
K-40	1.53E+03	2.45E+02	1.36E+02

Sample ID: 617563 **Sample Dates: 8/12/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.02E-01	0.00E+00	7.02E-01
I-131	<5.45E+00	0.00E+00	5.45E+00
Cs-134	<9.21E+00	0.00E+00	9.21E+00
Cs-137	<6.91E+00	0.00E+00	6.91E+00
BaLa-140	<2.39E+00	0.00E+00	2.39E+00
Be-7	<4.67E+01	0.00E+00	4.67E+01
K-40	1.63E+03	2.45E+02	1.80E+01

Sample ID: 618237 **Sample Dates: 8/26/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.93E-01	0.00E+00	7.93E-01
I-131	<6.51E+00	0.00E+00	6.51E+00
Cs-134	<7.96E+00	0.00E+00	7.96E+00
Cs-137	<6.65E+00	0.00E+00	6.65E+00
BaLa-140	<2.23E+00	0.00E+00	2.23E+00
Be-7	<5.60E+01	0.00E+00	5.60E+01
K-40	1.56E+03	2.50E+02	1.44E+02

Sample ID: 619549 **Sample Dates: 9/9/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.55E-01	0.00E+00	7.55E-01
I-131	<5.43E+00	0.00E+00	5.43E+00
Cs-134	<8.58E+00	0.00E+00	8.58E+00
Cs-137	<8.36E+00	0.00E+00	8.36E+00
BaLa-140	<2.35E+00	0.00E+00	2.35E+00
Be-7	<5.19E+01	0.00E+00	5.19E+01
K-40	1.65E+03	2.51E+02	1.01E+02

Sample ID: 620206 **Sample Dates: 9/23/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.98E-01	0.00E+00	7.98E-01
I-131	<7.97E+00	0.00E+00	7.97E+00
Cs-134	<7.75E+00	0.00E+00	7.75E+00
Cs-137	<7.30E+00	0.00E+00	7.30E+00
BaLa-140	<6.18E+00	0.00E+00	6.18E+00
Be-7	<5.64E+01	0.00E+00	5.64E+01
K-40	1.70E+03	2.59E+02	1.32E+02

Sample ID: 620721 **Sample Dates: 10/7/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.22E-01	0.00E+00	7.22E-01
I-131	<7.93E+00	0.00E+00	7.93E+00
Cs-134	<9.16E+00	0.00E+00	9.16E+00
Cs-137	<9.16E+00	0.00E+00	9.16E+00
BaLa-140	<6.41E+00	0.00E+00	6.41E+00
Be-7	<6.15E+01	0.00E+00	6.15E+01
K-40	1.40E+03	2.26E+02	8.93E+01

Sample ID: 621678 **Sample Dates: 10/21/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.52E-01	0.00E+00	7.52E-01
I-131	<7.91E+00	0.00E+00	7.91E+00
Cs-134	<9.97E+00	0.00E+00	9.97E+00
Cs-137	<5.84E+00	0.00E+00	5.84E+00
BaLa-140	<9.00E+00	0.00E+00	9.00E+00
Be-7	<5.87E+01	0.00E+00	5.87E+01
K-40	1.33E+03	2.18E+02	8.44E+01

Sample ID: 622305 **Sample Dates: 11/4/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.76E-01	0.00E+00	7.76E-01
I-131	<6.73E+00	0.00E+00	6.73E+00
Cs-134	<7.60E+00	0.00E+00	7.60E+00
Cs-137	<8.93E+00	0.00E+00	8.93E+00
BaLa-140	<6.52E+00	0.00E+00	6.52E+00
Be-7	<5.13E+01	0.00E+00	5.13E+01
K-40	1.80E+03	2.66E+02	1.89E+01

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 071 [CONTROL - SSE @ 10.2 miles]

Sample ID: 622941 **Sample Dates: 11/18/2024 - 11/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.78E-01	0.00E+00	7.78E-01
I-131	<7.84E+00	0.00E+00	7.84E+00
Cs-134	<9.66E+00	0.00E+00	9.66E+00
Cs-137	<8.13E+00	0.00E+00	8.13E+00
BaLa-140	<2.39E+00	0.00E+00	2.39E+00
Be-7	<5.69E+01	0.00E+00	5.69E+01
K-40	1.76E+03	2.68E+02	1.15E+02

Sample ID: 624107 **Sample Dates: 12/2/2024 - 12/2/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.57E-01	0.00E+00	7.57E-01
I-131	<8.58E+00	0.00E+00	8.58E+00
Cs-134	<9.20E+00	0.00E+00	9.20E+00
Cs-137	<4.76E+00	0.00E+00	4.76E+00
BaLa-140	<1.12E+01	0.00E+00	1.12E+01
Be-7	<6.27E+01	0.00E+00	6.27E+01
K-40	1.40E+03	2.29E+02	7.47E+01

Sample ID: 624842 **Sample Dates: 12/16/2024 - 12/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.95E-01	0.00E+00	6.95E-01
I-131	<8.05E+00	0.00E+00	8.05E+00
Cs-134	<8.41E+00	0.00E+00	8.41E+00
Cs-137	<7.86E+00	0.00E+00	7.86E+00
BaLa-140	<6.03E+00	0.00E+00	6.03E+00
Be-7	<5.59E+01	0.00E+00	5.59E+01
K-40	1.57E+03	2.41E+02	7.97E+01

Sample ID: 625287 **Sample Dates: 12/30/2024 - 12/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.94E-01	0.00E+00	7.94E-01
I-131	<7.31E+00	0.00E+00	7.31E+00
Cs-134	<9.20E+00	0.00E+00	9.20E+00
Cs-137	<8.13E+00	0.00E+00	8.13E+00
BaLa-140	<9.53E+00	0.00E+00	9.53E+00
Be-7	<5.69E+01	0.00E+00	5.69E+01
K-40	1.36E+03	2.27E+02	9.06E+01

Sample Point 073 [INDICATOR - E @ 2.79 miles]

Sample ID: 614432 **Sample Dates: 6/17/2024 - 6/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.91E-01	0.00E+00	7.91E-01
I-131	<6.71E+00	0.00E+00	6.71E+00
Cs-134	<7.62E+00	0.00E+00	7.62E+00
Cs-137	<6.29E+00	0.00E+00	6.29E+00
BaLa-140	<8.92E+00	0.00E+00	8.92E+00
Be-7	<5.13E+01	0.00E+00	5.13E+01
K-40	1.77E+03	2.68E+02	1.38E+02

Sample ID: 614433 **Sample Dates: 7/1/2024 - 7/1/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.22E-01	0.00E+00	7.22E-01
I-131	<6.68E+00	0.00E+00	6.68E+00
Cs-134	<8.35E+00	0.00E+00	8.35E+00
Cs-137	<6.44E+00	0.00E+00	6.44E+00
BaLa-140	<6.27E+00	0.00E+00	6.27E+00
Be-7	<5.69E+01	0.00E+00	5.69E+01
K-40	1.91E+03	2.79E+02	1.05E+02

Sample ID: 614434 **Sample Dates: 7/15/2024 - 7/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.88E-01	0.00E+00	6.88E-01
I-131	<8.24E+00	0.00E+00	8.24E+00
Cs-134	<6.64E+00	0.00E+00	6.64E+00
Cs-137	<8.17E+00	0.00E+00	8.17E+00
BaLa-140	<2.36E+00	0.00E+00	2.36E+00
Be-7	<4.96E+01	0.00E+00	4.96E+01
K-40	1.89E+03	2.77E+02	1.13E+02

Sample ID: 615611 **Sample Dates: 7/29/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<6.61E-01	0.00E+00	6.61E-01
I-131	<8.02E+00	0.00E+00	8.02E+00
Cs-134	<9.21E+00	0.00E+00	9.21E+00
Cs-137	<9.22E+00	0.00E+00	9.22E+00

Media Type: MILK Concentration (Activity): pCi/l

Sample Point 073 [INDICATOR - E @ 2.79 miles]

Sample ID: 615611 **Sample Dates: 7/29/2024 - 7/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
BaLa-140	<2.28E+00	0.00E+00	2.28E+00
Be-7	<5.94E+01	0.00E+00	5.94E+01
K-40	1.87E+03	2.85E+02	1.75E+02

Sample ID: 616470 **Sample Dates: 8/12/2024 - 8/12/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.29E-01	0.00E+00	7.29E-01
I-131	<7.17E+00	0.00E+00	7.17E+00
Cs-134	<3.90E+00	0.00E+00	3.90E+00
Cs-137	<6.65E+00	0.00E+00	6.65E+00
BaLa-140	<7.90E+00	0.00E+00	7.90E+00
Be-7	<6.31E+01	0.00E+00	6.31E+01
K-40	1.93E+03	2.78E+02	1.12E+02

Sample ID: 617234 **Sample Dates: 8/26/2024 - 8/26/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<5.73E-01	0.00E+00	5.73E-01
I-131	<9.70E+00	0.00E+00	9.70E+00
Cs-134	<7.60E+00	0.00E+00	7.60E+00
Cs-137	<7.70E+00	0.00E+00	7.70E+00
BaLa-140	<6.52E+00	0.00E+00	6.52E+00
Be-7	<6.19E+01	0.00E+00	6.19E+01
K-40	2.04E+03	2.91E+02	8.99E+01

Sample ID: 618161 **Sample Dates: 9/9/2024 - 9/9/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.98E-01	0.00E+00	7.98E-01
I-131	<7.00E+00	0.00E+00	7.00E+00
Cs-134	<9.71E+00	0.00E+00	9.71E+00
Cs-137	<9.24E+00	0.00E+00	9.24E+00
BaLa-140	<6.26E+00	0.00E+00	6.26E+00
Be-7	<4.53E+01	0.00E+00	4.53E+01
K-40	1.73E+03	2.55E+02	7.65E+01

Sample ID: 618884 **Sample Dates: 9/23/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.94E-01	0.00E+00	7.94E-01
I-131	<7.40E+00	0.00E+00	7.40E+00
Cs-134	<6.43E+00	0.00E+00	6.43E+00
Cs-137	<6.69E+00	0.00E+00	6.69E+00
BaLa-140	<7.63E+00	0.00E+00	7.63E+00
Be-7	<4.17E+01	0.00E+00	4.17E+01
K-40	1.90E+03	2.74E+02	1.07E+02

Sample ID: 619881 **Sample Dates: 10/7/2024 - 10/7/2024**

Nuclide	Activity	2 Sigma Error	MDA
LLI-131	<7.52E-01	0.00E+00	7.52E-01
I-131	<7.99E+00	0.00E+00	7.99E+00
Cs-134	<6.95E+00	0.00E+00	6.95E+00
Cs-137	<7.08E+00	0.00E+00	7.08E+00
BaLa-140	<6.25E+00	0.00E+00	6.25E+00
Be-7	<3.49E+01	0.00E+00	3.49E+01
K-40	1.70E+03	2.55E+02	9.54E+01

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg

Sample Point 067 [INDICATOR - SSE @ 4.34 miles]

Sample ID: 608960 **Sample Dates: 4/22/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.49E+02	0.00E+00	1.49E+02
Co-58	<9.01E+01	0.00E+00	9.01E+01
Fe-59	<2.99E+02	0.00E+00	2.99E+02
Co-60	<8.78E+01	0.00E+00	8.78E+01
Zn-65	<1.87E+02	0.00E+00	1.87E+02
Zr-95	<3.05E+02	0.00E+00	3.05E+02
Nb-95	<2.50E+02	0.00E+00	2.50E+02
I-131	<4.56E+03	0.00E+00	4.56E+03
Cs-134	<1.22E+02	0.00E+00	1.22E+02
Cs-137	<1.03E+02	0.00E+00	1.03E+02
Be-7	<1.34E+03	0.00E+00	1.34E+03
K-40	1.46E+04	2.23E+03	1.29E+03
Co-57	<9.11E+01	0.00E+00	9.11E+01
Mo-99	<6.05E+07	0.00E+00	6.05E+07
Ag-110M	<8.16E+01	0.00E+00	8.16E+01

Sample Point 067 [INDICATOR - SSE @ 4.34 miles]

Sample ID: 608960 **Sample Dates: 4/22/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Sb-122	<8.36E+06	0.00E+00	8.36E+06
Sb-125	<2.90E+02	0.00E+00	2.90E+02

Sample ID: 619550 **Sample Dates: 10/21/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.13E+02	0.00E+00	1.13E+02
Co-58	<9.99E+01	0.00E+00	9.99E+01
Fe-59	<1.98E+02	0.00E+00	1.98E+02
Co-60	<7.71E+01	0.00E+00	7.71E+01
Zn-65	<2.14E+02	0.00E+00	2.14E+02
Zr-95	<1.49E+02	0.00E+00	1.49E+02
Nb-95	<1.24E+02	0.00E+00	1.24E+02
I-131	<6.42E+02	0.00E+00	6.42E+02
Cs-134	<1.27E+02	0.00E+00	1.27E+02
Cs-137	<8.13E+01	0.00E+00	8.13E+01
Be-7	<8.79E+02	0.00E+00	8.79E+02
K-40	1.04E+04	1.80E+03	1.17E+03
Co-57	<7.63E+01	0.00E+00	7.63E+01
Mo-99	<2.19E+05	0.00E+00	2.19E+05
Ag-110M	<6.94E+01	0.00E+00	6.94E+01
Sb-122	<5.05E+04	0.00E+00	5.05E+04
Sb-125	<2.26E+02	0.00E+00	2.26E+02

Sample Point 068 [CONTROL - W @ 1.82 miles]

Sample ID: 608961 **Sample Dates: 4/22/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.38E+01	0.00E+00	5.38E+01
Co-58	<8.31E+01	0.00E+00	8.31E+01
Fe-59	<2.37E+02	0.00E+00	2.37E+02
Co-60	<5.34E+01	0.00E+00	5.34E+01
Zn-65	<1.46E+02	0.00E+00	1.46E+02
Zr-95	<1.34E+02	0.00E+00	1.34E+02
Nb-95	<1.24E+02	0.00E+00	1.24E+02
I-131	<1.85E+03	0.00E+00	1.85E+03
Cs-134	<7.08E+01	0.00E+00	7.08E+01
Cs-137	<5.71E+01	0.00E+00	5.71E+01
Be-7	<9.00E+02	0.00E+00	9.00E+02
K-40	9.70E+03	1.58E+03	1.32E+02
Co-57	<4.23E+01	0.00E+00	4.23E+01
Mo-99	<2.96E+07	0.00E+00	2.96E+07
Ag-110M	<4.83E+01	0.00E+00	4.83E+01
Sb-122	<5.63E+06	0.00E+00	5.63E+06
Sb-125	<1.62E+02	0.00E+00	1.62E+02

Sample ID: 619551 **Sample Dates: 10/21/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.19E+01	0.00E+00	4.19E+01
Co-58	<6.01E+01	0.00E+00	6.01E+01
Fe-59	<1.53E+02	0.00E+00	1.53E+02
Co-60	<3.88E+01	0.00E+00	3.88E+01
Zn-65	<1.29E+02	0.00E+00	1.29E+02
Zr-95	<1.23E+02	0.00E+00	1.23E+02
Nb-95	<8.83E+01	0.00E+00	8.83E+01
I-131	<3.80E+02	0.00E+00	3.80E+02
Cs-134	<7.72E+01	0.00E+00	7.72E+01
Cs-137	<5.14E+01	0.00E+00	5.14E+01
Be-7	<6.80E+02	0.00E+00	6.80E+02
K-40	6.10E+03	1.26E+03	5.78E+02
Co-57	<3.88E+01	0.00E+00	3.88E+01
Mo-99	<1.50E+05	0.00E+00	1.50E+05
Ag-110M	<6.93E+01	0.00E+00	6.93E+01
Sb-122	<2.73E+04	0.00E+00	2.73E+04
Sb-125	<1.51E+02	0.00E+00	1.51E+02

Sample Point 091 [INDICATOR - S @ 2.09 miles]

Sample ID: 608962 **Sample Dates: 4/22/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.03E+02	0.00E+00	1.03E+02
Co-58	<1.32E+02	0.00E+00	1.32E+02
Fe-59	<3.64E+02	0.00E+00	3.64E+02

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg

Sample Point 091 [INDICATOR - S @ 2.09 miles]

Sample ID: 608962 **Sample Dates: 4/22/2024 - 4/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Co-60	<9.11E+01	0.00E+00	9.11E+01
Zn-65	<2.16E+02	0.00E+00	2.16E+02
Zr-95	<1.59E+02	0.00E+00	1.59E+02
Nb-95	<1.89E+02	0.00E+00	1.89E+02
I-131	<2.90E+03	0.00E+00	2.90E+03
Cs-134	<1.14E+02	0.00E+00	1.14E+02
Cs-137	<1.04E+02	0.00E+00	1.04E+02
Be-7	<1.25E+03	0.00E+00	1.25E+03
K-40	2.46E+04	3.34E+03	1.25E+03
Co-57	<6.42E+01	0.00E+00	6.42E+01
Mo-99	<4.51E+07	0.00E+00	4.51E+07
Ag-110M	<7.54E+01	0.00E+00	7.54E+01
Sb-122	<6.53E+06	0.00E+00	6.53E+06
Sb-125	<1.94E+02	0.00E+00	1.94E+02

Sample ID: 619552 **Sample Dates: 10/21/2024 - 10/21/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.77E+01	0.00E+00	6.77E+01
Co-58	<9.04E+01	0.00E+00	9.04E+01
Fe-59	<2.07E+02	0.00E+00	2.07E+02
Co-60	<4.91E+01	0.00E+00	4.91E+01
Zn-65	<1.68E+02	0.00E+00	1.68E+02
Zr-95	<1.62E+02	0.00E+00	1.62E+02
Nb-95	<1.20E+02	0.00E+00	1.20E+02
I-131	<6.23E+02	0.00E+00	6.23E+02
Cs-134	<8.32E+01	0.00E+00	8.32E+01
Cs-137	1.43E+02	6.53E+01	9.31E+01
Be-7	<6.12E+02	0.00E+00	6.12E+02
K-40	2.58E+04	2.85E+03	9.07E+02
Co-57	<4.75E+01	0.00E+00	4.75E+01
Mo-99	<8.03E+05	0.00E+00	8.03E+05
Ag-110M	<4.50E+01	0.00E+00	4.50E+01
Sb-122	<1.07E+05	0.00E+00	1.07E+05
Sb-125	<1.48E+02	0.00E+00	1.48E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 062 [CONTROL - ENE @ 0.85 miles]

Sample ID: 604113 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.66E+00	0.00E+00	3.66E+00
Co-58	<3.61E+00	0.00E+00	3.61E+00
Fe-59	<8.59E+00	0.00E+00	8.59E+00
Co-60	<3.13E+00	0.00E+00	3.13E+00
Zn-65	<8.35E+00	0.00E+00	8.35E+00
Zr-95	<6.40E+00	0.00E+00	6.40E+00
Nb-95	<4.58E+00	0.00E+00	4.58E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.76E+00	0.00E+00	3.76E+00
Cs-137	<2.66E+00	0.00E+00	2.66E+00
BaLa-140	<9.53E+00	0.00E+00	9.53E+00
Be-7	<4.09E+01	0.00E+00	4.09E+01
K-40	6.20E+01	3.26E+01	3.99E+01

Sample ID: 605344 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.89E+00	0.00E+00	3.89E+00
Co-58	<1.89E+00	0.00E+00	1.89E+00
Fe-59	<8.78E+00	0.00E+00	8.78E+00
Co-60	<3.44E+00	0.00E+00	3.44E+00
Zn-65	<4.84E+00	0.00E+00	4.84E+00
Zr-95	<8.10E+00	0.00E+00	8.10E+00
Nb-95	<3.23E+00	0.00E+00	3.23E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<3.53E+00	0.00E+00	3.53E+00
Cs-137	<2.82E+00	0.00E+00	2.82E+00
BaLa-140	<9.73E+00	0.00E+00	9.73E+00
Be-7	<3.18E+01	0.00E+00	3.18E+01
K-40	1.08E+02	4.04E+01	4.40E+01

Sample ID: 609132 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.41E+00	0.00E+00	3.41E+00
Co-58	<4.27E+00	0.00E+00	4.27E+00
Fe-59	<7.69E+00	0.00E+00	7.69E+00
Co-60	<3.02E+00	0.00E+00	3.02E+00
Zn-65	<6.25E+00	0.00E+00	6.25E+00
Zr-95	<5.50E+00	0.00E+00	5.50E+00
Nb-95	<4.50E+00	0.00E+00	4.50E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<3.09E+00	0.00E+00	3.09E+00
Cs-137	<3.21E+00	0.00E+00	3.21E+00
BaLa-140	<8.49E+00	0.00E+00	8.49E+00
Be-7	1.71E+01	1.42E+01	2.97E+01
K-40	7.45E+01	3.62E+01	4.74E+01

Sample ID: 610534 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<-6.5E+01	0.00E+00	2.08E+02

Sample ID: 610587 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.00E+00	0.00E+00	3.00E+00
Co-58	<3.11E+00	0.00E+00	3.11E+00
Fe-59	<7.95E+00	0.00E+00	7.95E+00
Co-60	<3.10E+00	0.00E+00	3.10E+00
Zn-65	<4.08E+00	0.00E+00	4.08E+00
Zr-95	<6.49E+00	0.00E+00	6.49E+00
Nb-95	<4.01E+00	0.00E+00	4.01E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<3.44E+00	0.00E+00	3.44E+00
Cs-137	<2.61E+00	0.00E+00	2.61E+00
BaLa-140	<4.28E+00	0.00E+00	4.28E+00
Be-7	<3.29E+01	0.00E+00	3.29E+01
K-40	6.31E+01	3.56E+01	4.98E+01

Sample ID: 612078 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.95E+00	0.00E+00	2.95E+00
Co-58	<3.65E+00	0.00E+00	3.65E+00
Fe-59	<6.56E+00	0.00E+00	6.56E+00
Co-60	<2.36E+00	0.00E+00	2.36E+00
Zn-65	<8.03E+00	0.00E+00	8.03E+00
Zr-95	<5.33E+00	0.00E+00	5.33E+00
Nb-95	<3.59E+00	0.00E+00	3.59E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<2.71E+00	0.00E+00	2.71E+00
Cs-137	<2.37E+00	0.00E+00	2.37E+00
BaLa-140	<6.49E+00	0.00E+00	6.49E+00
Be-7	<2.40E+01	0.00E+00	2.40E+01
K-40	7.53E+01	3.50E+01	4.77E+01

Sample ID: 613681 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.27E+00	0.00E+00	2.27E+00
Co-58	<2.85E+00	0.00E+00	2.85E+00
Fe-59	<5.24E+00	0.00E+00	5.24E+00
Co-60	<2.27E+00	0.00E+00	2.27E+00
Zn-65	<6.12E+00	0.00E+00	6.12E+00
Zr-95	<4.99E+00	0.00E+00	4.99E+00
Nb-95	<3.25E+00	0.00E+00	3.25E+00
I-131	<1.12E+01	0.00E+00	1.12E+01
Cs-134	<2.23E+00	0.00E+00	2.23E+00
Cs-137	<2.68E+00	0.00E+00	2.68E+00
BaLa-140	<6.22E+00	0.00E+00	6.22E+00
Be-7	<2.18E+01	0.00E+00	2.18E+01
K-40	1.11E+02	2.99E+01	3.02E+01

Sample ID: 614878 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.73E+00	0.00E+00	1.73E+00
Co-58	<1.94E+00	0.00E+00	1.94E+00
Fe-59	<4.61E+00	0.00E+00	4.61E+00
Co-60	<2.55E+00	0.00E+00	2.55E+00
Zn-65	<4.96E+00	0.00E+00	4.96E+00

Sample ID: 614878 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Zr-95	<3.85E+00	0.00E+00	3.85E+00
Nb-95	<3.39E+00	0.00E+00	3.39E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<2.34E+00	0.00E+00	2.34E+00
Cs-137	<2.71E+00	0.00E+00	2.71E+00
BaLa-140	<6.09E+00	0.00E+00	6.09E+00
Be-7	<2.13E+01	0.00E+00	2.13E+01
K-40	4.94E+01	2.53E+01	3.62E+01

Sample ID: 615142 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<-7.7E+01	0.00E+00	1.87E+02

Sample ID: 616880 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.37E+00	0.00E+00	2.37E+00
Co-58	<3.02E+00	0.00E+00	3.02E+00
Fe-59	<5.94E+00	0.00E+00	5.94E+00
Co-60	<2.82E+00	0.00E+00	2.82E+00
Zn-65	<5.84E+00	0.00E+00	5.84E+00
Zr-95	<4.68E+00	0.00E+00	4.68E+00
Nb-95	<3.88E+00	0.00E+00	3.88E+00
I-131	<1.17E+01	0.00E+00	1.17E+01
Cs-134	<3.23E+00	0.00E+00	3.23E+00
Cs-137	<3.01E+00	0.00E+00	3.01E+00
BaLa-140	<7.89E+00	0.00E+00	7.89E+00
Be-7	<2.44E+01	0.00E+00	2.44E+01
K-40	3.22E+01	3.60E+01	5.84E+01

Sample ID: 618344 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.72E+00	0.00E+00	2.72E+00
Co-58	<2.71E+00	0.00E+00	2.71E+00
Fe-59	<6.47E+00	0.00E+00	6.47E+00
Co-60	<2.63E+00	0.00E+00	2.63E+00
Zn-65	<6.87E+00	0.00E+00	6.87E+00
Zr-95	<5.67E+00	0.00E+00	5.67E+00
Nb-95	<3.54E+00	0.00E+00	3.54E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<3.01E+00	0.00E+00	3.01E+00
Cs-137	<2.77E+00	0.00E+00	2.77E+00
BaLa-140	<6.34E+00	0.00E+00	6.34E+00
Be-7	<2.72E+01	0.00E+00	2.72E+01
K-40	1.07E+02	3.22E+01	3.11E+01

Sample ID: 620277 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.90E+00	0.00E+00	2.90E+00
Co-58	<3.81E+00	0.00E+00	3.81E+00
Fe-59	<7.19E+00	0.00E+00	7.19E+00
Co-60	<2.26E+00	0.00E+00	2.26E+00
Zn-65	<6.74E+00	0.00E+00	6.74E+00
Zr-95	<6.25E+00	0.00E+00	6.25E+00
Nb-95	<4.83E+00	0.00E+00	4.83E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<4.77E+00	0.00E+00	4.77E+00
Cs-137	<4.07E+00	0.00E+00	4.07E+00
BaLa-140	<6.14E+00	0.00E+00	6.14E+00
Be-7	<3.33E+01	0.00E+00	3.33E+01
K-40	1.25E+02	4.63E+01	5.44E+01

Sample ID: 620943 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<0.00E+00	0.00E+00	1.95E+02

Sample ID: 621858 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.72E+00	0.00E+00	2.72E+00
Co-58	<2.82E+00	0.00E+00	2.82E+00
Fe-59	<7.88E+00	0.00E+00	7.88E+00
Co-60	<2.81E+00	0.00E+00	2.81E+00
Zn-65	<7.13E+00	0.00E+00	7.13E+00
Zr-95	<5.72E+00	0.00E+00	5.72E+00
Nb-95	<3.29E+00	0.00E+00	3.29E+00
I-131	<1.35E+01	0.00E+00	1.35E+01

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 062 [CONTROL - ENE @ 0.85 miles]

Sample ID: 621858 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<3.21E+00	0.00E+00	3.21E+00
Cs-137	<2.97E+00	0.00E+00	2.97E+00
BaLa-140	<6.86E+00	0.00E+00	6.86E+00
Be-7	<2.98E+01	0.00E+00	2.98E+01
K-40	7.66E+01	3.13E+01	3.70E+01

Sample ID: 623033 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.72E+00	0.00E+00	1.72E+00
Co-58	<2.17E+00	0.00E+00	2.17E+00
Fe-59	<3.50E+00	0.00E+00	3.50E+00
Co-60	<2.03E+00	0.00E+00	2.03E+00
Zn-65	<4.00E+00	0.00E+00	4.00E+00
Zr-95	<3.61E+00	0.00E+00	3.61E+00
Nb-95	<2.60E+00	0.00E+00	2.60E+00
I-131	<1.16E+01	0.00E+00	1.16E+01
Cs-134	<1.87E+00	0.00E+00	1.87E+00
Cs-137	<2.00E+00	0.00E+00	2.00E+00
BaLa-140	<5.70E+00	0.00E+00	5.70E+00
Be-7	<2.09E+01	0.00E+00	2.09E+01
K-40	5.58E+01	2.05E+01	2.66E+01

Sample ID: 624843 **Sample Dates: 9/30/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	<-1.1E+02	0.00E+00	1.87E+02

Sample ID: 624922 **Sample Dates: 11/25/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.26E+00	0.00E+00	2.26E+00
Co-58	<2.46E+00	0.00E+00	2.46E+00
Fe-59	<4.20E+00	0.00E+00	4.20E+00
Co-60	<1.94E+00	0.00E+00	1.94E+00
Zn-65	<5.12E+00	0.00E+00	5.12E+00
Zr-95	<3.19E+00	0.00E+00	3.19E+00
Nb-95	<2.94E+00	0.00E+00	2.94E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<2.38E+00	0.00E+00	2.38E+00
Cs-137	<2.37E+00	0.00E+00	2.37E+00
BaLa-140	<6.18E+00	0.00E+00	6.18E+00
Be-7	<2.30E+01	0.00E+00	2.30E+01
K-40	9.82E+01	2.64E+01	2.44E+01

Sample Point 063.1 [INDICATOR - E @ 0.79 miles]

Sample ID: 604114 **Sample Dates: 12/27/2023 - 1/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.07E+00	0.00E+00	3.07E+00
Co-58	<4.91E+00	0.00E+00	4.91E+00
Fe-59	<6.40E+00	0.00E+00	6.40E+00
Co-60	<2.66E+00	0.00E+00	2.66E+00
Zn-65	<6.82E+00	0.00E+00	6.82E+00
Zr-95	<5.11E+00	0.00E+00	5.11E+00
Nb-95	<4.63E+00	0.00E+00	4.63E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<2.88E+00	0.00E+00	2.88E+00
Cs-137	<3.89E+00	0.00E+00	3.89E+00
BaLa-140	<8.30E+00	0.00E+00	8.30E+00
Be-7	<2.89E+01	0.00E+00	2.89E+01
K-40	6.56E+01	3.62E+01	4.83E+01

Sample ID: 605345 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.95E+00	0.00E+00	3.95E+00
Co-58	<4.14E+00	0.00E+00	4.14E+00
Fe-59	<6.09E+00	0.00E+00	6.09E+00
Co-60	<4.26E+00	0.00E+00	4.26E+00
Zn-65	<6.64E+00	0.00E+00	6.64E+00
Zr-95	<8.46E+00	0.00E+00	8.46E+00
Nb-95	<4.67E+00	0.00E+00	4.67E+00
I-131	<1.31E+01	0.00E+00	1.31E+01
Cs-134	<3.36E+00	0.00E+00	3.36E+00
Cs-137	<4.05E+00	0.00E+00	4.05E+00
BaLa-140	<6.69E+00	0.00E+00	6.69E+00

Sample ID: 605345 **Sample Dates: 1/22/2024 - 2/19/2024**

Nuclide	Activity	2 Sigma Error	MDA
Be-7	<3.54E+01	0.00E+00	3.54E+01
K-40	<5.96E+01	0.00E+00	5.96E+01

Sample ID: 609133 **Sample Dates: 2/19/2024 - 3/18/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.53E+00	0.00E+00	2.53E+00
Co-58	<3.57E+00	0.00E+00	3.57E+00
Fe-59	<7.17E+00	0.00E+00	7.17E+00
Co-60	<1.99E+00	0.00E+00	1.99E+00
Zn-65	<5.70E+00	0.00E+00	5.70E+00
Zr-95	<6.49E+00	0.00E+00	6.49E+00
Nb-95	<4.21E+00	0.00E+00	4.21E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<3.30E+00	0.00E+00	3.30E+00
Cs-137	<3.19E+00	0.00E+00	3.19E+00
BaLa-140	<8.30E+00	0.00E+00	8.30E+00
Be-7	<2.85E+01	0.00E+00	2.85E+01
K-40	7.93E+01	3.44E+01	4.39E+01

Sample ID: 610535 **Sample Dates: 12/27/2023 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	1.51E+04	3.80E+02	2.07E+02

Sample ID: 610588 **Sample Dates: 3/18/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.66E+00	0.00E+00	3.66E+00
Co-58	<4.30E+00	0.00E+00	4.30E+00
Fe-59	<6.93E+00	0.00E+00	6.93E+00
Co-60	<3.88E+00	0.00E+00	3.88E+00
Zn-65	<7.84E+00	0.00E+00	7.84E+00
Zr-95	<8.37E+00	0.00E+00	8.37E+00
Nb-95	<5.09E+00	0.00E+00	5.09E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<5.59E+00	0.00E+00	5.59E+00
Cs-137	<4.43E+00	0.00E+00	4.43E+00
BaLa-140	<9.79E+00	0.00E+00	9.79E+00
Be-7	<4.34E+01	0.00E+00	4.34E+01
K-40	1.04E+02	4.24E+01	4.15E+01

Sample ID: 612079 **Sample Dates: 4/15/2024 - 5/13/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.74E+00	0.00E+00	2.74E+00
Co-58	<3.43E+00	0.00E+00	3.43E+00
Fe-59	<7.38E+00	0.00E+00	7.38E+00
Co-60	<2.39E+00	0.00E+00	2.39E+00
Zn-65	<5.61E+00	0.00E+00	5.61E+00
Zr-95	<5.62E+00	0.00E+00	5.62E+00
Nb-95	<3.99E+00	0.00E+00	3.99E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<3.04E+00	0.00E+00	3.04E+00
Cs-137	<3.42E+00	0.00E+00	3.42E+00
BaLa-140	<6.51E+00	0.00E+00	6.51E+00
Be-7	<2.23E+01	0.00E+00	2.23E+01
K-40	5.01E+01	3.46E+01	5.20E+01

Sample ID: 613682 **Sample Dates: 5/13/2024 - 6/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.08E+00	0.00E+00	3.08E+00
Co-58	<3.22E+00	0.00E+00	3.22E+00
Fe-59	<6.01E+00	0.00E+00	6.01E+00
Co-60	<3.52E+00	0.00E+00	3.52E+00
Zn-65	<6.80E+00	0.00E+00	6.80E+00
Zr-95	<4.45E+00	0.00E+00	4.45E+00
Nb-95	<3.67E+00	0.00E+00	3.67E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<3.53E+00	0.00E+00	3.53E+00
Cs-137	<3.18E+00	0.00E+00	3.18E+00
BaLa-140	<6.77E+00	0.00E+00	6.77E+00
Be-7	<3.04E+01	0.00E+00	3.04E+01
K-40	9.11E+01	3.10E+01	2.54E+01

Sample ID: 614879 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.89E+00	0.00E+00	1.89E+00
Co-58	<1.92E+00	0.00E+00	1.92E+00

Sample ID: 614879 **Sample Dates: 6/10/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Fe-59	<4.62E+00	0.00E+00	4.62E+00
Co-60	<1.99E+00	0.00E+00	1.99E+00
Zn-65	<4.26E+00	0.00E+00	4.26E+00
Zr-95	<3.49E+00	0.00E+00	3.49E+00
Nb-95	<2.80E+00	0.00E+00	2.80E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<1.87E+00	0.00E+00	1.87E+00
Cs-137	<1.97E+00	0.00E+00	1.97E+00
BaLa-140	<6.17E+00	0.00E+00	6.17E+00
Be-7	<1.80E+01	0.00E+00	1.80E+01
K-40	8.36E+01	2.21E+01	2.29E+01

Sample ID: 615143 **Sample Dates: 4/15/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	6.69E+03	2.51E+02	1.87E+02

Sample ID: 616881 **Sample Dates: 7/8/2024 - 8/5/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.22E+00	0.00E+00	4.22E+00
Co-58	<4.53E+00	0.00E+00	4.53E+00
Fe-59	<8.63E+00	0.00E+00	8.63E+00
Co-60	<4.84E+00	0.00E+00	4.84E+00
Zn-65	<7.54E+00	0.00E+00	7.54E+00
Zr-95	<8.85E+00	0.00E+00	8.85E+00
Nb-95	<6.23E+00	0.00E+00	6.23E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<4.52E+00	0.00E+00	4.52E+00
Cs-137	<3.49E+00	0.00E+00	3.49E+00
BaLa-140	<1.15E+01	0.00E+00	1.15E+01
Be-7	7.41E+00	2.26E+01	3.99E+01
K-40	8.32E+01	3.86E+01	4.41E+01

Sample ID: 618345 **Sample Dates: 8/5/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.85E+00	0.00E+00	2.85E+00
Co-58	<3.03E+00	0.00E+00	3.03E+00
Fe-59	<4.93E+00	0.00E+00	4.93E+00
Co-60	<2.76E+00	0.00E+00	2.76E+00
Zn-65	<6.70E+00	0.00E+00	6.70E+00
Zr-95	<6.39E+00	0.00E+00	6.39E+00
Nb-95	<4.74E+00	0.00E+00	4.74E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<3.69E+00	0.00E+00	3.69E+00
Cs-137	<3.24E+00	0.00E+00	3.24E+00
BaLa-140	<9.42E+00	0.00E+00	9.42E+00
Be-7	<3.03E+01	0.00E+00	3.03E+01
K-40	8.07E+01	3.51E+01	4.12E+01

Sample ID: 620278 **Sample Dates: 9/3/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.41E+00	0.00E+00	3.41E+00
Co-58	<3.78E+00	0.00E+00	3.78E+00
Fe-59	<9.56E+00	0.00E+00	9.56E+00
Co-60	<2.40E+00	0.00E+00	2.40E+00
Zn-65	<7.17E+00	0.00E+00	7.17E+00
Zr-95	<7.92E+00	0.00E+00	7.92E+00
Nb-95	<5.84E+00	0.00E+00	5.84E+00
I-131	<1.28E+01	0.00E+00	1.28E+01
Cs-134	<4.47E+00	0.00E+00	4.47E+00
Cs-137	<3.93E+00	0.00E+00	3.93E+00
BaLa-140	<8.21E+00	0.00E+00	8.21E+00
Be-7	<3.88E+01	0.00E+00	3.88E+01
K-40	8.38E+01	4.35E+01	5.43E+01

Sample ID: 620944 **Sample Dates: 7/8/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	3.77E+03	2.13E+02	1.94E+02

Sample ID: 621859 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.81E+00	0.00E+00	3.81E+00
Co-58	<2.95E+00	0.00E+00	2.95E+00
Fe-59	<9.33E+00	0.00E+00	9.33E+00
Co-60	<3.24E+00	0.00E+00	3.24E+00
Zn-65	<7.90E+00	0.00E+00	7.90E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 063.1 [INDICATOR - E @ 0.79 miles]

Sample ID: 621859 **Sample Dates: 9/30/2024 - 10/28/2024**

Nuclide	Activity	2 Sigma Error	MDA
Zr-95	<9.19E+00	0.00E+00	9.19E+00
Nb-95	<5.55E+00	0.00E+00	5.55E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.52E+00	0.00E+00	4.52E+00
Cs-137	<3.69E+00	0.00E+00	3.69E+00
BaLa-140	<9.09E+00	0.00E+00	9.09E+00
Be-7	<3.28E+01	0.00E+00	3.28E+01
K-40	6.58E+01	4.71E+01	7.07E+01

Sample ID: 623034 **Sample Dates: 10/28/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.93E+00	0.00E+00	1.93E+00
Co-58	<1.75E+00	0.00E+00	1.75E+00
Fe-59	<3.97E+00	0.00E+00	3.97E+00
Co-60	<1.97E+00	0.00E+00	1.97E+00
Zn-65	<4.26E+00	0.00E+00	4.26E+00
Zr-95	<3.01E+00	0.00E+00	3.01E+00
Nb-95	<2.27E+00	0.00E+00	2.27E+00
I-131	<1.16E+01	0.00E+00	1.16E+01
Cs-134	<1.85E+00	0.00E+00	1.85E+00
Cs-137	<1.88E+00	0.00E+00	1.88E+00
BaLa-140	<5.72E+00	0.00E+00	5.72E+00
Be-7	<1.89E+01	0.00E+00	1.89E+01
K-40	8.80E+01	2.17E+01	2.21E+01

Sample ID: 624844 **Sample Dates: 9/30/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
H3SW	9.25E+03	2.89E+02	1.87E+02

Sample ID: 624923 **Sample Dates: 11/25/2024 - 12/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.23E+00	0.00E+00	2.23E+00
Co-58	<2.22E+00	0.00E+00	2.22E+00
Fe-59	<6.15E+00	0.00E+00	6.15E+00
Co-60	<2.31E+00	0.00E+00	2.31E+00
Zn-65	<5.02E+00	0.00E+00	5.02E+00
Zr-95	<4.22E+00	0.00E+00	4.22E+00
Nb-95	<2.95E+00	0.00E+00	2.95E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<2.07E+00	0.00E+00	2.07E+00
Cs-137	<2.09E+00	0.00E+00	2.09E+00
BaLa-140	<5.45E+00	0.00E+00	5.45E+00
Be-7	<2.02E+01	0.00E+00	2.02E+01
K-40	8.20E+01	2.62E+01	3.29E+01

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 020 [INDICATOR - N @ 0.16 miles] **TLD RING TLD_INNER**

Sample ID: 608717 **Sample Dates: 12/19/2023 - 3/12/2024**

Nuclide	Activity
mR/Std Qtr	25.51

Sample ID: 613895 **Sample Dates: 3/12/2024 - 6/18/2024**

Nuclide	Activity
mR/Std Qtr	20.58

Sample ID: 619074 **Sample Dates: 6/18/2024 - 9/17/2024**

Nuclide	Activity
mR/Std Qtr	18.64

Sample ID: 624396 **Sample Dates: 9/17/2024 - 12/17/2024**

Nuclide	Activity
mR/Std Qtr	18.56

Sample Point 021 [INDICATOR - NNE @ 0.25 miles] **TLD RING TLD_INNER**

Sample ID: 608718 **Sample Dates: 12/19/2023 - 3/12/2024**

Nuclide	Activity
mR/Std Qtr	19.42

Sample ID: 613896 **Sample Dates: 3/12/2024 - 6/18/2024**

Nuclide	Activity
mR/Std Qtr	15.56

Sample ID: 619075 **Sample Dates: 6/18/2024 - 9/17/2024**

Nuclide	Activity
mR/Std Qtr	14.44

Sample ID: 624397 **Sample Dates: 9/17/2024 - 12/17/2024**

Nuclide	Activity
mR/Std Qtr	15.17

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 022 [INDICATOR - NE @ 0.53 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608719	12/19/2023 - 3/12/2024	mR/Std Qtr	28.06
613897	3/12/2024 - 6/18/2024	mR/Std Qtr	23.65
619076	6/18/2024 - 9/17/2024	mR/Std Qtr	22.97
624398	9/17/2024 - 12/17/2024	mR/Std Qtr	23.99

Sample Point 023 [INDICATOR - ENE @ 0.93 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608720	12/19/2023 - 3/12/2024	mR/Std Qtr	26.01
613898	3/12/2024 - 6/18/2024	mR/Std Qtr	23.12
619077	6/18/2024 - 9/17/2024	mR/Std Qtr	22.42
624399	9/17/2024 - 12/17/2024	mR/Std Qtr	21.32

Sample Point 024 [INDICATOR - E @ 0.81 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608721	12/19/2023 - 3/12/2024	mR/Std Qtr	34.55
613899	3/12/2024 - 6/18/2024	mR/Std Qtr	27.75
619078	6/18/2024 - 9/17/2024	mR/Std Qtr	27.74
624400	9/17/2024 - 12/17/2024	mR/Std Qtr	26.83

Sample Point 025 [INDICATOR - ESE @ 0.42 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608722	12/19/2023 - 3/12/2024	mR/Std Qtr	24.36
613900	3/12/2024 - 6/18/2024	mR/Std Qtr	19.07
619079	6/18/2024 - 9/17/2024	mR/Std Qtr	18.34
624401	9/17/2024 - 12/17/2024	mR/Std Qtr	17.71

Sample Point 026 [INDICATOR - SE @ 0.34 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608723	12/19/2023 - 3/12/2024	mR/Std Qtr	22.18
613901	3/12/2024 - 6/18/2024	mR/Std Qtr	17.12
619080	6/18/2024 - 9/17/2024	mR/Std Qtr	16.51
624402	9/17/2024 - 12/17/2024	mR/Std Qtr	15.74

Sample Point 027 [INDICATOR - SSE @ 0.49 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608724	12/19/2023 - 3/12/2024	mR/Std Qtr	22.89
613902	3/12/2024 - 6/18/2024	mR/Std Qtr	18.18

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 027 [INDICATOR - SSE @ 0.49 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
619081	6/18/2024 - 9/17/2024	mR/Std Qtr	19.64
624403	9/17/2024 - 12/17/2024	mR/Std Qtr	18.61

Sample Point 028 [INDICATOR - S @ 0.46 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608725	12/19/2023 - 3/12/2024	mR/Std Qtr	20.82
613903	3/12/2024 - 6/18/2024	mR/Std Qtr	17.43
619082	6/18/2024 - 9/17/2024	mR/Std Qtr	17.05
624404	9/17/2024 - 12/17/2024	mR/Std Qtr	16.04

Sample Point 029 [INDICATOR - SSW @ 0.56 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608726	12/19/2023 - 3/12/2024	mR/Std Qtr	19.85
613904	3/12/2024 - 6/18/2024	mR/Std Qtr	15.98
619083	6/18/2024 - 9/17/2024	mR/Std Qtr	17.55
624405	9/17/2024 - 12/17/2024	mR/Std Qtr	14.93

Sample Point 030 [INDICATOR - SW @ 0.42 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608727	12/19/2023 - 3/12/2024	mR/Std Qtr	21.28
613905	3/12/2024 - 6/18/2024	mR/Std Qtr	18.38
619084	6/18/2024 - 9/17/2024	mR/Std Qtr	18.34
624406	9/17/2024 - 12/17/2024	mR/Std Qtr	16.56

Sample Point 031 [INDICATOR - WSW @ 0.27 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608728	12/19/2023 - 3/12/2024	mR/Std Qtr	20.10
613906	3/12/2024 - 6/18/2024	mR/Std Qtr	18.06
619085	6/18/2024 - 9/17/2024	mR/Std Qtr	16.27
624407	9/17/2024 - 12/17/2024	mR/Std Qtr	17.03

Sample Point 032 [INDICATOR - WNW @ 0.19 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608729	12/19/2023 - 3/12/2024	mR/Std Qtr	24.40
613907	3/12/2024 - 6/18/2024	mR/Std Qtr	20.50
619086	6/18/2024 - 9/17/2024	mR/Std Qtr	18.40
624408	9/17/2024 - 12/17/2024	mR/Std Qtr	18.90

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 033 [INDICATOR - WNW @ 0.21 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608730	12/19/2023 - 3/12/2024	mR/Std Qtr	25.11
613908	3/12/2024 - 6/18/2024	mR/Std Qtr	18.93
619087	6/18/2024 - 9/17/2024	mR/Std Qtr	17.52
624409	9/17/2024 - 12/17/2024	mR/Std Qtr	19.18

Sample Point 034 [INDICATOR - NW @ 0.22 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608731	12/19/2023 - 3/12/2024	mR/Std Qtr	23.33
613909	3/12/2024 - 6/18/2024	mR/Std Qtr	19.43
619088	6/18/2024 - 9/17/2024	mR/Std Qtr	18.91
624410	9/17/2024 - 12/17/2024	mR/Std Qtr	17.62

Sample Point 035 [INDICATOR - NNW @ 0.17 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608732	12/19/2023 - 3/12/2024	mR/Std Qtr	29.23
613910	3/12/2024 - 6/18/2024	mR/Std Qtr	24.84
619089	6/18/2024 - 9/17/2024	mR/Std Qtr	24.53
624411	9/17/2024 - 12/17/2024	mR/Std Qtr	22.62

Sample Point 036 [INDICATOR - N @ 4.18 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608733	12/19/2023 - 3/12/2024	mR/Std Qtr	29.04
613911	3/12/2024 - 6/18/2024	mR/Std Qtr	25.91
619090	6/18/2024 - 9/17/2024	mR/Std Qtr	27.95
624412	9/17/2024 - 12/17/2024	mR/Std Qtr	24.97

Sample Point 037 [INDICATOR - NNE @ 4.85 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608734	12/19/2023 - 3/12/2024	mR/Std Qtr	22.25
613912	3/12/2024 - 6/18/2024	mR/Std Qtr	19.77
619091	6/18/2024 - 9/17/2024	mR/Std Qtr	17.57
624413	9/17/2024 - 12/17/2024	mR/Std Qtr	16.56

Sample Point 038 [INDICATOR - NE @ 4.24 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608735	12/19/2023 - 3/12/2024	mR/Std Qtr	23.83
613913	3/12/2024 - 6/18/2024	mR/Std Qtr	22.45

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 038 [INDICATOR - NE @ 4.24 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
619092	6/18/2024 - 9/17/2024	mR/Std Qtr	19.41
624414	9/17/2024 - 12/17/2024	mR/Std Qtr	20.88

Sample Point 039 [INDICATOR - ENE @ 4.02 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608736	12/19/2023 - 3/12/2024	mR/Std Qtr	28.59
613914	3/12/2024 - 6/18/2024	mR/Std Qtr	24.99
619093	6/18/2024 - 9/17/2024	mR/Std Qtr	23.58
624415	9/17/2024 - 12/17/2024	mR/Std Qtr	25.96

Sample Point 040 [INDICATOR - E @ 4.74 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608737	12/19/2023 - 3/12/2024	mR/Std Qtr	30.40
613915	3/12/2024 - 6/18/2024	mR/Std Qtr	28.64
619094	6/18/2024 - 9/17/2024	mR/Std Qtr	27.66
624416	9/17/2024 - 12/17/2024	mR/Std Qtr	24.85

Sample Point 041 [INDICATOR - ESE @ 4.25 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608738	12/19/2023 - 3/12/2024	mR/Std Qtr	21.53
613916	3/12/2024 - 6/18/2024	mR/Std Qtr	17.75
619095	6/18/2024 - 9/17/2024	mR/Std Qtr	18.36
624417	9/17/2024 - 12/17/2024	mR/Std Qtr	17.31

Sample Point 042 [INDICATOR - SE @ 4.93 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608739	12/19/2023 - 3/12/2024	mR/Std Qtr	29.68
613917	3/12/2024 - 6/18/2024	mR/Std Qtr	25.27
619096	6/18/2024 - 9/17/2024	mR/Std Qtr	26.14
624418	9/17/2024 - 12/17/2024	mR/Std Qtr	24.57

Sample Point 043 [INDICATOR - SSE @ 4.09 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608740	12/19/2023 - 3/12/2024	mR/Std Qtr	26.30
613918	3/12/2024 - 6/18/2024	mR/Std Qtr	24.44
619097	6/18/2024 - 9/17/2024	mR/Std Qtr	24.04
624419	9/17/2024 - 12/17/2024	mR/Std Qtr	24.70

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 044 [INDICATOR - S @ 3.96 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608741	12/19/2023 - 3/12/2024	mR/Std Qtr	22.52
613919	3/12/2024 - 6/18/2024	mR/Std Qtr	20.30
619098	6/18/2024 - 9/17/2024	mR/Std Qtr	19.60
624420	9/17/2024 - 12/17/2024	mR/Std Qtr	18.49

Sample Point 045 [INDICATOR - SSW @ 4.78 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608742	12/19/2023 - 3/12/2024	mR/Std Qtr	19.68
613920	3/12/2024 - 6/18/2024	mR/Std Qtr	18.15
619099	6/18/2024 - 9/17/2024	mR/Std Qtr	17.69
624421	9/17/2024 - 12/17/2024	mR/Std Qtr	16.96

Sample Point 046 [INDICATOR - SW @ 4.61 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608743	12/19/2023 - 3/12/2024	mR/Std Qtr	22.31
613921	3/12/2024 - 6/18/2024	mR/Std Qtr	21.20
619100	6/18/2024 - 9/17/2024	mR/Std Qtr	20.55
624422	9/17/2024 - 12/17/2024	mR/Std Qtr	18.59

Sample Point 048 [INDICATOR - W @ 3.64 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608744	12/19/2023 - 3/12/2024	mR/Std Qtr	30.62
613922	3/12/2024 - 6/18/2024	mR/Std Qtr	25.57
619101	6/18/2024 - 9/17/2024	mR/Std Qtr	26.93
624423	9/17/2024 - 12/17/2024	mR/Std Qtr	25.82

Sample Point 049 [INDICATOR - WNW @ 3.6 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608745	12/19/2023 - 3/12/2024	mR/Std Qtr	21.52
613923	3/12/2024 - 6/18/2024	mR/Std Qtr	19.51
619102	6/18/2024 - 9/17/2024	mR/Std Qtr	19.58
624424	9/17/2024 - 12/17/2024	mR/Std Qtr	20.19

Sample Point 050 [INDICATOR - NW @ 3.53 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608746	12/19/2023 - 3/12/2024	mR/Std Qtr	20.28
613924	3/12/2024 - 6/18/2024	mR/Std Qtr	18.33

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 050 [INDICATOR - NW @ 3.53 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
619103	6/18/2024 - 9/17/2024	mR/Std Qtr	18.36
624425	9/17/2024 - 12/17/2024	mR/Std Qtr	17.51

Sample Point 051 [INDICATOR - NNW @ 4.64 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608747	12/19/2023 - 3/12/2024	mR/Std Qtr	25.60
613925	3/12/2024 - 6/18/2024	mR/Std Qtr	19.18
619104	6/18/2024 - 9/17/2024	mR/Std Qtr	19.03
624426	9/17/2024 - 12/17/2024	mR/Std Qtr	19.33

Sample Point 052 [INDICATOR - ENE @ 12.4 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608748	12/19/2023 - 3/12/2024	mR/Std Qtr	25.51
613926	3/12/2024 - 6/18/2024	mR/Std Qtr	22.05
619105	6/18/2024 - 9/17/2024	mR/Std Qtr	21.69
624427	9/17/2024 - 12/17/2024	mR/Std Qtr	21.35

Sample Point 053 [INDICATOR - E @ 11.7 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608749	12/19/2023 - 3/12/2024	mR/Std Qtr	29.50
613927	3/12/2024 - 6/18/2024	mR/Std Qtr	24.94
619106	6/18/2024 - 9/17/2024	mR/Std Qtr	25.27
624428	9/17/2024 - 12/17/2024	mR/Std Qtr	25.13

Sample Point 054 [INDICATOR - ESE @ 8.6 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608750	12/19/2023 - 3/12/2024	mR/Std Qtr	22.06
613928	3/12/2024 - 6/18/2024	mR/Std Qtr	19.56
619107	6/18/2024 - 9/17/2024	mR/Std Qtr	19.96
624429	9/17/2024 - 12/17/2024	mR/Std Qtr	18.96

Sample Point 055 [INDICATOR - SSE @ 9.27 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608751	12/19/2023 - 3/12/2024	mR/Std Qtr	23.24
613929	3/12/2024 - 6/18/2024	mR/Std Qtr	19.96
619108	6/18/2024 - 9/17/2024	mR/Std Qtr	17.37
624430	9/17/2024 - 12/17/2024	mR/Std Qtr	17.28

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 056 [INDICATOR - SSW @ 7.3 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608752	12/19/2023 - 3/12/2024	mR/Std Qtr	26.59
613930	3/12/2024 - 6/18/2024	mR/Std Qtr	23.21
619109	6/18/2024 - 9/17/2024	mR/Std Qtr	24.40
624431	9/17/2024 - 12/17/2024	mR/Std Qtr	23.77

Sample Point 057 [INDICATOR - SW @ 8.42 miles] — **TLD RING TLD_SPEC**

Sample ID:	Sample Dates:	Nuclide	Activity
608753	12/19/2023 - 3/12/2024	mR/Std Qtr	23.71
613931	3/12/2024 - 6/18/2024	mR/Std Qtr	20.96
619110	6/18/2024 - 9/17/2024	mR/Std Qtr	19.35
624432	9/17/2024 - 12/17/2024	mR/Std Qtr	19.00

Sample Point 058 [CONTROL - WSW @ 9.39 miles] — **TLD RING TLD_CTRL**

Sample ID:	Sample Dates:	Nuclide	Activity
608754	12/19/2023 - 3/12/2024	mR/Std Qtr	34.95
613932	3/12/2024 - 6/18/2024	mR/Std Qtr	30.47
619111	6/18/2024 - 9/17/2024	mR/Std Qtr	30.34
624433	9/17/2024 - 12/17/2024	mR/Std Qtr	30.46

Sample Point 076 [INDICATOR - W @ 0.19 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608755	12/19/2023 - 3/12/2024	mR/Std Qtr	28.58
613933	3/12/2024 - 6/18/2024	mR/Std Qtr	24.04
619112	6/18/2024 - 9/17/2024	mR/Std Qtr	25.50
624434	9/17/2024 - 12/17/2024	mR/Std Qtr	24.17

Sample Point 077 [INDICATOR - SW @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608756	12/19/2023 - 3/12/2024	mR/Std Qtr	22.09
613934	3/12/2024 - 6/18/2024	mR/Std Qtr	19.41
619113	6/18/2024 - 9/17/2024	mR/Std Qtr	16.30
624435	9/17/2024 - 12/17/2024	mR/Std Qtr	18.19

Sample Point 078.1 [INDICATOR - WSW @ 0.53 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608757	12/19/2023 - 3/12/2024	mR/Std Qtr	30.53
613935	3/12/2024 - 6/18/2024	mR/Std Qtr	27.29

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 078.1 [INDICATOR - WSW @ 0.53 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
619114	6/18/2024 - 9/17/2024	mR/Std Qtr	24.01
624436	9/17/2024 - 12/17/2024	mR/Std Qtr	24.32

Sample Point 085 [INDICATOR - NNW @ 0.88 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608758	12/19/2023 - 3/12/2024	mR/Std Qtr	22.94
613936	3/12/2024 - 6/18/2024	mR/Std Qtr	20.05
619115	6/18/2024 - 9/17/2024	mR/Std Qtr	19.81
624437	9/17/2024 - 12/17/2024	mR/Std Qtr	19.13

Sample Point 086 [INDICATOR - NW @ 0.83 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608759	12/19/2023 - 3/12/2024	mR/Std Qtr	20.23
613937	3/12/2024 - 6/18/2024	mR/Std Qtr	18.19
619116	6/18/2024 - 9/17/2024	mR/Std Qtr	19.59
624438	9/17/2024 - 12/17/2024	mR/Std Qtr	16.43

Sample Point 087 [INDICATOR - WNW @ 1.33 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608760	12/19/2023 - 3/12/2024	mR/Std Qtr	20.75
613938	3/12/2024 - 6/18/2024	mR/Std Qtr	18.53
619117	6/18/2024 - 9/17/2024	mR/Std Qtr	19.01
624439	9/17/2024 - 12/17/2024	mR/Std Qtr	16.60

Sample Point 088 [INDICATOR - SSW @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608761	12/19/2023 - 3/12/2024	mR/Std Qtr	23.27
613939	3/12/2024 - 6/18/2024	mR/Std Qtr	21.67
619118	6/18/2024 - 9/17/2024	mR/Std Qtr	20.37
624440	9/17/2024 - 12/17/2024	mR/Std Qtr	20.17

Sample Point 089 [INDICATOR - S @ 1.19 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608762	12/19/2023 - 3/12/2024	mR/Std Qtr	27.15
613940	3/12/2024 - 6/18/2024	mR/Std Qtr	23.51
624441	9/17/2024 - 12/17/2024	mR/Std Qtr	21.90

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 090 [INDICATOR - SE @ 0.79 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
608763	12/19/2023 - 3/12/2024	mR/Std Qtr	27.25
613941	3/12/2024 - 6/18/2024	mR/Std Qtr	25.92
619120	6/18/2024 - 9/17/2024	mR/Std Qtr	26.73
624442	9/17/2024 - 12/17/2024	mR/Std Qtr	23.54

Sample Point 092 [INDICATOR - WSW @ 3.62 miles] **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
608764	12/19/2023 - 3/12/2024	mR/Std Qtr	27.18
613942	3/12/2024 - 6/18/2024	mR/Std Qtr	21.82
619121	6/18/2024 - 9/17/2024	mR/Std Qtr	21.89
624443	9/17/2024 - 12/17/2024	mR/Std Qtr	20.64

Sample Point 093 [CONTROL - SE @ 9.34 miles] **TLD RING TLD_CTRL**

Sample ID:	Sample Dates:	Nuclide	Activity
608765	12/19/2023 - 3/12/2024	mR/Std Qtr	25.59
613943	3/12/2024 - 6/18/2024	mR/Std Qtr	23.45
619122	6/18/2024 - 9/17/2024	mR/Std Qtr	22.41
624444	9/17/2024 - 12/17/2024	mR/Std Qtr	22.57

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 077 [INDICATOR - SW @ 1 miles]

Sample ID:	Sample Dates:		Nuclide	Activity	2 Sigma Error	MDA
603013	1/2/2024 - 1/2/2024	MIXEDBLV	Mn-54	<2.69E+01	0.00E+00	2.69E+01
			Co-58	<2.21E+01	0.00E+00	2.21E+01
			Fe-59	<5.72E+01	0.00E+00	5.72E+01
			Co-60	<3.01E+01	0.00E+00	3.01E+01
			Zn-65	<5.29E+01	0.00E+00	5.29E+01
			Zr-95	<5.23E+01	0.00E+00	5.23E+01
			Nb-95	<3.42E+01	0.00E+00	3.42E+01
			I-131	<4.00E+01	0.00E+00	4.00E+01
			Cs-134	<2.78E+01	0.00E+00	2.78E+01
			Cs-137	<2.44E+01	0.00E+00	2.44E+01
			BaLa-140	<3.53E+01	0.00E+00	3.53E+01
			Be-7	2.21E+03	3.84E+02	3.73E+02
			K-40	2.76E+03	5.21E+02	4.18E+02
604856	2/5/2024 - 2/5/2024	MIXEDBLV	Mn-54	<1.67E+01	0.00E+00	1.67E+01
			Co-58	<1.61E+01	0.00E+00	1.61E+01
			Fe-59	<3.41E+01	0.00E+00	3.41E+01
			Co-60	<1.43E+01	0.00E+00	1.43E+01
			Zn-65	<3.66E+01	0.00E+00	3.66E+01
			Zr-95	<3.14E+01	0.00E+00	3.14E+01
			Nb-95	<1.70E+01	0.00E+00	1.70E+01
			I-131	<1.69E+01	0.00E+00	1.69E+01
			Cs-134	<1.87E+01	0.00E+00	1.87E+01
			Cs-137	<1.47E+01	0.00E+00	1.47E+01
			BaLa-140	<1.92E+01	0.00E+00	1.92E+01
			Be-7	1.88E+03	2.62E+02	2.05E+02
			K-40	2.76E+03	4.09E+02	2.78E+02

Sample ID: 607722 **Sample Dates: 3/4/2024 - 3/4/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.09E+01	0.00E+00	3.09E+01
Co-58	<2.69E+01	0.00E+00	2.69E+01
Fe-59	<5.63E+01	0.00E+00	5.63E+01
Co-60	<2.20E+01	0.00E+00	2.20E+01
Zn-65	<6.26E+01	0.00E+00	6.26E+01
Zr-95	<6.19E+01	0.00E+00	6.19E+01
Nb-95	<3.32E+01	0.00E+00	3.32E+01
I-131	<3.12E+01	0.00E+00	3.12E+01
Cs-134	<4.34E+01	0.00E+00	4.34E+01
Cs-137	<2.99E+01	0.00E+00	2.99E+01
BaLa-140	<2.94E+01	0.00E+00	2.94E+01
Be-7	2.52E+03	4.70E+02	3.66E+02
K-40	3.41E+03	6.98E+02	8.11E+01

Sample ID: 610022 **Sample Dates: 4/1/2024 - 4/1/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.88E+01	0.00E+00	3.88E+01
Co-58	<3.08E+01	0.00E+00	3.08E+01
Fe-59	<5.40E+01	0.00E+00	5.40E+01
Co-60	<4.04E+01	0.00E+00	4.04E+01
Zn-65	<7.04E+01	0.00E+00	7.04E+01
Zr-95	<5.32E+01	0.00E+00	5.32E+01
Nb-95	<3.70E+01	0.00E+00	3.71E+01
I-131	<3.40E+01	0.00E+00	3.40E+01
Cs-134	<5.26E+01	0.00E+00	5.26E+01
Cs-137	<3.77E+01	0.00E+00	3.77E+01
BaLa-140	<5.78E+01	0.00E+00	5.78E+01
Be-7	2.21E+03	4.81E+02	4.13E+02
K-40	3.20E+03	7.66E+02	4.14E+02

Sample ID: 611826 **Sample Dates: 5/6/2024 - 5/6/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.28E+01	0.00E+00	1.28E+01
Co-58	<9.05E+00	0.00E+00	9.05E+00
Fe-59	<2.61E+01	0.00E+00	2.61E+01
Co-60	<1.51E+01	0.00E+00	1.51E+01
Zn-65	<3.13E+01	0.00E+00	3.13E+01
Zr-95	<1.68E+01	0.00E+00	1.68E+01
Nb-95	<1.18E+01	0.00E+00	1.18E+01
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<1.49E+01	0.00E+00	1.49E+01
Cs-137	<1.29E+01	0.00E+00	1.29E+01
BaLa-140	<1.56E+01	0.00E+00	1.56E+01
Be-7	4.43E+02	2.06E+02	1.13E+02
K-40	3.46E+03	4.37E+02	1.71E+02

Sample ID: 613610 **Sample Dates: 6/3/2024 - 6/3/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.43E+01	0.00E+00	2.43E+01
Co-58	<2.12E+01	0.00E+00	2.12E+01
Fe-59	<2.71E+01	0.00E+00	2.71E+01
Co-60	<4.09E+01	0.00E+00	4.09E+01
Zn-65	<4.41E+01	0.00E+00	4.41E+01
Zr-95	<3.01E+01	0.00E+00	3.01E+01
Nb-95	<1.88E+01	0.00E+00	1.88E+01
I-131	<2.84E+01	0.00E+00	2.84E+01
Cs-134	<2.56E+01	0.00E+00	2.56E+01
Cs-137	<1.46E+01	0.00E+00	1.46E+01
BaLa-140	<3.75E+01	0.00E+00	3.75E+01
Be-7	9.28E+02	2.39E+02	2.13E+02
K-40	1.43E+03	4.10E+02	2.97E+02

Sample ID: 614767 **Sample Dates: 7/1/2024 - 7/1/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.24E+01	0.00E+00	3.24E+01
Co-58	<3.69E+01	0.00E+00	3.69E+01
Fe-59	<5.18E+01	0.00E+00	5.18E+01
Co-60	<4.44E+01	0.00E+00	4.44E+01
Zn-65	<8.63E+01	0.00E+00	8.63E+01
Zr-95	<6.92E+01	0.00E+00	6.92E+01
Nb-95	<3.81E+01	0.00E+00	3.81E+01
I-131	<5.30E+01	0.00E+00	5.30E+01

Sample ID:	614767	Sample Dates: 7/1/2024 - 7/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<4.22E+01	0.00E+00	4.22E+01
				Cs-137	<3.11E+01	0.00E+00	3.11E+01
				BaLa-140	<4.87E+01	0.00E+00	4.87E+01
				Be-7	1.45E+03	3.71E+02	3.78E+02
				K-40	6.34E+03	9.98E+02	7.60E+01
Sample ID:	**617085**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.91E+01	0.00E+00	2.91E+01
				Co-58	<3.42E+01	0.00E+00	3.42E+01
				Fe-59	<5.72E+01	0.00E+00	5.72E+01
				Co-60	<2.80E+01	0.00E+00	2.80E+01
				Zn-65	<6.42E+01	0.00E+00	6.42E+01
				Zr-95	<5.25E+01	0.00E+00	5.25E+01
				Nb-95	<3.49E+01	0.00E+00	3.49E+01
				I-131	<4.21E+01	0.00E+00	4.21E+01
				Cs-134	<3.69E+01	0.00E+00	3.69E+01
				Cs-137	<3.17E+01	0.00E+00	3.17E+01
				BaLa-140	<3.90E+01	0.00E+00	3.90E+01
				Be-7	1.30E+03	3.33E+02	4.03E+02
				K-40	4.78E+03	7.34E+02	3.16E+02
Sample ID:	**618474**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.15E+01	0.00E+00	1.15E+01
				Co-58	<1.19E+01	0.00E+00	1.19E+01
				Fe-59	<2.85E+01	0.00E+00	2.85E+01
				Co-60	<1.26E+01	0.00E+00	1.26E+01
				Zn-65	<2.69E+01	0.00E+00	2.69E+01
				Zr-95	<2.17E+01	0.00E+00	2.17E+01
				Nb-95	<1.29E+01	0.00E+00	1.29E+01
				I-131	<1.94E+01	0.00E+00	1.94E+01
				Cs-134	<1.38E+01	0.00E+00	1.38E+01
				Cs-137	<9.53E+00	0.00E+00	9.53E+00
				BaLa-140	<2.12E+01	0.00E+00	2.12E+01
				Be-7	8.39E+02	1.61E+02	1.65E+02
				K-40	3.38E+03	4.41E+02	2.11E+02
Sample ID:	**620718**	**Sample Dates: 10/7/2024 - 10/7/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.12E+01	0.00E+00	2.12E+01
				Co-58	<2.32E+01	0.00E+00	2.32E+01
				Fe-59	<4.68E+01	0.00E+00	4.68E+01
				Co-60	<2.64E+01	0.00E+00	2.64E+01
				Zn-65	<5.20E+01	0.00E+00	5.20E+01
				Zr-95	<4.12E+01	0.00E+00	4.12E+01
				Nb-95	<2.59E+01	0.00E+00	2.59E+01
				I-131	<2.60E+01	0.00E+00	2.60E+01
				Cs-134	<2.53E+01	0.00E+00	2.53E+01
				Cs-137	<2.78E+01	0.00E+00	2.78E+01
				BaLa-140	<1.99E+01	0.00E+00	1.99E+01
				Be-7	2.10E+03	3.75E+02	3.74E+02
				K-40	4.04E+03	1.04E+03	2.88E+02
Sample ID:	**622302**	**Sample Dates: 11/4/2024 - 11/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.38E+01	0.00E+00	2.38E+01
				Co-58	<2.06E+01	0.00E+00	2.06E+01
				Fe-59	<4.21E+01	0.00E+00	4.21E+01
				Co-60	<1.66E+01	0.00E+00	1.66E+01
				Zn-65	<3.79E+01	0.00E+00	3.79E+01
				Zr-95	<3.91E+01	0.00E+00	3.91E+01
				Nb-95	<2.19E+01	0.00E+00	2.19E+01
				I-131	<2.07E+01	0.00E+00	2.07E+01
				Cs-134	<2.24E+01	0.00E+00	2.24E+01
				Cs-137	<1.94E+01	0.00E+00	1.94E+01
				BaLa-140	<3.28E+01	0.00E+00	3.28E+01
				Be-7	1.94E+03	3.24E+02	2.69E+02
				K-40	2.83E+03	5.07E+02	3.12E+02
Sample ID:	**624104**	**Sample Dates: 12/2/2024 - 12/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.95E+01	0.00E+00	1.95E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 077 [INDICATOR - SW @ 1 miles]

Sample ID:	624104	Sample Dates: 12/2/2024 - 12/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Co-58	<2.45E+01	0.00E+00	2.45E+01
				Fe-59	<4.59E+01	0.00E+00	4.59E+01
				Co-60	<2.28E+01	0.00E+00	2.28E+01
				Zn-65	<4.96E+01	0.00E+00	4.96E+01
				Zr-95	<4.58E+01	0.00E+00	4.58E+01
				Nb-95	<2.69E+01	0.00E+00	2.69E+01
				I-131	<3.52E+01	0.00E+00	3.52E+01
				Cs-134	<2.82E+01	0.00E+00	2.82E+01
				Cs-137	<2.10E+01	0.00E+00	2.10E+01
				BaLa-140	<2.74E+01	0.00E+00	2.74E+01
				Be-7	1.11E+03	2.61E+02	3.06E+02
				K-40	3.11E+03	4.93E+02	2.30E+02

Sample Point 079 [INDICATOR - NE @ 0.56 miles]

Sample ID:	603014	Sample Dates: 1/2/2024 - 1/2/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.06E+01	0.00E+00	2.06E+01
				Co-58	<2.30E+01	0.00E+00	2.30E+01
				Fe-59	<4.46E+01	0.00E+00	4.46E+01
				Co-60	<2.08E+01	0.00E+00	2.08E+01
				Zn-65	<5.07E+01	0.00E+00	5.07E+01
				Zr-95	<4.31E+01	0.00E+00	4.31E+01
				Nb-95	<2.66E+01	0.00E+00	2.66E+01
				I-131	<3.28E+01	0.00E+00	3.28E+01
				Cs-134	<2.30E+01	0.00E+00	2.30E+01
				Cs-137	<1.98E+01	0.00E+00	1.98E+01
				BaLa-140	<4.09E+01	0.00E+00	4.09E+01
				Be-7	4.75E+03	5.72E+02	2.56E+02
				K-40	3.83E+03	5.84E+02	2.36E+02
Sample ID:	**604857**	**Sample Dates: 2/5/2024 - 2/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.02E+01	0.00E+00	2.02E+01
				Co-58	<1.87E+01	0.00E+00	1.87E+01
				Fe-59	<3.74E+01	0.00E+00	3.74E+01
				Co-60	<2.06E+01	0.00E+00	2.06E+01
				Zn-65	<3.95E+01	0.00E+00	3.95E+01
				Zr-95	<3.76E+01	0.00E+00	3.76E+01
				Nb-95	<1.71E+01	0.00E+00	1.71E+01
				I-131	<1.93E+01	0.00E+00	1.93E+01
				Cs-134	<2.30E+01	0.00E+00	2.30E+01
				Cs-137	<1.71E+01	0.00E+00	1.71E+01
				BaLa-140	<1.74E+01	0.00E+00	1.74E+01
				Be-7	4.58E+03	5.17E+02	2.14E+02
				K-40	3.76E+03	5.41E+02	3.27E+02
Sample ID:	**607723**	**Sample Dates: 3/4/2024 - 3/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.78E+01	0.00E+00	2.78E+01
				Co-58	<2.21E+01	0.00E+00	2.21E+01
				Fe-59	<3.63E+01	0.00E+00	3.63E+01
				Co-60	<3.41E+01	0.00E+00	3.41E+01
				Zn-65	<4.91E+01	0.00E+00	4.91E+01
				Zr-95	<5.59E+01	0.00E+00	5.59E+01
				Nb-95	<2.39E+01	0.00E+00	2.39E+01
				I-131	<2.63E+01	0.00E+00	2.63E+01
				Cs-134	<2.76E+01	0.00E+00	2.76E+01
				Cs-137	<2.97E+01	0.00E+00	2.97E+01
				BaLa-140	<2.12E+01	0.00E+00	2.12E+01
				Be-7	3.91E+03	5.41E+02	2.97E+02
				K-40	4.04E+03	7.41E+02	5.56E+02
Sample ID:	**610023**	**Sample Dates: 4/1/2024 - 4/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.12E+01	0.00E+00	3.12E+01
				Co-58	<2.87E+01	0.00E+00	2.87E+01
				Fe-59	<5.37E+01	0.00E+00	5.37E+01
				Co-60	<3.47E+01	0.00E+00	3.47E+01
				Zn-65	<1.02E+02	0.00E+00	1.02E+02
				Zr-95	<6.88E+01	0.00E+00	6.88E+01
				Nb-95	<3.35E+01	0.00E+00	3.35E+01

Sample ID:	610023	Sample Dates: 4/1/2024 - 4/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				I-131	<3.59E+01	0.00E+00	3.59E+01
				Cs-134	<3.26E+01	0.00E+00	3.26E+01
				Cs-137	<3.74E+01	0.00E+00	3.74E+01
				BaLa-140	<3.03E+01	0.00E+00	3.03E+01
				Be-7	3.32E+03	5.65E+02	4.03E+02
				K-40	5.41E+03	9.65E+02	4.00E+02
Sample ID:	**611827**	**Sample Dates: 5/6/2024 - 5/6/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.53E+01	0.00E+00	1.53E+01
				Co-58	<1.36E+01	0.00E+00	1.36E+01
				Fe-59	<2.91E+01	0.00E+00	2.91E+01
				Co-60	<1.82E+01	0.00E+00	1.82E+01
				Zn-65	<3.54E+01	0.00E+00	3.54E+01
				Zr-95	<2.58E+01	0.00E+00	2.58E+01
				Nb-95	<1.49E+01	0.00E+00	1.49E+01
				I-131	<1.54E+01	0.00E+00	1.54E+01
				Cs-134	<1.79E+01	0.00E+00	1.79E+01
				Cs-137	<1.74E+01	0.00E+00	1.74E+01
				BaLa-140	<2.33E+01	0.00E+00	2.33E+01
				Be-7	7.69E+02	1.69E+02	1.87E+02
				K-40	4.09E+03	5.29E+02	2.72E+02
Sample ID:	**613611**	**Sample Dates: 6/3/2024 - 6/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.45E+01	0.00E+00	2.45E+01
				Co-58	<2.29E+01	0.00E+00	2.29E+01
				Fe-59	<3.99E+01	0.00E+00	3.99E+01
				Co-60	<2.85E+01	0.00E+00	2.85E+01
				Zn-65	<6.21E+01	0.00E+00	6.21E+01
				Zr-95	<4.46E+01	0.00E+00	4.46E+01
				Nb-95	<2.50E+01	0.00E+00	2.50E+01
				I-131	<2.16E+01	0.00E+00	2.16E+01
				Cs-134	<2.40E+01	0.00E+00	2.40E+01
				Cs-137	<2.37E+01	0.00E+00	2.37E+01
				BaLa-140	<2.32E+01	0.00E+00	2.32E+01
				Be-7	1.08E+03	5.10E+02	2.20E+02
				K-40	6.43E+03	9.57E+02	3.93E+02
Sample ID:	**614768**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<3.40E+01	0.00E+00	3.40E+01
				Co-58	<4.28E+01	0.00E+00	4.28E+01
				Fe-59	<7.88E+01	0.00E+00	7.88E+01
				Co-60	<3.90E+01	0.00E+00	3.90E+01
				Zn-65	<8.64E+01	0.00E+00	8.64E+01
				Zr-95	<5.40E+01	0.00E+00	5.40E+01
				Nb-95	<4.75E+01	0.00E+00	4.75E+01
				I-131	<4.41E+01	0.00E+00	4.41E+01
				Cs-134	<3.55E+01	0.00E+00	3.55E+01
				Cs-137	<3.43E+01	0.00E+00	3.43E+01
				BaLa-140	<5.61E+01	0.00E+00	5.61E+01
				Be-7	1.16E+03	3.63E+02	4.12E+02
				K-40	1.03E+04	1.47E+03	6.27E+02
Sample ID:	**617086**	**Sample Dates: 8/5/2024 - 8/5/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.07E+01	0.00E+00	2.07E+01
				Co-58	<2.51E+01	0.00E+00	2.51E+01
				Fe-59	<5.17E+01	0.00E+00	5.17E+01
				Co-60	<3.14E+01	0.00E+00	3.14E+01
				Zn-65	<5.12E+01	0.00E+00	5.12E+01
				Zr-95	<4.62E+01	0.00E+00	4.62E+01
				Nb-95	<2.71E+01	0.00E+00	2.71E+01
				I-131	<3.58E+01	0.00E+00	3.58E+01
				Cs-134	<3.23E+01	0.00E+00	3.23E+01
				Cs-137	<2.42E+01	0.00E+00	2.42E+01
				BaLa-140	<3.85E+01	0.00E+00	3.85E+01
				Be-7	1.07E+03	2.59E+02	3.05E+02
				K-40	1.01E+04	1.14E+03	3.96E+02

Sample Point 079 [INDICATOR - NE @ 0.56 miles]

Sample ID: 618475 **Sample Dates: 9/3/2024 - 9/3/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.52E+01	0.00E+00	2.52E+01
Co-58	<2.52E+01	0.00E+00	2.52E+01
Fe-59	<5.64E+01	0.00E+00	5.64E+01
Co-60	<2.92E+01	0.00E+00	2.92E+01
Zn-65	<5.46E+01	0.00E+00	5.46E+01
Zr-95	<4.32E+01	0.00E+00	4.32E+01
Nb-95	<2.79E+01	0.00E+00	2.79E+01
I-131	<3.18E+01	0.00E+00	3.18E+01
Cs-134	<2.81E+01	0.00E+00	2.81E+01
Cs-137	<2.15E+01	0.00E+00	2.15E+01
BaLa-140	<2.46E+01	0.00E+00	2.46E+01
Be-7	8.84E+02	2.25E+02	2.73E+02
K-40	1.15E+04	1.23E+03	3.15E+02

Sample ID: 620719 **Sample Dates: 10/7/2024 - 10/7/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.60E+01	0.00E+00	2.60E+01
Co-58	<2.16E+01	0.00E+00	2.16E+01
Fe-59	<4.43E+01	0.00E+00	4.43E+01
Co-60	<2.73E+01	0.00E+00	2.73E+01
Zn-65	<5.49E+01	0.00E+00	5.49E+01
Zr-95	<3.14E+01	0.00E+00	3.14E+01
Nb-95	<2.15E+01	0.00E+00	2.15E+01
I-131	<2.33E+01	0.00E+00	2.33E+01
Cs-134	<2.55E+01	0.00E+00	2.55E+01
Cs-137	<1.94E+01	0.00E+00	1.94E+01
BaLa-140	<2.83E+01	0.00E+00	2.83E+01
Be-7	1.09E+03	2.52E+02	2.86E+02
K-40	4.68E+03	6.78E+02	3.99E+02

Sample ID: 622303 **Sample Dates: 11/4/2024 - 11/4/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.40E+01	0.00E+00	1.40E+01
Co-58	<1.63E+01	0.00E+00	1.63E+01
Fe-59	<3.73E+01	0.00E+00	3.73E+01
Co-60	<1.60E+01	0.00E+00	1.60E+01
Zn-65	<4.16E+01	0.00E+00	4.16E+01
Zr-95	<3.18E+01	0.00E+00	3.18E+01
Nb-95	<1.83E+01	0.00E+00	1.83E+01
I-131	<1.75E+01	0.00E+00	1.75E+01
Cs-134	<1.84E+01	0.00E+00	1.84E+01
Cs-137	<1.64E+01	0.00E+00	1.64E+01
BaLa-140	<1.20E+01	0.00E+00	1.20E+01
Be-7	1.00E+03	2.31E+02	2.66E+02
K-40	3.82E+03	5.46E+02	2.34E+02

Sample ID: 624105 **Sample Dates: 12/2/2024 - 12/2/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.42E+01	0.00E+00	1.42E+01
Co-58	<2.06E+01	0.00E+00	2.06E+01
Fe-59	<3.31E+01	0.00E+00	3.31E+01
Co-60	<1.58E+01	0.00E+00	1.58E+01
Zn-65	<3.86E+01	0.00E+00	3.86E+01
Zr-95	<3.00E+01	0.00E+00	3.00E+01
Nb-95	<2.11E+01	0.00E+00	2.11E+01
I-131	<3.53E+01	0.00E+00	3.53E+01
Cs-134	<2.49E+01	0.00E+00	2.49E+01
Cs-137	<2.02E+01	0.00E+00	2.02E+01
BaLa-140	<3.83E+01	0.00E+00	3.83E+01
Be-7	2.47E+03	3.56E+02	2.64E+02
K-40	4.31E+03	5.63E+02	2.16E+02

Sample Point 093 [CONTROL - SE @ 9.34 miles]

Sample ID: 603015 **Sample Dates: 1/2/2024 - 1/2/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.33E+01	0.00E+00	2.33E+01
Co-58	<2.40E+01	0.00E+00	2.40E+01
Fe-59	<6.28E+01	0.00E+00	6.28E+01
Co-60	<1.59E+01	0.00E+00	1.59E+01
Zn-65	<5.05E+01	0.00E+00	5.05E+01
Zr-95	<4.03E+01	0.00E+00	4.03E+01

Sample ID: 603015 **Sample Dates: 1/2/2024 - 1/2/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Nb-95	<2.26E+01	0.00E+00	2.26E+01
I-131	<3.96E+01	0.00E+00	3.96E+01
Cs-134	<3.40E+01	0.00E+00	3.40E+01
Cs-137	<2.93E+01	0.00E+00	2.93E+01
BaLa-140	<2.67E+01	0.00E+00	2.67E+01
Be-7	1.80E+03	3.42E+02	3.25E+02
K-40	4.30E+03	6.70E+02	3.46E+02

Sample ID: 604858 **Sample Dates: 2/5/2024 - 2/5/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.97E+01	0.00E+00	1.97E+01
Co-58	<1.67E+01	0.00E+00	1.67E+01
Fe-59	<3.20E+01	0.00E+00	3.20E+01
Co-60	<1.80E+01	0.00E+00	1.80E+01
Zn-65	<4.03E+01	0.00E+00	4.03E+01
Zr-95	<2.51E+01	0.00E+00	2.51E+01
Nb-95	<1.70E+01	0.00E+00	1.70E+01
I-131	<1.54E+01	0.00E+00	1.54E+01
Cs-134	<2.50E+01	0.00E+00	2.50E+01
Cs-137	<1.84E+01	0.00E+00	1.84E+01
BaLa-140	<1.89E+01	0.00E+00	1.89E+01
Be-7	3.16E+03	3.88E+02	2.03E+02
K-40	3.12E+03	4.70E+02	2.54E+02

Sample ID: 607724 **Sample Dates: 3/4/2024 - 3/4/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.94E+01	0.00E+00	2.94E+01
Co-58	<3.15E+01	0.00E+00	3.15E+01
Fe-59	<5.85E+01	0.00E+00	5.85E+01
Co-60	<3.91E+01	0.00E+00	3.91E+01
Zn-65	<6.15E+01	0.00E+00	6.15E+01
Zr-95	<4.44E+01	0.00E+00	4.44E+01
Nb-95	<2.49E+01	0.00E+00	2.49E+01
I-131	<3.32E+01	0.00E+00	3.32E+01
Cs-134	<2.56E+01	0.00E+00	2.56E+01
Cs-137	<2.49E+01	0.00E+00	2.49E+01
BaLa-140	<2.93E+01	0.00E+00	2.93E+01
Be-7	6.23E+02	2.29E+02	2.83E+02
K-40	3.56E+03	7.00E+02	4.95E+02

Sample ID: 610024 **Sample Dates: 4/1/2024 - 4/1/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.06E+01	0.00E+00	3.06E+01
Co-58	<3.75E+01	0.00E+00	3.75E+01
Fe-59	<5.88E+01	0.00E+00	5.88E+01
Co-60	<8.52E+00	0.00E+00	8.52E+00
Zn-65	<7.75E+01	0.00E+00	7.75E+01
Zr-95	<4.48E+01	0.00E+00	4.48E+01
Nb-95	<2.72E+01	0.00E+00	2.72E+01
I-131	<3.16E+01	0.00E+00	3.16E+01
Cs-134	<4.25E+01	0.00E+00	4.25E+01
Cs-137	<2.53E+01	0.00E+00	2.53E+01
BaLa-140	<3.76E+01	0.00E+00	3.76E+01
Be-7	1.15E+03	3.38E+02	3.73E+02
K-40	4.81E+03	8.94E+02	3.89E+02

Sample ID: 611828 **Sample Dates: 5/6/2024 - 5/6/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.34E+01	0.00E+00	1.34E+01
Co-58	<1.26E+01	0.00E+00	1.26E+01
Fe-59	<2.15E+01	0.00E+00	2.15E+01
Co-60	<1.34E+01	0.00E+00	1.34E+01
Zn-65	<3.39E+01	0.00E+00	3.39E+01
Zr-95	<2.11E+01	0.00E+00	2.11E+01
Nb-95	<1.42E+01	0.00E+00	1.42E+01
I-131	<1.16E+01	0.00E+00	1.16E+01
Cs-134	<1.53E+01	0.00E+00	1.53E+01
Cs-137	<1.32E+01	0.00E+00	1.32E+01
BaLa-140	<9.92E+00	0.00E+00	9.92E+00
Be-7	1.85E+02	1.03E+02	1.57E+02
K-40	3.63E+03	4.56E+02	1.93E+02

Sample ID: 613612 **Sample Dates: 6/3/2024 - 6/3/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.52E+01	0.00E+00	2.52E+01
Co-58	<2.88E+01	0.00E+00	2.88E+01
Fe-59	<5.26E+01	0.00E+00	5.26E+01
Co-60	<2.59E+01	0.00E+00	2.59E+01
Zn-65	<7.32E+01	0.00E+00	7.32E+01
Zr-95	<4.99E+01	0.00E+00	4.99E+01
Nb-95	<3.10E+01	0.00E+00	3.10E+01
I-131	<2.68E+01	0.00E+00	2.68E+01
Cs-134	<3.43E+01	0.00E+00	3.43E+01
Cs-137	<2.63E+01	0.00E+00	2.63E+01
BaLa-140	<4.01E+01	0.00E+00	4.01E+01
Be-7	<3.71E+02	0.00E+00	3.71E+02
K-40	4.72E+03	8.71E+02	5.36E+02

Sample ID: 614769 **Sample Dates: 7/1/2024 - 7/1/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.19E+01	0.00E+00	2.19E+01
Co-58	<3.00E+01	0.00E+00	3.00E+01
Fe-59	<7.11E+01	0.00E+00	7.11E+01
Co-60	<2.47E+01	0.00E+00	2.47E+01
Zn-65	<6.29E+01	0.00E+00	6.29E+01
Zr-95	<5.10E+01	0.00E+00	5.10E+01
Nb-95	<3.48E+01	0.00E+00	3.48E+01
I-131	<5.32E+01	0.00E+00	5.32E+01
Cs-134	<3.58E+01	0.00E+00	3.58E+01
Cs-137	<3.48E+01	0.00E+00	3.48E+01
BaLa-140	<2.60E+01	0.00E+00	2.60E+01
Be-7	1.23E+03	3.08E+02	3.50E+02
K-40	5.26E+03	7.59E+02	2.49E+02

Sample ID: 617087 **Sample Dates: 8/5/2024 - 8/5/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.11E+01	0.00E+00	2.11E+01
Co-58	<1.80E+01	0.00E+00	1.80E+01
Fe-59	<3.59E+01	0.00E+00	3.59E+01
Co-60	<1.73E+01	0.00E+00	1.73E+01
Zn-65	<3.87E+01	0.00E+00	3.87E+01
Zr-95	<3.07E+01	0.00E+00	3.07E+01
Nb-95	<1.51E+01	0.00E+00	1.51E+01
I-131	<3.83E+01	0.00E+00	3.83E+01
Cs-134	<2.23E+01	0.00E+00	2.23E+01
Cs-137	<1.51E+01	0.00E+00	1.51E+01
BaLa-140	<1.76E+01	0.00E+00	1.76E+01
Be-7	8.01E+02	2.02E+02	2.46E+02
K-40	4.43E+03	5.84E+02	2.26E+02

Sample ID: 618476 **Sample Dates: 9/3/2024 - 9/3/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.33E+01	0.00E+00	2.33E+01
Co-58	<2.31E+01	0.00E+00	2.31E+01
Fe-59	<4.56E+01	0.00E+00	4.56E+01
Co-60	<2.38E+01	0.00E+00	2.38E+01
Zn-65	<4.81E+01	0.00E+00	4.81E+01
Zr-95	<4.17E+01	0.00E+00	4.17E+01
Nb-95	<2.56E+01	0.00E+00	2.56E+01
I-131	<3.44E+01	0.00E+00	3.44E+01
Cs-134	<2.87E+01	0.00E+00	2.87E+01
Cs-137	<2.47E+01	0.00E+00	2.47E+01
BaLa-140	<3.12E+01	0.00E+00	3.12E+01
Be-7	8.75E+02	2.44E+02	3.13E+02
K-40	5.61E+03	7.39E+02	3.50E+02

Sample ID: 620720 **Sample Dates: 10/7/2024 - 10/7/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.09E+01	0.00E+00	2.09E+01
Co-58	<2.25E+01	0.00E+00	2.25E+01
Fe-59	<4.51E+01	0.00E+00	4.51E+01
Co-60	<2.77E+01	0.00E+00	2.77E+01
Zn-65	<4.68E+01	0.00E+00	4.68E+01
Zr-95	<4.08E+01	0.00E+00	4.08E+01
Nb-95	<2.14E+01	0.00E+00	2.14E+01
I-131	<2.67E+01	0.00E+00	2.67E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 093 [CONTROL - SE @ 9.34 miles]

Sample ID:	620720	Sample Dates: 10/7/2024 - 10/7/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Cs-134	<2.47E+01	0.00E+00	2.47E+01
				Cs-137	<2.18E+01	0.00E+00	2.18E+01
				BaLa-140	<3.22E+01	0.00E+00	3.22E+01
				Be-7	1.00E+03	2.39E+02	2.75E+02
				K-40	3.18E+03	5.40E+02	3.74E+02
Sample ID:	**622304**	**Sample Dates: 11/4/2024 - 11/4/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.97E+01	0.00E+00	1.97E+01
				Co-58	<2.30E+01	0.00E+00	2.30E+01
				Fe-59	<3.55E+01	0.00E+00	3.55E+01
				Co-60	<2.13E+01	0.00E+00	2.13E+01
				Zn-65	<4.84E+01	0.00E+00	4.84E+01
				Zr-95	<3.30E+01	0.00E+00	3.30E+01
				Nb-95	<1.85E+01	0.00E+00	1.85E+01
				I-131	<1.87E+01	0.00E+00	1.87E+01
				Cs-134	<3.01E+01	0.00E+00	3.01E+01
				Cs-137	<2.02E+01	0.00E+00	2.02E+01
				BaLa-140	<2.69E+01	0.00E+00	2.69E+01
				Be-7	3.14E+02	1.57E+02	2.27E+02
				K-40	3.58E+03	5.90E+02	4.31E+02
Sample ID:	**624106**	**Sample Dates: 12/2/2024 - 12/2/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.48E+01	0.00E+00	1.48E+01
				Co-58	<1.60E+01	0.00E+00	1.60E+01
				Fe-59	<2.91E+01	0.00E+00	2.91E+01
				Co-60	<1.95E+01	0.00E+00	1.95E+01
				Zn-65	<4.36E+01	0.00E+00	4.36E+01
				Zr-95	<2.13E+01	0.00E+00	2.13E+01
				Nb-95	<1.83E+01	0.00E+00	1.83E+01
				I-131	<3.07E+01	0.00E+00	3.07E+01
				Cs-134	<1.82E+01	0.00E+00	1.82E+01
				Cs-137	<1.56E+01	0.00E+00	1.56E+01
				BaLa-140	<2.56E+01	0.00E+00	2.56E+01
				Be-7	1.27E+02	1.30E+02	2.09E+02
				K-40	3.92E+03	5.31E+02	2.96E+02

APPENDIX F

ERRATA TO PREVIOUS REPORTS

There are no errata to be appended to the
2024 Oconee Nuclear Station AREOR.

ENCLOSURE 6: RNP Annual Radiological Environmental Operating Report

ANNUAL RADIOLOGICAL ENVIRONMENTAL OPERATING REPORT

DUKE ENERGY PROGRESS, LLC

H. B. ROBINSON STEAM ELECTRIC PLANT
Unit No. 2

2024

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LIST OF ACRONYMS USED IN THIS TEXT *(in alphabetical order)*

A	Annually
AP	Air Particulate
AR	Air Radioiodine/ Air Cartridge
AREOR	Annual Radiological Environmental Operating Report
BLV	Broadleaf Vegetation
C	Control
CM	Community
CR	Condition Report (analogous to Nuclear Condition Report (NCR))
EZA	Eckert & Ziegler Analytics
FI	Fish
FP	Food Product
GEL	General Engineering Laboratories, LLC
GPS	Global Positioning System
GW	Ground Water
I	Indicator
IR	Inner Ring - TLDs
ISFSI	Independent Spent Fuel Storage Installation
HBRSEP or RNP	H. B. Robinson Steam Electric Plant, Unit No. 2
LLD	Lower Limit of Detection
M	Monthly
MAPEP	Department of Energy Mixed Analyte Performance Evaluation Program
MDA	Minimum Detectable Activity
mR	milliroentgen
mR/Std-Qtr	milliroentgen per standard quarter
MWe	Megawatt (electrical)
NCR	Nuclear Condition Report (analogous to Condition Report (CR))
NIST	National Institute of Standards and Technology
NRC	Nuclear Regulatory Commission
ODCM	Off-Site Dose Calculation Manual
OR	Outer Ring - TLDs
pCi/kg	picocurie per kilogram
pCi/l	picocurie per liter
pCi/m^3	picocurie per cubic meter
PI	Power Interrupt
Q	Quarterly
REMP	Radiological Environmental Monitoring Program
SA	Semiannually
SB	Site Boundary
SS	Sediment – Shoreline
SI	Special Interest - TLDs
SW	Surface Water
TECH SPECs	Technical Specifications
TLD	Thermoluminescent Dosimeter
UFSAR	Updated Final Safety Analysis Report
W	Weekly

1.0 EXECUTIVE SUMMARY

This Annual Radiological Environmental Operating Report describes the H. B. Robinson Steam Electric Plant, Unit No. 2 (HBRSEP or Robinson Nuclear Plant) Radiological Environmental Monitoring Program (REMP), and the program results for the calendar year 2024.

Included in the report are the identification of sampling locations, descriptions of environmental sampling and analysis procedures, comparisons of present environmental radioactivity levels and pre-operational environmental data, analysis of trends in environmental radiological data as potentially affected by plant operations, and a summary of environmental radiological sampling results. Quality assurance practices and program changes are also discussed.

Sampling activities were conducted as prescribed by the HBRSEP ODCM. Required analyses were performed and detection capabilities were met for the collected samples required by the ODCM. Seven-hundred-ninety-nine samples were analyzed comprising 799 test results in order to compile data for the 2024 HBRSEP Annual Radiological Environmental Operating Report (AREOR). No new sampling locations were added to the HBRSEP REMP as a result of the 2024 land use census.

Concentrations observed in the environment in 2024 for plant related radionuclides were within the ranges of concentrations observed in the past. Inspection of data showed that radioactivity concentrations in surface water are higher than the activities reported for samples collected at control locations. The radioactivity concentrations of the control location samples of broadleaf vegetation were higher than those samples collected at the indicator locations. All positively identified measurements attributable to plant operation were within limits as specified in ODCM.

The continued operation of HBRSEP has not contributed measurable radiation or the presence of gamma radioactivity in the environmental media monitored. The Lake Robinson surface water samples revealed tritium concentrations that are well within the applicable regulatory limits. The radiological environmental data for 2024 indicates that radioactivity concentrations were not higher than expected and all positively identified measurements attributable to HBRSEP operations in 2024 were within limits as specified in the HBRSEP ODCM, thus presenting no significant impact on the environment or public safety.

2.0 INTRODUCTION

2.1 SITE DESCRIPTION AND SAMPLE LOCATIONS

The H. B. Robinson Steam Electric Plant, Unit No. 2 (HBRSEP) is located in Darlington County, South Carolina, approximately five (5) miles northwest of Hartsville, and approximately twenty five (25) miles northwest of Florence, South Carolina. Lake Robinson is adjacent to the plant and is the source of cooling water. The lake was impounded during the construction of Robinson Unit No.1 (coal fired). The lake is fed by Black Creek and is approximately 2,250 acres in area. The plant intake is at the southern portion of the lake near the dam. The discharge is to a canal which conveys the cooling water to a point 4.2 miles north of the plant, where it returns to Lake Robinson.

HBRSEP consists of a pressurized water reactor (Unit No. 2) that is designed to produce 2339 Megawatts thermal (MWt). The site was shared with a pulverized coal unit (Unit No.1), which established commercial operation in 1960. Unit 1 is now offline and has been decommissioned since October 2012. Commercial production was initiated by Unit No. 2 on March 7, 1971.

The H. B. Robinson Steam Electric Plant site centerline used for GPS measurements was referenced from the H. B. Robinson Steam Electric Plant (HBSEP) Updated Final Safety Analysis Report (UFSAR). Waypoint coordinates used for HBSEP GPS measurements were latitude 34° 24’ 02” N and longitude 80° 09’ 05” W. Maps and tables were generated using North American Datum (NAD) 27. Data normally reflect accuracy to within 2 to 5 meters from point of measurement. All GPS field measurements were taken as close as possible to the item of interest. Distances for the locations are displayed using two significant figures.

Figures 2.1-1, 2.1-2 and 2.1-3 are One Mile Radius, Ten Mile Radius, and >10 Mile Radius maps, respectively, depicting the Thermoluminescent Dosimeter (TLD) monitoring locations and the sampling locations. The location numbers shown on these maps correspond to those listed in Tables 2.1-A and 2.1-B.

2.2 SCOPE AND REQUIREMENTS OF THE REMP

The Radiological Environmental Monitoring Program (REMP) has been in effect at HBRSEP since 1973. The operational program provides surveillance and backup support of detailed effluent monitoring, which is necessary to evaluate the significance, if any, of the contributions to the existing environmental radioactivity levels that result from station operation.

This monitoring program is based on NRC guidance as reflected in the HBRSEP Off-Site Dose Calculation Manual (ODCM), with regards to sample media, sampling locations, sampling frequency and analytical sensitivity requirements. Indicator and control locations were established for comparison purposes to distinguish radioactivity of plant origin from natural or other “man-made” environmental radioactivity. The environmental monitoring program also verifies projected and anticipated radionuclide concentrations in the environment and related

exposures from releases of radionuclides from HBRSEP. This program satisfies the requirements of Section IV.B.2 of Appendix I to 10 CFR 50 and provides surveillance of all appropriate critical exposure pathways to man and protects vital interests of the company, public and state and federal agencies concerned with the environment. Reporting levels for activity found in environmental samples are listed in Table 2.2-A. Table 2.2-B lists the REMP analysis and frequency schedule.

The Annual Land Use Census, required by the HBRSEP Off-Site Dose Calculation Manual (ODCM), is performed to ensure that changes in the use of areas at or beyond the site boundary are identified and that modifications to the REMP are made if required by changes in land use. This census satisfies the requirements of Section IV.B.3 of Appendix I to 10 CFR 50. Results are shown in Table 3.10.

Participation in an interlaboratory comparison program as required by HBRSEP ODCM Operational Requirements provides for independent checks on the precision and accuracy of measurements of radioactive material in REMP sample matrices. Such checks are performed as part of the quality assurance program for environmental monitoring in order to demonstrate that the results are valid for the purposes of Section IV.B.2 of Appendix I to 10 CFR 50. A summary of the results obtained as part of this comparison program are in Section 4 of this annual report.

2.3 STATISTICAL AND CALCULATIONAL METHODOLOGY

2.3.1 ESTIMATION OF THE MEAN VALUE

There was one (1) basic statistical calculation performed on the raw data resulting from the environmental sample analysis program. The calculation involved the determination of the mean value for the indicator and the control samples for each sample medium. The mean is a widely used statistic. This value was used in the reduction of the data generated by the sampling and analysis of the various media in the Radiological Environmental Monitoring Program. “Net activity (or concentration)" is the activity (or concentration) determined to be present in the sample. No "Minimum Detectable Activity", "Lower Limit of Detection", "Less Than Level", or negative activities or concentrations are included in the calculation of the mean. The following equation was used to estimate the mean:

$$\overline{x} = \frac{\sum_{i=1}^{N} x_i}{N}$$

Where:

$\overline{x}$ = estimate of the mean,
i = individual sample,
N = total number of samples with a net activity (or concentration),
χ_i = net activity (or concentration) for sample i.

2.3.2 LOWER LIMIT OF DETECTION AND MINIMUM DETECTABLE ACTIVITY

The Lower Limit of Detection (LLD) and Minimum Detectable Activity (MDA) are used throughout the REMP.

LLD - The LLD, as defined in the ODCM as the smallest concentration of radioactive material in a sample that will yield a net count, above the system background, that will be detected with 95% probability with only 5% probability of falsely concluding that a blank observation represents a "real" signal. The LLD is an *a priori* (before the fact) lower limit of detection. The actual LLD is dependent upon the standard deviation of the background counting rate, the counting efficiency, the sample size (mass or volume), the radiochemical yield and the radioactive decay of the sample between sample collection and counting. The "required" LLD's for each sample medium and selected radionuclides are given in the ODCM and are listed in Table 2.2-C.

MDA - The MDA is the net counting rate (sample after subtraction of background) that must be surpassed before a sample is considered to contain a scientifically measurable amount of a radioactive material exceeding background amounts. The MDA is calculated using a sample background and may be thought of as an "actual" LLD for a particular sample measurement. Certain gross counting measurements display a calculated negative value, indicating background is greater than sample activity.

2.3.3 TREND IDENTIFICATION

One of the purposes of an environmental monitoring program is to determine if there is a buildup of radionuclides in the environment due to the operation of the nuclear station. Visual inspection of tabular or graphical presentations of data (including preoperational) is used to determine if a trend exists. A decrease in a particular radionuclide's concentration in an environmental medium does not indicate that reactor operations are removing radioactivity from the environment but that reactor operations are not adding that radionuclide to the environment in quantities exceeding the preoperational level and that the normal removal processes (radioactive decay, deposition, resuspension, etc.) are influencing the concentration.

Substantial increases or decreases in the amount of a particular radionuclide's release from the nuclear plant will greatly affect the resulting environmental levels; therefore, a knowledge of the release of a radionuclide from the nuclear plant is necessary to completely interpret the trends, or lack of trends, determined from the environmental data. Factors that may affect environmental levels of radionuclides include prevailing weather conditions (periods of drought, solar cycles or heavier than normal precipitation), construction in or around either the nuclear plant or the sampling location, and addition or deletion of other sources of radioactive materials (such as the 1986 Chernobyl accident and the 2011 Japan earthquake and tsunami, which triggered the Fukushima Dai-ichi nuclear power plant incident). Some of these factors may be obvious while others are sometimes unknown. Therefore, how trends are identified will include some judgment by plant personnel.

Figure 2.1-1

Radiological Environmental Sampling Locations
(One Mile Radius)

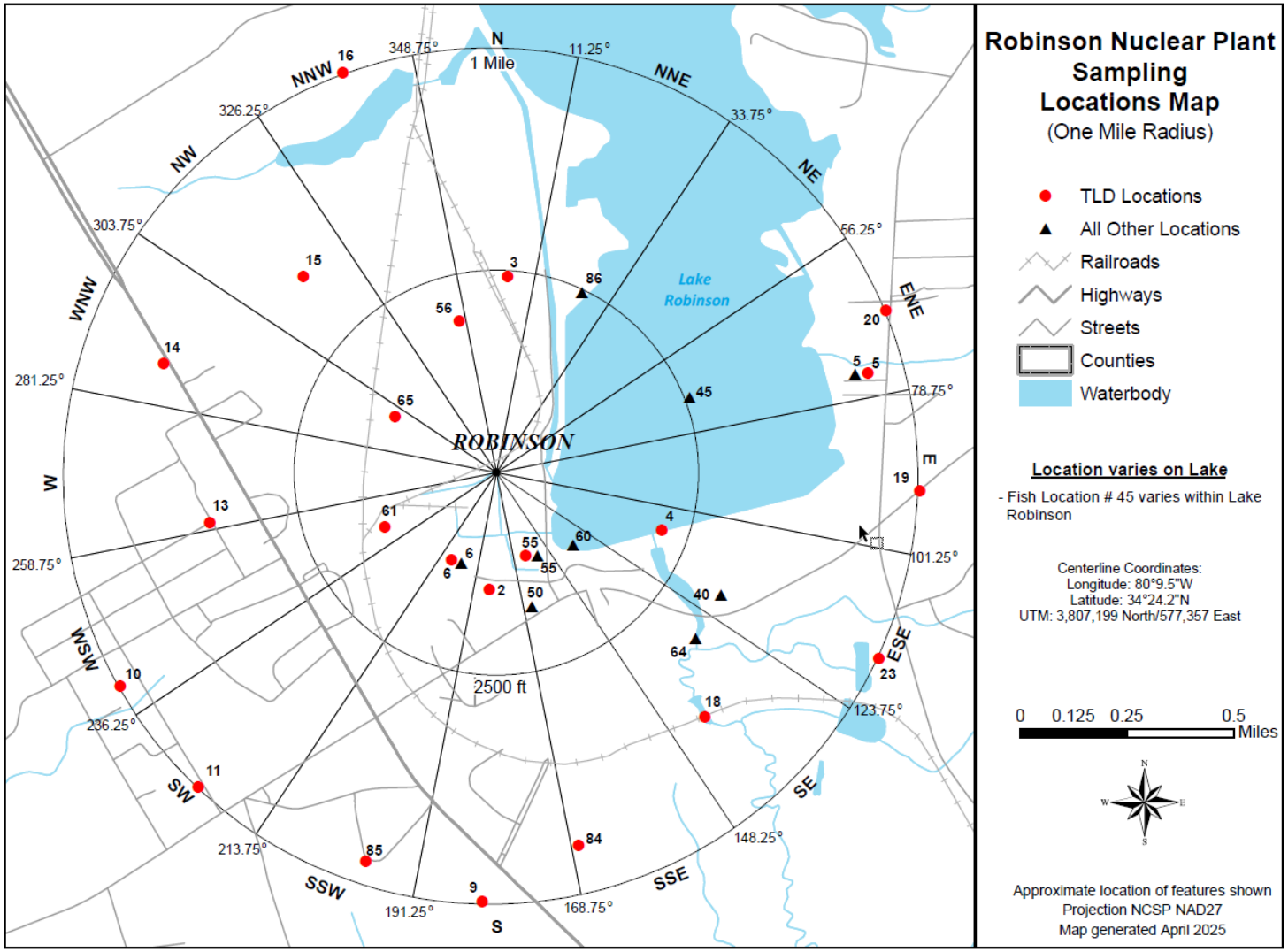


Figure 2.1-2

Radiological Environmental Sampling Locations
(Ten Mile Radius)

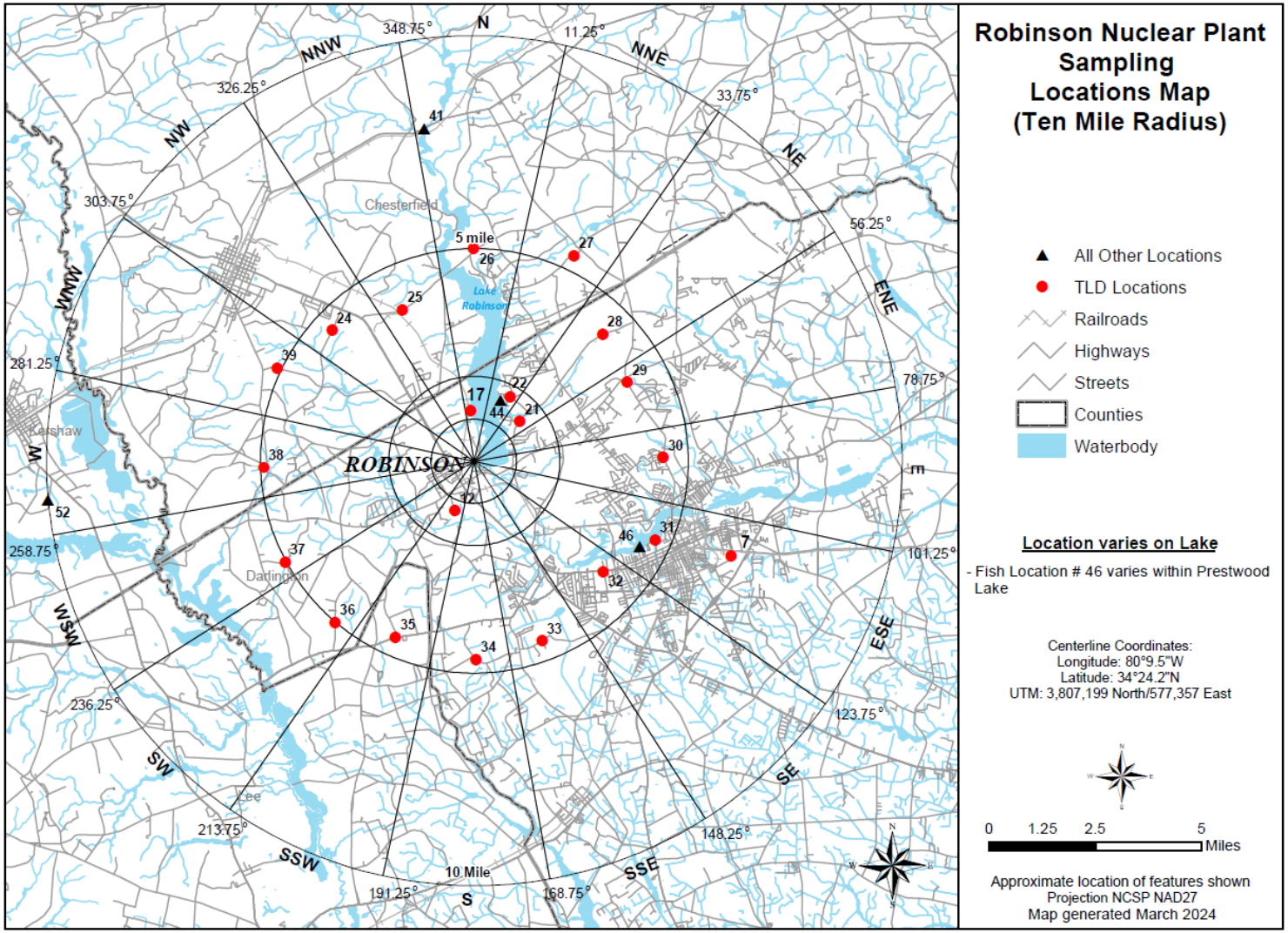


Figure 2.1-3

Radiological Environmental Sampling Locations
(>10 Mile Radius)

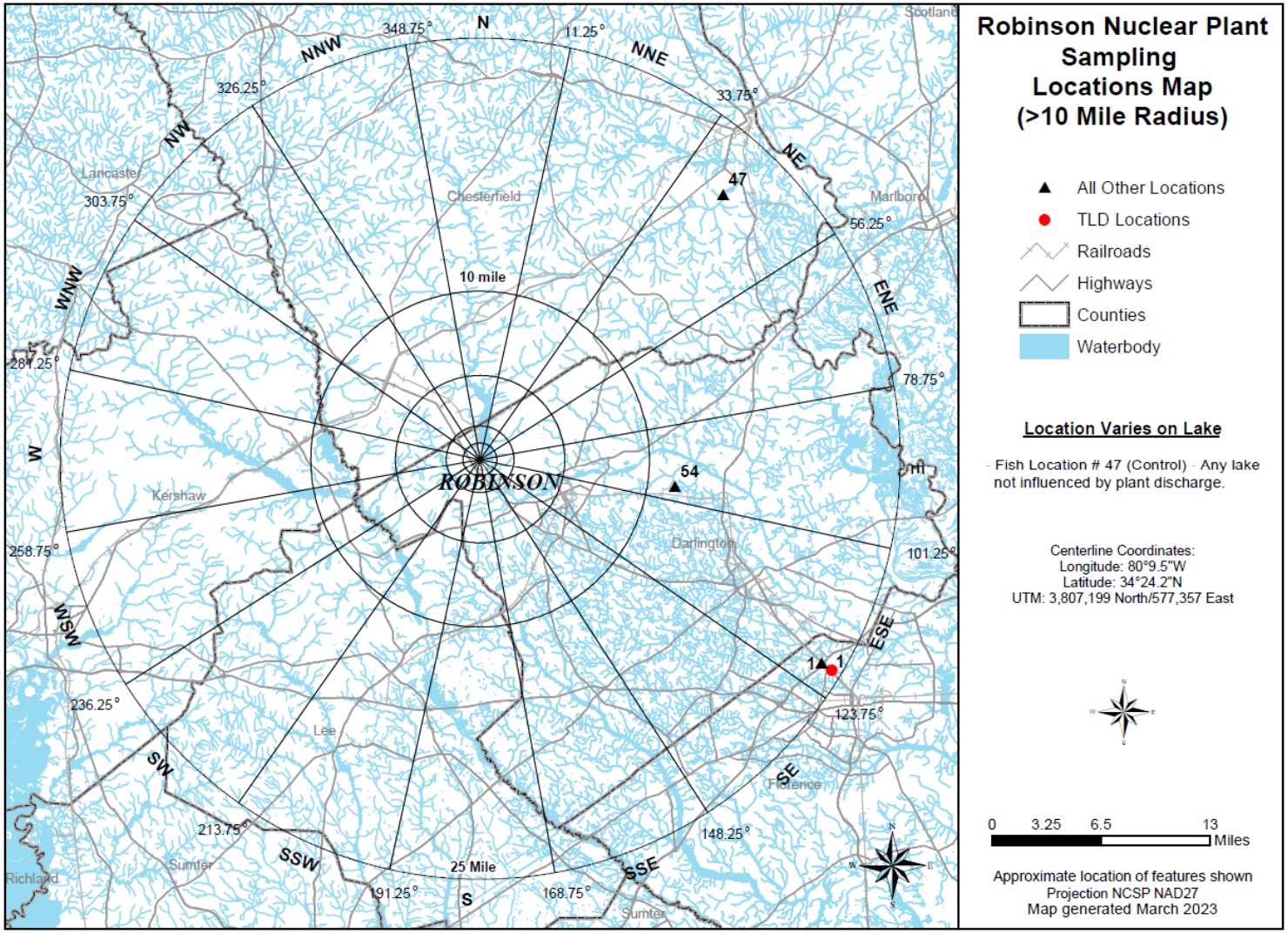


TABLE 2.1-A

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 (HBRSEP)

RADIOLOGICAL MONITORING PROGRAM SAMPLING LOCATIONS

Table 2.1-A Codes			
BW	BiWeekly	Q	Quarterly
C	Control	SA	Semiannually
CM	Community	SB	Site Boundary
I	Indicator	SM	Semimonthly
M	Monthly	W	Weekly

Site #	Measure Type*	Location Description**	Air Rad. & Particulate*	Surface Water(c)*	Shoreline Sediment*	Food Product(a)*	Fish*	Broadleaf Vegetation(b)*	Ground Water*
1	C(d)	24.4 miles ESE Florence, S.C.	W/Q						
5	I	0.9 miles ENE East shore of lake near Johnson's Landing	W/Q, CM						
6	I	0.2 miles SSW Information Center	W/Q, SB						
40	I	0.6 miles ESE Black Creek at Old Camden Road (S-16-23) – Lake Robinson		M					
41	C(d)	8.0 miles N Black Creek at US Hwy 1		M					
44	I	1.6 miles NNE East Shore of Lake, Shady Rest Club			SA				
45	I	Site varies within Lake Robinson					SA		
46	I	Site varies within Prestwood Lake					SA		
47	C(d)	Control station, any lake not influenced by plant discharge					SA		
50	I	SSE Close to Site Boundary						M, SB	
52	C(d)	10 miles W near Bethune						M	
54	I	10.1 miles E Auburndale Plantation (if irrigating from Black Creek)				A			
55	I	0.2 miles SSE South of West Settling Pond	W/Q, SB						
60	I	0.2 miles SE Robinson Picnic Area	W/Q						
64	I	0.6 miles SE Artesian Well							Q
86	I	NNE Close to Site Boundary						M, SB	

(a) During Harvest/Growing Season.
(b) During the growing season May through October.
(c) The "upstream sample" shall be taken at a distance beyond significant influence of the discharge. The "downstream" sample shall be taken in an area beyond but near mixing zone.
(d) The purpose of this sample is to obtain background information.
* Refer to List of Acronyms Used in this Text in Table of Contents
** GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.

TABLE 2.1-B

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 (HBRSEP)

RADIOLOGICAL MONITORING PROGRAM SAMPLING LOCATIONS (TLD SITES)[a]

Table 2.1-B Codes	
C	Control[b]
IR	Inner Ring
OR	Outer Ring

Site #	Measure Type	Location*	Distance (miles)*	Sector	Site #	Measure Type	Location*	Distance (miles)*	Sector
1	C[b]	Florence, SC	24.4	ESE	25	OR	Lake Robinson Road (#S-13-346)	4.0	NNW
2	IR	Information Center[c][d]	0.2	S	26	OR	Lake Robinson Road (#S-13-346)	5.0	N
3	IR	Microwave Tower	0.5	N	27	OR	Prospect Church Road (#S-13-763)	5.4	NNE
4	IR	Spillway	0.4	ESE	28	OR	New Market Road (#S-13-39)	4.3	NE
5	IR	East shore of lake near Johnson's Landing	0.9	ENE	29	OR	Ruby Road (#S-16-20)	4.0	ENE
6	IR	Information Center[c][d]	0.2	SSW	30	OR	Ruby Road (#S-16-20)	4.4	E
7	OR	CP&L Facility on RR Avenue, Hartsville	6.4	ESE	31	OR	Lakeshore Drive	4.6	ESE
9	IR	Transmission right-of-way	1.0	S	32	OR	Transmission right-of-way	4.0	SE
10	IR	Clyde Church of God	1.0	WSW	33	OR	Bay Road (#S-16-493)	4.5	SSE
11	IR	Old Camden Road	1.0	SW	34	OR	Kellybell Road (#S-16-772)	4.7	S
13	IR	Corner of Saluda and Sandpit Roads	0.7	W	35	OR	Kelly Bridge Road (#S-31-51)	4.5	SSW
14	IR	First Baptist Church of Pine Ridge	0.8	WNW	36	OR	Kingston Drive	5.0	SW
15	IR	Transmission right-of-way	0.7	NW	37	OR	Pine Cone Road	5.0	WSW
16	IR	South side of Darlington Co. I.C. Turbine Plant	1.0	NNW	38	OR	Union Church Road	4.9	W
17	IR	Darlington Co. Plant emergency fire pump	1.2	N	39	OR	King's Pond Road	5.1	WNW
18	IR	Old Black Creek RR trestle	0.7	SE	55	IR	South of the West Settling Pond	0.2	SSE
19	IR	Old Camden Road (#S-16-23)	1.0	E	56	IR	North of the center of the 7P-ISFSI[c][d]	0.4	NNW
20	IR	New Market Road (#S-16-39)	1.0	ENE	61	IR	West Parking lot near RR tracks[d]	0.3	WSW
21	IR	New Market Road (#S-16-39)	1.4	NE	65	IR	Northwest of the 24P-ISFSI[d]	0.3	WNW
22	IR	Shady Rest entrance off of Cloverdale Drive	1.7	NNE	84	IR	Greater Heights Baptist Church	0.9	SSE
23	IR	New Market Road (#S-16-39)	1.0	ESE	85	IR	Off Hayden Lane	0.9	SSW
24	OR	Sowell Road (#S-13-711)	4.6	NW					

(a) One or more instruments, such as a pressurized ion chamber, for measuring and recording dose rate continuously may be used in place of, or in addition to, integrating, dosimeters. For the purpose of this table, a thermoluminescent dosimeter (TLD) is considered to be one phosphor; two or more phosphors in a packet are considered as two or more dosimeters. Film badges shall not be used as dosimeters for measuring direct radiation.

(b) The purpose of this sample is to obtain background information.

(c) Required for monitoring of the 7P-ISFSI.

(d) Required for monitoring of the 24P-ISFSI.

* GPS data reflect approximate accuracy to within 2-5 meters. GPS field measurements were taken as close as possible to the item of interest.

TABLE 2.2-A

REPORTING LEVELS FOR RADIOACTIVITY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES

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

(a) For drinking water samples. This is 40 CFR Part 141 value. If no drinking water pathway exists, a value of 30,000 pCi/liter may be used.
(b) If no drinking water pathway exists, a value of 20 pCi/liter may be used.

TABLE 2.2-B

REMP ANALYSIS FREQUENCY

Sample Medium	Analysis Schedule	Gamma Isotopic[b]	Tritium	Low Level I-131	Gross Beta	TLD
Air Radioiodine	Weekly	X				
Air Particulate	Weekly				X[a]	
	Quarterly	X				
Direct Radiation	Quarterly					X
Surface Water	Monthly Composite[c]	X	X			
Ground Water	Quarterly[d]	X	X			
Shoreline Sediment	Semiannually	X				
Fish	Semiannually	X				
Broadleaf Vegetation	Monthly[f]	X				
Food Products	Annually[e]	X				

(a) Airborne particulate sample filters shall be analyzed for gross beta radioactivity 24 hours or more after sampling to allow for radon and thoron daughter decay. If gross beta activity in air particulate samples is greater than ten times the yearly mean of control samples, gamma isotopic analysis shall be performed on the individual samples.
(b) Gamma isotopic analysis means the identification and quantification of gamma-emitting radionuclides that may be attributable to the effluents from the facility.
(c) A composite sample is one which the quantity (aliquot)of liquid sampled is proportional to the quantity of flowing liquid and in which the method of sampling employed results in a specimen that is representative of the liquid flow. In this program composite sample aliquots shall be collected at time intervals that very short (e.g., hourly) relative to the compositing period (e.g., monthly) in order to assure obtaining a representative sample.
(d) Ground water samples shall be taken when this source is tapped for drinking or irrigation purposes in areas where the hydraulic gradient or recharge properties are suitable for contamination.
(e) If harvest occurs more than once a year, sampling shall be performed during each discrete harvest. If harvest occurs continuously, sampling shall be monthly. Attention shall be paid to including samples of tuberous and root food products.
(f) When Available

TABLE 2.2-C

A PRIORI LOWER LIMITS OF DETECTION (LLD)[a]

Analysis	Water (pCi/liter)	Airborne (pCi/m^3)	Fish (pCi/kg-wet)	Milk (pCi/liter)	Food Products (pCi/kg-wet)	Sediment (pCi/kg-dry)
Gross Beta		0.01				
H-3	2000 [c]					
Mn-54	15		130			
Fe-59	30		260			
Co-58, 60	15		130			
Zn-65	30		260			
Zr-Nb-95[b]	15					
I-131	1[d]	0.07		1	60	
Cs-134	15	0.05	130	15	60	150
Cs-137	18	0.06	150	18	80	180
Ba-La-140[b]	15			15		

(a) The LLD is defined in Section 2.3.2.
(b) The specified LLD applies to the daughter nuclide of an equilibrium mixture of the parent and daughter nuclides.
(c) If no drinking water pathway exists, a value of 3000 pCi/liter may be used.
(d) If no drinking water pathway exists, a value of 15 pCi/liter may be used.

3.0 INTERPRETATION OF RESULTS

Review of the 2024 analysis results was performed to identify changes in environmental levels as a results of plant operations. The review is summarized in this section. Data from 2024 was compared to historical data. Sample data for some media is not directly comparable to earlier operational sample results because of either significant changes in the analysis methods or changes in the reporting of the results. Summary tables containing 2024 information required by Technical Specifications Administrative Control 5.6.2 are located in Appendix B. REMP results for 2024 are located in Appendix E.

Evaluation for significant trends was performed for the radionuclides listed as required LLDs within the HBRSEP ODCM. The radionuclides include: H-3, Mn-54, Fe-59, Co-58, Co-60, Zn-65, Zr-95, Nb-95, I-131, Cs-134, Cs-137, Ba-140 and La-140. Trending of air particulate gross beta results is being performed. Trending is also performed for other radionuclides that are detected and could have been the result of station effluents. Only ODCM required radionuclides were detected in 2024.

Trending was performed by comparing annual mean concentrations of any effluent related detected radionuclide to historical results. Factors evaluated include the frequency of detection and the concentration terms of the percent of the radionuclide's ODCM reporting level (Table 2.2-A). All maximum percent of reporting level values were well below the 100% action level. The highest value reached during 2024 due to HBRSEP operation was 7,610 pCi/liter which is 25% of the reporting level for H-3 in surface water sample collected at location 40.

Review of the 2024 data presented in this section supports the conclusion that there were no significant changes in environmental sample radionuclide concentrations of samples collected and analyzed from HBRSEP and surrounding areas that were attributable to plant operations. The radiological environmental data for 2024 indicates that radioactivity concentrations were not higher than expected and all positively identified measurements attributable to HBRSEP operations in 2024 were within limits as specified in the HBRSEP ODCM, thus presenting no significant impact on the environment or public safety.

Data presented in Sections 3.1 – 3.9 support the conclusion that there were no significant increases in radionuclides in the environment around HBRSEP due to plant operations in 2024. Similarly, there was no significant increase in ambient background radiation levels in the surrounding areas. The 2024 land use census data, shown in Section 3.10, indicates that no program changes are required as a result of the census.

3.1 AIRBORNE RADIOIODINE AND PARTICULATES

Airborne particulate and radioiodine samples at each of five locations were composited continuously by means of continuous air samplers. Air particulates were collected on a particulate filter and radioiodines were collected in a charcoal cartridge positioned behind the filter in the sampler. The samplers are designed to operate at a constant flow rate (in order to compensate for any filter loading) and are set to sample approximately 2 cubic feet per minute. Filters and cartridges were collected weekly.

During 2024, 260 continuously composited radioiodine and particulate samples were collected and analyzed, 208 from four indicator locations and 52 from the control location. Particulate samples were analyzed weekly for gross beta. A quarterly gamma analysis was performed on the quarterly filter composite (by location). Radioiodine samples received a weekly gamma analysis.

There was no detectable I-131 in air samples in 2024. Table 3.1-B gives the highest indicator location annual mean and control location annual mean for I-131 since 1999. The tables show similar historical concentrations for both the indicator and control locations.

There were no detectable gamma emitting radionuclides detected in air particulate samples in 2024 due to HBRSEP operations. No gamma emitting particulate due to HBRSEP operations have been detected in indicator location samples from 1999-2024.

Gross beta analyses indicated 2.09E-2 pCi/m^3 at the indicator location with the highest annual mean and 1.98E-2 pCi/m^3 at the control location. Figure 3.1 and Table 3.1-A provide individual sample gross beta results for the highest annual mean indicator location and the control location concentrations since 1999 to 2024. The two sample locations' results are similar in concentration and have negligible variance. No gross beta activity in air particulate samples was greater than ten time the yearly mean of the control samples. The gross beta activities decreased following the retirement of the coal steam unit in October 2012.

K-40 and Be-7 observed in air samples are naturally occurring radionuclides.

Figure 3.1

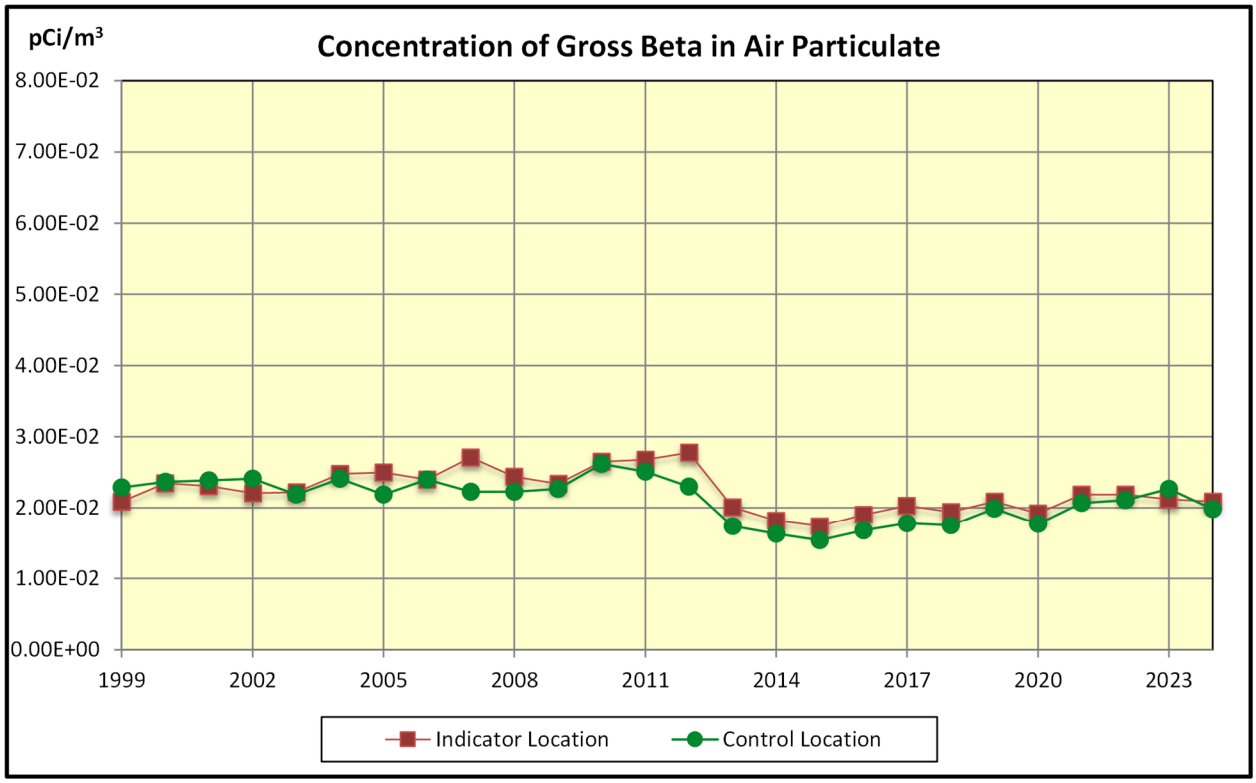

pCi/m³
Concentration of Gross Beta in Air Particulate
8.00E-02
7.00E-02
6.00E-02
5.00E-02
4.00E-02
3.00E-02
2.00E-02
1.00E-02
0.00E+00
1999
2002
2005
2008
2011
2014
2017
2020
2023
Indicator Location
Control Location

Table 3.1-A Mean Concentration of Gross Beta in Air Particulate

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1999	2.09E-2	2.29E-2
2000	2.35E-2	2.37E-2
2001	2.31E-2	2.39E-2
2002	2.21E-2	2.41E-2
2003	2.22E-2	2.19E-2
2004	2.48E-2	2.41E-2
2005	2.50E-2	2.19E-2
2006	2.40E-2	2.40E-2
2007	2.71E-2	2.23E-2
2008	2.44E-2	2.23E-2
2009	2.34E-2	2.27E-2
2010	2.65E-2	2.62E-2
2011	2.68E-2	2.51E-2
2012	2.78E-2	2.30E-2
2013	2.01E-2	1.74E-2
2014	1.82E-2	1.63E-2
2015	1.74E-2	1.54E-2
2016	1.90E-2	1.68E-2
2017	2.03E-2	1.78E-2
2018	1.94E-2	1.75E-2
2019	2.09E-2	1.99E-2
2020	1.92E-2	1.77E-2
2021	2.19E-2	2.07E-2
2022	2.19E-2	2.11E-2
2023	2.12E-2	2.27E-2
2024	2.09E-2	1.98E-2

Table 3.1-B Mean Concentration of Air Radioiodine (I-131)

Year	Indicator Location (pCi/m^3)	Control Location (pCi/m^3)
1999	0.00E+0	0.00E+0
2000	0.00E+0	0.00E+0
2001	0.00E+0	0.00E+0
2002	0.00E+0	0.00E+0
2003	0.00E+0	0.00E+0
2004	0.00E+0	0.00E+0
2005	0.00E+0	0.00E+0
2006	0.00E+0	0.00E+0
2007	0.00E+0	0.00E+0
2008	0.00E+0	0.00E+0
2009	0.00E+0	0.00E+0
2010	0.00E+0	0.00E+0
2011(1)	8.23E-2	8.10E-2
2012	0.00E+0	0.00E+0
2013	0.00E+0	0.00E+0
2014(2)	0.00E+0	0.00E+0
2015	0.00E+0	0.00E+0
2016	0.00E+0	0.00E+0
2017	0.00E+0	0.00E+0
2018	0.00E+0	0.00E+0
2019	0.00E+0	0.00E+0
2020	0.00E+0	0.00E+0
2021	0.00E+0	0.00E+0
2022	0.00E+0	0.00E+0
2023	0.00E+0	0.00E+0
2024	0.00E+0	0.00E+0

0.00E+0 indicates no detectable measurements

(1) 2011 concentrations affected by Fukushima Dai-ichi

(2) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were observed due to the 2014 gamma spectroscopy system change.

3.2 SURFACE WATER

Gamma spectroscopy and tritium analyses were performed on 24 monthly surface water samples that were composited using water samplers that collected an aliquot every two hours. One indicator and one control location were sampled. The indicator is downstream of the liquid effluent release point.

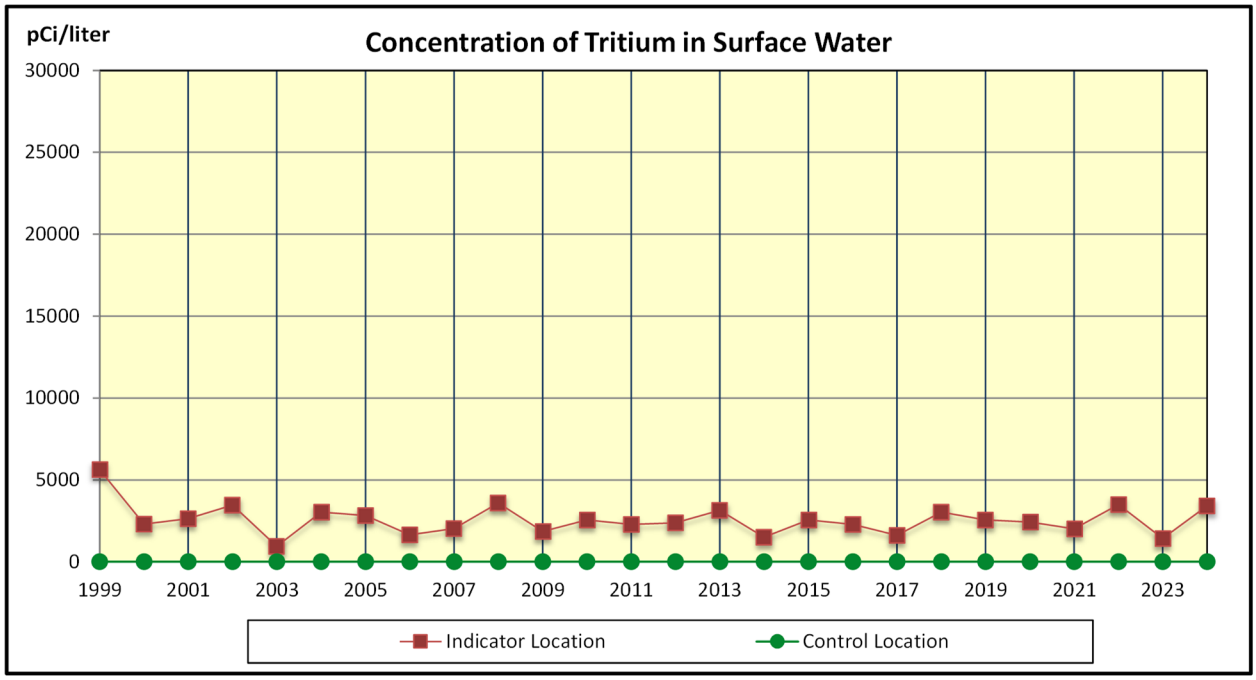
Tritium was detected in the 12 of the 12 indicator samples. The 2024 surface water highest annual mean tritium concentration was 3,410 pCi/liter. The individual samples ranged from 533 to 7,610 pCi/liter. For comparison purposes, the 2023 highest annual mean concentration was 1,430 pCi/liter. Tritium was not detected in any of the control surface water samples.

Figure 3.2 shows the indicator and control annual means for tritium since 1999. Table 3.2 lists the indicator and control annual means since 1999.

Gamma spectroscopy analysis did not detect any station related gamma activity during 2024. No gamma emitting radionuclides attributable to plant operations have been detected in surface water samples since 1999.

K-40 observed in surface water samples is a naturally occurring radionuclide.

Figure 3.2



There is no reporting level for tritium in surface water; however, if no drinking water pathway exists, a value of 30,000 pCi/l may be used.

Table 3.2 Mean Concentration of Tritium in Surface Water

Year	Indicator Location (pCi/l)	Control Location (pCi/l)
1999	5.64E+3	0.00E+0
2000	2.30E+3	0.00E+0
2001	2.64E+3	0.00E+0
2002	3.47E+3	0.00E+0
2003	9.53E+2	0.00E+0
2004	3.03E+3	0.00E+0
2005	2.83E+3	0.00E+0
2006	1.65E+3	0.00E+0
2007	2.03E+3	0.00E+0
2008	3.59E+3	0.00E+0
2009	1.86E+3	0.00E+0
2010	2.55E+3	0.00E+0
2011	2.29E+3	0.00E+0
2012	2.38E+3	0.00E+0
2013	3.14E+3	0.00E+0
2014	1.50E+3	0.00E+0
2015	2.56E+3	0.00E+0
2016	2.28E+3	0.00E+0
2017	1.62E+3	0.00E+0
2018	3.03E+3	0.00E+0
2019	2.56E+3	0.00E+0
2020	2.43E+3	0.00E+0
2021	2.02E+3	0.00E+0
2022	3.50E+3	0.00E+0
2023	1.43E+3	0.00E+0
2024	3.41E+3	0.00E+0

0.00E+0 indicates no detectable measurements

3.3 GROUND WATER

Gamma spectroscopy and tritium analyses were performed on 4 quarterly ground water grab samples collected at one indicator location during 2024. There is no control ground water location.

Tritium analysis did not detect tritium in any of the indicator samples in 2024.

Gamma spectroscopy analyses did not detect any gamma emitting radionuclides attributable to plant operations during 2024.

K-40 observed in ground water samples is a naturally occurring radionuclide.

3.4 MILK

Milk monitoring has not been conducted due to the unavailability of milk samples in the area since July 17, 1998, when the dairy ceased operation. The 2024 Land use Census did not identify any milk animals within the 5 mile radius of the plant. Broadleaf sampling is conducted and is used to calculate dose to an individual via the vegetation-milk-man pathway.

3.5 BROADLEAF VEGETATION

Monthly samples were collected monthly during the growing season and a gamma spectroscopy analysis was performed on 18 broadleaf vegetation samples during 2024. Two indicator locations and one control location were sampled.

During 2024, 6 of the 12 samples taken from the indicator locations identified Cs-137 activity with the highest annual mean concentration of 537 pCi/kg. Cs-137 was detected in 6 of the 6 samples taken from the control location with an annual mean concentration of 110 pCi/kg.

It is not unusual for Cs-137 to be present in vegetation. It is a constituent of nuclear weapons test fallout, nuclear plant accidents and has been observed in samples from indicator and control locations since 1999. Figure 3.5 displays the highest annual mean indicator and control location concentrations for Cs-137 in broadleaf vegetation from 1999 to 2024 and Table 3.5 lists these values. Visual inspection of the tabular data reveals a slight increasing trend in Cs-137 activity, but is well below the 50 percent reporting limit.

K-40 and Be-7 observed in broadleaf vegetation samples are naturally occurring radionuclides.

Figure 3.5

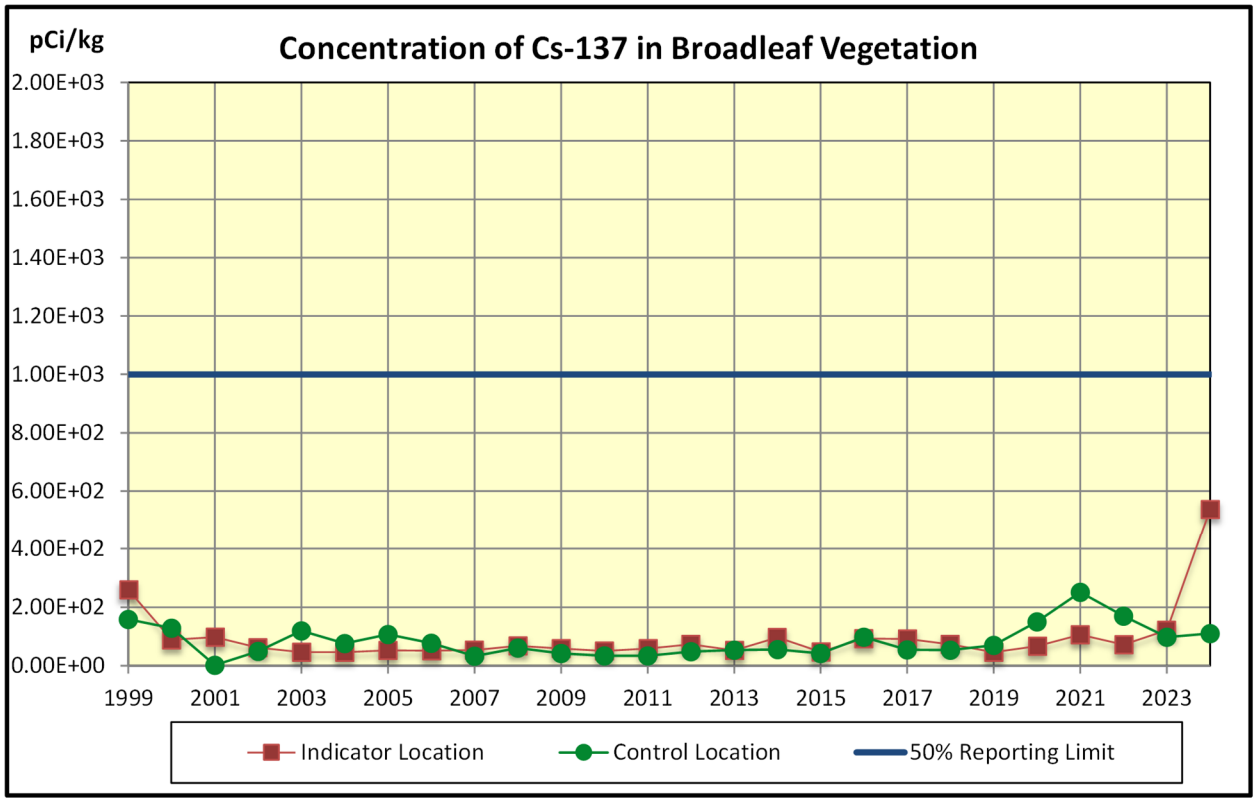

pCi/kg
Concentration of Cs-137 in Broadleaf Vegetation
2.00E+03
1.80E+03
1.60E+03
1.40E+03
1.20E+03
1.00E+03
8.00E+02
6.00E+02
4.00E+02
2.00E+02
0.00E+00
1999
2001
2003
2005
2007
2009
2011
2013
2015
2017
2019
2021
2023
Indicator Location
Control Location
50% Reporting Limit

Table 3.5 Mean Concentrations of Radionuclides in Broadleaf Vegetation (pCi/kg)

Year	Cs-137 Indicator Location	Cs-137 Control Location
1999	2.59E+2	1.58E+2
2000	8.86E+1	1.29E+2
2001	9.72E+1	1.53E+0
2002	6.15E+1	4.96E+1
2003	4.66E+1	1.19E+2
2004	4.66E+1	7.64E+1
2005	5.27E+1	1.07E+2
2006	5.11E+1	7.76E+1
2007	5.38E+1	3.25E+1
2008	6.76E+1	6.06E+1
2009	5.84E+1	4.22E+1
2010	8.02E+1	3.38E+1
2011	5.84E+1	3.41E+1
2012	7.32E+1	4.83E+1
2013	5.27E+1	5.31E+1
2014(1)	9.62E+1	5.51E+1
2015	4.68E+1	4.21E+1
2016	9.23E+1	9.72E+1
2017	9.12E+1	5.40E+1
2018	7.29E+1	5.34E+1
2019	4.60E+1	6.98E+1
2020	6.66E+1	1.50E+2
2021	1.06E+2	2.51E+2
2022	7.21E+1	1.70E+2
2023	1.21E+2	9.74E+1
2024	5.37E+2	1.10E+2

(1) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were observed due to the 2014 gamma spectroscopy system change.

3.6 FOOD PRODUCTS

Gamma spectroscopy was performed on 2 food product samples collected during the harvest season of 2024. One indicator location is sampled. There were no gamma emitting radionuclides due to HBRSEP plant operations identified in food product samples in 2024.

Be-7 and K-40 observed in food product samples are a naturally occurring radionuclides.

3.7 FISH

Gamma spectroscopy was performed on the edible portions of 12 fish samples during 2024. Two indicator locations and one control location were sampled. There were no other gamma emitting radionuclides due to HBRSEP plant operations identified in fish samples in 2024.

Figure 3.7 is a graph displaying the high annual means for Cs-137 from 1999 to 2024. Table 3.7 displays the highest annual mean indicator and control location concentrations for Cs-137 in fish from 1999 to 2024.

K-40 observed in fish samples is a naturally occurring radionuclide.

Figure 3.7

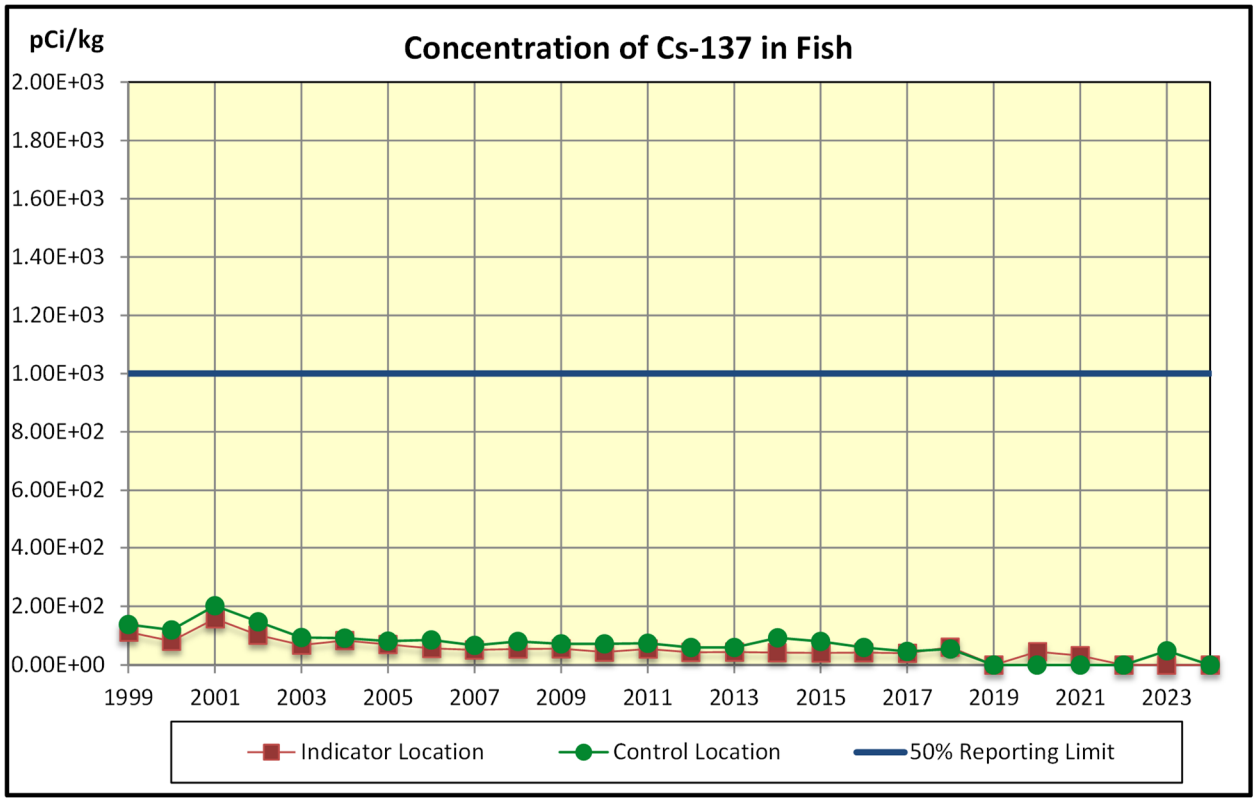


Table 3.7 Mean Concentrations of Radionuclides in Fish (pCi/kg)

Year	Cs-137 Indicator Location	Cs-137 Control Location
1999	1.13E+2	1.38E+2
2000	8.14E+1	1.20E+2
2001	1.58E+2	2.02E+2
2002	1.02E+2	1.48E+2
2003	6.87E+1	9.40E+1
2004	8.35E+1	9.16E+1
2005	7.00E+1	8.21E+1
2006	5.74E+1	8.56E+1
2007	5.15E+1	6.74E+1
2008	5.47E+1	8.04E+1
2009	5.59E+1	7.26E+1
2010	4.47E+1	7.28E+1
2011	5.52E+1	7.48E+1
2012	4.36E+1	5.97E+1
2013	4.47E+1	5.97E+1
2014(1)	4.24E+1	9.32E+1
2015	4.16E+1	8.04E+1
2016	4.24E+1	6.06E+1
2017	4.09E+1	4.70E+1
2018	6.07E+1	5.53E+1
2019	0.00E+0	0.00E+0
2020	4.58E+1	0.00E+0
2021	3.23E+1	0.00E+0
2022	0.00E+0	0.00E+0
2023	0.00E+0	4.84E+1
2024	0.00E+0	0.00E+0

0.00E+0 indicates no detectable measurements

(1) 2014 Gamma spectroscopy system was replaced 10JUL2014. Gamma spectroscopy system hardware, detector cooling apparatus, software, electronics, nuclide identification libraries, and analytical test matrix components for test matrices were modified (NCR # 0739995). No analytical changes were observed due to the 2014 gamma spectroscopy system change.

3.8 SHORELINE SEDIMENT

Gamma spectroscopy was performed on 2 sediment samples following the drying and removal of rocks and clams from the one indicator location during 2024. There were no gamma emitting radionuclides due to HBRSEP plant operations identified in the sediment sample in 2024. There is no control shoreline sediment location.

K-40 observed in the sediment samples is a naturally occurring radionuclide.

3.9 DIRECT GAMMA RADIATION

3.9.1 ENVIRONMENTAL TLD

Robinson is licensed with an exclusion area boundary and low population distance defined by UFSAR Section 1.2.1 as 1400 ft and 4.5 miles respectively. The exclusion distance is the distance from the reactor to the closest point on the boundary of the exclusion area defined in 10CFR100. The low population distance is the distance from the reactor to the boundary of the low population zone defined in 10CFR100. No permanent public access is permitted within the exclusion area.

Thermoluminescent dosimeters (TLD) were collected quarterly at forty-three locations, and Environmental TLD (Alpha & Bravo) dual placement was implemented for all HBRSEP ODCM TLD locations effective first quarter 2020. There are 25 locations, one or more in each meteorological sector, designated as "inner ring" placed at distances within one mile from the site and in the general area of the site boundary. Due to close proximity with HBRSEP, and most being within the exclusion area boundary, inner ring TLD locations are not good indicators of radiation exposure to a member of the public but are good at determining nearby environmental effects due to plant operation. Based on their placement, inner ring TLD locations are expected to occasionally be influenced by normal plant operation. There are 17 TLD locations, one or more in each meteorological sector, designated as "outer ring" placed at distances of 6 to 8 kilometers from the site as is reasonably accessible and practical. All outer ring TLD locations are used as indicators. The one "control" location is 24.4 miles ESE from station center. This location was chosen to reduce the probability of influence from HBRSEP operation on data. The control location is not used as background subtraction in the TLD analysis. Its purpose is to provide a comparison to indicator locations.

A gamma exposure rate was determined for each TLD. In 2024, 169 TLDs were analyzed, 165 at indicator locations and 4 at the control location. TLDs are collected and analyzed quarterly. Transit TLDs and laboratory background TLDs were used for determining transit and laboratory background dose and were subtracted from gross field readings as required by ANSI N545-1975. Figure 3.9 and Table 3.9 show TLD inner ring, outer ring, and control location annual averages in mR/Standard Quarter. Data is provided from 1999. As shown in the graph, historical inner and outer ring averages compare similarly, while control data is somewhat higher since the resurfacing of the parking lot at this location in 2018. Other differences among these locations are attributed to variations in soils, local geology, and are not the result of plant operations.

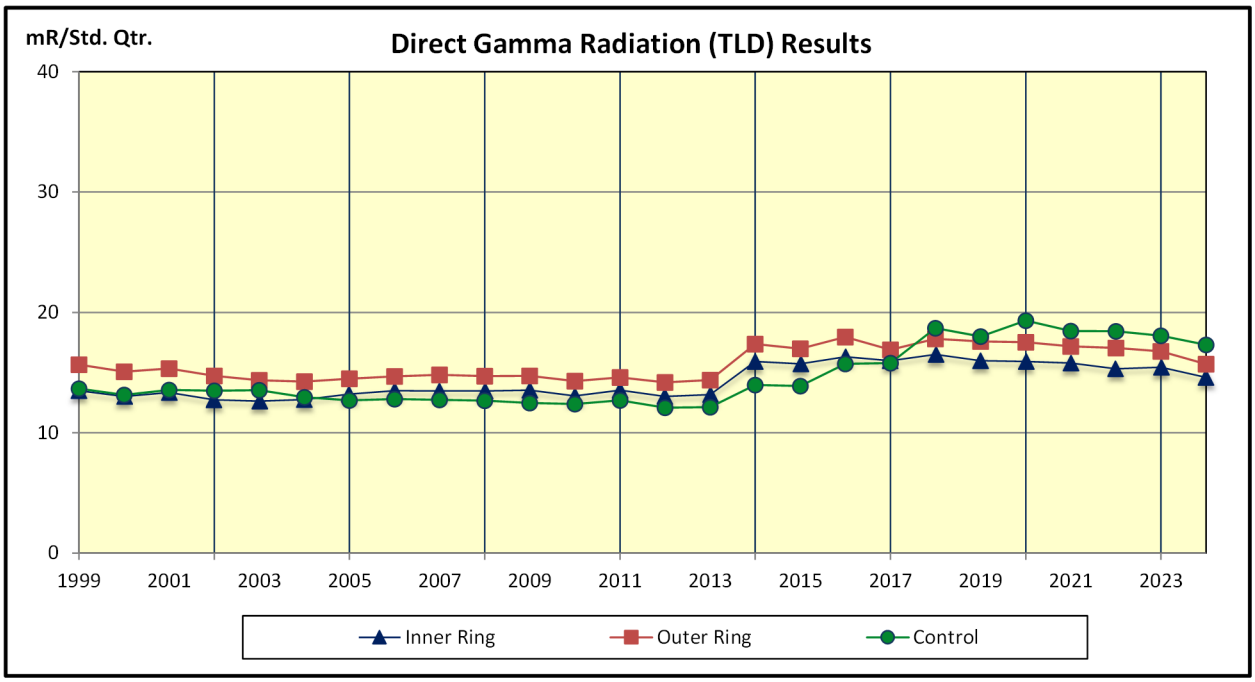
Quarterly, environmental ODCM TLD results are compared by location to its historical data to evaluate any significant changes. The comparison utilizes the location’s average exposure history to determine if quarterly results fall within expected low and high ranges and provides a reliable indication of potential changes occurring at a specific TLD location. The low and high ranges are determined by the historical average + three standard deviations. The quarterly TLD evaluation implements portions of American National Standard ANSI/HPS N13.37-2014, “Environmental Dosimetry – Criteria for System Design and Implementation, for environmental Thermoluminescent Dosimeters (TLD)”. The WP-

RP-ALL-0030 – Updated Radiological Environmental Monitoring Program TLD Analytical Method, describes the process implemented in late 2018 for the fleet TLD programs. TLD values identified as < Low Range or > High Range are evaluated in consideration of factors including possible TLD damage, sampling deviations, glow curve irregularities, and any known environmental location changes which may affect results. TLD results are found in Appendix E. There were no TLD values that exceeded the < Low Range or > High Range in 2024.

The environmental data on external radiation exposure for 2024 was essentially unchanged from 1999-2024, with an average exposure for all of 2024 indicator locations of 15.1 mR per standard quarter. The TLD location with the highest annual mean of 21.4 mR per standard quarter was location 37, which is located 5.00 miles WSW of the plant. Control TLD location 1 had an annual mean of 17.3 mR per std. quarter.

A TLD Intercomparison Program is conducted as part of the quality assurance program. Results of this program are included in Section 4.7.

Figure 3.9



There is no reporting level for Direct Radiation (TLD)

Table 3.9 Direct Gamma Radiation (TLD) Results

Year	Inner Ring Average (mR/Std. Qtr.)	Outer Ring Average (mR/Std. Qtr.)	Control Average (mR/Std. Qtr.)
1999	1.35E+1	1.57E+1	1.37E+1
2000	1.30E+1	1.51E+1	1.32E+1
2001	1.34E+1	1.53E+1	1.36E+1
2002	1.27E+1	1.47E+1	1.35E+1
2003	1.26E+1	1.44E+1	1.36E+1
2004	1.28E+1	1.43E+1	1.30E+1
2005	1.32E+1	1.45E+1	1.27E+1
2006	1.35E+1	1.47E+1	1.28E+1
2007	1.35E+1	1.48E+1	1.27E+1
2008	1.35E+1	1.47E+1	1.27E+1
2009	1.36E+1	1.47E+1	1.25E+1
2010	1.31E+1	1.43E+1	1.24E+1
2011	1.35E+1	1.46E+1	1.27E+1
2012	1.30E+1	1.42E+1	1.21E+1
2013	1.32E+1	1.44E+1	1.21E+1
2014[(1)]	1.59E+1	1.74E+1	1.40E+1
2015	1.57E+1	1.70E+1	1.39E+1
2016	1.63E+1	1.80E+1	1.57E+1
2017	1.60E+1	1.69E+1	1.58E+1
2018	1.65E+1	1.78E+1	1.87E+1
2019	1.60E+1	1.76E+1	1.80E+1
2020	1.59E+1	1.75E+1	1.93E+1
2021	1.59E+1	1.72E+1	1.85E+1
2022	1.53E+1	1.71E+1	1.84E+1
2023	1.54E+1	1.68E+1	1.81E+1
2024	1.46E+1	1.57E+1	1.73E+1

(1) As of first quarter 2014, the environmental TLDs utilized for the HBRSEP REMP were Harshaw TLDs, replacing Panasonic TLDs which were utilized prior to 2014 (NCR # 01982479).

3.10 LAND USE CENSUS

The 2024 HBRSEP Annual Land Use Census was conducted during the growing season on 7/15-7/17/2024 to meet the requirements of the HBRSEP ODCM 4.4.1. An Annual Land Use Census was conducted to identify within a distance of 8 kilometers (5.0 miles) from the plant and in each of the 16 meteorological sectors, the nearest residence, the nearest garden greater than 500 square feet or 50 square meters, producing broadleaf vegetables (fresh leafy vegetables), the nearest Milk-giving Animal (cow, goat, etc.), and the nearest meat animal (beef, hogs, etc.) was only identified at the nearest garden or closer in each sector. Poultry and egg laying animals were not classified as meat animals for the 2024 census.

Table 3.10 summarizes the HBRSEP 2024 census results. A map indicating identified locations is shown in Figure 3.10. The nearest residence is located in the SSE sector at 0.33 miles, and there were no milk locations identified during the performance of the land use census. No program changes were required based on the results of the census.

Table 3.10

HBRSEP Land Use Census Comparison (2023 – 2024)

Nearest Pathway (Miles)

SECTOR	RESIDENCE		GARDEN		MEAT ANIMAL[(1)]		MILK ANIMAL	
	2023	2024	2023	2024	2023	2024	2023	2024
North	2.51	2.51	3.82	3.20*	---	---	----	----
North-Northeast	1.53	1.53	2.13	3.48*	---	3.48*	----	----
Northeast	1.11	1.11	2.57	2.57	2.57	2.57	----	----
East-Northeast	0.85	0.85	0.96	0.96	---	---	----	----
East	0.90	0.90	2.09	2.09	---	---	----	----
East-Southeast	0.62	0.62	1.28	1.28	---	---	----	----
Southeast	0.38	0.38	3.63	3.75*	---	1.96*	----	----
South-Southeast	0.33	0.33	2.69	2.98*	---	---	----	----
South	0.44	0.44	2.26	2.33*	---	2.32*	----	----
South-Southwest	0.43	0.48*	4.11	2.17*	---	---	----	----
Southwest	0.44	0.44	2.02	2.06*	---	---	----	----
West-Southwest	0.44	0.44	0.88	0.88	---	---	----	----
West	0.56	0.56	0.70	0.88*	---	---	----	----
West-Northwest	0.57	0.57	4.54	4.54	---	---	----	----
Northwest	1.56	1.56	1.60	2.30*	---	---	----	----
North-Northwest	2.00	2.00	2.85	2.85	---	---	----	----

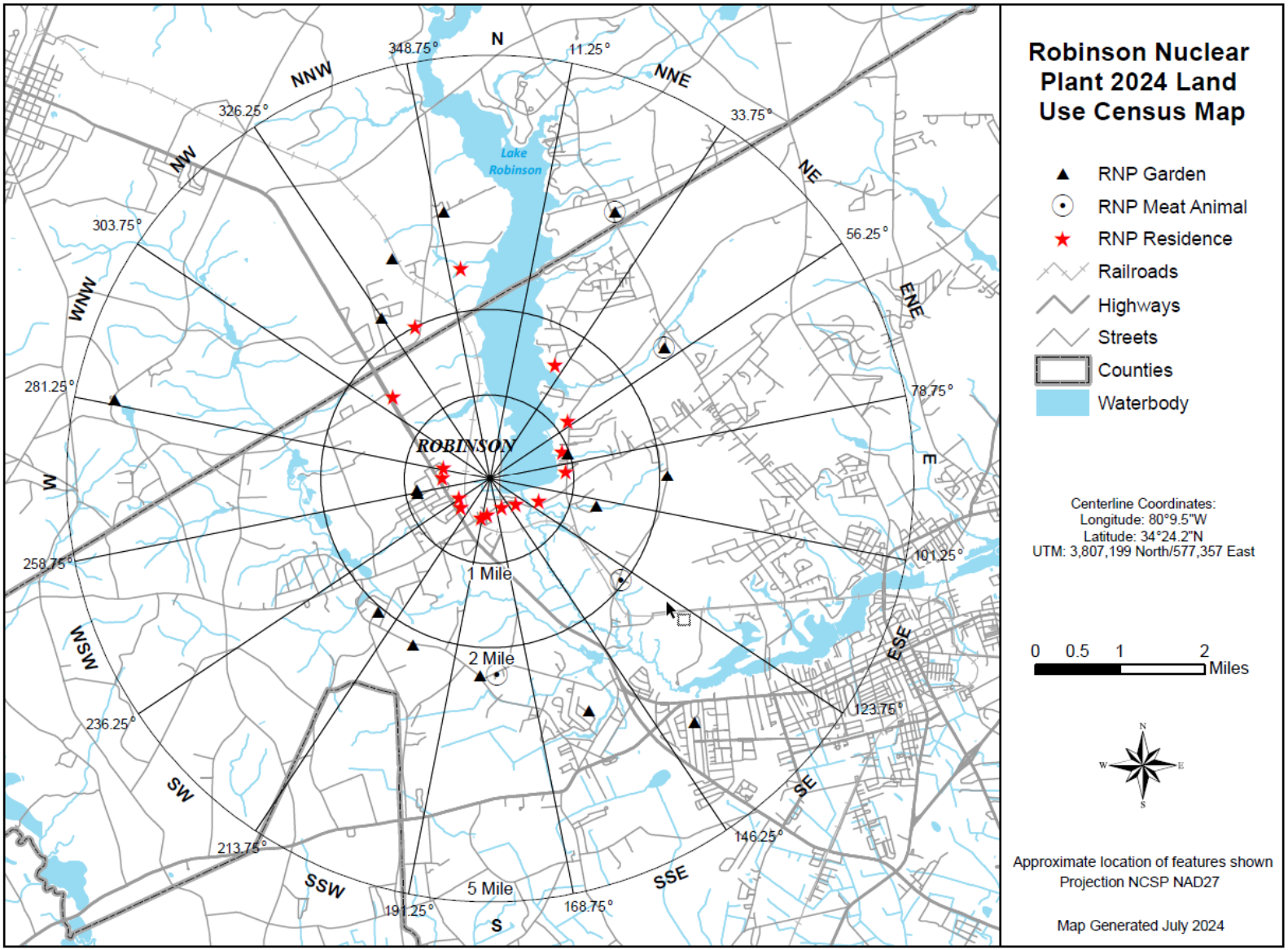
NOTE: Sector and distance determined by Global Positioning System.

(1) Meat animal was only identified at the nearest garden or closer in each sector.

* Represents a change from the previous year.

"----" indicates no occurrences within the 5 mile radius

Figure 3.10


Robinson Nuclear Plant 2024 Land Use Census Map
RNP Garden
RNP Meat Animal
RNP Residence
Railroads
Highways
Streets
Counties
Waterbody
Centerline Coordinates:
Longitude: 80°9.5"W
Latitude: 34°24.2"N
UTM: 3,807,199 North/577,357 East
0 0.5 1 2
Miles
Approximate location of features shown
Projection NCSP NAD27
Map Generated July 2024
N
NNE
NE
ENE
E
ESE
SE
SSE
S
SSW
SW
WSW
W
WNW
NW
NNW
348.75°
11.25°
33.75°
56.25°
78.75°
101.25°
123.75°
146.25°
168.75°
191.25°
213.75°
236.25°
258.75°
281.25°
303.75°
326.25°
Lake Robinson
ROBINSON
1 Mile
2 Mile
5 Mile

4.0 QUALITY ASSURANCE

4.1 SAMPLE COLLECTION

HBRSEP Chemistry and the Environmental Services performed the environmental sample collections as specified by approved sample collection procedures.

4.2 SAMPLE ANALYSIS

EnRad Laboratories performed the environmental sample analyses as specified by approved analysis procedures. EnRad Laboratories is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.3 DOSIMETRY ANALYSIS

The Dosimetry and Records group performed the environmental dosimetry measurements as specified by approved dosimetry analysis procedures. The Dosimetry and Records Laboratory is in Huntersville, North Carolina, at Duke Energy's Environmental Center.

4.4 LABORATORY EQUIPMENT QUALITY ASSURANCE

4.4.1 DAILY QUALITY CONTROL

EnRad Laboratories has an internal quality assurance program which monitors each type of instrumentation for reliability and accuracy. Daily quality control checks ensure that instruments are in proper working order and these checks are used to monitor instrument performance.

4.4.2 CALIBRATION VERIFICATION

National Institute of Standards and Technology (NIST) standards that represent counting geometries are analyzed as unknowns at various frequencies ranging from weekly to annually to verify that efficiency calibrations are valid. The frequency is dependent upon instrument use and performance. Investigations are performed and documented should calibration verification data fall outside of the acceptable limits.

4.4.3 BATCH PROCESSING

Method quality control samples are analyzed with sample analyses that are processed in batches. This includes tritium analyses in surface water samples.

4.5 DUKE ENERGY INTERLABORATORY COMPARISON PROGRAM

In 2024 Duke Energy Environmental Laboratory (EnRad) participated in interlaboratory programs to satisfy Radiological Environmental Monitoring Program requirements in Duke Energy nuclear plant Offsite Dose Calculation Manuals and Selected Licensee Commitments Manuals, as applicable.

EnRad Laboratory participated in an interlaboratory program with Eckert & Ziegler Analytics (EZA) in 2024. EZA results were evaluated against the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. All regulatory requirements continue to be met by the EZA Cross Check Program.

4.5.1 ECKERT & ZIEGLER ANALYTICS CROSS CHECK PROGRAM

EZA mixed gamma in liquid, mixed gamma in vegetation, mixed gamma in soil, low-level I-131 in liquid, mixed gamma air filter composites, I-131 air cartridges, gross beta in water, gross beta in filters, and tritium in water were analyzed at various times of the year at EnRad Laboratories. A summary of the applicable REMP EnRad Laboratory program results for 2024 is documented in Table 4.0-A.

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria.

4.6 SPLIT COMPARISON PROGRAM

HBRSEP routinely participates in an environmental sample intercomparison program. Program elements include sampling frequency and analysis for surface water, fish, broadleaf vegetation, and shoreline sediment samples that have been collected. Samples are routinely split with a vendor laboratory for intercomparison.

4.7 TLD INTERCOMPARISON PROGRAM

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimeters quarterly using the NIST-traceable Hopewell and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria. A summary of the 2024 Internal Cross Check (Duke Energy) Program is documented in Table 4.0-B.

TABLE 4.0-A

ECKERT & ZIEGLER ANALYTICS

CROSS CHECK PROGRAM

2024 Cross Check Results for EnRad Laboratories

Interlaboratory cross check samples from EZA were received and analyzed in two of the four quarters of 2024. Results are reported directly to Eckert & Ziegler Analytics. Environmental cross check samples were analyzed in replicate, and the result closest to the mean is reported to Eckert & Ziegler Analytics. The acceptance criteria for the program was based on the NRC Inspection Manual Procedure 84525 (IP 84525) acceptance criteria stated in EnRad Procedure 515, Cross Check Program Administration. Table 4.0-A lists the performance for specific samples. Forty nuclide results were reported to EZA of which 100% met the acceptance criteria based.

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Beta Filter in Planchet	E13975	Cs-137	2	pCi	222	232	0.96	Agreement
I-131 in Charcoal Cartridge	E13973	I-131	2	pCi	88.0	91.5	0.96	Agreement
Gamma in Soil	E13974	Ce-141	2	pCi/g	0.0818	0.0632	1.29	Agreement
		Co-60	2	pCi/g	0.599	0.659	0.91	Agreement
		Cr-51	2	pCi/g	0.407	0.491	0.83	Agreement
		Cs-134	2	pCi/g	0.376	0.408	0.92	Agreement
		Cs-137	2	pCi/g	0.403	0.451	0.89	Agreement
		Fe-59	2	pCi/g	0.269	0.293	0.92	Agreement
		Mn-54	2	pCi/g	0.322	0.344	0.94	Agreement
		Zn-65	2	pCi/g	0.159	0.167	0.95	Agreement
Gamma in Simulated Vegetation	E13981	Ce-141	3	pCi/g	0.236	0.226	1.05	Agreement
		Co-58	3	pCi/g	0.283	0.272	1.04	Agreement
		Co-60	3	pCi/g	0.446	0.429	1.04	Agreement
		Cr-51	3	pCi/g	0.486	0.499	0.97	Agreement
		Cs-134	3	pCi/g	0.312	0.341	0.92	Agreement
		Cs-137	3	pCi/g	0.238	0.232	1.03	Agreement
		Fe-59	3	pCi/g	0.214	0.207	1.04	Agreement
		Mn-54	3	pCi/g	0.298	0.294	1.01	Agreement
		Zn-65	3	pCi/g	0.524	0.501	1.05	Agreement

TABLE 4.0-A (Cont.)

Sample	Sample ID	Nuclide	Quarter	Units	EnRad Value	EZA Value	EnRad/EZA Ratio	Evaluation
Gamma in Composite Filter	E13979	Ce-141	3	pCi	90.7	86.1	1.05	Agreement
		Co-58	3	pCi	107	104	1.03	Agreement
		Co-60	3	pCi	169	164	1.03	Agreement
		Cr-51	3	pCi	200	191	1.05	Agreement
		Cs-134	3	pCi	124	130	0.95	Agreement
		Cs-137	3	pCi	94.7	88.6	1.07	Agreement
		Fe-59	3	pCi	81.0	78.9	1.03	Agreement
		Mn-54	3	pCi	118	112	1.05	Agreement
		Zn-65	3	pCi	209	191	1.09	Agreement
Gamma in Water	E13980	Ce-141	3	pCi/L	147	129	1.14	Agreement
		Co-58	3	pCi/L	162	156	1.04	Agreement
		Co-60	3	pCi/L	258	246	1.05	Agreement
		Cr-51	3	pCi/L	291	287	1.02	Agreement
		Cs-134	3	pCi/L	189	195	0.97	Agreement
		Cs-137	3	pCi/L	142	133	1.07	Agreement
		Fe-59	3	pCi/L	133	119	1.12	Agreement
		Mn-54	3	pCi/L	183	169	1.08	Agreement
		Zn-65	3	pCi/L	318	288	1.11	Agreement
Milk LLI-131	E13976	I-131	2	pCi/L	93.2	90.0	1.04	Agreement
Gross Beta in Water	E13978	Cs-137	2	pCi/L	272	292	0.93	Agreement
Tritium in Water	E13982	H-3	3	pCi/L	1.42E+04	1.45E+04	0.98	Agreement

TABLE 4.0-B

2024 ENVIRONMENTAL DOSIMETER

CROSS CHECK RESULTS

Internal Crosscheck (Duke Energy

Radiation Dosimetry and Records participates in a quarterly TLD internal comparison program administered internally by the Dosimetry Lab. The Dosimetry Lab Staff irradiates environmental dosimetry quarterly and submits them for analysis of the unknown estimated delivered exposure. The TLD results were evaluated against Radiation Dosimetry and Records Procedure RD/0/B/2000/09, Harshaw TLD Dose Algorithm Verification. Forty TLD results were evaluated of which forty (100%) met the acceptance criteria.

1st Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100181	55.60	55.58	0.04	<+/-20%	Pass
100846	53.18	55.58	-4.32	<+/-20%	Pass
102937	59.62	55.58	7.27	<+/-20%	Pass
100847	53.86	55.58	-3.09	<+/-20%	Pass
101382	54.43	55.58	-2.07	<+/-20%	Pass
100945	54.12	55.58	-2.63	<+/-20%	Pass
101232	55.07	55.58	-0.92	<+/-20%	Pass
100148	53.84	55.58	-3.13	<+/-20%	Pass
100734	53.03	55.58	-4.59	<+/-20%	Pass
101019	54.70	55.58	-1.58	<+/-20%	Pass
		Average Bias (B)	-1.50		
		Standard Deviation (S)	3.40		
		Measure Performance |B|+S	4.90	<20%	Pass

2nd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
100755	17.91	18.47	-3.03	<+/-20%	Pass
100757	18.62	18.47	0.81	<+/-20%	Pass
100760	18.07	18.47	-2.17	<+/-20%	Pass
100740	18.43	18.47	-0.22	<+/-20%	Pass
100762	18.16	18.47	-1.68	<+/-20%	Pass
100867	18.44	18.47	-0.16	<+/-20%	Pass
100775	18.72	18.47	1.35	<+/-20%	Pass
100768	18.42	18.47	-0.27	<+/-20%	Pass
100763	18.55	18.47	0.43	<+/-20%	Pass
100759	18.25	18.47	-1.19	<+/-20%	Pass
		Average Bias (B)	-0.61		
		Standard Deviation (S)	1.38		
		Measure Performance |B|+S	1.99	<20%	Pass

3rd Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
103630	63.62	55.11	15.44	<+/-20%	Pass
100358	56.86	55.11	3.18	<+/-20%	Pass
103024	63.29	55.11	14.84	<+/-20%	Pass
104549	56.55	55.11	2.61	<+/-20%	Pass
103354	61.48	55.11	11.56	<+/-20%	Pass
102759	62.68	55.11	13.74	<+/-20%	Pass
103631	61.82	55.11	12.18	<+/-20%	Pass
102211	59.92	55.11	8.73	<+/-20%	Pass
103762	61.29	55.11	11.21	<+/-20%	Pass
103381	60.48	55.11	9.74	<+/-20%	Pass
		Average Bias (B)	10.32		
		Standard Deviation (S)	4.44		
		Measure Performance |B|+S	14.76	<20%	Pass

4th Quarter 2024

TLD Number	Reported (mR)	Delivered (mR)	Bias (% diff)	Pass/Fail Criteria	Pass/Fail
104277	39.21	40.13	-2.29	<+/-20%	Pass
103273	43.04	40.13	7.25	<+/-20%	Pass
104821	39.65	40.13	-1.20	<+/-20%	Pass
103069	43.14	40.13	7.50	<+/-20%	Pass
103440	41.48	40.13	3.36	<+/-20%	Pass
103504	43.11	40.13	7.43	<+/-20%	Pass
102427	42.39	40.13	5.63	<+/-20%	Pass
103063	42.69	40.13	6.38	<+/-20%	Pass
102962	41.68	40.13	3.86	<+/-20%	Pass
104115	38.22	40.13	-4.76	<+/-20%	Pass
		Average Bias (B)	3.32		
		Standard Deviation (S)	4.50		
		Measure Performance |B|+S	7.81	<20%	Pass

APPENDIX A

ENVIRONMENTAL SAMPLING
&
ANALYSIS PROCEDURES

APPENDIX A

ENVIRONMENTAL SAMPLING AND ANALYSIS PROCEDURES

Adherence to established procedures for sampling and analysis of environmental media at the H. B. Robinson Steam Electric Plant, Unit No. 2 (HBRSEP) is required to ensure compliance with the HBRSEP Off-Site Dose Calculation Manual (ODCM). Analytical procedures were employed to ensure that the ODCM detection capabilities were achieved.

Environmental sampling was performed by HBRSEP Station Sciences and Environmental Services. Environmental analyses were performed by EnRad Laboratories and Dosimetry and Records.

This appendix provides a description of the specific analyses performed on samples collected in the field. Changes to the sampling procedures and analyses procedures are also discussed in the section. All analytical procedures listed in this section may not apply to the REMP.

I. CHANGE OF SAMPLING PROCEDURES

There were no changes to H. B. Robinson Steam Electric Plant sampling procedures implemented during 2024.

II. DESCRIPTION OF ANALYSIS PROCEDURES

Gamma spectroscopy analyses are performed using high purity germanium gamma detectors and Mirion analytical software. Designated sample volumes are transferred to appropriate counting geometries and analyzed by gamma spectroscopy. Perishable samples such as fish and broadleaf vegetation are ground to achieve a homogeneous mixture. Soils and sediments are dried, sifted to remove foreign objects (rocks, clams, glass, etc.) and then transferred to appropriate counting geometry.

Low-level iodine analyses are performed by passing a designated sample aliquot through a pre-determined amount of ion exchange resin to remove and concentrate any iodine in the aqueous sample (milk). The resin is then dried and mixed thoroughly, before being transferred to appropriate counting geometry and analyzed by gamma spectroscopy.

Tritium analyses are performed by using low-level environmental liquid scintillation analysis technique on a Perkin-Elmer 4910TR liquid scintillation system or a Perkin-Elmer 3110TR liquid scintillation system. Tritium samples are distilled, and batch processed with a laboratory fortified blank, matrix spike, matrix spike duplicate, and blank to verify instrument performance and sample preparation technique are acceptable.

Gross beta analysis of air filters is performed by analyzing filters on Tennelec XLB Series 5 gas-flow proportional counters. Samples are batch processed with a blank to ensure sample contamination has not occurred.

Gross beta analysis of liquid samples is performed by concentrating a designated aliquot of sample and analyzing by Perkin-Elmer 4910TR liquid scintillation system. Samples are batch processed with a laboratory fortified blank and a blank to verify instrument performance and to ensure sample contamination has not occurred.

III. CHANGE OF ANALYSIS PROCEDURES

A change was made to the gamma spectroscopy Analysis Sequence File used by the Mirion analytical software. The option of using the 95% critical level test was implemented in October 2024 in the Analysis Sequence File as recommended by Mirion and to be consistent with the Duke Energy nuclear fleet countrooms.

APPENDIX B

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM

SUMMARY OF RESULTS

2024

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 (HBRSEP)
RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

H. B. Robinson Steam Electric Plant, Unit No. 2 — Docket Numbers: 50-261
Darlington County, South Carolina — Calendar Year: 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations[2][3] Mean Range	Location w/Highest Annual Mean: Name, Distance, and Direction	Location w/Highest Annual Mean: Mean Range[2][3]	Control Locations Mean Range[2][3]	No. of Non-Routine Report Meas.
Air Particulate (pCi/m^3)	Gross Beta 260[4]	See Table 2.2-C	1.99E-02 (208/208) 8.20E-03 – 4.23E-02	6 (0.20 mi SSW)	2.09E-02 (52/52) 9.96E-03 – 4.23E-02	1 (24.4 mi ESE) 1.98E-02 (52/52) 9.25E-03 – 3.62E-02	0
	Gamma 20[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Air Radioiodine (pCi/m^3)	Gamma 260[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
Surface Water (pCi/l)	Gamma 24[4]	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
	Tritium 24[4]	See Table 2.2-C	3.41E+03 (12/12) 5.33E+02 – 7.61E+03	40 (0.60 mi ESE)	3.41E+03 (12/12) 5.33E+02 – 7.61E+03	All less than LLD	0
Ground Water (pCi/l)	Gamma 4	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
	Tritium 4	See Table 2.2-C	All less than LLD	-----	-----	No Control	0
Food Products (pCi/l)	Gamma 2	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2 (HBRSEP)

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM DATA SUMMARY

H. B. Robinson Steam Electric Plant, Unit No. 2 — Docket Numbers: 50-261
Darlington County, South Carolina — Calendar Year: 2024

Medium or Pathway Sampled or Measured (Unit of Measurement)	Type and Total No. of Measurements Performed	Lower Limit of Detection (LLD)[1]	All Indicator Locations[2] [3] Mean Range	Location w/Highest Annual Mean: Name, Distance, and Direction	Location w/Highest Annual Mean: Mean Range[2] [3]	Control Locations Mean Range[2] [3]	No. of Non-Routine Report Meas.
Broadleaf Vegetation (pCi/kg, wet)	Gamma 18	See Table 2.2-C	-----	-----	-----	-----	0
	Cs-137	See Table 2.2-C	5.22E+01 (6/12) 3.96E+01 – 7.09E+01	86 (0.0 mi NNE)	5.37E+02 (5/6) 3.96E+01 – 7.09E+01	52 (10 mi W) 1.10E+02 (6/6) 6.65E+01 – 1.53E+02	
Fish (pCi/kg, wet)	Gamma 12	See Table 2.2-C	All less than LLD	-----	-----	-----	0
Sediments--Shoreline (pCi/kg, dry)	Gamma 2	See Table 2.2-C	All less than LLD	-----	-----	All less than LLD	0
TLD (mR per quarter)[5]	TLD Readout 169[4]	-----	1.51E+01 (165/165) 9.57E+02 – 2.41E+01	37 (5.00 mi WSW)	2.14E+01 (4/4) 1.95E+01 – 2.41E+01	1 (24.4 mi ESE) 1.73E+01 (4/4) 1.63E+01 – 1.96E+01	0

Footnotes to Appendix B

1. The Lower Limit of Detection (LLD) is the smallest concentration of radioactive material in a sample that will yield a net count above system background which will be detected with 95 percent probability and with only 5 percent probability of falsely concluding that a blank observation represents a "real" signal. Due to counting statistics and varying volumes, occasionally lower LLDs are achieved. Refer to Section 2.3.2 for an explanation of how LLD values were derived.

2. Mean and range are based on detectable measurements only.

3. The fractions of all samples with detectable activities at specific locations are indicated in parentheses.

4. Missing samples or surveillances are discussed in Appendix C or Appendix D.

5. TLD exposure is reported in milliroentgen (mR) per standard quarter (91 days).

APPENDIX C

SAMPLING DEVIATIONS
&
UNAVAILABLE ANALYSES

APPENDIX C

H. B. ROBINSON NUCLEAR PLANT
SAMPLING DEVIATIONS & UNAVAILABLE ANALYSES

DEVIATION & UNAVAILABLE REASON CODES			
BF	Blown Fuse	PM	Preventive Maintenance
CN	Construction	PO	Power Outage
FZ	Sample Frozen	PS	Pump out of service / Undergoing repair
IV	Insufficient Volume	SL	Sample Loss/Lost due to Lab Accident
IW	Inclement Weather	SM	Motor / Rotor Seized
LC	Line Clog to Sampler	SU	Seasonally Unavailable
OT	Other	TF	Torn Filter
PI	Power Interrupt	VN	Vandalism

C.1 SAMPLING DEVIATIONS

Air Particulate and Air Radioiodine

REMP weekly air samples (Air Particulate (AP) or Air Radioiodine (AR)) that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." However, the sample is counted and the data reported, whereas a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The air samplers operated for a total of 99.71% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
6	1/10 – 1/17/2024	PI	24.69 hours downtime due to unknown power interrupt.	NCR # 02501190
5	2/27 – 3/5/2024	PO	1.35 hours downtime due to unknown power outage.	NCR # 02507156
6	4/30 – 5/7/2024	PI	0.25 hours downtime due to power interrupt from storm.	NCR # 02515341
1	5/28 – 6/4/2024	PI	1.23 hours downtime due to unknown power interrupt.	NCR # 02518216
5	7/9 – 7/16/2024	PO	91.7 hours downtime due to power outage from storm.	NCR # 02522523
5	7/16 – 7/23/2024	PI	1.58 hours downtime due to power interrupt from storm.	NCR # 02522769
5	8/5 – 8/13/2024	PI	0.57 hours downtime due to unknown power interrupt.	NCR # 02525059
5	9/23 – 9/30/2024	PO	4.69 hours downtime due to power outage from Hurricane Helene.	NCR # 02530335
1	9/23 – 9/30/2024	PO	1.70 hours downtime due to power outage from Hurricane Helene.	NCR # 02530335

Surface Water

REMP monthly surface water (SW) samples that experience any downtime during a surveillance period are reported as a Deviation and classified as a "Sampling Deviation." The sample is counted and the data reported; whereas, a Deviation with no available sample is classified as an "Unavailable Analyses" and does not have any data reported. The Robinson REMP water samplers operated for a total of 95.28% availability in 2024.

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
41	6/25 – 7/30/2024	PO	842.8 hours downtime due to power outage due to damage electrical outlet. Outlet was repaired, power was restored.	NCR # 02523498

C.2 UNAVAILABLE ANALYSES

Direct Gamma Radiation (TLD)

Location	Scheduled Collection Dates	Code	Description & Action to Prevent Recurrence	Corrective Action
9	4/10 – 7/9/2024	OT	The Alpha TLD and Bravo TLD were missing at the time of collection.	NCR # 02521905
13	7/8 – 10/9/2024	VN	The Alpha TLD and Bravo TLD were missing at the time of collection.	NCR # 02531623
11	10/9 – 1/9/2025	VN	The Alpha TLD and Bravo TLD were missing at the time of collection.	NCR # 02540280

APPENDIX D

ANALYTICAL DEVIATIONS

No Analytical deviations were incurred for the
2024 Radiological Environmental Monitoring Program

APPENDIX E

RADIOLOGICAL ENVIRONMENTAL MONITORING PROGRAM RESULTS

2024

This appendix includes sample analysis report summaries and supportive data generated from each sample medium for 2024

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Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602898	1/2/2024 - 1/10/2024	Beta	2.06E-02	2.74E-03	2.66E-03
603705	1/10/2024 - 1/17/2024	Beta	2.54E-02	2.93E-03	2.70E-03
603923	1/17/2024 - 1/22/2024	Beta	2.60E-02	4.10E-03	4.27E-03
604177	1/22/2024 - 1/30/2024	Beta	9.25E-03	1.97E-03	2.44E-03
604492	1/30/2024 - 2/6/2024	Beta	1.61E-02	2.94E-03	3.50E-03
604761	2/6/2024 - 2/13/2024	Beta	1.21E-02	2.45E-03	2.78E-03
605100	2/13/2024 - 2/20/2024	Beta	2.16E-02	3.05E-03	3.06E-03
606224	2/20/2024 - 2/27/2024	Beta	2.17E-02	3.17E-03	3.38E-03
607106	2/27/2024 - 3/5/2024	Beta	1.56E-02	2.78E-03	3.14E-03
607630	3/5/2024 - 3/12/2024	Beta	1.16E-02	2.68E-03	3.46E-03
608876	3/12/2024 - 3/19/2024	Beta	2.05E-02	3.14E-03	3.46E-03
609289	3/19/2024 - 3/26/2024	Beta	2.02E-02	2.77E-03	2.87E-03
609476	3/26/2024 - 4/2/2024	Beta	2.36E-02	3.14E-03	3.02E-03
610025	1/2/2024 - 4/2/2024	Cs-134	<1.66E-03	0.00E+00	1.66E-03
		Cs-137	<1.21E-03	0.00E+00	1.21E-03
		Be-7	1.01E-01	3.28E-02	3.59E-02
		K-40	3.00E-02	1.79E-02	2.18E-02
609894	4/2/2024 - 4/9/2024	Beta	1.54E-02	2.40E-03	2.54E-03
610338	4/9/2024 - 4/16/2024	Beta	1.93E-02	2.99E-03	3.19E-03
610900	4/16/2024 - 4/23/2024	Beta	2.43E-02	3.19E-03	3.05E-03
611158	4/23/2024 - 4/30/2024	Beta	2.60E-02	2.92E-03	2.59E-03
611488	4/30/2024 - 5/7/2024	Beta	1.66E-02	2.84E-03	3.13E-03
611743	5/7/2024 - 5/15/2024	Beta	1.68E-02	2.64E-03	2.89E-03
612253	5/15/2024 - 5/21/2024	Beta	1.20E-02	2.62E-03	3.30E-03
612522	5/21/2024 - 5/28/2024	Beta	1.78E-02	2.58E-03	2.71E-03
612683	5/28/2024 - 6/4/2024	Beta	2.01E-02	3.10E-03	3.36E-03
613527	6/4/2024 - 6/11/2024	Beta	1.90E-02	3.08E-03	3.43E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614047	6/11/2024 - 6/18/2024	Beta	2.44E-02	3.17E-03	3.04E-03
614284	6/18/2024 - 6/25/2024	Beta	1.37E-02	2.71E-03	3.24E-03
614447	6/25/2024 - 7/2/2024	Beta	1.45E-02	2.49E-03	2.90E-03
614771	4/2/2024 - 7/2/2024	Cs-134	<1.64E-03	0.00E+00	1.64E-03
		Cs-137	<1.58E-03	0.00E+00	1.58E-03
		Be-7	1.63E-01	3.85E-02	3.24E-02
		K-40	<3.87E-02	0.00E+00	3.87E-02
614652	7/2/2024 - 7/9/2024	Beta	1.74E-02	3.13E-03	3.77E-03
614957	7/9/2024 - 7/16/2024	Beta	1.81E-02	3.00E-03	3.43E-03
615612	7/16/2024 - 7/23/2024	Beta	1.25E-02	2.72E-03	3.42E-03
616328	7/23/2024 - 7/30/2024	Beta	1.50E-02	2.47E-03	2.77E-03
616471	7/30/2024 - 8/5/2024	Beta	1.33E-02	3.08E-03	3.92E-03
616999	8/5/2024 - 8/13/2024	Beta	1.79E-02	2.67E-03	2.83E-03
617235	8/13/2024 - 8/20/2024	Beta	2.83E-02	3.14E-03	2.92E-03
617852	8/20/2024 - 8/26/2024	Beta	1.80E-02	3.26E-03	3.77E-03
618162	8/26/2024 - 9/3/2024	Beta	1.57E-02	2.56E-03	2.86E-03
618391	9/3/2024 - 9/10/2024	Beta	1.39E-02	2.52E-03	2.97E-03
619226	9/10/2024 - 9/17/2024	Beta	1.74E-02	2.67E-03	3.02E-03
619736	9/17/2024 - 9/23/2024	Beta	1.78E-02	3.24E-03	3.60E-03
619882	9/23/2024 - 9/30/2024	Beta	2.92E-02	3.16E-03	2.94E-03
620424	7/2/2024 - 9/30/2024	Cs-134	<1.50E-03	0.00E+00	1.50E-03
		Cs-137	<1.71E-03	0.00E+00	1.71E-03
		Be-7	1.15E-01	3.45E-02	3.51E-02
		K-40	4.29E-02	1.95E-02	1.88E-02
620312	9/30/2024 - 10/8/2024	Beta	2.49E-02	3.02E-03	2.89E-03
620636	10/8/2024 - 10/15/2024	Beta	2.94E-02	3.41E-03	3.05E-03
621200	10/15/2024 - 10/22/2024	Beta	1.72E-02	2.61E-03	2.85E-03
621600	10/22/2024 - 10/29/2024	Beta	3.62E-02	3.41E-03	2.84E-03
621952	10/29/2024 - 11/4/2024	Beta	2.14E-02	3.07E-03	3.21E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
622220	11/4/2024 - 11/11/2024	Beta	1.43E-02	2.57E-03	3.08E-03
622569	11/11/2024 - 11/19/2024	Beta	2.33E-02	2.57E-03	2.34E-03
622858	11/19/2024 - 11/25/2024	Beta	2.23E-02	3.22E-03	3.41E-03
623189	11/25/2024 - 12/3/2024	Beta	3.15E-02	3.41E-03	3.05E-03
624022	12/3/2024 - 12/10/2024	Beta	3.22E-02	3.58E-03	3.25E-03
624548	12/10/2024 - 12/17/2024	Beta	2.32E-02	3.14E-03	2.95E-03
624663	12/17/2024 - 12/23/2024	Beta	1.41E-02	3.17E-03	4.08E-03
624978	12/23/2024 - 12/31/2024	Beta	2.17E-02	2.82E-03	2.70E-03
625288	9/30/2024 - 12/31/2024	Cs-134	<1.38E-03	0.00E+00	1.38E-03
		Cs-137	<1.91E-03	0.00E+00	1.91E-03
		Be-7	8.97E-02	3.80E-02	4.82E-02
		K-40	2.36E-02	1.57E-02	1.89E-02

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602899	1/2/2024 - 1/10/2024	Beta	2.32E-02	2.85E-03	2.66E-03
603706	1/10/2024 - 1/17/2024	Beta	2.56E-02	2.95E-03	2.70E-03
603924	1/17/2024 - 1/22/2024	Beta	2.45E-02	3.94E-03	4.16E-03
604178	1/22/2024 - 1/30/2024	Beta	9.65E-03	2.02E-03	2.49E-03
604493	1/30/2024 - 2/6/2024	Beta	1.33E-02	2.79E-03	3.50E-03
604762	2/6/2024 - 2/13/2024	Beta	9.23E-03	2.26E-03	2.77E-03
605101	2/13/2024 - 2/20/2024	Beta	1.84E-02	2.89E-03	3.06E-03
606225	2/20/2024 - 2/27/2024	Beta	1.93E-02	3.06E-03	3.39E-03
607107	2/27/2024 - 3/5/2024	Beta	1.61E-02	2.79E-03	3.12E-03
607631	3/5/2024 - 3/12/2024	Beta	1.04E-02	2.64E-03	3.50E-03
608877	3/12/2024 - 3/19/2024	Beta	2.00E-02	3.12E-03	3.45E-03
609290	3/19/2024 - 3/26/2024	Beta	1.77E-02	2.62E-03	2.82E-03
609477	3/26/2024 - 4/2/2024	Beta	2.27E-02	3.12E-03	3.05E-03
610026	1/2/2024 - 4/2/2024	Cs-134	<1.24E-03	0.00E+00	1.24E-03
		Cs-137	<1.18E-03	0.00E+00	1.18E-03
		Be-7	9.81E-02	3.43E-02	4.09E-02

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
610026	1/2/2024 - 4/2/2024	K-40	<3.22E-02	0.00E+00	3.22E-02
609895	4/2/2024 - 4/9/2024	Beta	1.51E-02	2.40E-03	2.58E-03
610339	4/9/2024 - 4/16/2024	Beta	1.88E-02	2.97E-03	3.21E-03
610901	4/16/2024 - 4/23/2024	Beta	2.18E-02	3.06E-03	3.04E-03
611159	4/23/2024 - 4/30/2024	Beta	2.47E-02	2.87E-03	2.61E-03
611489	4/30/2024 - 5/7/2024	Beta	1.40E-02	2.69E-03	3.11E-03
611744	5/7/2024 - 5/15/2024	Beta	1.51E-02	2.57E-03	2.90E-03
612254	5/15/2024 - 5/21/2024	Beta	1.06E-02	2.55E-03	3.30E-03
612523	5/21/2024 - 5/28/2024	Beta	1.50E-02	2.44E-03	2.72E-03
612684	5/28/2024 - 6/4/2024	Beta	1.80E-02	2.94E-03	3.28E-03
613528	6/4/2024 - 6/11/2024	Beta	1.65E-02	2.97E-03	3.46E-03
614048	6/11/2024 - 6/18/2024	Beta	2.17E-02	3.05E-03	3.05E-03
614285	6/18/2024 - 6/25/2024	Beta	1.54E-02	2.80E-03	3.24E-03
614448	6/25/2024 - 7/2/2024	Beta	1.48E-02	2.50E-03	2.89E-03
614772	4/2/2024 - 7/2/2024	Cs-134	<1.78E-03	0.00E+00	1.78E-03
		Cs-137	<1.94E-03	0.00E+00	1.94E-03
		Be-7	1.35E-01	4.50E-02	5.61E-02
		K-40	<3.74E-02	0.00E+00	3.74E-02
614653	7/2/2024 - 7/9/2024	Beta	1.55E-02	3.03E-03	3.77E-03
614958	7/9/2024 - 7/12/2024	Beta	1.32E-02	9.80E-04	1.32E-03
615613	7/16/2024 - 7/23/2024	Beta	8.86E-03	2.50E-03	3.40E-03
616329	7/23/2024 - 7/30/2024	Beta	1.24E-02	2.38E-03	2.84E-03
616472	7/30/2024 - 8/5/2024	Beta	1.33E-02	3.05E-03	3.86E-03
617000	8/5/2024 - 8/13/2024	Beta	1.58E-02	2.58E-03	2.84E-03
617236	8/13/2024 - 8/20/2024	Beta	2.43E-02	2.95E-03	2.88E-03
617853	8/20/2024 - 8/26/2024	Beta	1.88E-02	3.34E-03	3.84E-03
618163	8/26/2024 - 9/3/2024	Beta	1.68E-02	2.65E-03	2.92E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
618392	9/3/2024 - 9/10/2024	Beta	1.63E-02	2.60E-03	2.91E-03
619227	9/10/2024 - 9/17/2024	Beta	1.89E-02	2.79E-03	3.11E-03
619737	9/17/2024 - 9/23/2024	Beta	1.60E-02	3.03E-03	3.44E-03
619883	9/23/2024 - 9/30/2024	Beta	2.71E-02	3.13E-03	3.03E-03
620425	7/2/2024 - 9/30/2024	Cs-134	<1.32E-03	0.00E+00	1.32E-03
		Cs-137	<1.40E-03	0.00E+00	1.40E-03
		Be-7	1.12E-01	3.19E-02	2.85E-02
		K-40	<2.94E-02	0.00E+00	2.94E-02
620313	9/30/2024 - 10/8/2024	Beta	2.63E-02	3.06E-03	2.87E-03
620637	10/8/2024 - 10/15/2024	Beta	2.79E-02	3.33E-03	3.04E-03
621201	10/15/2024 - 10/22/2024	Beta	2.32E-02	2.89E-03	2.86E-03
621601	10/22/2024 - 10/29/2024	Beta	3.54E-02	3.38E-03	2.84E-03
621953	10/29/2024 - 11/4/2024	Beta	1.93E-02	2.97E-03	3.22E-03
622221	11/4/2024 - 11/11/2024	Beta	1.44E-02	2.57E-03	3.07E-03
622570	11/11/2024 - 11/19/2024	Beta	2.49E-02	2.64E-03	2.35E-03
622859	11/19/2024 - 11/25/2024	Beta	2.16E-02	3.12E-03	3.31E-03
623190	11/25/2024 - 12/3/2024	Beta	2.75E-02	3.22E-03	3.01E-03
624023	12/3/2024 - 12/10/2024	Beta	3.40E-02	3.73E-03	3.36E-03
624549	12/10/2024 - 12/17/2024	Beta	2.60E-02	3.27E-03	2.94E-03
624664	12/17/2024 - 12/23/2024	Beta	1.33E-02	3.13E-03	4.08E-03
624979	12/23/2024 - 12/31/2024	Beta	2.56E-02	3.01E-03	2.72E-03
625289	9/30/2024 - 12/31/2024	Cs-134	<1.97E-03	0.00E+00	1.97E-03
		Cs-137	<1.35E-03	0.00E+00	1.35E-03
		Be-7	1.05E-01	4.11E-02	5.19E-02
		K-40	4.09E-02	1.85E-02	1.70E-02

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602901	1/2/2024 - 1/10/2024	Beta	2.39E-02	2.88E-03	2.66E-03
603708	1/10/2024 - 1/17/2024	Beta	2.71E-02	3.32E-03	3.16E-03
603926	1/17/2024 - 1/22/2024	Beta	2.49E-02	3.92E-03	4.08E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
604180	1/22/2024 - 1/30/2024	Beta	1.01E-02	2.06E-03	2.52E-03
604495	1/30/2024 - 2/6/2024	Beta	1.48E-02	2.85E-03	3.46E-03
604764	2/6/2024 - 2/13/2024	Beta	1.11E-02	2.39E-03	2.80E-03
605103	2/13/2024 - 2/20/2024	Beta	2.26E-02	3.09E-03	3.06E-03
606227	2/20/2024 - 2/27/2024	Beta	2.24E-02	3.22E-03	3.40E-03
607109	2/27/2024 - 3/5/2024	Beta	1.59E-02	2.79E-03	3.13E-03
607633	3/5/2024 - 3/12/2024	Beta	1.43E-02	2.84E-03	3.46E-03
608879	3/12/2024 - 3/19/2024	Beta	1.95E-02	3.10E-03	3.47E-03
609292	3/19/2024 - 3/26/2024	Beta	1.78E-02	2.61E-03	2.80E-03
609479	3/26/2024 - 4/2/2024	Beta	2.27E-02	3.09E-03	3.00E-03
610028	1/2/2024 - 4/2/2024	Cs-134	<1.46E-03	0.00E+00	1.46E-03
		Cs-137	<1.19E-03	0.00E+00	1.19E-03
		Be-7	1.45E-01	3.99E-02	4.24E-02
		K-40	<3.28E-02	0.00E+00	3.28E-02
609897	4/2/2024 - 4/9/2024	Beta	1.25E-02	2.28E-03	2.60E-03
610341	4/9/2024 - 4/16/2024	Beta	1.94E-02	3.02E-03	3.24E-03
610903	4/16/2024 - 4/23/2024	Beta	2.27E-02	3.11E-03	3.05E-03
611161	4/23/2024 - 4/30/2024	Beta	2.56E-02	2.92E-03	2.63E-03
611491	4/30/2024 - 5/7/2024	Beta	1.59E-02	2.77E-03	3.08E-03
611746	5/7/2024 - 5/15/2024	Beta	1.58E-02	2.59E-03	2.89E-03
612256	5/15/2024 - 5/21/2024	Beta	1.28E-02	2.68E-03	3.30E-03
612525	5/21/2024 - 5/28/2024	Beta	1.68E-02	2.54E-03	2.72E-03
612686	5/28/2024 - 6/4/2024	Beta	1.99E-02	3.09E-03	3.37E-03
613530	6/4/2024 - 6/11/2024	Beta	1.79E-02	2.98E-03	3.37E-03
614050	6/11/2024 - 6/18/2024	Beta	2.67E-02	3.30E-03	3.07E-03
614287	6/18/2024 - 6/25/2024	Beta	1.47E-02	2.76E-03	3.22E-03
614450	6/25/2024 - 7/2/2024	Beta	1.97E-02	2.73E-03	2.88E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614774	4/2/2024 - 7/2/2024	Cs-134	<1.24E-03	0.00E+00	1.24E-03
		Cs-137	<8.06E-04	0.00E+00	8.06E-04
		Be-7	1.82E-01	3.99E-02	3.10E-02
		K-40	<3.13E-02	0.00E+00	3.13E-02
614655	7/2/2024 - 7/9/2024	Beta	1.59E-02	3.07E-03	3.80E-03
614960	7/9/2024 - 7/16/2024	Beta	2.15E-02	3.12E-03	3.35E-03
615615	7/16/2024 - 7/23/2024	Beta	9.96E-03	2.63E-03	3.51E-03
616331	7/23/2024 - 7/30/2024	Beta	1.56E-02	2.51E-03	2.80E-03
616474	7/30/2024 - 8/5/2024	Beta	1.82E-02	3.33E-03	3.87E-03
617002	8/5/2024 - 8/13/2024	Beta	1.85E-02	2.70E-03	2.83E-03
617238	8/13/2024 - 8/20/2024	Beta	2.88E-02	3.07E-03	2.80E-03
617855	8/20/2024 - 8/26/2024	Beta	2.03E-02	3.47E-03	3.91E-03
618165	8/26/2024 - 9/3/2024	Beta	1.74E-02	2.71E-03	2.96E-03
618394	9/3/2024 - 9/10/2024	Beta	1.88E-02	2.70E-03	2.89E-03
619229	9/10/2024 - 9/17/2024	Beta	2.24E-02	2.96E-03	3.13E-03
619739	9/17/2024 - 9/23/2024	Beta	1.97E-02	3.24E-03	3.44E-03
619885	9/23/2024 - 9/30/2024	Beta	3.36E-02	3.33E-03	2.94E-03
620427	7/2/2024 - 9/30/2024	Cs-134	<1.67E-03	0.00E+00	1.67E-03
		Cs-137	<1.06E-03	0.00E+00	1.06E-03
		Be-7	1.21E-01	3.34E-02	3.06E-02
		K-40	<3.45E-02	0.00E+00	3.45E-02
620315	9/30/2024 - 10/8/2024	Beta	2.94E-02	3.20E-03	2.89E-03
620639	10/8/2024 - 10/15/2024	Beta	3.05E-02	3.46E-03	3.05E-03
621203	10/15/2024 - 10/22/2024	Beta	2.64E-02	3.02E-03	2.85E-03
621603	10/22/2024 - 10/29/2024	Beta	4.23E-02	3.61E-03	2.82E-03
621955	10/29/2024 - 11/4/2024	Beta	2.45E-02	3.22E-03	3.23E-03
622223	11/4/2024 - 11/11/2024	Beta	1.38E-02	2.52E-03	3.02E-03
622572	11/11/2024 - 11/19/2024	Beta	2.58E-02	2.69E-03	2.37E-03
622861	11/19/2024 - 11/25/2024	Beta	2.05E-02	3.14E-03	3.42E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
623192	11/25/2024 - 12/3/2024	Beta	2.82E-02	3.20E-03	2.95E-03
624025	12/3/2024 - 12/10/2024	Beta	3.72E-02	3.86E-03	3.36E-03
624551	12/10/2024 - 12/17/2024	Beta	2.25E-02	3.09E-03	2.91E-03
624666	12/17/2024 - 12/23/2024	Beta	1.55E-02	3.29E-03	4.15E-03
624981	12/23/2024 - 12/31/2024	Beta	2.39E-02	2.91E-03	2.69E-03
625291	9/30/2024 - 12/31/2024	Cs-134	<1.61E-03	0.00E+00	1.61E-03
		Cs-137	<1.17E-03	0.00E+00	1.17E-03
		Be-7	1.09E-01	3.65E-02	4.01E-02
		K-40	<2.96E-02	0.00E+00	2.96E-02

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602900	1/2/2024 - 1/10/2024	Beta	1.91E-02	2.68E-03	2.67E-03
603707	1/10/2024 - 1/17/2024	Beta	2.72E-02	3.00E-03	2.68E-03
603925	1/17/2024 - 1/22/2024	Beta	2.16E-02	3.72E-03	4.05E-03
604179	1/22/2024 - 1/30/2024	Beta	8.41E-03	1.96E-03	2.51E-03
604494	1/30/2024 - 2/6/2024	Beta	1.25E-02	2.75E-03	3.50E-03
604763	2/6/2024 - 2/13/2024	Beta	1.25E-02	2.48E-03	2.79E-03
605102	2/13/2024 - 2/20/2024	Beta	2.41E-02	3.17E-03	3.06E-03
606226	2/20/2024 - 2/27/2024	Beta	1.94E-02	3.08E-03	3.40E-03
607108	2/27/2024 - 3/5/2024	Beta	1.47E-02	2.73E-03	3.13E-03
607632	3/5/2024 - 3/12/2024	Beta	1.15E-02	2.68E-03	3.47E-03
608878	3/12/2024 - 3/19/2024	Beta	2.07E-02	3.16E-03	3.46E-03
609291	3/19/2024 - 3/26/2024	Beta	1.82E-02	2.63E-03	2.80E-03
609478	3/26/2024 - 4/2/2024	Beta	2.17E-02	3.04E-03	3.00E-03
610027	1/2/2024 - 4/2/2024	Cs-134	<1.93E-03	0.00E+00	1.93E-03
		Cs-137	<1.77E-03	0.00E+00	1.77E-03
		Be-7	1.19E-01	3.38E-02	3.25E-02
		K-40	2.83E-02	1.73E-02	2.15E-02
609896	4/2/2024 - 4/9/2024	Beta	1.20E-02	2.26E-03	2.60E-03
610340	4/9/2024 - 4/16/2024	Beta	1.78E-02	2.94E-03	3.23E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
610902	4/16/2024 - 4/23/2024	Beta	2.31E-02	3.13E-03	3.05E-03
611160	4/23/2024 - 4/30/2024	Beta	2.37E-02	2.84E-03	2.63E-03
611490	4/30/2024 - 5/7/2024	Beta	1.52E-02	2.73E-03	3.08E-03
611745	5/7/2024 - 5/15/2024	Beta	1.55E-02	2.59E-03	2.89E-03
612255	5/15/2024 - 5/21/2024	Beta	1.38E-02	2.73E-03	3.30E-03
612524	5/21/2024 - 5/28/2024	Beta	1.37E-02	2.39E-03	2.72E-03
612685	5/28/2024 - 6/4/2024	Beta	1.70E-02	2.94E-03	3.37E-03
613529	6/4/2024 - 6/11/2024	Beta	1.70E-02	2.93E-03	3.36E-03
614049	6/11/2024 - 6/18/2024	Beta	2.44E-02	3.18E-03	3.05E-03
614286	6/18/2024 - 6/25/2024	Beta	1.57E-02	2.82E-03	3.25E-03
614449	6/25/2024 - 7/2/2024	Beta	1.78E-02	2.64E-03	2.88E-03
614773	4/2/2024 - 7/2/2024	Cs-134	<1.49E-03	0.00E+00	1.49E-03
		Cs-137	<1.71E-03	0.00E+00	1.71E-03
		Be-7	1.42E-01	3.65E-02	3.15E-02
		K-40	<3.54E-02	0.00E+00	3.54E-02
614654	7/2/2024 - 7/9/2024	Beta	1.72E-02	3.13E-03	3.79E-03
614959	7/9/2024 - 7/16/2024	Beta	1.72E-02	2.92E-03	3.36E-03
615614	7/16/2024 - 7/23/2024	Beta	1.19E-02	2.73E-03	3.51E-03
616330	7/23/2024 - 7/30/2024	Beta	1.67E-02	2.57E-03	2.81E-03
616473	7/30/2024 - 8/5/2024	Beta	1.57E-02	3.19E-03	3.87E-03
617001	8/5/2024 - 8/13/2024	Beta	1.71E-02	2.63E-03	2.82E-03
617237	8/13/2024 - 8/20/2024	Beta	2.76E-02	3.04E-03	2.82E-03
617854	8/20/2024 - 8/26/2024	Beta	2.06E-02	3.41E-03	3.81E-03
618164	8/26/2024 - 9/3/2024	Beta	1.65E-02	2.69E-03	3.00E-03
618393	9/3/2024 - 9/10/2024	Beta	2.01E-02	2.78E-03	2.92E-03
619228	9/10/2024 - 9/17/2024	Beta	2.01E-02	2.84E-03	3.11E-03
619738	9/17/2024 - 9/23/2024	Beta	1.91E-02	3.21E-03	3.44E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
619884	9/23/2024 - 9/30/2024	Beta	3.34E-02	3.31E-03	2.93E-03
620426	7/2/2024 - 9/30/2024	Cs-134	<1.51E-03	0.00E+00	1.51E-03
		Cs-137	<1.07E-03	0.00E+00	1.07E-03
		Be-7	1.14E-01	5.40E-02	2.63E-02
		K-40	<3.73E-02	0.00E+00	3.73E-02
620314	9/30/2024 - 10/8/2024	Beta	3.10E-02	3.27E-03	2.89E-03
620638	10/8/2024 - 10/15/2024	Beta	2.76E-02	3.30E-03	3.01E-03
621202	10/15/2024 - 10/22/2024	Beta	2.34E-02	2.90E-03	2.87E-03
621602	10/22/2024 - 10/29/2024	Beta	3.94E-02	3.53E-03	2.85E-03
621954	10/29/2024 - 11/4/2024	Beta	2.40E-02	3.19E-03	3.23E-03
622222	11/4/2024 - 11/11/2024	Beta	1.32E-02	2.49E-03	3.03E-03
622571	11/11/2024 - 11/19/2024	Beta	2.47E-02	2.65E-03	2.37E-03
622860	11/19/2024 - 11/25/2024	Beta	2.03E-02	3.08E-03	3.34E-03
623191	11/25/2024 - 12/3/2024	Beta	2.90E-02	3.26E-03	2.98E-03
624024	12/3/2024 - 12/10/2024	Beta	3.11E-02	3.60E-03	3.35E-03
624550	12/10/2024 - 12/17/2024	Beta	2.12E-02	2.98E-03	2.86E-03
624665	12/17/2024 - 12/23/2024	Beta	1.41E-02	3.25E-03	4.21E-03
624980	12/23/2024 - 12/31/2024	Beta	2.45E-02	2.96E-03	2.71E-03
625290	9/30/2024 - 12/31/2024	Cs-134	<1.68E-03	0.00E+00	1.68E-03
		Cs-137	<1.49E-03	0.00E+00	1.49E-03
		Be-7	1.64E-01	4.14E-02	3.24E-02
		K-40	1.30E-02	1.21E-02	1.72E-02

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
602902	1/2/2024 - 1/10/2024	Beta	2.15E-02	2.77E-03	2.65E-03
603709	1/10/2024 - 1/17/2024	Beta	2.42E-02	2.89E-03	2.71E-03
603927	1/17/2024 - 1/22/2024	Beta	2.03E-02	3.65E-03	4.06E-03
604181	1/22/2024 - 1/30/2024	Beta	8.20E-03	1.95E-03	2.50E-03
604496	1/30/2024 - 2/6/2024	Beta	1.45E-02	2.86E-03	3.50E-03
604765	2/6/2024 - 2/13/2024	Beta	1.38E-02	2.56E-03	2.80E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
605104	2/13/2024 - 2/20/2024	Beta	2.00E-02	2.96E-03	3.05E-03
606228	2/20/2024 - 2/27/2024	Beta	1.87E-02	3.04E-03	3.41E-03
607110	2/27/2024 - 3/5/2024	Beta	1.29E-02	2.63E-03	3.13E-03
607634	3/5/2024 - 3/12/2024	Beta	1.07E-02	2.64E-03	3.46E-03
608880	3/12/2024 - 3/19/2024	Beta	1.83E-02	3.04E-03	3.47E-03
609293	3/19/2024 - 3/26/2024	Beta	1.87E-02	2.66E-03	2.80E-03
609480	3/26/2024 - 4/2/2024	Beta	2.28E-02	3.10E-03	3.00E-03
610029	1/2/2024 - 4/2/2024	Cs-134	<1.50E-03	0.00E+00	1.50E-03
		Cs-137	<1.05E-03	0.00E+00	1.05E-03
		Be-7	1.03E-01	2.96E-02	2.41E-02
		K-40	2.07E-02	1.20E-02	4.67E-03
609898	4/2/2024 - 4/9/2024	Beta	1.41E-02	2.36E-03	2.59E-03
610342	4/9/2024 - 4/16/2024	Beta	2.01E-02	3.06E-03	3.24E-03
610904	4/16/2024 - 4/23/2024	Beta	2.05E-02	3.00E-03	3.05E-03
611162	4/23/2024 - 4/30/2024	Beta	2.51E-02	2.90E-03	2.63E-03
611492	4/30/2024 - 5/7/2024	Beta	1.48E-02	2.72E-03	3.08E-03
611747	5/7/2024 - 5/15/2024	Beta	1.32E-02	2.46E-03	2.89E-03
612257	5/15/2024 - 5/21/2024	Beta	1.24E-02	2.65E-03	3.30E-03
612526	5/21/2024 - 5/28/2024	Beta	1.65E-02	2.52E-03	2.72E-03
612687	5/28/2024 - 6/4/2024	Beta	1.91E-02	3.05E-03	3.37E-03
613531	6/4/2024 - 6/11/2024	Beta	1.88E-02	3.02E-03	3.37E-03
614051	6/11/2024 - 6/18/2024	Beta	2.50E-02	3.22E-03	3.07E-03
614288	6/18/2024 - 6/25/2024	Beta	1.48E-02	2.77E-03	3.22E-03
614451	6/25/2024 - 7/2/2024	Beta	1.61E-02	2.56E-03	2.88E-03
614775	4/2/2024 - 7/2/2024	Cs-134	<1.38E-03	0.00E+00	1.38E-03
		Cs-137	<1.32E-03	0.00E+00	1.32E-03
		Be-7	1.68E-01	4.33E-02	4.19E-02
		K-40	<3.50E-02	0.00E+00	3.50E-02
614656	7/2/2024 - 7/9/2024	Beta	1.61E-02	3.07E-03	3.79E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	Sample Dates:	Nuclide	Activity	2 Sigma Error	MDA
614961	7/9/2024 - 7/16/2024	Beta	1.85E-02	2.98E-03	3.35E-03
615616	7/16/2024 - 7/23/2024	Beta	1.01E-02	2.64E-03	3.51E-03
616332	7/23/2024 - 7/30/2024	Beta	1.50E-02	2.47E-03	2.78E-03
616475	7/30/2024 - 8/5/2024	Beta	1.91E-02	3.39E-03	3.91E-03
617003	8/5/2024 - 8/13/2024	Beta	1.35E-02	2.45E-03	2.83E-03
617239	8/13/2024 - 8/20/2024	Beta	2.69E-02	3.01E-03	2.82E-03
617856	8/20/2024 - 8/26/2024	Beta	1.91E-02	3.37E-03	3.86E-03
618166	8/26/2024 - 9/3/2024	Beta	1.73E-02	2.70E-03	2.96E-03
618395	9/3/2024 - 9/10/2024	Beta	1.74E-02	2.64E-03	2.90E-03
619230	9/10/2024 - 9/17/2024	Beta	1.74E-02	2.74E-03	3.13E-03
619740	9/17/2024 - 9/23/2024	Beta	1.88E-02	3.19E-03	3.44E-03
619886	9/23/2024 - 9/30/2024	Beta	3.04E-02	3.21E-03	2.94E-03
620428	7/2/2024 - 9/30/2024	Cs-134	<1.69E-03	0.00E+00	1.69E-03
		Cs-137	<1.73E-03	0.00E+00	1.73E-03
		Be-7	1.37E-01	3.67E-02	3.28E-02
		K-40	3.96E-02	1.91E-02	1.95E-02
620316	9/30/2024 - 10/8/2024	Beta	3.19E-02	3.30E-03	2.89E-03
620640	10/8/2024 - 10/15/2024	Beta	3.12E-02	3.49E-03	3.05E-03
621204	10/15/2024 - 10/22/2024	Beta	2.42E-02	2.93E-03	2.86E-03
621604	10/22/2024 - 10/29/2024	Beta	3.65E-02	3.40E-03	2.82E-03
621956	10/29/2024 - 11/4/2024	Beta	2.54E-02	3.27E-03	3.23E-03
622224	11/4/2024 - 11/11/2024	Beta	1.51E-02	2.58E-03	3.03E-03
622573	11/11/2024 - 11/19/2024	Beta	2.51E-02	2.66E-03	2.37E-03
622862	11/19/2024 - 11/25/2024	Beta	2.30E-02	3.23E-03	3.37E-03
623193	11/25/2024 - 12/3/2024	Beta	2.71E-02	3.18E-03	2.97E-03
624026	12/3/2024 - 12/10/2024	Beta	3.33E-02	3.70E-03	3.36E-03
624552	12/10/2024 - 12/17/2024	Beta	2.89E-02	3.39E-03	2.91E-03

Media Type: AIR PARTICULATE Concentration (Activity): pCi/m3

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	624667	Sample Dates: 12/17/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Beta	1.31E-02	3.14E-03	4.13E-03
Sample ID:	**624982**	**Sample Dates: 12/23/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Beta	2.30E-02	2.88E-03	2.70E-03
Sample ID:	**625292**	**Sample Dates: 9/30/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			Cs-134	<1.48E-03	0.00E+00	1.48E-03
			Cs-137	<1.77E-03	0.00E+00	1.77E-03
			Be-7	1.20E-01	3.59E-02	3.28E-02
			K-40	2.51E-02	1.65E-02	2.10E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID:	602903	Sample Dates: 1/2/2024 - 1/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<2.23E-02	0.00E+00	2.23E-02
			Cs-134	<1.76E-02	0.00E+00	1.76E-02
			Cs-137	<1.49E-02	0.00E+00	1.49E-02
			Be-7	<1.22E-01	0.00E+00	1.22E-01
			K-40	6.04E-01	2.50E-01	2.22E-01
Sample ID:	**603710**	**Sample Dates: 1/10/2024 - 1/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.03E-02	0.00E+00	5.03E-02
			Cs-134	<3.47E-02	0.00E+00	3.47E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<1.81E-01	0.00E+00	1.81E-01
			K-40	5.71E-01	3.35E-01	4.26E-01
Sample ID:	**603928**	**Sample Dates: 1/17/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.27E-02	0.00E+00	6.27E-02
			Cs-134	<4.70E-02	0.00E+00	4.70E-02
			Cs-137	<3.03E-02	0.00E+00	3.03E-02
			Be-7	<3.08E-01	0.00E+00	3.08E-01
			K-40	8.51E-01	4.31E-01	5.03E-01
Sample ID:	**604182**	**Sample Dates: 1/22/2024 - 1/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<3.00E-02	0.00E+00	3.00E-02
			Cs-137	<1.74E-02	0.00E+00	1.74E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	<6.09E-01	0.00E+00	6.09E-01
Sample ID:	**604497**	**Sample Dates: 1/30/2024 - 2/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.72E-02	0.00E+00	3.72E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<7.26E-01	0.00E+00	7.26E-01
Sample ID:	**604766**	**Sample Dates: 2/6/2024 - 2/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<1.96E-01	0.00E+00	1.96E-01
			K-40	<6.87E-01	0.00E+00	6.87E-01
Sample ID:	**605105**	**Sample Dates: 2/13/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.83E-02	0.00E+00	4.83E-02
			Cs-134	<2.83E-02	0.00E+00	2.83E-02
			Cs-137	<2.60E-02	0.00E+00	2.60E-02
			Be-7	<2.22E-01	0.00E+00	2.22E-01
			K-40	<6.81E-01	0.00E+00	6.81E-01
Sample ID:	**606229**	**Sample Dates: 2/20/2024 - 2/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.85E-02	0.00E+00	4.85E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.14E-01	0.00E+00	2.14E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID:	606229	Sample Dates: 2/20/2024 - 2/27/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	5.72E-01	3.20E-01	3.86E-01
Sample ID:	**607111**	**Sample Dates: 2/27/2024 - 3/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.65E-02	0.00E+00	3.65E-02
			Cs-134	<3.95E-02	0.00E+00	3.95E-02
			Cs-137	<2.24E-02	0.00E+00	2.24E-02
			Be-7	<2.81E-01	0.00E+00	2.81E-01
			K-40	<7.17E-01	0.00E+00	7.17E-01
Sample ID:	**607635**	**Sample Dates: 3/5/2024 - 3/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.98E-02	0.00E+00	3.98E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	<8.28E-01	0.00E+00	8.28E-01
Sample ID:	**608881**	**Sample Dates: 3/12/2024 - 3/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.28E-02	0.00E+00	3.28E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	7.66E-01	3.69E-01	4.27E-01
Sample ID:	**609294**	**Sample Dates: 3/19/2024 - 3/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.77E-02	0.00E+00	4.77E-02
			Cs-134	<2.87E-02	0.00E+00	2.87E-02
			Cs-137	<2.97E-02	0.00E+00	2.97E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	7.35E-01	3.50E-01	3.83E-01
Sample ID:	**609481**	**Sample Dates: 3/26/2024 - 4/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.37E-02	0.00E+00	3.37E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	5.24E-01	3.19E-01	4.09E-01
Sample ID:	**609899**	**Sample Dates: 4/2/2024 - 4/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.16E-02	0.00E+00	4.16E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<1.45E-02	0.00E+00	1.45E-02
			Be-7	<1.69E-01	0.00E+00	1.69E-01
			K-40	<4.73E-01	0.00E+00	4.73E-01
Sample ID:	**610343**	**Sample Dates: 4/9/2024 - 4/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.16E-02	0.00E+00	4.16E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	<7.54E-01	0.00E+00	7.54E-01
Sample ID:	**610905**	**Sample Dates: 4/16/2024 - 4/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.54E-02	0.00E+00	4.54E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.01E-02	0.00E+00	2.01E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	9.09E-01	3.65E-01	3.32E-01
Sample ID:	**611163**	**Sample Dates: 4/23/2024 - 4/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.40E-02	0.00E+00	4.40E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.41E-02	0.00E+00	2.41E-02
			Be-7	<1.83E-01	0.00E+00	1.83E-01
			K-40	6.22E-01	2.70E-01	7.67E-02
Sample ID:	**611493**	**Sample Dates: 4/30/2024 - 5/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.99E-02	0.00E+00	3.99E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID:	611493	Sample Dates: 4/30/2024 - 5/7/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.00E-01	0.00E+00	2.00E-01
			K-40	6.51E-01	3.36E-01	3.85E-01
Sample ID:	611748	Sample Dates: 5/7/2024 - 5/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.78E-02	0.00E+00	3.78E-02
			Cs-134	<2.29E-02	0.00E+00	2.29E-02
			Cs-137	<2.13E-02	0.00E+00	2.13E-02
			Be-7	<1.89E-01	0.00E+00	1.89E-01
			K-40	8.63E-01	3.16E-01	2.23E-01
Sample ID:	612258	Sample Dates: 5/15/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.84E-02	0.00E+00	5.84E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<3.62E-02	0.00E+00	3.62E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	8.26E-01	3.46E-01	3.18E-01
Sample ID:	612527	Sample Dates: 5/21/2024 - 5/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.89E-02	0.00E+00	3.89E-02
			Cs-134	<1.98E-02	0.00E+00	1.98E-02
			Cs-137	<2.57E-02	0.00E+00	2.57E-02
			Be-7	<2.10E-01	0.00E+00	2.10E-01
			K-40	7.01E-01	2.86E-01	7.59E-02
Sample ID:	612688	Sample Dates: 5/28/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.86E-02	0.00E+00	4.86E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.24E-02	0.00E+00	2.24E-02
			Be-7	<2.49E-01	0.00E+00	2.49E-01
			K-40	3.12E-01	2.12E-01	2.30E-01
Sample ID:	613532	Sample Dates: 6/4/2024 - 6/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.07E-02	0.00E+00	5.07E-02
			Cs-134	<3.12E-02	0.00E+00	3.12E-02
			Cs-137	<2.27E-02	0.00E+00	2.27E-02
			Be-7	<2.88E-01	0.00E+00	2.88E-01
			K-40	8.23E-01	3.68E-01	3.90E-01
Sample ID:	614052	Sample Dates: 6/11/2024 - 6/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.29E-02	0.00E+00	6.29E-02
			Cs-134	<2.92E-02	0.00E+00	2.92E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.48E-01	0.00E+00	2.48E-01
			K-40	8.29E-01	3.43E-01	3.27E-01
Sample ID:	614289	Sample Dates: 6/18/2024 - 6/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.83E-01	0.00E+00	2.83E-01
			K-40	<7.00E-01	0.00E+00	7.00E-01
Sample ID:	614452	Sample Dates: 6/25/2024 - 7/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.65E-02	0.00E+00	5.65E-02
			Cs-134	<3.58E-02	0.00E+00	3.58E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<2.68E-01	0.00E+00	2.68E-01
			K-40	9.27E-01	3.31E-01	7.61E-02
Sample ID:	614657	Sample Dates: 7/2/2024 - 7/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.23E-02	0.00E+00	6.23E-02
			Cs-134	<2.99E-02	0.00E+00	2.99E-02
			Cs-137	<2.71E-02	0.00E+00	2.71E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	6.20E-01	3.21E-01	3.70E-01
Sample ID:	614962	Sample Dates: 7/9/2024 - 7/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.69E-02	0.00E+00	5.69E-02
			Cs-134	<2.81E-02	0.00E+00	2.81E-02

ROBINSON Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID:	614962	Sample Dates: 7/9/2024 - 7/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<2.16E-01	0.00E+00	2.16E-01
			K-40	8.37E-01	3.35E-01	3.74E-01
Sample ID:	**615617**	**Sample Dates: 7/16/2024 - 7/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<3.78E-02	0.00E+00	3.78E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	5.42E-01	2.52E-01	7.73E-02
Sample ID:	**616333**	**Sample Dates: 7/23/2024 - 7/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.22E-02	0.00E+00	6.22E-02
			Cs-134	<2.82E-02	0.00E+00	2.82E-02
			Cs-137	<2.75E-02	0.00E+00	2.75E-02
			Be-7	<2.23E-01	0.00E+00	2.23E-01
			K-40	5.85E-01	3.07E-01	3.43E-01
Sample ID:	**616476**	**Sample Dates: 7/30/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.75E-02	0.00E+00	4.75E-02
			Cs-134	<2.39E-02	0.00E+00	2.39E-02
			Cs-137	<2.89E-02	0.00E+00	2.89E-02
			Be-7	<3.12E-01	0.00E+00	3.12E-01
			K-40	9.47E-01	3.66E-01	9.17E-02
Sample ID:	**617004**	**Sample Dates: 8/5/2024 - 8/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.24E-02	0.00E+00	4.24E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.13E-02	0.00E+00	2.13E-02
			Be-7	<1.89E-01	0.00E+00	1.89E-01
			K-40	6.60E-01	3.38E-01	4.20E-01
Sample ID:	**617240**	**Sample Dates: 8/13/2024 - 8/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.16E-02	0.00E+00	4.16E-02
			Cs-134	<2.65E-02	0.00E+00	2.65E-02
			Cs-137	<3.28E-02	0.00E+00	3.28E-02
			Be-7	<2.17E-01	0.00E+00	2.17E-01
			K-40	7.10E-01	3.13E-01	2.63E-01
Sample ID:	**617857**	**Sample Dates: 8/20/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.75E-02	0.00E+00	4.75E-02
			Cs-134	<3.96E-02	0.00E+00	3.96E-02
			Cs-137	<2.30E-02	0.00E+00	2.30E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	8.30E-01	3.97E-01	4.37E-01
Sample ID:	**618167**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.54E-02	0.00E+00	5.54E-02
			Cs-134	<2.78E-02	0.00E+00	2.78E-02
			Cs-137	<2.37E-02	0.00E+00	2.37E-02
			Be-7	<2.77E-01	0.00E+00	2.77E-01
			K-40	<5.31E-01	0.00E+00	5.31E-01
Sample ID:	**618396**	**Sample Dates: 9/3/2024 - 9/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.04E-02	0.00E+00	5.04E-02
			Cs-134	<3.69E-02	0.00E+00	3.69E-02
			Cs-137	<3.00E-02	0.00E+00	3.00E-02
			Be-7	<2.18E-01	0.00E+00	2.18E-01
			K-40	6.54E-01	3.03E-01	2.66E-01
Sample ID:	**619231**	**Sample Dates: 9/10/2024 - 9/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.15E-02	0.00E+00	6.15E-02
			Cs-134	<2.78E-02	0.00E+00	2.78E-02
			Cs-137	<2.37E-02	0.00E+00	2.37E-02
			Be-7	<1.78E-01	0.00E+00	1.78E-01
			K-40	5.55E-01	2.52E-01	7.52E-02
Sample ID:	**619741**	**Sample Dates: 9/17/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.45E-02	0.00E+00	5.45E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID: 619741 Sample Dates: 9/17/2024 - 9/23/2024

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<2.46E-02	0.00E+00	2.46E-02
Cs-137	<2.97E-02	0.00E+00	2.97E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	8.49E-01	3.80E-01	3.37E-01

Sample ID: 619887 Sample Dates: 9/23/2024 - 9/30/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.62E-02	0.00E+00	4.62E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<3.22E-02	0.00E+00	3.22E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	<7.26E-01	0.00E+00	7.26E-01

Sample ID: 620317 Sample Dates: 9/30/2024 - 10/8/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.35E-02	0.00E+00	3.35E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	<6.37E-01	0.00E+00	6.37E-01

Sample ID: 620641 Sample Dates: 10/8/2024 - 10/15/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.50E-02	0.00E+00	4.50E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<3.22E-02	0.00E+00	3.22E-02
Be-7	<2.23E-01	0.00E+00	2.23E-01
K-40	7.41E-01	3.26E-01	3.04E-01

Sample ID: 621205 Sample Dates: 10/15/2024 - 10/22/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.16E-02	0.00E+00	6.16E-02
Cs-134	<3.50E-02	0.00E+00	3.50E-02
Cs-137	<2.87E-02	0.00E+00	2.87E-02
Be-7	<1.86E-01	0.00E+00	1.86E-01
K-40	<6.96E-01	0.00E+00	6.96E-01

Sample ID: 621605 Sample Dates: 10/22/2024 - 10/29/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.45E-02	0.00E+00	4.45E-02
Cs-134	<3.46E-02	0.00E+00	3.46E-02
Cs-137	<2.45E-02	0.00E+00	2.45E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	<7.85E-01	0.00E+00	7.85E-01

Sample ID: 621957 Sample Dates: 10/29/2024 - 11/4/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.62E-02	0.00E+00	4.62E-02
Cs-134	<3.78E-02	0.00E+00	3.78E-02
Cs-137	<2.10E-02	0.00E+00	2.10E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	<6.36E-01	0.00E+00	6.36E-01

Sample ID: 622225 Sample Dates: 11/4/2024 - 11/11/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.77E-02	0.00E+00	3.77E-02
Cs-134	<2.88E-02	0.00E+00	2.88E-02
Cs-137	<2.65E-02	0.00E+00	2.65E-02
Be-7	<2.55E-01	0.00E+00	2.55E-01
K-40	7.50E-01	3.00E-01	7.82E-02

Sample ID: 622574 Sample Dates: 11/11/2024 - 11/19/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.25E-02	0.00E+00	6.25E-02
Cs-134	<1.71E-02	0.00E+00	1.71E-02
Cs-137	<2.84E-02	0.00E+00	2.84E-02
Be-7	<2.17E-01	0.00E+00	2.17E-01
K-40	5.03E-01	2.87E-01	3.61E-01

Sample ID: 622863 Sample Dates: 11/19/2024 - 11/25/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.16E-02	0.00E+00	6.16E-02
Cs-134	<4.00E-02	0.00E+00	4.00E-02
Cs-137	<2.82E-02	0.00E+00	2.82E-02
Be-7	<3.48E-01	0.00E+00	3.48E-01
K-40	<8.44E-01	0.00E+00	8.44E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 1 [CONTROL - ESE @ 24.4 miles]

Sample ID:	623194	Sample Dates: 11/25/2024 - 12/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.60E-02	0.00E+00	3.60E-02
			Cs-134	<2.77E-02	0.00E+00	2.77E-02
			Cs-137	<3.04E-02	0.00E+00	3.04E-02
			Be-7	<1.87E-01	0.00E+00	1.87E-01
			K-40	7.48E-01	2.84E-01	6.99E-02
Sample ID:	**624027**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.13E-02	0.00E+00	4.13E-02
			Cs-134	<2.95E-02	0.00E+00	2.95E-02
			Cs-137	<3.11E-02	0.00E+00	3.11E-02
			Be-7	<2.23E-01	0.00E+00	2.23E-01
			K-40	6.38E-01	2.96E-01	2.75E-01
Sample ID:	**624553**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.50E-02	0.00E+00	5.50E-02
			Cs-134	<1.35E-02	0.00E+00	1.35E-02
			Cs-137	<1.34E-02	0.00E+00	1.34E-02
			Be-7	<1.31E-01	0.00E+00	1.31E-01
			K-40	7.87E-01	2.00E-01	1.94E-01
Sample ID:	**624668**	**Sample Dates: 12/17/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.25E-02	0.00E+00	6.25E-02
			Cs-134	<2.56E-02	0.00E+00	2.56E-02
			Cs-137	<2.27E-02	0.00E+00	2.27E-02
			Be-7	<2.35E-01	0.00E+00	2.35E-01
			K-40	1.03E+00	3.15E-01	2.41E-01
Sample ID:	**624983**	**Sample Dates: 12/23/2024 - 12/31/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.11E-02	0.00E+00	6.11E-02
			Cs-134	<3.33E-02	0.00E+00	3.33E-02
			Cs-137	<2.29E-02	0.00E+00	2.29E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	5.06E-01	2.83E-01	3.44E-01

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID:	602904	Sample Dates: 1/2/2024 - 1/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<2.09E-02	0.00E+00	2.09E-02
			Cs-134	<1.68E-02	0.00E+00	1.68E-02
			Cs-137	<1.45E-02	0.00E+00	1.45E-02
			Be-7	<1.19E-01	0.00E+00	1.19E-01
			K-40	4.86E-01	2.27E-01	2.25E-01
Sample ID:	**603711**	**Sample Dates: 1/10/2024 - 1/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.36E-02	0.00E+00	5.36E-02
			Cs-134	<3.29E-02	0.00E+00	3.29E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.51E-01	0.00E+00	2.51E-01
			K-40	<6.75E-01	0.00E+00	6.75E-01
Sample ID:	**603929**	**Sample Dates: 1/17/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.91E-02	0.00E+00	5.91E-02
			Cs-134	<4.82E-02	0.00E+00	4.82E-02
			Cs-137	<4.33E-02	0.00E+00	4.33E-02
			Be-7	<2.87E-01	0.00E+00	2.87E-01
			K-40	<1.09E+00	0.00E+00	1.09E+00
Sample ID:	**604183**	**Sample Dates: 1/22/2024 - 1/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.69E-02	0.00E+00	3.69E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<1.97E-02	0.00E+00	1.97E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	6.53E-01	2.93E-01	2.85E-01
Sample ID:	**604498**	**Sample Dates: 1/30/2024 - 2/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.66E-02	0.00E+00	3.66E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<1.72E-01	0.00E+00	1.72E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID:	604498	Sample Dates: 1/30/2024 - 2/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	7.37E-01	3.30E-01	3.19E-01
Sample ID:	**604767**	**Sample Dates: 2/6/2024 - 2/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<3.61E-02	0.00E+00	3.61E-02
			Cs-137	<2.61E-02	0.00E+00	2.61E-02
			Be-7	<1.73E-01	0.00E+00	1.73E-01
			K-40	7.08E-01	3.33E-01	3.49E-01
Sample ID:	**605106**	**Sample Dates: 2/13/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.30E-02	0.00E+00	4.30E-02
			Cs-134	<2.32E-02	0.00E+00	2.32E-02
			Cs-137	<1.98E-02	0.00E+00	1.98E-02
			Be-7	<2.38E-01	0.00E+00	2.38E-01
			K-40	2.44E-01	3.02E-01	4.90E-01
Sample ID:	**606230**	**Sample Dates: 2/20/2024 - 2/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.62E-02	0.00E+00	4.62E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<3.37E-02	0.00E+00	3.37E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	8.28E-01	3.14E-01	7.73E-02
Sample ID:	**607112**	**Sample Dates: 2/27/2024 - 3/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.65E-02	0.00E+00	4.65E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.66E-01	0.00E+00	2.66E-01
			K-40	7.73E-01	3.70E-01	4.27E-01
Sample ID:	**607636**	**Sample Dates: 3/5/2024 - 3/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.48E-02	0.00E+00	4.48E-02
			Cs-134	<2.64E-02	0.00E+00	2.64E-02
			Cs-137	<3.13E-02	0.00E+00	3.13E-02
			Be-7	<2.94E-01	0.00E+00	2.94E-01
			K-40	7.98E-01	4.10E-01	5.21E-01
Sample ID:	**608882**	**Sample Dates: 3/12/2024 - 3/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.99E-02	0.00E+00	4.99E-02
			Cs-134	<2.84E-02	0.00E+00	2.84E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.62E-01	0.00E+00	2.62E-01
			K-40	5.34E-01	3.34E-01	4.43E-01
Sample ID:	**609295**	**Sample Dates: 3/19/2024 - 3/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.59E-02	0.00E+00	4.59E-02
			Cs-134	<2.00E-02	0.00E+00	2.00E-02
			Cs-137	<1.35E-02	0.00E+00	1.35E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	1.13E+00	3.68E-01	7.65E-02
Sample ID:	**609482**	**Sample Dates: 3/26/2024 - 4/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.77E-02	0.00E+00	4.77E-02
			Cs-134	<2.88E-02	0.00E+00	2.88E-02
			Cs-137	<2.98E-02	0.00E+00	2.98E-02
			Be-7	<2.26E-01	0.00E+00	2.26E-01
			K-40	4.75E-01	2.79E-01	3.20E-01
Sample ID:	**609900**	**Sample Dates: 4/2/2024 - 4/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.71E-02	0.00E+00	4.71E-02
			Cs-134	<2.71E-02	0.00E+00	2.71E-02
			Cs-137	<2.58E-02	0.00E+00	2.58E-02
			Be-7	<1.58E-01	0.00E+00	1.58E-01
			K-40	5.93E-01	2.82E-01	3.07E-01
Sample ID:	**610344**	**Sample Dates: 4/9/2024 - 4/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.32E-02	0.00E+00	4.32E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID:	610344	Sample Dates: 4/9/2024 - 4/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	6.02E-01	3.02E-01	3.10E-01
Sample ID:	610906	Sample Dates: 4/16/2024 - 4/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.28E-02	0.00E+00	4.28E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.89E-01	0.00E+00	2.89E-01
			K-40	5.76E-01	2.91E-01	2.92E-01
Sample ID:	611164	Sample Dates: 4/23/2024 - 4/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.85E-02	0.00E+00	3.85E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	6.33E-01	3.73E-01	4.96E-01
Sample ID:	611494	Sample Dates: 4/30/2024 - 5/7/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.71E-02	0.00E+00	4.71E-02
			Cs-134	<3.29E-02	0.00E+00	3.29E-02
			Cs-137	<2.97E-02	0.00E+00	2.97E-02
			Be-7	<2.75E-01	0.00E+00	2.75E-01
			K-40	8.11E-01	3.38E-01	2.90E-01
Sample ID:	611749	Sample Dates: 5/7/2024 - 5/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.70E-02	0.00E+00	4.70E-02
			Cs-134	<2.50E-02	0.00E+00	2.50E-02
			Cs-137	<2.30E-02	0.00E+00	2.30E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	7.82E-01	3.33E-01	3.47E-01
Sample ID:	612259	Sample Dates: 5/15/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.19E-02	0.00E+00	6.19E-02
			Cs-134	<2.17E-02	0.00E+00	2.17E-02
			Cs-137	<2.46E-02	0.00E+00	2.46E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	7.36E-01	2.91E-01	3.00E-01
Sample ID:	612528	Sample Dates: 5/21/2024 - 5/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.43E-02	0.00E+00	4.43E-02
			Cs-134	<2.80E-02	0.00E+00	2.80E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	7.86E-01	3.04E-01	7.61E-02
Sample ID:	612689	Sample Dates: 5/28/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<3.00E-02	0.00E+00	3.00E-02
			Cs-137	<2.19E-02	0.00E+00	2.19E-02
			Be-7	<1.82E-01	0.00E+00	1.82E-01
			K-40	6.41E-01	3.30E-01	3.83E-01
Sample ID:	613533	Sample Dates: 6/4/2024 - 6/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.84E-02	0.00E+00	3.84E-02
			Cs-134	<2.93E-02	0.00E+00	2.93E-02
			Cs-137	<2.69E-02	0.00E+00	2.69E-02
			Be-7	<2.54E-01	0.00E+00	2.54E-01
			K-40	8.23E-01	3.48E-01	3.16E-01
Sample ID:	614053	Sample Dates: 6/11/2024 - 6/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.60E-02	0.00E+00	5.60E-02
			Cs-134	<3.44E-02	0.00E+00	3.44E-02
			Cs-137	<2.42E-02	0.00E+00	2.42E-02
			Be-7	<2.60E-01	0.00E+00	2.60E-01
			K-40	8.76E-01	3.55E-01	3.20E-01
Sample ID:	614290	Sample Dates: 6/18/2024 - 6/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.94E-02	0.00E+00	4.94E-02
			Cs-134	<3.62E-02	0.00E+00	3.62E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID: 614290 Sample Dates: 6/18/2024 - 6/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Cs-137	<3.37E-02	0.00E+00	3.37E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	8.28E-01	3.14E-01	7.73E-02

Sample ID: 614453 Sample Dates: 6/25/2024 - 7/2/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.27E-02	0.00E+00	6.27E-02
Cs-134	<2.66E-02	0.00E+00	2.66E-02
Cs-137	<3.13E-02	0.00E+00	3.13E-02
Be-7	<2.45E-01	0.00E+00	2.45E-01
K-40	4.11E-01	2.98E-01	4.19E-01

Sample ID: 614658 Sample Dates: 7/2/2024 - 7/9/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.07E-02	0.00E+00	6.07E-02
Cs-134	<2.37E-02	0.00E+00	2.37E-02
Cs-137	<1.81E-02	0.00E+00	1.81E-02
Be-7	<2.70E-01	0.00E+00	2.70E-01
K-40	<6.35E-01	0.00E+00	6.35E-01

Sample ID: 614963 Sample Dates: 7/9/2024 - 7/12/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.17E-02	0.00E+00	5.17E-02
Cs-134	<1.80E-02	0.00E+00	1.80E-02
Cs-137	<1.94E-02	0.00E+00	1.94E-02
Be-7	<1.87E-01	0.00E+00	1.87E-01
K-40	1.28E+00	2.75E-01	2.78E-01

Sample ID: 615618 Sample Dates: 7/16/2024 - 7/23/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.78E-02	0.00E+00	3.78E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<1.36E-02	0.00E+00	1.36E-02
Be-7	<2.39E-01	0.00E+00	2.39E-01
K-40	5.62E-01	2.73E-01	2.33E-01

Sample ID: 616334 Sample Dates: 7/23/2024 - 7/30/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.27E-02	0.00E+00	6.27E-02
Cs-134	<3.50E-02	0.00E+00	3.50E-02
Cs-137	<3.41E-02	0.00E+00	3.41E-02
Be-7	<1.97E-01	0.00E+00	1.97E-01
K-40	6.33E-01	3.11E-01	3.19E-01

Sample ID: 616477 Sample Dates: 7/30/2024 - 8/5/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.36E-02	0.00E+00	5.36E-02
Cs-134	<3.81E-02	0.00E+00	3.81E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<3.17E-01	0.00E+00	3.17E-01
K-40	7.31E-01	3.61E-01	3.72E-01

Sample ID: 617005 Sample Dates: 8/5/2024 - 8/13/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.10E-02	0.00E+00	4.10E-02
Cs-134	<2.29E-02	0.00E+00	2.29E-02
Cs-137	<2.13E-02	0.00E+00	2.13E-02
Be-7	<1.54E-01	0.00E+00	1.54E-01
K-40	6.84E-01	2.88E-01	2.43E-01

Sample ID: 617241 Sample Dates: 8/13/2024 - 8/20/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.42E-02	0.00E+00	4.42E-02
Cs-134	<5.88E-03	0.00E+00	5.88E-03
Cs-137	<2.95E-02	0.00E+00	2.95E-02
Be-7	<2.48E-01	0.00E+00	2.48E-01
K-40	5.64E-01	3.38E-01	4.39E-01

Sample ID: 617858 Sample Dates: 8/20/2024 - 8/26/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.85E-02	0.00E+00	3.85E-02
Cs-134	<2.36E-02	0.00E+00	2.36E-02
Cs-137	<3.26E-02	0.00E+00	3.26E-02
Be-7	<2.36E-01	0.00E+00	2.36E-01
K-40	9.10E-01	3.85E-01	3.31E-01

Sample ID: 618168 Sample Dates: 8/26/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.88E-02	0.00E+00	5.88E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID: 618168 **Sample Dates: 8/26/2024 - 9/3/2024**

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<2.67E-02	0.00E+00	2.67E-02
Cs-137	<1.94E-02	0.00E+00	1.94E-02
Be-7	<1.89E-01	0.00E+00	1.89E-01
K-40	5.28E-01	2.82E-01	3.30E-01

Sample ID: 618397 **Sample Dates: 9/3/2024 - 9/10/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.60E-02	0.00E+00	4.60E-02
Cs-134	<2.85E-02	0.00E+00	2.85E-02
Cs-137	<2.44E-02	0.00E+00	2.44E-02
Be-7	<2.32E-01	0.00E+00	2.32E-01
K-40	6.63E-01	3.08E-01	2.89E-01

Sample ID: 619232 **Sample Dates: 9/10/2024 - 9/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.13E-02	0.00E+00	6.13E-02
Cs-134	<2.51E-02	0.00E+00	2.51E-02
Cs-137	<2.59E-02	0.00E+00	2.59E-02
Be-7	<2.15E-01	0.00E+00	2.15E-01
K-40	7.06E-01	3.66E-01	4.72E-01

Sample ID: 619742 **Sample Dates: 9/17/2024 - 9/23/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.13E-02	0.00E+00	5.13E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.33E-02	0.00E+00	2.33E-02
Be-7	<2.93E-01	0.00E+00	2.93E-01
K-40	<8.51E-01	0.00E+00	8.51E-01

Sample ID: 619888 **Sample Dates: 9/23/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.70E-02	0.00E+00	4.70E-02
Cs-134	<3.54E-02	0.00E+00	3.54E-02
Cs-137	<2.69E-02	0.00E+00	2.69E-02
Be-7	<2.49E-01	0.00E+00	2.49E-01
K-40	7.42E-01	3.59E-01	4.02E-01

Sample ID: 620318 **Sample Dates: 9/30/2024 - 10/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.05E-02	0.00E+00	4.05E-02
Cs-134	<2.27E-02	0.00E+00	2.27E-02
Cs-137	<2.27E-02	0.00E+00	2.27E-02
Be-7	<2.24E-01	0.00E+00	2.24E-01
K-40	5.33E-01	2.53E-01	2.28E-01

Sample ID: 620642 **Sample Dates: 10/8/2024 - 10/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.54E-02	0.00E+00	3.54E-02
Cs-134	<2.32E-02	0.00E+00	2.32E-02
Cs-137	<2.77E-02	0.00E+00	2.77E-02
Be-7	<2.38E-01	0.00E+00	2.38E-01
K-40	6.17E-01	3.17E-01	3.55E-01

Sample ID: 621206 **Sample Dates: 10/15/2024 - 10/22/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.28E-02	0.00E+00	6.28E-02
Cs-134	<2.06E-02	0.00E+00	2.06E-02
Cs-137	<2.84E-02	0.00E+00	2.84E-02
Be-7	<2.31E-01	0.00E+00	2.31E-01
K-40	4.08E-01	2.44E-01	2.86E-01

Sample ID: 621606 **Sample Dates: 10/22/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.58E-02	0.00E+00	4.58E-02
Cs-134	<3.80E-02	0.00E+00	3.80E-02
Cs-137	<2.63E-02	0.00E+00	2.63E-02
Be-7	<2.64E-01	0.00E+00	2.64E-01
K-40	3.73E-01	2.65E-01	3.48E-01

Sample ID: 621958 **Sample Dates: 10/29/2024 - 11/4/2024**

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.85E-02	0.00E+00	4.85E-02
Cs-134	<3.78E-02	0.00E+00	3.78E-02
Cs-137	<3.03E-02	0.00E+00	3.03E-02
Be-7	<2.57E-01	0.00E+00	2.57E-01
K-40	1.13E+00	4.62E-01	4.83E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 5 [INDICATOR - ENE @ 0.9 miles]

Sample ID:	622226	Sample Dates: 11/4/2024 - 11/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.62E-02	0.00E+00	4.62E-02
			Cs-134	<3.48E-02	0.00E+00	3.48E-02
			Cs-137	<3.12E-02	0.00E+00	3.12E-02
			Be-7	<2.62E-01	0.00E+00	2.62E-01
			K-40	6.43E-01	3.34E-01	3.85E-01
Sample ID:	622575	Sample Dates: 11/11/2024 - 11/19/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.23E-02	0.00E+00	5.23E-02
			Cs-134	<1.36E-02	0.00E+00	1.36E-02
			Cs-137	<2.85E-02	0.00E+00	2.85E-02
			Be-7	<2.31E-01	0.00E+00	2.31E-01
			K-40	7.96E-01	3.30E-01	3.41E-01
Sample ID:	622864	Sample Dates: 11/19/2024 - 11/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.16E-02	0.00E+00	6.16E-02
			Cs-134	<2.76E-02	0.00E+00	2.76E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<2.87E-01	0.00E+00	2.87E-01
			K-40	8.29E-01	3.96E-01	4.24E-01
Sample ID:	623195	Sample Dates: 11/25/2024 - 12/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.93E-02	0.00E+00	3.93E-02
			Cs-134	<2.91E-02	0.00E+00	2.91E-02
			Cs-137	<3.33E-02	0.00E+00	3.33E-02
			Be-7	<2.15E-01	0.00E+00	2.15E-01
			K-40	6.59E-01	2.96E-01	2.87E-01
Sample ID:	624028	Sample Dates: 12/3/2024 - 12/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.07E-02	0.00E+00	5.07E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<3.22E-02	0.00E+00	3.22E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	<7.89E-01	0.00E+00	7.89E-01
Sample ID:	624554	Sample Dates: 12/10/2024 - 12/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.23E-02	0.00E+00	6.23E-02
			Cs-134	<2.10E-02	0.00E+00	2.10E-02
			Cs-137	<2.05E-02	0.00E+00	2.05E-02
			Be-7	<1.88E-01	0.00E+00	1.88E-01
			K-40	8.65E-01	2.45E-01	1.71E-01
Sample ID:	624669	Sample Dates: 12/17/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.77E-02	0.00E+00	5.77E-02
			Cs-134	<1.57E-02	0.00E+00	1.57E-02
			Cs-137	<1.70E-02	0.00E+00	1.70E-02
			Be-7	<1.78E-01	0.00E+00	1.78E-01
			K-40	9.81E-01	2.84E-01	2.34E-01
Sample ID:	624984	Sample Dates: 12/23/2024 - 12/31/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.31E-02	0.00E+00	5.31E-02
			Cs-134	<2.07E-02	0.00E+00	2.07E-02
			Cs-137	<2.15E-02	0.00E+00	2.15E-02
			Be-7	<1.64E-01	0.00E+00	1.64E-01
			K-40	4.36E-01	2.67E-01	3.36E-01

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	602906	Sample Dates: 1/2/2024 - 1/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<2.41E-02	0.00E+00	2.41E-02
			Cs-134	<1.87E-02	0.00E+00	1.87E-02
			Cs-137	<1.76E-02	0.00E+00	1.76E-02
			Be-7	<1.58E-01	0.00E+00	1.58E-01
			K-40	2.31E-01	2.45E-01	3.89E-01
Sample ID:	603713	Sample Dates: 1/10/2024 - 1/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.30E-02	0.00E+00	6.30E-02
			Cs-134	<2.76E-02	0.00E+00	2.76E-02
			Cs-137	<3.28E-02	0.00E+00	3.28E-02
			Be-7	<2.93E-01	0.00E+00	2.93E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	603713	Sample Dates: 1/10/2024 - 1/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	6.30E-01	3.66E-01	4.49E-01
Sample ID:	**603931**	**Sample Dates: 1/17/2024 - 1/22/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.94E-02	0.00E+00	5.94E-02
			Cs-134	<3.91E-02	0.00E+00	3.91E-02
			Cs-137	<4.25E-02	0.00E+00	4.25E-02
			Be-7	<3.40E-01	0.00E+00	3.40E-01
			K-40	<1.17E+00	0.00E+00	1.17E+00
Sample ID:	**604185**	**Sample Dates: 1/22/2024 - 1/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.22E-02	0.00E+00	4.22E-02
			Cs-134	<1.81E-02	0.00E+00	1.81E-02
			Cs-137	<2.19E-02	0.00E+00	2.19E-02
			Be-7	<2.02E-01	0.00E+00	2.02E-01
			K-40	7.63E-01	3.10E-01	2.66E-01
Sample ID:	**604500**	**Sample Dates: 1/30/2024 - 2/6/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.12E-02	0.00E+00	4.12E-02
			Cs-134	<2.58E-02	0.00E+00	2.58E-02
			Cs-137	<2.75E-02	0.00E+00	2.75E-02
			Be-7	<2.43E-01	0.00E+00	2.43E-01
			K-40	8.47E-01	3.44E-01	3.02E-01
Sample ID:	**604769**	**Sample Dates: 2/6/2024 - 2/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.42E-02	0.00E+00	4.42E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<3.12E-02	0.00E+00	3.12E-02
			Be-7	<2.65E-01	0.00E+00	2.65E-01
			K-40	4.99E-01	3.19E-01	4.19E-01
Sample ID:	**605108**	**Sample Dates: 2/13/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.61E-02	0.00E+00	4.61E-02
			Cs-134	<2.59E-02	0.00E+00	2.59E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<2.13E-01	0.00E+00	2.13E-01
			K-40	8.86E-01	3.46E-01	2.76E-01
Sample ID:	**606232**	**Sample Dates: 2/20/2024 - 2/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.38E-02	0.00E+00	4.38E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<3.38E-02	0.00E+00	3.38E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	6.88E-01	2.86E-01	7.77E-02
Sample ID:	**607114**	**Sample Dates: 2/27/2024 - 3/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.63E-02	0.00E+00	4.63E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<1.72E-01	0.00E+00	1.72E-01
			K-40	5.89E-01	3.14E-01	3.59E-01
Sample ID:	**607638**	**Sample Dates: 3/5/2024 - 3/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.07E-02	0.00E+00	5.07E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.57E-01	0.00E+00	2.57E-01
			K-40	8.84E-01	3.25E-01	7.72E-02
Sample ID:	**608884**	**Sample Dates: 3/12/2024 - 3/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.70E-02	0.00E+00	4.70E-02
			Cs-134	<1.60E-02	0.00E+00	1.60E-02
			Cs-137	<3.23E-02	0.00E+00	3.23E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	6.40E-01	3.43E-01	4.16E-01
Sample ID:	**609297**	**Sample Dates: 3/19/2024 - 3/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.27E-02	0.00E+00	3.27E-02
			Cs-134	<1.98E-02	0.00E+00	1.98E-02
			Cs-137	<2.19E-02	0.00E+00	2.19E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	609297	Sample Dates: 3/19/2024 - 3/26/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.18E-01	0.00E+00	2.18E-01
			K-40	8.52E-01	3.38E-01	2.71E-01
Sample ID:	609484	Sample Dates: 3/26/2024 - 4/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.21E-02	0.00E+00	4.21E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	<7.11E-01	0.00E+00	7.11E-01
Sample ID:	609902	Sample Dates: 4/2/2024 - 4/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.14E-02	0.00E+00	4.14E-02
			Cs-134	<2.17E-02	0.00E+00	2.17E-02
			Cs-137	<2.19E-02	0.00E+00	2.19E-02
			Be-7	<1.34E-01	0.00E+00	1.34E-01
			K-40	<5.51E-01	0.00E+00	5.51E-01
Sample ID:	610346	Sample Dates: 4/9/2024 - 4/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.39E-02	0.00E+00	4.39E-02
			Cs-134	<3.67E-02	0.00E+00	3.67E-02
			Cs-137	<3.41E-02	0.00E+00	3.41E-02
			Be-7	<2.52E-01	0.00E+00	2.52E-01
			K-40	<7.09E-01	0.00E+00	7.09E-01
Sample ID:	610908	Sample Dates: 4/16/2024 - 4/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.01E-02	0.00E+00	4.01E-02
			Cs-134	<3.63E-02	0.00E+00	3.63E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	<6.73E-01	0.00E+00	6.73E-01
Sample ID:	611166	Sample Dates: 4/23/2024 - 4/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.92E-02	0.00E+00	4.92E-02
			Cs-134	<2.99E-02	0.00E+00	2.99E-02
			Cs-137	<3.11E-02	0.00E+00	3.11E-02
			Be-7	<2.64E-01	0.00E+00	2.64E-01
			K-40	1.03E+00	4.09E-01	4.19E-01
Sample ID:	611496	Sample Dates: 4/30/2024 - 5/7/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.61E-02	0.00E+00	4.61E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.17E-01	0.00E+00	2.17E-01
			K-40	<7.28E-01	0.00E+00	7.28E-01
Sample ID:	611751	Sample Dates: 5/7/2024 - 5/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.21E-02	0.00E+00	4.21E-02
			Cs-134	<2.05E-02	0.00E+00	2.05E-02
			Cs-137	<1.95E-02	0.00E+00	1.95E-02
			Be-7	<1.53E-01	0.00E+00	1.53E-01
			K-40	5.18E-01	3.00E-01	3.84E-01
Sample ID:	612261	Sample Dates: 5/15/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.12E-02	0.00E+00	6.12E-02
			Cs-134	<2.26E-02	0.00E+00	2.26E-02
			Cs-137	<2.81E-02	0.00E+00	2.81E-02
			Be-7	<1.76E-01	0.00E+00	1.76E-01
			K-40	9.59E-01	3.21E-01	2.97E-01
Sample ID:	612530	Sample Dates: 5/21/2024 - 5/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.48E-02	0.00E+00	4.48E-02
			Cs-134	<2.58E-02	0.00E+00	2.58E-02
			Cs-137	<1.70E-02	0.00E+00	1.70E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	5.72E-01	3.19E-01	3.85E-01
Sample ID:	612691	Sample Dates: 5/28/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.07E-02	0.00E+00	5.07E-02
			Cs-134	<2.03E-02	0.00E+00	2.03E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	612691	Sample Dates: 5/28/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<3.52E-02	0.00E+00	3.52E-02
			Be-7	<2.17E-01	0.00E+00	2.17E-01
			K-40	4.10E-01	3.16E-01	4.53E-01
Sample ID:	**613535**	**Sample Dates: 6/4/2024 - 6/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.71E-02	0.00E+00	4.71E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	5.59E-01	2.77E-01	2.52E-01
Sample ID:	**614055**	**Sample Dates: 6/11/2024 - 6/18/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.98E-02	0.00E+00	4.98E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<3.07E-01	0.00E+00	3.07E-01
			K-40	8.39E-01	3.38E-01	2.72E-01
Sample ID:	**614292**	**Sample Dates: 6/18/2024 - 6/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.96E-02	0.00E+00	4.96E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<1.72E-02	0.00E+00	1.72E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	5.97E-01	3.36E-01	4.18E-01
Sample ID:	**614455**	**Sample Dates: 6/25/2024 - 7/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.95E-02	0.00E+00	5.95E-02
			Cs-134	<2.93E-02	0.00E+00	2.93E-02
			Cs-137	<2.82E-02	0.00E+00	2.82E-02
			Be-7	<2.55E-01	0.00E+00	2.55E-01
			K-40	5.68E-01	3.57E-01	5.09E-01
Sample ID:	**614660**	**Sample Dates: 7/2/2024 - 7/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.24E-02	0.00E+00	6.24E-02
			Cs-134	<2.90E-02	0.00E+00	2.90E-02
			Cs-137	<2.92E-02	0.00E+00	2.92E-02
			Be-7	<2.74E-01	0.00E+00	2.74E-01
			K-40	<7.59E-01	0.00E+00	7.59E-01
Sample ID:	**614965**	**Sample Dates: 7/9/2024 - 7/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.29E-02	0.00E+00	6.29E-02
			Cs-134	<2.28E-02	0.00E+00	2.28E-02
			Cs-137	<1.94E-02	0.00E+00	1.94E-02
			Be-7	<2.47E-01	0.00E+00	2.47E-01
			K-40	6.72E-01	3.05E-01	2.82E-01
Sample ID:	**615620**	**Sample Dates: 7/16/2024 - 7/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.80E-02	0.00E+00	3.80E-02
			Cs-134	<3.34E-02	0.00E+00	3.34E-02
			Cs-137	<2.28E-02	0.00E+00	2.28E-02
			Be-7	<1.90E-01	0.00E+00	1.90E-01
			K-40	6.82E-01	3.44E-01	3.89E-01
Sample ID:	**616336**	**Sample Dates: 7/23/2024 - 7/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.93E-02	0.00E+00	5.93E-02
			Cs-134	<3.50E-02	0.00E+00	3.50E-02
			Cs-137	<2.47E-02	0.00E+00	2.47E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	7.60E-01	3.07E-01	2.64E-01
Sample ID:	**616479**	**Sample Dates: 7/30/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.18E-02	0.00E+00	5.18E-02
			Cs-134	<4.24E-02	0.00E+00	4.24E-02
			Cs-137	<3.62E-02	0.00E+00	3.62E-02
			Be-7	<2.83E-01	0.00E+00	2.83E-01
			K-40	5.20E-01	4.09E-01	6.01E-01
Sample ID:	**617007**	**Sample Dates: 8/5/2024 - 8/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.56E-02	0.00E+00	4.56E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID: 617007 Sample Dates: 8/5/2024 - 8/13/2024

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.29E-02	0.00E+00	2.29E-02
Be-7	<2.12E-01	0.00E+00	2.12E-01
K-40	8.56E-01	3.19E-01	2.44E-01

Sample ID: 617243 Sample Dates: 8/13/2024 - 8/20/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.56E-02	0.00E+00	3.56E-02
Cs-134	<2.77E-02	0.00E+00	2.77E-02
Cs-137	<2.86E-02	0.00E+00	2.86E-02
Be-7	<2.69E-01	0.00E+00	2.69E-01
K-40	<6.67E-01	0.00E+00	6.67E-01

Sample ID: 617860 Sample Dates: 8/20/2024 - 8/26/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.02E-02	0.00E+00	5.02E-02
Cs-134	<3.39E-02	0.00E+00	3.39E-02
Cs-137	<3.68E-02	0.00E+00	3.68E-02
Be-7	<2.51E-01	0.00E+00	2.51E-01
K-40	4.42E-01	3.11E-01	4.03E-01

Sample ID: 618170 Sample Dates: 8/26/2024 - 9/3/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.74E-02	0.00E+00	5.74E-02
Cs-134	<2.31E-02	0.00E+00	2.31E-02
Cs-137	<2.72E-02	0.00E+00	2.72E-02
Be-7	<2.09E-01	0.00E+00	2.09E-01
K-40	3.94E-01	2.73E-01	3.71E-01

Sample ID: 618399 Sample Dates: 9/3/2024 - 9/10/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.66E-02	0.00E+00	3.66E-02
Cs-134	<3.42E-02	0.00E+00	3.42E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.46E-01	0.00E+00	2.46E-01
K-40	<6.96E-01	0.00E+00	6.96E-01

Sample ID: 619234 Sample Dates: 9/10/2024 - 9/17/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.16E-02	0.00E+00	6.16E-02
Cs-134	<2.97E-02	0.00E+00	2.97E-02
Cs-137	<2.41E-02	0.00E+00	2.41E-02
Be-7	<2.50E-01	0.00E+00	2.50E-01
K-40	7.70E-01	3.19E-01	3.30E-01

Sample ID: 619744 Sample Dates: 9/17/2024 - 9/23/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.01E-02	0.00E+00	4.01E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.33E-02	0.00E+00	2.33E-02
Be-7	<2.76E-01	0.00E+00	2.76E-01
K-40	5.99E-01	2.86E-01	9.02E-02

Sample ID: 619890 Sample Dates: 9/23/2024 - 9/30/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.83E-02	0.00E+00	4.83E-02
Cs-134	<2.34E-02	0.00E+00	2.34E-02
Cs-137	<2.43E-02	0.00E+00	2.43E-02
Be-7	<1.63E-01	0.00E+00	1.63E-01
K-40	6.14E-01	3.81E-01	5.21E-01

Sample ID: 620320 Sample Dates: 9/30/2024 - 10/8/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.84E-02	0.00E+00	3.85E-02
Cs-134	<2.28E-02	0.00E+00	2.28E-02
Cs-137	<2.29E-02	0.00E+00	2.29E-02
Be-7	<1.89E-01	0.00E+00	1.89E-01
K-40	6.89E-01	2.83E-01	2.19E-01

Sample ID: 620644 Sample Dates: 10/8/2024 - 10/15/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.61E-02	0.00E+00	3.61E-02
Cs-134	<2.84E-02	0.00E+00	2.84E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<1.73E-01	0.00E+00	1.73E-01
K-40	6.62E-01	3.05E-01	2.80E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	621208	Sample Dates: 10/15/2024 - 10/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.22E-02	0.00E+00	6.22E-02
			Cs-134	<3.47E-02	0.00E+00	3.47E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.09E-01	0.00E+00	2.09E-01
			K-40	6.64E-01	3.10E-01	2.94E-01
Sample ID:	**621608**	**Sample Dates: 10/22/2024 - 10/29/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.30E-02	0.00E+00	4.30E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	3.98E-01	2.15E-01	7.71E-02
Sample ID:	**621960**	**Sample Dates: 10/29/2024 - 11/4/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.87E-02	0.00E+00	5.87E-02
			Cs-134	<3.57E-02	0.00E+00	3.57E-02
			Cs-137	<2.33E-02	0.00E+00	2.33E-02
			Be-7	<2.78E-01	0.00E+00	2.78E-01
			K-40	6.64E-01	3.02E-01	9.00E-02
Sample ID:	**622228**	**Sample Dates: 11/4/2024 - 11/11/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.75E-02	0.00E+00	4.75E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<3.22E-02	0.00E+00	3.22E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	<6.97E-01	0.00E+00	6.97E-01
Sample ID:	**622577**	**Sample Dates: 11/11/2024 - 11/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.75E-02	0.00E+00	5.75E-02
			Cs-134	<1.37E-02	0.00E+00	1.37E-02
			Cs-137	<2.76E-02	0.00E+00	2.76E-02
			Be-7	<1.79E-01	0.00E+00	1.79E-01
			K-40	7.54E-01	3.25E-01	3.45E-01
Sample ID:	**622866**	**Sample Dates: 11/19/2024 - 11/25/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.08E-02	0.00E+00	6.08E-02
			Cs-134	<4.40E-02	0.00E+00	4.40E-02
			Cs-137	<3.58E-02	0.00E+00	3.58E-02
			Be-7	<3.16E-01	0.00E+00	3.16E-01
			K-40	6.58E-01	4.61E-01	6.60E-01
Sample ID:	**623197**	**Sample Dates: 11/25/2024 - 12/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.91E-02	0.00E+00	3.91E-02
			Cs-134	<1.40E-02	0.00E+00	1.40E-02
			Cs-137	<2.13E-02	0.00E+00	2.13E-02
			Be-7	<2.04E-01	0.00E+00	2.04E-01
			K-40	5.44E-01	2.71E-01	2.86E-01
Sample ID:	**624030**	**Sample Dates: 12/3/2024 - 12/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.22E-02	0.00E+00	4.22E-02
			Cs-134	<3.05E-02	0.00E+00	3.05E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	8.52E-01	3.18E-01	7.70E-02
Sample ID:	**624556**	**Sample Dates: 12/10/2024 - 12/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.29E-02	0.00E+00	6.29E-02
			Cs-134	<1.52E-02	0.00E+00	1.52E-02
			Cs-137	<1.52E-02	0.00E+00	1.52E-02
			Be-7	<1.51E-01	0.00E+00	1.51E-01
			K-40	6.77E-01	2.15E-01	2.44E-01
Sample ID:	**624671**	**Sample Dates: 12/17/2024 - 12/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.85E-02	0.00E+00	5.85E-02
			Cs-134	<2.19E-02	0.00E+00	2.19E-02
			Cs-137	<2.21E-02	0.00E+00	2.21E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	9.49E-01	2.92E-01	2.23E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 6 [INDICATOR - SSW @ 0.2 miles]

Sample ID:	624986	Sample Dates: 12/23/2024 - 12/31/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.24E-02	0.00E+00	6.24E-02
			Cs-134	<2.03E-02	0.00E+00	2.03E-02
			Cs-137	<1.98E-02	0.00E+00	1.98E-02
			Be-7	<2.16E-01	0.00E+00	2.16E-01
			K-40	6.94E-01	3.23E-01	4.04E-01

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	602905	Sample Dates: 1/2/2024 - 1/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<2.18E-02	0.00E+00	2.18E-02
			Cs-134	<1.50E-02	0.00E+00	1.50E-02
			Cs-137	<1.67E-02	0.00E+00	1.67E-02
			Be-7	<1.24E-01	0.00E+00	1.24E-01
			K-40	<4.25E-01	0.00E+00	4.25E-01
Sample ID:	603712	Sample Dates: 1/10/2024 - 1/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.00E-02	0.00E+00	6.00E-02
			Cs-134	<2.34E-02	0.00E+00	2.34E-02
			Cs-137	<2.93E-02	0.00E+00	2.93E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	<6.69E-01	0.00E+00	6.69E-01
Sample ID:	603930	Sample Dates: 1/17/2024 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.08E-02	0.00E+00	6.08E-02
			Cs-134	<3.89E-02	0.00E+00	3.89E-02
			Cs-137	<3.33E-02	0.00E+00	3.33E-02
			Be-7	<3.84E-01	0.00E+00	3.84E-01
			K-40	9.54E-01	4.10E-01	3.56E-01
Sample ID:	604184	Sample Dates: 1/22/2024 - 1/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.81E-02	0.00E+00	3.81E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<2.49E-02	0.00E+00	2.49E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	6.88E-01	2.70E-01	6.91E-02
Sample ID:	604499	Sample Dates: 1/30/2024 - 2/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.43E-02	0.00E+00	3.43E-02
			Cs-134	<2.60E-02	0.00E+00	2.60E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	5.31E-01	3.02E-01	3.58E-01
Sample ID:	604768	Sample Dates: 2/6/2024 - 2/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.60E-02	0.00E+00	4.60E-02
			Cs-134	<3.08E-02	0.00E+00	3.08E-02
			Cs-137	<2.63E-02	0.00E+00	2.63E-02
			Be-7	<2.57E-01	0.00E+00	2.57E-01
			K-40	8.60E-01	3.21E-01	7.77E-02
Sample ID:	605107	Sample Dates: 2/13/2024 - 2/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<2.21E-02	0.00E+00	2.21E-02
			Be-7	<2.68E-01	0.00E+00	2.68E-01
			K-40	<7.99E-01	0.00E+00	7.99E-01
Sample ID:	606231	Sample Dates: 2/20/2024 - 2/27/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.37E-02	0.00E+00	4.37E-02
			Cs-134	<2.35E-02	0.00E+00	2.35E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	7.97E-01	3.77E-01	4.35E-01
Sample ID:	607113	Sample Dates: 2/27/2024 - 3/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.08E-02	0.00E+00	4.08E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<2.23E-02	0.00E+00	2.23E-02
			Be-7	<2.38E-01	0.00E+00	2.38E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	607113	Sample Dates: 2/27/2024 - 3/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	6.74E-01	3.56E-01	4.35E-01
Sample ID:	**607637**	**Sample Dates: 3/5/2024 - 3/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<3.37E-02	0.00E+00	3.37E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	<7.55E-01	0.00E+00	7.55E-01
Sample ID:	**608883**	**Sample Dates: 3/12/2024 - 3/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.84E-02	0.00E+00	3.84E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.40E-01	0.00E+00	2.40E-01
			K-40	7.41E-01	2.97E-01	7.72E-02
Sample ID:	**609296**	**Sample Dates: 3/19/2024 - 3/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.91E-02	0.00E+00	3.91E-02
			Cs-134	<3.39E-02	0.00E+00	3.39E-02
			Cs-137	<2.90E-02	0.00E+00	2.90E-02
			Be-7	<1.91E-01	0.00E+00	1.91E-01
			K-40	6.64E-01	3.25E-01	3.53E-01
Sample ID:	**609483**	**Sample Dates: 3/26/2024 - 4/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.61E-02	0.00E+00	4.61E-02
			Cs-134	<2.33E-02	0.00E+00	2.33E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	8.26E-01	3.41E-01	3.01E-01
Sample ID:	**609901**	**Sample Dates: 4/2/2024 - 4/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.64E-02	0.00E+00	3.64E-02
			Cs-134	<2.00E-02	0.00E+00	2.00E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<1.52E-01	0.00E+00	1.52E-01
			K-40	5.74E-01	2.65E-01	2.50E-01
Sample ID:	**610345**	**Sample Dates: 4/9/2024 - 4/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.58E-02	0.00E+00	4.58E-02
			Cs-134	<2.04E-02	0.00E+00	2.04E-02
			Cs-137	<5.08E-03	0.00E+00	5.08E-03
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	6.99E-01	3.18E-01	2.94E-01
Sample ID:	**610907**	**Sample Dates: 4/16/2024 - 4/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.89E-02	0.00E+00	3.89E-02
			Cs-134	<1.60E-02	0.00E+00	1.60E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.70E-01	0.00E+00	2.70E-01
			K-40	8.08E-01	3.45E-01	3.26E-01
Sample ID:	**611165**	**Sample Dates: 4/23/2024 - 4/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.79E-02	0.00E+00	3.79E-02
			Cs-134	<4.39E-02	0.00E+00	4.39E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<2.24E-01	0.00E+00	2.24E-01
			K-40	7.37E-01	3.13E-01	2.42E-01
Sample ID:	**611495**	**Sample Dates: 4/30/2024 - 5/7/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.24E-02	0.00E+00	4.24E-02
			Cs-134	<3.26E-02	0.00E+00	3.26E-02
			Cs-137	<2.94E-02	0.00E+00	2.94E-02
			Be-7	<2.17E-01	0.00E+00	2.17E-01
			K-40	6.64E-01	3.35E-01	3.81E-01
Sample ID:	**611750**	**Sample Dates: 5/7/2024 - 5/15/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.83E-02	0.00E+00	2.83E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	611750	Sample Dates: 5/7/2024 - 5/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<1.89E-01	0.00E+00	1.89E-01
			K-40	6.08E-01	2.98E-01	3.33E-01
Sample ID:	612260	Sample Dates: 5/15/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.09E-02	0.00E+00	6.09E-02
			Cs-134	<3.71E-02	0.00E+00	3.71E-02
			Cs-137	<2.56E-02	0.00E+00	2.56E-02
			Be-7	<3.01E-01	0.00E+00	3.01E-01
			K-40	8.99E-01	3.46E-01	2.74E-01
Sample ID:	612529	Sample Dates: 5/21/2024 - 5/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<2.23E-02	0.00E+00	2.23E-02
			Cs-134	<3.89E-02	0.00E+00	3.89E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<1.93E-01	0.00E+00	1.93E-01
			K-40	4.27E-01	2.72E-01	3.37E-01
Sample ID:	612690	Sample Dates: 5/28/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.37E-02	0.00E+00	4.37E-02
			Cs-134	<3.98E-02	0.00E+00	3.98E-02
			Cs-137	<2.97E-02	0.00E+00	2.97E-02
			Be-7	<2.08E-01	0.00E+00	2.08E-01
			K-40	7.58E-01	3.25E-01	2.78E-01
Sample ID:	613534	Sample Dates: 6/4/2024 - 6/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.10E-02	0.00E+00	4.10E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	4.93E-01	3.02E-01	3.80E-01
Sample ID:	614054	Sample Dates: 6/11/2024 - 6/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.10E-02	0.00E+00	6.10E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.69E-01	0.00E+00	2.69E-01
			K-40	7.67E-01	3.01E-01	7.70E-02
Sample ID:	614291	Sample Dates: 6/18/2024 - 6/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.19E-02	0.00E+00	4.19E-02
			Cs-134	<2.61E-02	0.00E+00	2.61E-02
			Cs-137	<2.44E-02	0.00E+00	2.44E-02
			Be-7	<1.62E-01	0.00E+00	1.62E-01
			K-40	<7.16E-01	0.00E+00	7.16E-01
Sample ID:	614454	Sample Dates: 6/25/2024 - 7/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.67E-02	0.00E+00	5.67E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<2.88E-02	0.00E+00	2.88E-02
			Be-7	<1.81E-01	0.00E+00	1.81E-01
			K-40	8.09E-01	3.07E-01	7.56E-02
Sample ID:	614659	Sample Dates: 7/2/2024 - 7/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.41E-02	0.00E+00	5.41E-02
			Cs-134	<2.92E-02	0.00E+00	2.92E-02
			Cs-137	<2.48E-02	0.00E+00	2.48E-02
			Be-7	<1.99E-01	0.00E+00	1.99E-01
			K-40	8.15E-01	3.15E-01	7.89E-02
Sample ID:	614964	Sample Dates: 7/9/2024 - 7/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.84E-02	0.00E+00	5.84E-02
			Cs-134	<2.78E-02	0.00E+00	2.79E-02
			Cs-137	<2.55E-02	0.00E+00	2.55E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	6.85E-01	3.49E-01	4.15E-01
Sample ID:	615619	Sample Dates: 7/16/2024 - 7/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.47E-02	0.00E+00	4.47E-02
			Cs-134	<2.06E-02	0.00E+00	2.06E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	615619	Sample Dates: 7/16/2024 - 7/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<2.49E-02	0.00E+00	2.49E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	7.41E-01	3.24E-01	2.80E-01
Sample ID:	**616335**	**Sample Dates: 7/23/2024 - 7/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.23E-02	0.00E+00	6.23E-02
			Cs-134	<2.47E-02	0.00E+00	2.47E-02
			Cs-137	<2.91E-02	0.00E+00	2.91E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	7.11E-01	2.54E-01	5.84E-02
Sample ID:	**616478**	**Sample Dates: 7/30/2024 - 8/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.76E-02	0.00E+00	5.76E-02
			Cs-134	<3.06E-02	0.00E+00	3.06E-02
			Cs-137	<3.26E-02	0.00E+00	3.26E-02
			Be-7	<2.53E-01	0.00E+00	2.53E-01
			K-40	5.70E-01	4.07E-01	5.77E-01
Sample ID:	**617006**	**Sample Dates: 8/5/2024 - 8/13/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.00E-02	0.00E+00	4.00E-02
			Cs-134	<2.27E-02	0.00E+00	2.27E-02
			Cs-137	<2.12E-02	0.00E+00	2.12E-02
			Be-7	<2.86E-01	0.00E+00	2.86E-01
			K-40	7.79E-01	3.03E-01	2.39E-01
Sample ID:	**617242**	**Sample Dates: 8/13/2024 - 8/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<3.38E-02	0.00E+00	3.38E-02
			Cs-137	<2.39E-02	0.00E+00	2.39E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	8.64E-01	3.49E-01	3.14E-01
Sample ID:	**617859**	**Sample Dates: 8/20/2024 - 8/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.77E-02	0.00E+00	4.77E-02
			Cs-134	<4.00E-02	0.00E+00	4.00E-02
			Cs-137	<3.24E-02	0.00E+00	3.24E-02
			Be-7	<3.23E-01	0.00E+00	3.23E-01
			K-40	6.33E-01	3.89E-01	5.10E-01
Sample ID:	**618169**	**Sample Dates: 8/26/2024 - 9/3/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<6.24E-02	0.00E+00	6.24E-02
			Cs-134	<2.00E-02	0.00E+00	2.00E-02
			Cs-137	<2.00E-02	0.00E+00	2.00E-02
			Be-7	<1.81E-01	0.00E+00	1.81E-01
			K-40	4.73E-01	2.44E-01	2.73E-01
Sample ID:	**618398**	**Sample Dates: 9/3/2024 - 9/10/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.03E-02	0.00E+00	4.03E-02
			Cs-134	<2.86E-02	0.00E+00	2.86E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.77E-01	0.00E+00	2.77E-01
			K-40	6.42E-01	3.32E-01	3.83E-01
Sample ID:	**619233**	**Sample Dates: 9/10/2024 - 9/17/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.62E-02	0.00E+00	5.62E-02
			Cs-134	<3.46E-02	0.00E+00	3.46E-02
			Cs-137	<2.95E-02	0.00E+00	2.95E-02
			Be-7	<2.54E-01	0.00E+00	2.54E-01
			K-40	8.42E-01	3.37E-01	2.66E-01
Sample ID:	**619743**	**Sample Dates: 9/17/2024 - 9/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.88E-02	0.00E+00	4.88E-02
			Cs-134	<3.32E-02	0.00E+00	3.32E-02
			Cs-137	<3.44E-02	0.00E+00	3.44E-02
			Be-7	<2.76E-01	0.00E+00	2.76E-01
			K-40	6.88E-01	3.30E-01	2.90E-01
Sample ID:	**619889**	**Sample Dates: 9/23/2024 - 9/30/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<5.40E-02	0.00E+00	5.40E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID: 619889 Sample Dates: 9/23/2024 - 9/30/2024

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.65E-01	0.00E+00	2.65E-01
K-40	<6.84E-01	0.00E+00	6.84E-01

Sample ID: 620319 Sample Dates: 9/30/2024 - 10/8/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.03E-02	0.00E+00	4.03E-02
Cs-134	<2.29E-02	0.00E+00	2.29E-02
Cs-137	<3.17E-02	0.00E+00	3.17E-02
Be-7	<1.97E-01	0.00E+00	1.97E-01
K-40	5.69E-01	3.06E-01	3.75E-01

Sample ID: 620643 Sample Dates: 10/8/2024 - 10/15/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.11E-02	0.00E+00	4.11E-02
Cs-134	<2.80E-02	0.00E+00	2.80E-02
Cs-137	<2.19E-02	0.00E+00	2.19E-02
Be-7	<2.51E-01	0.00E+00	2.51E-01
K-40	8.24E-01	3.32E-01	2.66E-01

Sample ID: 621207 Sample Dates: 10/15/2024 - 10/22/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.95E-02	0.00E+00	5.95E-02
Cs-134	<1.74E-02	0.00E+00	1.74E-02
Cs-137	<1.48E-02	0.00E+00	1.48E-02
Be-7	<1.78E-01	0.00E+00	1.78E-01
K-40	7.83E-01	2.62E-01	2.41E-01

Sample ID: 621607 Sample Dates: 10/22/2024 - 10/29/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.99E-02	0.00E+00	3.99E-02
Cs-134	<3.29E-02	0.00E+00	3.29E-02
Cs-137	<2.01E-02	0.00E+00	2.01E-02
Be-7	<2.25E-01	0.00E+00	2.25E-01
K-40	<8.23E-01	0.00E+00	8.23E-01

Sample ID: 621959 Sample Dates: 10/29/2024 - 11/4/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.81E-02	0.00E+00	4.81E-02
Cs-134	<3.31E-02	0.00E+00	3.31E-02
Cs-137	<2.83E-02	0.00E+00	2.83E-02
Be-7	<2.96E-01	0.00E+00	2.96E-01
K-40	7.31E-01	3.66E-01	3.92E-01

Sample ID: 622227 Sample Dates: 11/4/2024 - 11/11/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.33E-02	0.00E+00	3.33E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.61E-02	0.00E+00	2.61E-02
Be-7	<2.37E-01	0.00E+00	2.37E-01
K-40	<7.79E-01	0.00E+00	7.79E-01

Sample ID: 622576 Sample Dates: 11/11/2024 - 11/19/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.18E-02	0.00E+00	6.18E-02
Cs-134	<2.35E-02	0.00E+00	2.35E-02
Cs-137	<2.29E-02	0.00E+00	2.29E-02
Be-7	<1.89E-01	0.00E+00	1.89E-01
K-40	3.04E-01	2.53E-01	3.71E-01

Sample ID: 622865 Sample Dates: 11/19/2024 - 11/25/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.50E-02	0.00E+00	5.50E-02
Cs-134	<2.78E-02	0.00E+00	2.78E-02
Cs-137	<3.50E-02	0.00E+00	3.50E-02
Be-7	<3.26E-01	0.00E+00	3.26E-01
K-40	1.08E+00	4.29E-01	3.79E-01

Sample ID: 623196 Sample Dates: 11/25/2024 - 12/3/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.94E-02	0.00E+00	4.94E-02
Cs-134	<2.71E-02	0.00E+00	2.71E-02
Cs-137	<1.77E-02	0.00E+00	1.77E-02
Be-7	<1.74E-01	0.00E+00	1.74E-01
K-40	7.59E-01	3.07E-01	2.66E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 55 [INDICATOR - SSE @ 0.2 miles]

Sample ID:	624029	Sample Dates: 12/3/2024 - 12/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.08E-02	0.00E+00	4.08E-02
			Cs-134	<3.04E-02	0.00E+00	3.04E-02
			Cs-137	<1.98E-02	0.00E+00	1.98E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	<6.66E-01	0.00E+00	6.66E-01
Sample ID:	624555	Sample Dates: 12/10/2024 - 12/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.75E-02	0.00E+00	5.75E-02
			Cs-134	<1.46E-02	0.00E+00	1.46E-02
			Cs-137	<1.29E-02	0.00E+00	1.29E-02
			Be-7	<1.39E-01	0.00E+00	1.39E-01
			K-40	5.18E-01	1.84E-01	2.28E-01
Sample ID:	624670	Sample Dates: 12/17/2024 - 12/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.96E-02	0.00E+00	5.96E-02
			Cs-134	<2.16E-02	0.00E+00	2.16E-02
			Cs-137	<2.07E-02	0.00E+00	2.07E-02
			Be-7	<2.08E-01	0.00E+00	2.08E-01
			K-40	5.87E-01	2.97E-01	3.79E-01
Sample ID:	624985	Sample Dates: 12/23/2024 - 12/31/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.23E-02	0.00E+00	6.23E-02
			Cs-134	<2.31E-02	0.00E+00	2.31E-02
			Cs-137	<2.59E-02	0.00E+00	2.59E-02
			Be-7	<2.41E-01	0.00E+00	2.41E-01
			K-40	6.58E-01	2.85E-01	2.52E-01

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	602907	Sample Dates: 1/2/2024 - 1/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<1.90E-02	0.00E+00	1.90E-02
			Cs-134	<1.77E-02	0.00E+00	1.77E-02
			Cs-137	<1.32E-02	0.00E+00	1.32E-02
			Be-7	<1.59E-01	0.00E+00	1.59E-01
			K-40	5.10E-01	2.67E-01	3.23E-01
Sample ID:	603714	Sample Dates: 1/10/2024 - 1/17/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.68E-02	0.00E+00	5.68E-02
			Cs-134	<3.09E-02	0.00E+00	3.09E-02
			Cs-137	<2.24E-02	0.00E+00	2.24E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	<6.90E-01	0.00E+00	6.90E-01
Sample ID:	603932	Sample Dates: 1/17/2024 - 1/22/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.36E-02	0.00E+00	4.36E-02
			Cs-134	<1.81E-02	0.00E+00	1.81E-02
			Cs-137	<1.74E-02	0.00E+00	1.74E-02
			Be-7	<1.46E-01	0.00E+00	1.46E-01
			K-40	7.52E-01	2.52E-01	2.14E-01
Sample ID:	604186	Sample Dates: 1/22/2024 - 1/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.39E-02	0.00E+00	3.39E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	5.59E-01	2.42E-01	6.89E-02
Sample ID:	604501	Sample Dates: 1/30/2024 - 2/6/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.59E-02	0.00E+00	4.59E-02
			Cs-134	<2.01E-02	0.00E+00	2.01E-02
			Cs-137	<2.78E-02	0.00E+00	2.78E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	1.22E+00	3.86E-01	7.71E-02
Sample ID:	604770	Sample Dates: 2/6/2024 - 2/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.75E-02	0.00E+00	3.75E-02
			Cs-134	<3.48E-02	0.00E+00	3.48E-02
			Cs-137	<2.97E-02	0.00E+00	2.97E-02
			Be-7	<2.79E-01	0.00E+00	2.79E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	604770	Sample Dates: 2/6/2024 - 2/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			K-40	6.48E-01	3.00E-01	2.64E-01
Sample ID:	**605109**	**Sample Dates: 2/13/2024 - 2/20/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.61E-02	0.00E+00	4.61E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<1.98E-02	0.00E+00	1.98E-02
			Be-7	<2.67E-01	0.00E+00	2.67E-01
			K-40	6.78E-01	3.46E-01	4.09E-01
Sample ID:	**606233**	**Sample Dates: 2/20/2024 - 2/27/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.19E-02	0.00E+00	4.19E-02
			Cs-134	<2.36E-02	0.00E+00	2.36E-02
			Cs-137	<2.01E-02	0.00E+00	2.01E-02
			Be-7	<2.07E-01	0.00E+00	2.07E-01
			K-40	5.07E-01	3.59E-01	5.11E-01
Sample ID:	**607115**	**Sample Dates: 2/27/2024 - 3/5/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.20E-02	0.00E+00	4.20E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<2.30E-01	0.00E+00	2.30E-01
			K-40	7.17E-01	3.77E-01	4.70E-01
Sample ID:	**607639**	**Sample Dates: 3/5/2024 - 3/12/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.69E-02	0.00E+00	4.69E-02
			Cs-134	<2.02E-02	0.00E+00	2.02E-02
			Cs-137	<2.43E-02	0.00E+00	2.43E-02
			Be-7	<2.64E-01	0.00E+00	2.64E-01
			K-40	7.61E-01	3.40E-01	3.39E-01
Sample ID:	**608885**	**Sample Dates: 3/12/2024 - 3/19/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.80E-02	0.00E+00	4.80E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<2.79E-02	0.00E+00	2.79E-02
			Be-7	<2.06E-01	0.00E+00	2.06E-01
			K-40	7.62E-01	3.17E-01	2.42E-01
Sample ID:	**609298**	**Sample Dates: 3/19/2024 - 3/26/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<3.29E-02	0.00E+00	3.29E-02
			Cs-134	<2.80E-02	0.00E+00	2.80E-02
			Cs-137	<3.56E-02	0.00E+00	3.56E-02
			Be-7	<2.83E-01	0.00E+00	2.83E-01
			K-40	7.30E-01	2.92E-01	7.61E-02
Sample ID:	**609485**	**Sample Dates: 3/26/2024 - 4/2/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.91E-02	0.00E+00	4.91E-02
			Cs-134	<3.77E-02	0.00E+00	3.77E-02
			Cs-137	<2.77E-02	0.00E+00	2.77E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	1.16E+00	3.75E-01	7.69E-02
Sample ID:	**609903**	**Sample Dates: 4/2/2024 - 4/9/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.53E-02	0.00E+00	4.53E-02
			Cs-134	<2.06E-02	0.00E+00	2.06E-02
			Cs-137	<2.31E-02	0.00E+00	2.31E-02
			Be-7	<1.76E-01	0.00E+00	1.76E-01
			K-40	3.85E-01	2.44E-01	3.04E-01
Sample ID:	**610347**	**Sample Dates: 4/9/2024 - 4/16/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.50E-02	0.00E+00	4.50E-02
			Cs-134	<2.89E-02	0.00E+00	2.89E-02
			Cs-137	<2.66E-02	0.00E+00	2.66E-02
			Be-7	<2.27E-01	0.00E+00	2.27E-01
			K-40	<8.04E-01	0.00E+00	8.04E-01
Sample ID:	**610909**	**Sample Dates: 4/16/2024 - 4/23/2024**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
			I-131	<4.62E-02	0.00E+00	4.62E-02
			Cs-134	<3.07E-02	0.00E+00	3.07E-02
			Cs-137	<2.62E-02	0.00E+00	2.62E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	610909	Sample Dates: 4/16/2024 - 4/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			Be-7	<2.70E-01	0.00E+00	2.70E-01
			K-40	6.50E-01	3.19E-01	3.36E-01
Sample ID:	611167	Sample Dates: 4/23/2024 - 4/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.57E-02	0.00E+00	3.57E-02
			Cs-134	<3.46E-02	0.00E+00	3.46E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	<7.85E-01	0.00E+00	7.85E-01
Sample ID:	611497	Sample Dates: 4/30/2024 - 5/7/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.94E-02	0.00E+00	4.94E-02
			Cs-134	<2.18E-02	0.00E+00	2.18E-02
			Cs-137	<3.09E-02	0.00E+00	3.09E-02
			Be-7	<1.87E-01	0.00E+00	1.87E-01
			K-40	6.81E-01	3.53E-01	4.25E-01
Sample ID:	611752	Sample Dates: 5/7/2024 - 5/15/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.53E-02	0.00E+00	3.53E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<2.71E-02	0.00E+00	2.71E-02
			Be-7	<1.81E-01	0.00E+00	1.81E-01
			K-40	5.55E-01	2.65E-01	2.53E-01
Sample ID:	612262	Sample Dates: 5/15/2024 - 5/21/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.00E-02	0.00E+00	6.00E-02
			Cs-134	<1.96E-02	0.00E+00	1.96E-02
			Cs-137	<1.88E-02	0.00E+00	1.88E-02
			Be-7	<2.66E-01	0.00E+00	2.66E-01
			K-40	7.27E-01	2.97E-01	3.44E-01
Sample ID:	612531	Sample Dates: 5/21/2024 - 5/28/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.67E-02	0.00E+00	4.67E-02
			Cs-134	<3.03E-02	0.00E+00	3.03E-02
			Cs-137	<3.05E-02	0.00E+00	3.05E-02
			Be-7	<2.29E-01	0.00E+00	2.29E-01
			K-40	5.35E-01	2.49E-01	7.63E-02
Sample ID:	612692	Sample Dates: 5/28/2024 - 6/4/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.28E-02	0.00E+00	4.28E-02
			Cs-134	<3.29E-02	0.00E+00	3.29E-02
			Cs-137	<3.12E-02	0.00E+00	3.12E-02
			Be-7	<2.59E-01	0.00E+00	2.59E-01
			K-40	7.48E-01	2.99E-01	7.79E-02
Sample ID:	613536	Sample Dates: 6/4/2024 - 6/11/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.02E-02	0.00E+00	4.02E-02
			Cs-134	<2.85E-02	0.00E+00	2.85E-02
			Cs-137	<1.37E-02	0.00E+00	1.37E-02
			Be-7	<1.95E-01	0.00E+00	1.95E-01
			K-40	9.16E-01	3.58E-01	2.99E-01
Sample ID:	614056	Sample Dates: 6/11/2024 - 6/18/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.14E-02	0.00E+00	6.14E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<2.80E-02	0.00E+00	2.80E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	8.04E-01	3.62E-01	4.04E-01
Sample ID:	614293	Sample Dates: 6/18/2024 - 6/25/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.40E-02	0.00E+00	4.40E-02
			Cs-134	<3.25E-02	0.00E+00	3.25E-02
			Cs-137	<2.22E-02	0.00E+00	2.22E-02
			Be-7	<2.05E-01	0.00E+00	2.05E-01
			K-40	5.21E-01	2.74E-01	2.76E-01
Sample ID:	614456	Sample Dates: 6/25/2024 - 7/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.70E-02	0.00E+00	5.70E-02
			Cs-134	<3.21E-02	0.00E+00	3.21E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	614456	Sample Dates: 6/25/2024 - 7/2/2024	Nuclide	Activity	2 Sigma Error	MDA
			Cs-137	<2.88E-02	0.00E+00	2.88E-02
			Be-7	<2.33E-01	0.00E+00	2.33E-01
			K-40	<6.99E-01	0.00E+00	6.99E-01
Sample ID:	614661	Sample Dates: 7/2/2024 - 7/9/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.77E-02	0.00E+00	5.77E-02
			Cs-134	<3.53E-02	0.00E+00	3.53E-02
			Cs-137	<2.85E-02	0.00E+00	2.85E-02
			Be-7	<2.82E-01	0.00E+00	2.82E-01
			K-40	<7.84E-01	0.00E+00	7.84E-01
Sample ID:	614966	Sample Dates: 7/9/2024 - 7/16/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.01E-02	0.00E+00	6.01E-02
			Cs-134	<2.78E-02	0.00E+00	2.78E-02
			Cs-137	<2.37E-02	0.00E+00	2.37E-02
			Be-7	<2.39E-01	0.00E+00	2.39E-01
			K-40	8.33E-01	3.11E-01	7.52E-02
Sample ID:	615621	Sample Dates: 7/16/2024 - 7/23/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.38E-02	0.00E+00	4.38E-02
			Cs-134	<3.34E-02	0.00E+00	3.34E-02
			Cs-137	<3.17E-02	0.00E+00	3.17E-02
			Be-7	<2.20E-01	0.00E+00	2.20E-01
			K-40	6.75E-01	3.18E-01	3.07E-01
Sample ID:	616337	Sample Dates: 7/23/2024 - 7/30/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.17E-02	0.00E+00	6.17E-02
			Cs-134	<2.71E-02	0.00E+00	2.71E-02
			Cs-137	<2.30E-02	0.00E+00	2.30E-02
			Be-7	<1.95E-01	0.00E+00	1.95E-01
			K-40	4.73E-01	2.71E-01	3.38E-01
Sample ID:	616480	Sample Dates: 7/30/2024 - 8/5/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.23E-02	0.00E+00	4.23E-02
			Cs-134	<4.28E-02	0.00E+00	4.28E-02
			Cs-137	<3.10E-02	0.00E+00	3.10E-02
			Be-7	<2.86E-01	0.00E+00	2.86E-01
			K-40	5.17E-01	4.62E-01	7.12E-01
Sample ID:	617008	Sample Dates: 8/5/2024 - 8/13/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.31E-02	0.00E+00	3.31E-02
			Cs-134	<2.49E-02	0.00E+00	2.49E-02
			Cs-137	<1.95E-02	0.00E+00	1.95E-02
			Be-7	<1.97E-01	0.00E+00	1.97E-01
			K-40	6.98E-01	2.70E-01	6.76E-02
Sample ID:	617244	Sample Dates: 8/13/2024 - 8/20/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<3.36E-02	0.00E+00	3.36E-02
			Cs-134	<3.38E-02	0.00E+00	3.38E-02
			Cs-137	<3.03E-02	0.00E+00	3.03E-02
			Be-7	<2.19E-01	0.00E+00	2.19E-01
			K-40	8.02E-01	3.49E-01	3.51E-01
Sample ID:	617861	Sample Dates: 8/20/2024 - 8/26/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.88E-02	0.00E+00	4.88E-02
			Cs-134	<2.37E-02	0.00E+00	2.37E-02
			Cs-137	<2.03E-02	0.00E+00	2.03E-02
			Be-7	<2.01E-01	0.00E+00	2.01E-01
			K-40	1.21E+00	4.47E-01	3.72E-01
Sample ID:	618171	Sample Dates: 8/26/2024 - 9/3/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.46E-02	0.00E+00	5.46E-02
			Cs-134	<2.30E-02	0.00E+00	2.30E-02
			Cs-137	<1.96E-02	0.00E+00	1.96E-02
			Be-7	<2.32E-01	0.00E+00	2.32E-01
			K-40	6.39E-01	2.77E-01	2.33E-01
Sample ID:	618400	Sample Dates: 9/3/2024 - 9/10/2024	Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.12E-02	0.00E+00	4.12E-02

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID: 618400 Sample Dates: 9/3/2024 - 9/10/2024

Nuclide	Activity	2 Sigma Error	MDA
Cs-134	<3.25E-02	0.00E+00	3.25E-02
Cs-137	<2.22E-02	0.00E+00	2.22E-02
Be-7	<2.54E-01	0.00E+00	2.54E-01
K-40	6.88E-01	3.13E-01	2.89E-01

Sample ID: 619235 Sample Dates: 9/10/2024 - 9/17/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.13E-02	0.00E+00	6.13E-02
Cs-134	<2.76E-02	0.00E+00	2.76E-02
Cs-137	<2.08E-02	0.00E+00	2.08E-02
Be-7	<2.35E-01	0.00E+00	2.35E-01
K-40	<6.24E-01	0.00E+00	6.24E-01

Sample ID: 619745 Sample Dates: 9/17/2024 - 9/23/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.14E-02	0.00E+00	4.14E-02
Cs-134	<2.72E-02	0.00E+00	2.72E-02
Cs-137	<3.05E-02	0.00E+00	3.05E-02
Be-7	<3.10E-01	0.00E+00	3.10E-01
K-40	9.98E-01	3.73E-01	9.02E-02

Sample ID: 619891 Sample Dates: 9/23/2024 - 9/30/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.94E-02	0.00E+00	4.94E-02
Cs-134	<3.26E-02	0.00E+00	3.26E-02
Cs-137	<2.23E-02	0.00E+00	2.23E-02
Be-7	<2.58E-01	0.00E+00	2.58E-01
K-40	5.57E-01	3.46E-01	4.61E-01

Sample ID: 620321 Sample Dates: 9/30/2024 - 10/8/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.04E-02	0.00E+00	4.04E-02
Cs-134	<2.28E-02	0.00E+00	2.28E-02
Cs-137	<1.95E-02	0.00E+00	1.95E-02
Be-7	<2.05E-01	0.00E+00	2.05E-01
K-40	6.61E-01	3.47E-01	4.42E-01

Sample ID: 620645 Sample Dates: 10/8/2024 - 10/15/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<3.86E-02	0.00E+00	3.86E-02
Cs-134	<2.83E-02	0.00E+00	2.83E-02
Cs-137	<2.42E-02	0.00E+00	2.42E-02
Be-7	<2.55E-01	0.00E+00	2.55E-01
K-40	7.75E-01	3.63E-01	4.06E-01

Sample ID: 621209 Sample Dates: 10/15/2024 - 10/22/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<6.26E-02	0.00E+00	6.26E-02
Cs-134	<2.94E-02	0.00E+00	2.94E-02
Cs-137	<2.28E-02	0.00E+00	2.28E-02
Be-7	<2.11E-01	0.00E+00	2.11E-01
K-40	9.46E-01	3.54E-01	3.74E-01

Sample ID: 621609 Sample Dates: 10/22/2024 - 10/29/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.61E-02	0.00E+00	4.61E-02
Cs-134	<2.60E-02	0.00E+00	2.60E-02
Cs-137	<2.94E-02	0.00E+00	2.94E-02
Be-7	<1.85E-01	0.00E+00	1.85E-01
K-40	8.70E-01	3.79E-01	4.07E-01

Sample ID: 621961 Sample Dates: 10/29/2024 - 11/4/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<4.71E-02	0.00E+00	4.71E-02
Cs-134	<4.01E-02	0.00E+00	4.01E-02
Cs-137	<3.92E-02	0.00E+00	3.92E-02
Be-7	<3.28E-01	0.00E+00	3.28E-01
K-40	6.38E-01	3.78E-01	4.80E-01

Sample ID: 622229 Sample Dates: 11/4/2024 - 11/11/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<5.00E-02	0.00E+00	5.00E-02
Cs-134	<3.60E-02	0.00E+00	3.60E-02
Cs-137	<2.93E-02	0.00E+00	2.93E-02
Be-7	<2.52E-01	0.00E+00	2.52E-01
K-40	<8.02E-01	0.00E+00	8.02E-01

Media Type: AIR RADIOIODINE Concentration (Activity): pCi/m3

Sample Point 60 [INDICATOR - SE @ 0.2 miles]

Sample ID:	622578	Sample Dates: 11/11/2024 - 11/19/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.73E-02	0.00E+00	5.73E-02
			Cs-134	<2.05E-02	0.00E+00	2.05E-02
			Cs-137	<2.40E-02	0.00E+00	2.40E-02
			Be-7	<1.92E-01	0.00E+00	1.92E-01
			K-40	5.76E-01	2.63E-01	3.04E-01
Sample ID:	622867	Sample Dates: 11/19/2024 - 11/25/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.72E-02	0.00E+00	5.72E-02
			Cs-134	<2.81E-02	0.00E+00	2.81E-02
			Cs-137	<2.92E-02	0.00E+00	2.92E-02
			Be-7	<2.83E-01	0.00E+00	2.83E-01
			K-40	1.01E+00	4.02E-01	3.02E-01
Sample ID:	623198	Sample Dates: 11/25/2024 - 12/3/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.56E-02	0.00E+00	4.56E-02
			Cs-134	<1.41E-02	0.00E+00	1.41E-02
			Cs-137	<2.96E-02	0.00E+00	2.96E-02
			Be-7	<1.43E-01	0.00E+00	1.43E-01
			K-40	7.91E-01	3.05E-01	2.32E-01
Sample ID:	624031	Sample Dates: 12/3/2024 - 12/10/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			I-131	<4.42E-02	0.00E+00	4.42E-02
			Cs-134	<2.83E-02	0.00E+00	2.83E-02
			Cs-137	<3.08E-02	0.00E+00	3.08E-02
			Be-7	<1.94E-01	0.00E+00	1.94E-01
			K-40	8.23E-01	3.70E-01	4.02E-01
Sample ID:	624557	Sample Dates: 12/10/2024 - 12/17/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.29E-02	0.00E+00	6.29E-02
			Cs-134	<1.78E-02	0.00E+00	1.78E-02
			Cs-137	<1.31E-02	0.00E+00	1.31E-02
			Be-7	<1.35E-01	0.00E+00	1.35E-01
			K-40	8.03E-01	1.93E-01	1.44E-01
Sample ID:	624672	Sample Dates: 12/17/2024 - 12/23/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			I-131	<5.72E-02	0.00E+00	5.72E-02
			Cs-134	<2.79E-02	0.00E+00	2.79E-02
			Cs-137	<1.97E-02	0.00E+00	1.97E-02
			Be-7	<1.98E-01	0.00E+00	1.98E-01
			K-40	9.43E-01	2.72E-01	4.91E-02
Sample ID:	624987	Sample Dates: 12/23/2024 - 12/31/2024				
			Nuclide	Activity	2 Sigma Error	MDA
			I-131	<6.22E-02	0.00E+00	6.22E-02
			Cs-134	<2.63E-02	0.00E+00	2.63E-02
			Cs-137	<2.38E-02	0.00E+00	2.38E-02
			Be-7	<2.71E-01	0.00E+00	2.71E-01
			K-40	<5.47E-01	0.00E+00	5.47E-01

Media Type: CROPS Concentration (Activity): pCi/kg wet

Sample Point 54 [INDICATOR - E @ 10.1 miles]

Sample ID:	615150	Sample Dates: 6/18/2024 - 6/18/2024	GRAIN				
				Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.86E+01	0.00E+00	1.86E+01
				Co-58	<2.11E+01	0.00E+00	2.11E+01
				Fe-59	<5.67E+01	0.00E+00	5.67E+01
				Co-60	<1.64E+01	0.00E+00	1.64E+01
				Zn-65	<7.15E+01	0.00E+00	7.15E+01
				Zr-95	<4.66E+01	0.00E+00	4.66E+01
				Nb-95	<2.31E+01	0.00E+00	2.31E+01
				I-131	<3.06E+01	0.00E+00	3.06E+01
				Cs-134	<2.27E+01	0.00E+00	2.27E+01
				Cs-137	<2.10E+01	0.00E+00	2.10E+01
				BaLa-140	<1.06E+01	0.00E+00	1.06E+01
				Be-7	<1.46E+02	0.00E+00	1.46E+02
				K-40	4.16E+03	7.14E+02	2.87E+02
Sample ID:	625715	Sample Dates: 12/18/2024 - 12/18/2024	BEANS				
				Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.34E+01	0.00E+00	1.34E+01

Media Type: CROPS Concentration (Activity): pCi/kg wet
Sample Point 54 [INDICATOR - E @ 10.1 miles]

Sample ID: 625715 **Sample Dates: 12/18/2024 - 12/18/2024** **BEANS**

Nuclide	Activity	2 Sigma Error	MDA
Co-58	<1.45E+01	0.00E+00	1.45E+01
Fe-59	<4.23E+01	0.00E+00	4.23E+01
Co-60	<1.69E+01	0.00E+00	1.69E+01
Zn-65	<4.27E+01	0.00E+00	4.27E+01
Zr-95	<2.50E+01	0.00E+00	2.50E+01
Nb-95	<1.74E+01	0.00E+00	1.74E+01
I-131	<2.87E+01	0.00E+00	2.87E+01
Cs-134	<1.53E+01	0.00E+00	1.53E+01
Cs-137	<1.94E+01	0.00E+00	1.94E+01
BaLa-140	<2.15E+01	0.00E+00	2.15E+01
Be-7	<1.22E+02	0.00E+00	1.22E+02
K-40	1.52E+04	1.38E+03	2.44E+02

Media Type: FISH Concentration (Activity): pCi/kg wet
Sample Point 45 [INDICATOR - @ 0 miles]

Sample ID: 611991 **Sample Dates: 5/10/2024 - 5/10/2024** **BOTMFEEDER**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.94E+01	0.00E+00	5.94E+01
Co-58	<4.71E+01	0.00E+00	4.71E+01
Fe-59	<1.14E+02	0.00E+00	1.14E+02
Co-60	<5.64E+01	0.00E+00	5.64E+01
Zn-65	<9.36E+01	0.00E+00	9.36E+01
Nb-95	<5.94E+01	0.00E+00	5.94E+01
I-131	<7.59E+01	0.00E+00	7.59E+01
Cs-134	<5.81E+01	0.00E+00	5.81E+01
Cs-137	<5.61E+01	0.00E+00	5.61E+01
Be-7	<3.45E+02	0.00E+00	3.45E+02
K-40	4.47E+03	9.77E+02	6.47E+02
Ag-110M	<4.00E+01	0.00E+00	4.00E+01
Sb-122	<2.19E+02	0.00E+00	2.19E+02
Sb-125	<1.30E+02	0.00E+00	1.30E+02

Sample ID: 611992 **Sample Dates: 5/10/2024 - 5/10/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.19E+01	0.00E+00	5.19E+01
Co-58	<6.50E+01	0.00E+00	6.50E+01
Fe-59	<1.44E+02	0.00E+00	1.44E+02
Co-60	<5.78E+01	0.00E+00	5.78E+01
Zn-65	<1.21E+02	0.00E+00	1.21E+02
Nb-95	<5.83E+01	0.00E+00	5.83E+01
I-131	<1.08E+02	0.00E+00	1.08E+02
Cs-134	<7.77E+01	0.00E+00	7.77E+01
Cs-137	<9.77E+01	0.00E+00	9.77E+01
Be-7	<4.78E+02	0.00E+00	4.78E+02
K-40	5.52E+03	1.12E+03	1.30E+02
Ag-110M	<7.15E+01	0.00E+00	7.15E+01
Sb-122	<3.66E+02	0.00E+00	3.66E+02
Sb-125	<1.74E+02	0.00E+00	1.74E+02

Sample ID: 622501 **Sample Dates: 11/12/2024 - 11/13/2024** **BOTMFEEDER**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.29E+01	0.00E+00	5.29E+01
Co-58	<5.01E+01	0.00E+00	5.01E+01
Fe-59	<7.86E+01	0.00E+00	7.86E+01
Co-60	<5.97E+01	0.00E+00	5.97E+01
Zn-65	<9.92E+01	0.00E+00	9.92E+01
Nb-95	<6.34E+01	0.00E+00	6.34E+01
I-131	<8.56E+01	0.00E+00	8.56E+01
Cs-134	<5.91E+01	0.00E+00	5.91E+01
Cs-137	<7.39E+01	0.00E+00	7.39E+01
Be-7	<3.97E+02	0.00E+00	3.97E+02
K-40	4.25E+03	9.16E+02	1.14E+02
Ag-110M	<3.77E+01	0.00E+00	3.77E+01
Sb-122	<2.32E+02	0.00E+00	2.32E+02
Sb-125	<1.38E+02	0.00E+00	1.38E+02

Sample ID: 622502 **Sample Dates: 11/12/2024 - 11/13/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.49E+01	0.00E+00	5.49E+01
Co-58	<6.91E+01	0.00E+00	6.91E+01

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 45 [INDICATOR - @ 0 miles]

Sample ID:	622502	Sample Dates: 11/12/2024 - 11/13/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Fe-59	<1.43E+02	0.00E+00	1.43E+02
				Co-60	<4.91E+01	0.00E+00	4.91E+01
				Zn-65	<1.23E+02	0.00E+00	1.23E+02
				Nb-95	<6.89E+01	0.00E+00	6.89E+01
				I-131	<9.41E+01	0.00E+00	9.41E+01
				Cs-134	<6.42E+01	0.00E+00	6.42E+01
				Cs-137	<7.88E+01	0.00E+00	7.88E+01
				Be-7	<5.11E+02	0.00E+00	5.11E+02
				K-40	3.73E+03	9.85E+02	8.63E+02
				Ag-110M	<6.36E+01	0.00E+00	6.36E+01
				Sb-122	<4.85E+02	0.00E+00	4.85E+02
				Sb-125	<1.44E+02	0.00E+00	1.44E+02

Sample Point 46 [INDICATOR - @ 0 miles]

Sample ID:	611993	Sample Dates: 5/9/2024 - 5/9/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<4.34E+01	0.00E+00	4.34E+01
				Co-58	<6.26E+01	0.00E+00	6.26E+01
				Fe-59	<1.30E+02	0.00E+00	1.30E+02
				Co-60	<3.18E+01	0.00E+00	3.18E+01
				Zn-65	<1.09E+02	0.00E+00	1.09E+02
				Nb-95	<4.69E+01	0.00E+00	4.69E+01
				I-131	<9.82E+01	0.00E+00	9.82E+01
				Cs-134	<5.16E+01	0.00E+00	5.16E+01
				Cs-137	<7.33E+01	0.00E+00	7.33E+01
				Be-7	<3.56E+02	0.00E+00	3.56E+02
				K-40	4.60E+03	9.66E+02	1.17E+02
				Ag-110M	<4.51E+01	0.00E+00	4.51E+01
				Sb-122	<4.02E+02	0.00E+00	4.02E+02
				Sb-125	<1.56E+02	0.00E+00	1.56E+02
Sample ID:	611994	Sample Dates: 5/9/2024 - 5/9/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<4.80E+01	0.00E+00	4.80E+01
				Co-58	<4.74E+01	0.00E+00	4.74E+01
				Fe-59	<1.33E+02	0.00E+00	1.33E+02
				Co-60	<3.92E+01	0.00E+00	3.92E+01
				Zn-65	<1.06E+02	0.00E+00	1.06E+02
				Nb-95	<5.18E+01	0.00E+00	5.18E+01
				I-131	<8.41E+01	0.00E+00	8.41E+01
				Cs-134	<5.89E+01	0.00E+00	5.89E+01
				Cs-137	<7.48E+01	0.00E+00	7.48E+01
				Be-7	<3.92E+02	0.00E+00	3.92E+02
				K-40	3.88E+03	9.71E+02	8.40E+02
				Ag-110M	<4.43E+01	0.00E+00	4.43E+01
				Sb-122	<4.28E+02	0.00E+00	4.28E+02
				Sb-125	<1.12E+02	0.00E+00	1.12E+02
Sample ID:	622503	Sample Dates: 11/13/2024 - 11/13/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<6.13E+01	0.00E+00	6.13E+01
				Co-58	<7.04E+01	0.00E+00	7.04E+01
				Fe-59	<1.14E+02	0.00E+00	1.14E+02
				Co-60	<7.87E+01	0.00E+00	7.87E+01
				Zn-65	<1.11E+02	0.00E+00	1.11E+02
				Nb-95	<6.97E+01	0.00E+00	6.97E+01
				I-131	<8.10E+01	0.00E+00	8.10E+01
				Cs-134	<7.12E+01	0.00E+00	7.12E+01
				Cs-137	<6.61E+01	0.00E+00	6.61E+01
				Be-7	<5.17E+02	0.00E+00	5.17E+02
				K-40	4.43E+03	9.79E+02	1.28E+02
				Ag-110M	<5.38E+01	0.00E+00	5.38E+01
				Sb-122	<4.53E+02	0.00E+00	4.53E+02
				Sb-125	<1.47E+02	0.00E+00	1.47E+02
Sample ID:	622504	Sample Dates: 11/13/2024 - 11/13/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<5.22E+01	0.00E+00	5.22E+01
				Co-58	<3.50E+01	0.00E+00	3.50E+01
				Fe-59	<9.81E+01	0.00E+00	9.81E+01

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 46 [INDICATOR - @ 0 miles]

Sample ID:	622504	Sample Dates: 11/13/2024 - 11/13/2024	FREESWIM	Nuclide	Activity	2 Sigma Error	MDA
				Co-60	<5.26E+01	0.00E+00	5.26E+01
				Zn-65	<5.75E+01	0.00E+00	5.75E+01
				Nb-95	<5.80E+01	0.00E+00	5.80E+01
				I-131	<7.24E+01	0.00E+00	7.24E+01
				Cs-134	<4.21E+01	0.00E+00	4.21E+01
				Cs-137	<5.54E+01	0.00E+00	5.54E+01
				Be-7	<3.92E+02	0.00E+00	3.92E+02
				K-40	4.69E+03	1.06E+03	7.58E+02
				Ag-110M	<4.38E+01	0.00E+00	4.38E+01
				Sb-122	<2.88E+02	0.00E+00	2.88E+02
				Sb-125	<1.35E+02	0.00E+00	1.35E+02

Sample Point 47 [CONTROL - @ 0 miles]

Sample ID:	611995	Sample Dates: 5/9/2024 - 5/9/2024	BOTMFEEDER	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<4.25E+01	0.00E+00	4.25E+01
				Co-58	<4.45E+01	0.00E+00	4.45E+01
				Fe-59	<1.24E+02	0.00E+00	1.24E+02
				Co-60	<5.89E+01	0.00E+00	5.89E+01
				Zn-65	<9.67E+01	0.00E+00	9.67E+01
				Nb-95	<7.69E+01	0.00E+00	7.69E+01
				I-131	<8.42E+01	0.00E+00	8.42E+01
				Cs-134	<7.06E+01	0.00E+00	7.06E+01
				Cs-137	<5.94E+01	0.00E+00	5.94E+01
				Be-7	<4.10E+02	0.00E+00	4.10E+02
				K-40	4.67E+03	1.09E+03	8.93E+02
				Ag-110M	<4.98E+01	0.00E+00	4.98E+01
				Sb-122	<5.51E+02	0.00E+00	5.51E+02
				Sb-125	<1.34E+02	0.00E+00	1.34E+02
Sample ID:	**611996**	**Sample Dates: 5/9/2024 - 5/9/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<6.45E+01	0.00E+00	6.45E+01
				Co-58	<5.96E+01	0.00E+00	5.96E+01
				Fe-59	<9.62E+01	0.00E+00	9.62E+01
				Co-60	<6.70E+01	0.00E+00	6.70E+01
				Zn-65	<1.14E+02	0.00E+00	1.14E+02
				Nb-95	<7.18E+01	0.00E+00	7.18E+01
				I-131	<9.54E+01	0.00E+00	9.54E+01
				Cs-134	<6.13E+01	0.00E+00	6.13E+01
				Cs-137	<8.38E+01	0.00E+00	8.38E+01
				Be-7	<4.95E+02	0.00E+00	4.95E+02
				K-40	4.84E+03	1.01E+03	4.71E+02
				Ag-110M	<5.19E+01	0.00E+00	5.19E+01
				Sb-122	<4.49E+02	0.00E+00	4.49E+02
				Sb-125	<1.40E+02	0.00E+00	1.40E+02
Sample ID:	**622505**	**Sample Dates: 11/13/2024 - 11/13/2024**	**BOTMFEEDER**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<5.40E+01	0.00E+00	5.40E+01
				Co-58	<7.03E+01	0.00E+00	7.03E+01
				Fe-59	<1.40E+02	0.00E+00	1.40E+02
				Co-60	<5.25E+01	0.00E+00	5.25E+01
				Zn-65	<1.15E+02	0.00E+00	1.15E+02
				Nb-95	<1.02E+02	0.00E+00	1.02E+02
				I-131	<4.15E+02	0.00E+00	4.15E+02
				Cs-134	<5.61E+01	0.00E+00	5.61E+01
				Cs-137	<5.91E+01	0.00E+00	5.91E+01
				Be-7	<6.31E+02	0.00E+00	6.31E+02
				K-40	4.12E+03	9.95E+02	7.80E+02
				Ag-110M	<4.80E+01	0.00E+00	4.80E+01
				Sb-122	<3.50E+04	0.00E+00	3.50E+04
				Sb-125	<1.18E+02	0.00E+00	1.18E+02
Sample ID:	**622506**	**Sample Dates: 11/13/2024 - 11/13/2024**	**FREESWIM**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<7.03E+01	0.00E+00	7.03E+01
				Co-58	<6.96E+01	0.00E+00	6.96E+01
				Fe-59	<1.78E+02	0.00E+00	1.78E+02
				Co-60	<6.23E+01	0.00E+00	6.23E+01

Media Type: FISH Concentration (Activity): pCi/kg wet

Sample Point 47 [CONTROL - @ 0 miles]

Sample ID: 622506 **Sample Dates: 11/13/2024 - 11/13/2024** **FREESWIM**

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<1.27E+02	0.00E+00	1.27E+02
Nb-95	<9.56E+01	0.00E+00	9.56E+01
I-131	<5.86E+02	0.00E+00	5.86E+02
Cs-134	<7.05E+01	0.00E+00	7.05E+01
Cs-137	<6.71E+01	0.00E+00	6.71E+01
Be-7	<7.14E+02	0.00E+00	7.14E+02
K-40	5.48E+03	1.18E+03	5.89E+02
Ag-110M	<5.18E+01	0.00E+00	5.18E+01
Sb-122	<6.09E+04	0.00E+00	6.09E+04
Sb-125	<1.65E+02	0.00E+00	1.65E+02

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 64 [INDICATOR - SE @ 0.6 miles]

Sample ID: 602455 **Sample Dates: 1/30/2024 - 1/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.47E+00	0.00E+00	5.47E+00
Co-58	<6.12E+00	0.00E+00	6.12E+00
Fe-59	<1.06E+01	0.00E+00	1.06E+01
Co-60	<7.01E+00	0.00E+00	7.01E+00
Zn-65	<1.47E+01	0.00E+00	1.47E+01
Zr-95	<1.10E+01	0.00E+00	1.10E+01
Nb-95	<6.17E+00	0.00E+00	6.17E+00
I-131	<7.35E+00	0.00E+00	7.35E+00
Cs-134	<6.88E+00	0.00E+00	6.88E+00
Cs-137	<5.97E+00	0.00E+00	5.97E+00
BaLa-140	<8.43E+00	0.00E+00	8.43E+00
Be-7	<4.98E+01	0.00E+00	4.98E+01
K-40	1.18E+02	7.78E+01	1.15E+02
H3GW	<9.65E+01	0.00E+00	1.96E+02

Sample ID: 609246 **Sample Dates: 4/15/2024 - 4/15/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.13E+00	0.00E+00	6.13E+00
Co-58	<5.23E+00	0.00E+00	5.23E+00
Fe-59	<8.40E+00	0.00E+00	8.40E+00
Co-60	<5.29E+00	0.00E+00	5.29E+00
Zn-65	<1.26E+01	0.00E+00	1.26E+01
Zr-95	<1.15E+01	0.00E+00	1.15E+01
Nb-95	<6.23E+00	0.00E+00	6.23E+00
I-131	<8.81E+00	0.00E+00	8.81E+00
Cs-134	<6.65E+00	0.00E+00	6.65E+00
Cs-137	<4.16E+00	0.00E+00	4.16E+00
BaLa-140	<6.83E+00	0.00E+00	6.83E+00
Be-7	<4.48E+01	0.00E+00	4.48E+01
K-40	1.58E+02	6.50E+01	7.50E+01
H3GW	<6.38E+01	0.00E+00	1.89E+02

Sample ID: 614229 **Sample Dates: 7/8/2024 - 7/8/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.36E+00	0.00E+00	6.36E+00
Co-58	<7.01E+00	0.00E+00	7.01E+00
Fe-59	<1.47E+01	0.00E+00	1.47E+01
Co-60	<7.30E+00	0.00E+00	7.30E+00
Zn-65	<1.23E+01	0.00E+00	1.23E+01
Zr-95	<1.15E+01	0.00E+00	1.15E+01
Nb-95	<6.74E+00	0.00E+00	6.74E+00
I-131	<1.25E+01	0.00E+00	1.25E+01
Cs-134	<6.62E+00	0.00E+00	6.62E+00
Cs-137	<6.77E+00	0.00E+00	6.77E+00
BaLa-140	<1.19E+01	0.00E+00	1.19E+01
Be-7	<6.79E+01	0.00E+00	6.79E+01
K-40	1.89E+02	6.47E+01	4.83E+01
H3GW	<-2.0E+01	0.00E+00	1.88E+02

Sample ID: 619696 **Sample Dates: 9/30/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<6.27E+00	0.00E+00	6.27E+00
Co-58	<6.53E+00	0.00E+00	6.53E+00
Fe-59	<1.61E+01	0.00E+00	1.61E+01
Co-60	<6.18E+00	0.00E+00	6.18E+00

Media Type: GROUND WATER Concentration (Activity): pCi/l

Sample Point 64 [INDICATOR - SE @ 0.6 miles]

Sample ID: 619696 **Sample Dates: 9/30/2024 - 9/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<1.57E+01	0.00E+00	1.57E+01
Zr-95	<1.31E+01	0.00E+00	1.31E+01
Nb-95	<7.40E+00	0.00E+00	7.40E+00
I-131	<6.89E+00	0.00E+00	6.89E+00
Cs-134	<7.53E+00	0.00E+00	7.53E+00
Cs-137	<8.31E+00	0.00E+00	8.31E+00
BaLa-140	<1.05E+01	0.00E+00	1.05E+01
Be-7	<4.98E+01	0.00E+00	4.98E+01
K-40	1.87E+02	7.90E+01	9.48E+01
H3GW	<-5.8E+01	0.00E+00	1.94E+02

Media Type: SEDIMENT_SHORE Concentration (Activity): pCi/kg dry

Sample Point 44 [INDICATOR - NNE @ 1.6 miles]

Sample ID: 593705 **Sample Dates: 1/17/2024 - 1/17/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.53E+01	0.00E+00	4.53E+01
Co-58	<2.57E+01	0.00E+00	2.57E+01
Fe-59	<8.97E+01	0.00E+00	8.97E+01
Co-60	<3.26E+01	0.00E+00	3.26E+01
Zn-65	<9.65E+01	0.00E+00	9.65E+01
Zr-95	<5.72E+01	0.00E+00	5.72E+01
Nb-95	<6.05E+01	0.00E+00	6.05E+01
I-131	<1.11E+02	0.00E+00	1.11E+02
Cs-134	<5.66E+01	0.00E+00	5.66E+01
Cs-137	<3.33E+01	0.00E+00	3.33E+01
Be-7	<4.12E+02	0.00E+00	4.12E+02
K-40	1.01E+03	4.30E+02	1.19E+02
Co-57	<3.48E+01	0.00E+00	3.48E+01
Mo-99	<1.25E+04	0.00E+00	1.25E+04
Ag-110M	<4.00E+01	0.00E+00	4.00E+01
Sb-122	<1.62E+03	0.00E+00	1.62E+03
Sb-125	<1.19E+02	0.00E+00	1.19E+02

Sample ID: 605080 **Sample Dates: 7/16/2024 - 7/16/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.90E+01	0.00E+00	5.90E+01
Co-58	<4.05E+01	0.00E+00	4.05E+01
Fe-59	<6.72E+01	0.00E+00	6.72E+01
Co-60	<5.59E+01	0.00E+00	5.59E+01
Zn-65	<9.15E+01	0.00E+00	9.15E+01
Zr-95	<1.05E+02	0.00E+00	1.05E+02
Nb-95	<5.95E+01	0.00E+00	5.95E+01
I-131	<1.26E+02	0.00E+00	1.26E+02
Cs-134	<4.50E+01	0.00E+00	4.50E+01
Cs-137	<4.57E+01	0.00E+00	4.57E+01
Be-7	<5.93E+02	0.00E+00	5.93E+02
K-40	<8.70E+02	0.00E+00	8.70E+02
Co-57	<3.52E+01	0.00E+00	3.52E+01
Mo-99	<1.81E+04	0.00E+00	1.81E+04
Ag-110M	<3.23E+01	0.00E+00	3.23E+01
Sb-122	<3.07E+03	0.00E+00	3.07E+03
Sb-125	<1.30E+02	0.00E+00	1.30E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 40 [INDICATOR - ESE @ 0.6 miles]

Sample ID: 604417 **Sample Dates: 12/27/2023 - 1/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.28E+00	0.00E+00	2.28E+00
Co-58	<2.94E+00	0.00E+00	2.94E+00
Fe-59	<5.09E+00	0.00E+00	5.09E+00
Co-60	<2.11E+00	0.00E+00	2.11E+00
Zn-65	<4.54E+00	0.00E+00	4.54E+00
Zr-95	<4.90E+00	0.00E+00	4.90E+00
Nb-95	<2.83E+00	0.00E+00	2.83E+00
I-131	<1.21E+01	0.00E+00	1.21E+01
Cs-134	<2.44E+00	0.00E+00	2.44E+00
Cs-137	<1.93E+00	0.00E+00	1.93E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 40 [INDICATOR - ESE @ 0.6 miles]

Sample ID: 604417 Sample Dates: 12/27/2023 - 1/30/2024

Nuclide	Activity	2 Sigma Error	MDA
BaLa-140	<6.58E+00	0.00E+00	6.58E+00
Be-7	<2.10E+01	0.00E+00	2.10E+01
K-40	8.13E+01	2.68E+01	3.29E+01
H3SW	5.33E+02	1.39E+02	2.10E+02

Sample ID: 606844 Sample Dates: 1/30/2024 - 2/27/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.69E+00	0.00E+00	3.69E+00
Co-58	<4.22E+00	0.00E+00	4.22E+00
Fe-59	<7.63E+00	0.00E+00	7.63E+00
Co-60	<3.24E+00	0.00E+00	3.24E+00
Zn-65	<6.39E+00	0.00E+00	6.39E+00
Zr-95	<6.43E+00	0.00E+00	6.43E+00
Nb-95	<4.22E+00	0.00E+00	4.22E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.98E+00	0.00E+00	3.98E+00
Cs-137	<2.36E+00	0.00E+00	2.36E+00
BaLa-140	<1.74E+00	0.00E+00	1.74E+00
Be-7	<3.09E+01	0.00E+00	3.09E+01
K-40	1.12E+02	3.38E+01	1.93E+01
H3SW	1.03E+03	1.46E+02	1.93E+02

Sample ID: 609486 Sample Dates: 2/27/2024 - 3/26/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.68E+00	0.00E+00	3.68E+00
Co-58	<3.43E+00	0.00E+00	3.43E+00
Fe-59	<7.69E+00	0.00E+00	7.69E+00
Co-60	<3.93E+00	0.00E+00	3.93E+00
Zn-65	<8.38E+00	0.00E+00	8.38E+00
Zr-95	<6.08E+00	0.00E+00	6.08E+00
Nb-95	<4.70E+00	0.00E+00	4.70E+00
I-131	<1.23E+01	0.00E+00	1.23E+01
Cs-134	<3.26E+00	0.00E+00	3.26E+00
Cs-137	<3.83E+00	0.00E+00	3.83E+00
BaLa-140	<9.22E+00	0.00E+00	9.22E+00
Be-7	<3.62E+01	0.00E+00	3.62E+01
K-40	1.01E+02	3.80E+01	3.69E+01
H3SW	6.20E+02	1.26E+02	1.82E+02

Sample ID: 611298 Sample Dates: 3/26/2024 - 4/30/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.50E+00	0.00E+00	2.50E+00
Co-58	<1.95E+00	0.00E+00	1.95E+00
Fe-59	<5.62E+00	0.00E+00	5.62E+00
Co-60	<2.45E+00	0.00E+00	2.45E+00
Zn-65	<4.55E+00	0.00E+00	4.55E+00
Zr-95	<3.88E+00	0.00E+00	3.88E+00
Nb-95	<3.06E+00	0.00E+00	3.06E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<2.43E+00	0.00E+00	2.43E+00
Cs-137	<2.37E+00	0.00E+00	2.37E+00
BaLa-140	<5.75E+00	0.00E+00	5.75E+00
Be-7	<3.03E+01	0.00E+00	3.03E+01
K-40	8.34E+01	2.98E+01	3.71E+01
H3SW	2.64E+03	1.88E+02	1.97E+02

Sample ID: 612674 Sample Dates: 4/30/2024 - 5/28/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.61E+00	0.00E+00	4.61E+00
Co-58	<2.28E+00	0.00E+00	2.28E+00
Fe-59	<9.06E+00	0.00E+00	9.06E+00
Co-60	<3.34E+00	0.00E+00	3.34E+00
Zn-65	<7.82E+00	0.00E+00	7.82E+00
Zr-95	<9.04E+00	0.00E+00	9.04E+00
Nb-95	<4.29E+00	0.00E+00	4.29E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<3.38E+00	0.00E+00	3.38E+00
Cs-137	<3.98E+00	0.00E+00	3.98E+00
BaLa-140	<8.21E+00	0.00E+00	8.21E+00
Be-7	<2.91E+01	0.00E+00	2.91E+01
K-40	7.57E+01	3.85E+01	4.99E+01

ROBINSON Radiological Environmental Monitoring Analysis Report - 2024 (Appendix E)

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 40 [INDICATOR - ESE @ 0.6 miles]

Sample ID: 612674 Sample Dates: 4/30/2024 - 5/28/2024

Nuclide	Activity	2 Sigma Error	MDA
H3SW	4.04E+03	2.15E+02	1.88E+02

Sample ID: 614444 Sample Dates: 5/28/2024 - 6/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.38E+00	0.00E+00	2.38E+00
Co-58	<2.73E+00	0.00E+00	2.73E+00
Fe-59	<6.68E+00	0.00E+00	6.68E+00
Co-60	<2.51E+00	0.00E+00	2.51E+00
Zn-65	<5.32E+00	0.00E+00	5.32E+00
Zr-95	<5.51E+00	0.00E+00	5.51E+00
Nb-95	<3.75E+00	0.00E+00	3.75E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<2.75E+00	0.00E+00	2.75E+00
Cs-137	<2.56E+00	0.00E+00	2.56E+00
BaLa-140	<5.19E+00	0.00E+00	5.19E+00
Be-7	<2.49E+01	0.00E+00	2.49E+01
K-40	7.32E+01	2.64E+01	3.02E+01
H3SW	3.28E+03	1.90E+02	1.82E+02

Sample ID: 616412 Sample Dates: 6/25/2024 - 7/30/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.32E+00	0.00E+00	1.32E+00
Co-58	<1.57E+00	0.00E+00	1.57E+00
Fe-59	<3.30E+00	0.00E+00	3.30E+00
Co-60	<1.31E+00	0.00E+00	1.31E+00
Zn-65	<3.11E+00	0.00E+00	3.11E+00
Zr-95	<3.12E+00	0.00E+00	3.12E+00
Nb-95	<2.32E+00	0.00E+00	2.32E+00
I-131	<1.06E+01	0.00E+00	1.06E+01
Cs-134	<1.57E+00	0.00E+00	1.57E+00
Cs-137	<1.72E+00	0.00E+00	1.72E+00
BaLa-140	<5.54E+00	0.00E+00	5.54E+00
Be-7	<1.45E+01	0.00E+00	1.45E+01
K-40	6.95E+01	1.33E+01	1.69E+01
H3SW	2.37E+03	1.84E+02	2.02E+02

Sample ID: 618086 Sample Dates: 7/30/2024 - 8/26/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.51E+00	0.00E+00	1.51E+00
Co-58	<2.08E+00	0.00E+00	2.08E+00
Fe-59	<3.98E+00	0.00E+00	3.98E+00
Co-60	<1.44E+00	0.00E+00	1.44E+00
Zn-65	<3.09E+00	0.00E+00	3.09E+00
Zr-95	<3.44E+00	0.00E+00	3.44E+00
Nb-95	<2.51E+00	0.00E+00	2.51E+00
I-131	<1.13E+01	0.00E+00	1.13E+01
Cs-134	<1.78E+00	0.00E+00	1.78E+00
Cs-137	<2.12E+00	0.00E+00	2.12E+00
BaLa-140	<5.12E+00	0.00E+00	5.12E+00
Be-7	<1.65E+01	0.00E+00	1.65E+01
K-40	6.42E+01	1.76E+01	2.06E+01
H3SW	4.05E+03	2.08E+02	1.88E+02

Sample ID: 619876 Sample Dates: 8/26/2024 - 9/23/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.07E+00	0.00E+00	2.07E+00
Co-58	<3.20E+00	0.00E+00	3.20E+00
Fe-59	<5.00E+00	0.00E+00	5.00E+00
Co-60	<2.62E+00	0.00E+00	2.62E+00
Zn-65	<5.96E+00	0.00E+00	5.96E+00
Zr-95	<5.95E+00	0.00E+00	5.95E+00
Nb-95	<4.98E+00	0.00E+00	4.98E+00
I-131	<1.24E+01	0.00E+00	1.24E+01
Cs-134	<3.09E+00	0.00E+00	3.09E+00
Cs-137	<3.23E+00	0.00E+00	3.23E+00
BaLa-140	<5.27E+00	0.00E+00	5.27E+00
Be-7	<2.85E+01	0.00E+00	2.85E+01
K-40	1.09E+02	3.59E+01	4.13E+01
H3SW	7.61E+03	2.66E+02	1.84E+02

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 40 [INDICATOR - ESE @ 0.6 miles]

Sample ID: 621610 **Sample Dates: 9/23/2024 - 10/29/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.35E+00	0.00E+00	1.35E+00
Co-58	<1.66E+00	0.00E+00	1.66E+00
Fe-59	<3.51E+00	0.00E+00	3.51E+00
Co-60	<1.35E+00	0.00E+00	1.35E+00
Zn-65	<3.12E+00	0.00E+00	3.12E+00
Zr-95	<3.30E+00	0.00E+00	3.30E+00
Nb-95	<2.27E+00	0.00E+00	2.27E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<1.45E+00	0.00E+00	1.45E+00
Cs-137	<1.32E+00	0.00E+00	1.32E+00
BaLa-140	<5.38E+00	0.00E+00	5.38E+00
Be-7	<1.56E+01	0.00E+00	1.56E+01
K-40	7.72E+01	1.95E+01	2.32E+01
H3SW	4.79E+03	2.28E+02	2.01E+02

Sample ID: 622971 **Sample Dates: 10/29/2024 - 11/25/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.21E+00	0.00E+00	2.21E+00
Co-58	<1.80E+00	0.00E+00	1.80E+00
Fe-59	<4.52E+00	0.00E+00	4.52E+00
Co-60	<1.79E+00	0.00E+00	1.79E+00
Zn-65	<3.99E+00	0.00E+00	3.99E+00
Zr-95	<3.85E+00	0.00E+00	3.85E+00
Nb-95	<2.77E+00	0.00E+00	2.77E+00
I-131	<1.19E+01	0.00E+00	1.19E+01
Cs-134	<2.05E+00	0.00E+00	2.05E+00
Cs-137	<1.71E+00	0.00E+00	1.71E+00
BaLa-140	<6.00E+00	0.00E+00	6.00E+00
Be-7	<1.95E+01	0.00E+00	1.95E+01
K-40	6.39E+01	2.37E+01	3.18E+01
H3SW	5.80E+03	2.44E+02	1.87E+02

Sample ID: 626067 **Sample Dates: 11/25/2024 - 12/31/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.77E+00	0.00E+00	1.77E+00
Co-58	<1.76E+00	0.00E+00	1.76E+00
Fe-59	<3.74E+00	0.00E+00	3.74E+00
Co-60	<1.49E+00	0.00E+00	1.49E+00
Zn-65	<3.02E+00	0.00E+00	3.02E+00
Zr-95	<3.65E+00	0.00E+00	3.65E+00
Nb-95	<2.80E+00	0.00E+00	2.80E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<2.09E+00	0.00E+00	2.09E+00
Cs-137	<1.83E+00	0.00E+00	1.83E+00
BaLa-140	<5.37E+00	0.00E+00	5.37E+00
Be-7	<1.66E+01	0.00E+00	1.66E+01
K-40	9.10E+01	2.97E+01	4.23E+01
H3SW	4.17E+03	2.18E+02	1.95E+02

Sample Point 41 [CONTROL - N @ 8 miles]

Sample ID: 604418 **Sample Dates: 12/27/2023 - 1/30/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.80E+00	0.00E+00	1.80E+00
Co-58	<1.50E+00	0.00E+00	1.50E+00
Fe-59	<3.72E+00	0.00E+00	3.72E+00
Co-60	<1.79E+00	0.00E+00	1.79E+00
Zn-65	<3.64E+00	0.00E+00	3.64E+00
Zr-95	<3.58E+00	0.00E+00	3.58E+00
Nb-95	<2.31E+00	0.00E+00	2.31E+00
I-131	<1.03E+01	0.00E+00	1.03E+01
Cs-134	<1.76E+00	0.00E+00	1.76E+00
Cs-137	<1.67E+00	0.00E+00	1.67E+00
BaLa-140	<4.59E+00	0.00E+00	4.59E+00
Be-7	<1.76E+01	0.00E+00	1.76E+01
K-40	9.02E+01	2.29E+01	2.61E+01
H3SW	<-1.4E+02	0.00E+00	2.11E+02

Sample ID: 606845 **Sample Dates: 1/30/2024 - 2/27/2024**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.22E+00	0.00E+00	4.22E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 41 [CONTROL - N @ 8 miles]

Sample ID: 606845 Sample Dates: 1/30/2024 - 2/27/2024

Nuclide	Activity	2 Sigma Error	MDA
Co-58	<5.24E+00	0.00E+00	5.24E+00
Fe-59	<1.02E+01	0.00E+00	1.02E+01
Co-60	<3.03E+00	0.00E+00	3.03E+00
Zn-65	<6.43E+00	0.00E+00	6.43E+00
Zr-95	<8.67E+00	0.00E+00	8.67E+00
Nb-95	<4.55E+00	0.00E+00	4.55E+00
I-131	<1.30E+01	0.00E+00	1.30E+01
Cs-134	<4.03E+00	0.00E+00	4.03E+00
Cs-137	<3.74E+00	0.00E+00	3.74E+00
BaLa-140	<1.19E+01	0.00E+00	1.19E+01
Be-7	<3.38E+01	0.00E+00	3.38E+01
K-40	7.87E+01	5.03E+01	7.19E+01
H3SW	<2.66E+01	0.00E+00	1.93E+02

Sample ID: 609487 Sample Dates: 2/27/2024 - 3/26/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.98E+00	0.00E+00	3.98E+00
Co-58	<3.03E+00	0.00E+00	3.03E+00
Fe-59	<9.98E+00	0.00E+00	9.98E+00
Co-60	<4.02E+00	0.00E+00	4.02E+00
Zn-65	<6.77E+00	0.00E+00	6.77E+00
Zr-95	<7.80E+00	0.00E+00	7.80E+00
Nb-95	<4.69E+00	0.00E+00	4.69E+00
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<4.60E+00	0.00E+00	4.60E+00
Cs-137	<3.52E+00	0.00E+00	3.52E+00
BaLa-140	<2.21E+00	0.00E+00	2.21E+00
Be-7	<3.35E+01	0.00E+00	3.35E+01
K-40	9.99E+01	4.23E+01	4.54E+01
H3SW	<-1.2E+01	0.00E+00	1.82E+02

Sample ID: 611299 Sample Dates: 3/26/2024 - 4/30/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.25E+00	0.00E+00	2.25E+00
Co-58	<2.72E+00	0.00E+00	2.72E+00
Fe-59	<6.25E+00	0.00E+00	6.25E+00
Co-60	<2.72E+00	0.00E+00	2.72E+00
Zn-65	<5.57E+00	0.00E+00	5.57E+00
Zr-95	<4.31E+00	0.00E+00	4.31E+00
Nb-95	<3.40E+00	0.00E+00	3.40E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<2.60E+00	0.00E+00	2.60E+00
Cs-137	<2.52E+00	0.00E+00	2.52E+00
BaLa-140	<6.85E+00	0.00E+00	6.85E+00
Be-7	<2.39E+01	0.00E+00	2.39E+01
K-40	9.87E+01	3.10E+01	3.39E+01
H3SW	<-6.7E+01	0.00E+00	1.97E+02

Sample ID: 612675 Sample Dates: 4/30/2024 - 5/28/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<4.68E+00	0.00E+00	4.68E+00
Co-58	<3.33E+00	0.00E+00	3.33E+00
Fe-59	<5.20E+00	0.00E+00	5.20E+00
Co-60	<3.08E+00	0.00E+00	3.08E+00
Zn-65	<6.90E+00	0.00E+00	6.90E+00
Zr-95	<6.29E+00	0.00E+00	6.29E+00
Nb-95	<3.72E+00	0.00E+00	3.72E+00
I-131	<1.33E+01	0.00E+00	1.33E+01
Cs-134	<4.46E+00	0.00E+00	4.46E+00
Cs-137	<3.62E+00	0.00E+00	3.62E+00
BaLa-140	<9.19E+00	0.00E+00	9.19E+00
Be-7	<3.46E+01	0.00E+00	3.46E+01
K-40	6.65E+01	3.91E+01	5.27E+01
H3SW	<6.39E+01	0.00E+00	1.87E+02

Sample ID: 614445 Sample Dates: 5/28/2024 - 6/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<2.27E+00	0.00E+00	2.27E+00
Co-58	<2.85E+00	0.00E+00	2.85E+00
Fe-59	<7.02E+00	0.00E+00	7.02E+00
Co-60	<2.45E+00	0.00E+00	2.45E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 41 [CONTROL - N @ 8 miles]

Sample ID: 614445 Sample Dates: 5/28/2024 - 6/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Zn-65	<4.56E+00	0.00E+00	4.56E+00
Zr-95	<4.82E+00	0.00E+00	4.82E+00
Nb-95	<3.76E+00	0.00E+00	3.76E+00
I-131	<1.29E+01	0.00E+00	1.29E+01
Cs-134	<2.50E+00	0.00E+00	2.50E+00
Cs-137	<2.23E+00	0.00E+00	2.23E+00
BaLa-140	<7.69E+00	0.00E+00	7.69E+00
Be-7	<2.63E+01	0.00E+00	2.63E+01
K-40	8.50E+01	3.53E+01	4.96E+01
H3SW	<-6.0E+01	0.00E+00	1.80E+02

Sample ID: 616413 Sample Dates: 7/23/2024 - 7/23/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.28E+00	0.00E+00	1.28E+00
Co-58	<1.41E+00	0.00E+00	1.41E+00
Fe-59	<3.07E+00	0.00E+00	3.07E+00
Co-60	<1.24E+00	0.00E+00	1.24E+00
Zn-65	<2.68E+00	0.00E+00	2.68E+00
Zr-95	<3.07E+00	0.00E+00	3.07E+00
Nb-95	<1.81E+00	0.00E+00	1.81E+00
I-131	<4.47E+00	0.00E+00	4.47E+00
Cs-134	<1.64E+00	0.00E+00	1.64E+00
Cs-137	<1.62E+00	0.00E+00	1.62E+00
BaLa-140	<2.67E+00	0.00E+00	2.67E+00
Be-7	<1.35E+01	0.00E+00	1.35E+01
K-40	8.02E+01	1.98E+01	2.42E+01
H3SW	<-2.7E+01	0.00E+00	2.03E+02

Sample ID: 618087 Sample Dates: 7/30/2024 - 8/26/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.56E+00	0.00E+00	1.56E+00
Co-58	<1.75E+00	0.00E+00	1.75E+00
Fe-59	<3.99E+00	0.00E+00	3.99E+00
Co-60	<1.66E+00	0.00E+00	1.66E+00
Zn-65	<3.77E+00	0.00E+00	3.77E+00
Zr-95	<2.47E+00	0.00E+00	2.47E+00
Nb-95	<1.99E+00	0.00E+00	1.99E+00
I-131	<1.13E+01	0.00E+00	1.13E+01
Cs-134	<2.08E+00	0.00E+00	2.08E+00
Cs-137	<1.65E+00	0.00E+00	1.65E+00
BaLa-140	<5.14E+00	0.00E+00	5.14E+00
Be-7	<1.52E+01	0.00E+00	1.52E+01
K-40	7.50E+01	2.08E+01	2.51E+01
H3SW	<-3.1E+01	0.00E+00	1.87E+02

Sample ID: 619877 Sample Dates: 8/26/2024 - 9/23/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<5.06E-01	0.00E+00	5.06E-01
Co-58	<5.62E-01	0.00E+00	5.62E-01
Fe-59	<1.16E+00	0.00E+00	1.16E+00
Co-60	<4.52E-01	0.00E+00	4.52E-01
Zn-65	<9.50E-01	0.00E+00	9.50E-01
Zr-95	<1.00E+00	0.00E+00	1.00E+00
Nb-95	<9.17E-01	0.00E+00	9.17E-01
I-131	<2.41E+00	0.00E+00	2.41E+00
Cs-134	<5.49E-01	0.00E+00	5.49E-01
Cs-137	<5.42E-01	0.00E+00	5.42E-01
BaLa-140	<1.21E+00	0.00E+00	1.21E+00
Be-7	<4.87E+00	0.00E+00	4.87E+00
K-40	9.79E+01	1.02E+01	7.84E+00
H3SW	<-3.6E+01	0.00E+00	1.83E+02

Sample ID: 621611 Sample Dates: 9/23/2024 - 10/29/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.65E+00	0.00E+00	1.65E+00
Co-58	<1.78E+00	0.00E+00	1.78E+00
Fe-59	<4.95E+00	0.00E+00	4.95E+00
Co-60	<1.62E+00	0.00E+00	1.62E+00
Zn-65	<3.51E+00	0.00E+00	3.51E+00
Zr-95	<3.58E+00	0.00E+00	3.58E+00
Nb-95	<2.56E+00	0.00E+00	2.56E+00

Media Type: SURFACE WATER Concentration (Activity): pCi/l

Sample Point 41 [CONTROL - N @ 8 miles]

Sample ID: 621611 Sample Dates: 9/23/2024 - 10/29/2024

Nuclide	Activity	2 Sigma Error	MDA
I-131	<1.35E+01	0.00E+00	1.35E+01
Cs-134	<2.03E+00	0.00E+00	2.03E+00
Cs-137	<1.68E+00	0.00E+00	1.68E+00
BaLa-140	<7.43E+00	0.00E+00	7.43E+00
Be-7	<2.02E+01	0.00E+00	2.02E+01
K-40	8.72E+01	2.23E+01	2.72E+01
H3SW	<-3.0E+01	0.00E+00	2.01E+02

Sample ID: 622972 Sample Dates: 10/29/2024 - 11/25/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.74E+00	0.00E+00	1.74E+00
Co-58	<2.58E+00	0.00E+00	2.58E+00
Fe-59	<4.58E+00	0.00E+00	4.58E+00
Co-60	<2.19E+00	0.00E+00	2.19E+00
Zn-65	<4.49E+00	0.00E+00	4.49E+00
Zr-95	<5.43E+00	0.00E+00	5.43E+00
Nb-95	<3.84E+00	0.00E+00	3.84E+00
I-131	<1.34E+01	0.00E+00	1.34E+01
Cs-134	<2.49E+00	0.00E+00	2.49E+00
Cs-137	<1.84E+00	0.00E+00	1.84E+00
BaLa-140	<7.04E+00	0.00E+00	7.04E+00
Be-7	<2.55E+01	0.00E+00	2.55E+01
K-40	8.67E+01	2.88E+01	3.58E+01
H3SW	<2.33E+01	0.00E+00	1.88E+02

Sample ID: 626068 Sample Dates: 11/25/2024 - 12/31/2024

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.56E+00	0.00E+00	1.56E+00
Co-58	<1.75E+00	0.00E+00	1.75E+00
Fe-59	<4.13E+00	0.00E+00	4.13E+00
Co-60	<1.48E+00	0.00E+00	1.48E+00
Zn-65	<3.14E+00	0.00E+00	3.14E+00
Zr-95	<3.07E+00	0.00E+00	3.07E+00
Nb-95	<2.84E+00	0.00E+00	2.84E+00
I-131	<1.32E+01	0.00E+00	1.32E+01
Cs-134	<1.97E+00	0.00E+00	1.97E+00
Cs-137	<1.43E+00	0.00E+00	1.43E+00
BaLa-140	<6.06E+00	0.00E+00	6.06E+00
Be-7	<1.79E+01	0.00E+00	1.79E+01
K-40	7.27E+01	2.13E+01	2.74E+01
H3SW	<2.59E+00	0.00E+00	1.95E+02

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 1 [CONTROL - ESE @ 24.4 miles] **TLD RING TLD_CTRL**

Sample ID: 603715 Sample Dates: 1/11/2024 - 4/10/2024

Nuclide	Activity
mR/Std Qtr	19.57

Sample ID: 610354 Sample Dates: 4/10/2024 - 7/9/2024

Nuclide	Activity
mR/Std Qtr	16.57

Sample ID: 614967 Sample Dates: 7/9/2024 - 10/9/2024

Nuclide	Activity
mR/Std Qtr	16.34

Sample ID: 620747 Sample Dates: 10/9/2024 - 1/9/2025

Nuclide	Activity
mR/Std Qtr	16.81

Sample Point 2 [INDICATOR - S @ 0.2 miles] **TLD RING TLD_INNER**

Sample ID: 603725 Sample Dates: 1/11/2024 - 4/10/2024

Nuclide	Activity
mR/Std Qtr	15.92

Sample ID: 610364 Sample Dates: 4/10/2024 - 7/9/2024

Nuclide	Activity
mR/Std Qtr	12.29

Sample ID: 614977 Sample Dates: 7/9/2024 - 10/9/2024

Nuclide	Activity
mR/Std Qtr	13.81

Sample ID: 620757 Sample Dates: 10/9/2024 - 1/9/2025

Nuclide	Activity
mR/Std Qtr	14.83

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 3 [INDICATOR - N @ 0.5 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603736	1/11/2024 - 4/10/2024	mR/Std Qtr	17.49
610375	4/10/2024 - 7/9/2024	mR/Std Qtr	13.58
614988	7/9/2024 - 10/9/2024	mR/Std Qtr	14.63
620768	10/9/2024 - 1/9/2025	mR/Std Qtr	13.78

Sample Point 4 [INDICATOR - ESE @ 0.4 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603747	1/11/2024 - 4/10/2024	mR/Std Qtr	12.13
610386	4/10/2024 - 7/9/2024	mR/Std Qtr	9.57
614999	7/9/2024 - 10/9/2024	mR/Std Qtr	11.45
620779	10/9/2024 - 1/9/2025	mR/Std Qtr	10.67

Sample Point 5 [INDICATOR - ENE @ 0.9 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603748	1/11/2024 - 4/10/2024	mR/Std Qtr	15.20
610387	4/10/2024 - 7/9/2024	mR/Std Qtr	13.39
615000	7/9/2024 - 10/9/2024	mR/Std Qtr	13.78
620780	10/9/2024 - 1/9/2025	mR/Std Qtr	13.53

Sample Point 6 [INDICATOR - SSW @ 0.2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603751	1/11/2024 - 4/10/2024	mR/Std Qtr	17.31
610390	4/10/2024 - 7/9/2024	mR/Std Qtr	13.84
615003	7/9/2024 - 10/9/2024	mR/Std Qtr	15.36
620783	10/9/2024 - 1/9/2025	mR/Std Qtr	14.37

Sample Point 7 [INDICATOR - ESE @ 6.4 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603754	1/11/2024 - 4/10/2024	mR/Std Qtr	15.22
610393	4/10/2024 - 7/9/2024	mR/Std Qtr	12.19
615006	7/9/2024 - 10/9/2024	mR/Std Qtr	13.19
620786	10/9/2024 - 1/9/2025	mR/Std Qtr	13.5

Sample Point 9 [INDICATOR - S @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603757	1/11/2024 - 4/10/2024	mR/Std Qtr	13.31
615009	7/9/2024 - 10/9/2024	mR/Std Qtr	11.75

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 9 [INDICATOR - S @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
620789	10/9/2024 - 1/9/2025	mR/Std Qtr	11.05

Sample Point 10 [INDICATOR - WSW @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603716	1/11/2024 - 4/10/2024	mR/Std Qtr	14.97
610355	4/10/2024 - 7/9/2024	mR/Std Qtr	11.48
614968	7/9/2024 - 10/9/2024	mR/Std Qtr	12.38
620748	10/9/2024 - 1/9/2025	mR/Std Qtr	13.03

Sample Point 11 [INDICATOR - SW @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603717	1/11/2024 - 4/10/2024	mR/Std Qtr	12.90
610356	4/10/2024 - 7/9/2024	mR/Std Qtr	10.88
614969	7/9/2024 - 10/9/2024	mR/Std Qtr	11.63

Sample Point 13 [INDICATOR - W @ 0.7 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603718	1/11/2024 - 4/10/2024	mR/Std Qtr	14.86
610357	4/10/2024 - 7/9/2024	mR/Std Qtr	13.04
620750	10/9/2024 - 1/9/2025	mR/Std Qtr	13.01

Sample Point 14 [INDICATOR - WNW @ 0.8 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603719	1/11/2024 - 4/10/2024	mR/Std Qtr	19.98
610358	4/10/2024 - 7/9/2024	mR/Std Qtr	16.68
614971	7/9/2024 - 10/9/2024	mR/Std Qtr	17.71
620751	10/9/2024 - 1/9/2025	mR/Std Qtr	16.14

Sample Point 15 [INDICATOR - NW @ 0.7 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603720	1/11/2024 - 4/10/2024	mR/Std Qtr	13.86
610359	4/10/2024 - 7/9/2024	mR/Std Qtr	12.02
614972	7/9/2024 - 10/9/2024	mR/Std Qtr	12.53
620752	10/9/2024 - 1/9/2025	mR/Std Qtr	13.16

Sample Point 16 [INDICATOR - NNW @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603721	1/11/2024 - 4/10/2024	mR/Std Qtr	15.47
610360	4/10/2024 - 7/9/2024	mR/Std Qtr	12.14

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 16 [INDICATOR - NNW @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
614973	7/9/2024 - 10/9/2024	mR/Std Qtr	12.63
620753	10/9/2024 - 1/9/2025	mR/Std Qtr	14.3

Sample Point 17 [INDICATOR - N @ 1.2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603722	1/11/2024 - 4/10/2024	mR/Std Qtr	18.19
610361	4/10/2024 - 7/9/2024	mR/Std Qtr	16.77
614974	7/9/2024 - 10/9/2024	mR/Std Qtr	15.95
620754	10/9/2024 - 1/9/2025	mR/Std Qtr	18.78

Sample Point 18 [INDICATOR - SE @ 0.7 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603723	1/11/2024 - 4/10/2024	mR/Std Qtr	20.04
610362	4/10/2024 - 7/9/2024	mR/Std Qtr	15.81
614975	7/9/2024 - 10/9/2024	mR/Std Qtr	15.65
620755	10/9/2024 - 1/9/2025	mR/Std Qtr	17.17

Sample Point 19 [INDICATOR - E @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603724	1/11/2024 - 4/10/2024	mR/Std Qtr	17.01
610363	4/10/2024 - 7/9/2024	mR/Std Qtr	13.57
614976	7/9/2024 - 10/9/2024	mR/Std Qtr	14.1
620756	10/9/2024 - 1/9/2025	mR/Std Qtr	14.53

Sample Point 20 [INDICATOR - ENE @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603726	1/11/2024 - 4/10/2024	mR/Std Qtr	17.74
610365	4/10/2024 - 7/9/2024	mR/Std Qtr	14.66
614978	7/9/2024 - 10/9/2024	mR/Std Qtr	14.47
620758	10/9/2024 - 1/9/2025	mR/Std Qtr	14.40

Sample Point 21 [INDICATOR - NE @ 1.4 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603727	1/11/2024 - 4/10/2024	mR/Std Qtr	14.57
610366	4/10/2024 - 7/9/2024	mR/Std Qtr	12.58
614979	7/9/2024 - 10/9/2024	mR/Std Qtr	12.93
620759	10/9/2024 - 1/9/2025	mR/Std Qtr	12.94

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 22 [INDICATOR - NNE @ 1.7 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603728	1/11/2024 - 4/10/2024	mR/Std Qtr	16.40
610367	4/10/2024 - 7/9/2024	mR/Std Qtr	13.77
614980	7/9/2024 - 10/9/2024	mR/Std Qtr	13.85
620760	10/9/2024 - 1/9/2025	mR/Std Qtr	13.61

Sample Point 23 [INDICATOR - ESE @ 1 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603729	1/11/2024 - 4/10/2024	mR/Std Qtr	16.88
610368	4/10/2024 - 7/9/2024	mR/Std Qtr	14.49
614981	7/9/2024 - 10/9/2024	mR/Std Qtr	16.03
620761	10/9/2024 - 1/9/2025	mR/Std Qtr	16.23

Sample Point 24 [INDICATOR - NW @ 4.6 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603730	1/11/2024 - 4/10/2024	mR/Std Qtr	18.58
610369	4/10/2024 - 7/9/2024	mR/Std Qtr	16.02
614982	7/9/2024 - 10/9/2024	mR/Std Qtr	16.71
620762	10/9/2024 - 1/9/2025	mR/Std Qtr	16.25

Sample Point 25 [INDICATOR - NNW @ 4 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603731	1/11/2024 - 4/10/2024	mR/Std Qtr	15.60
610370	4/10/2024 - 7/9/2024	mR/Std Qtr	12.41
614983	7/9/2024 - 10/9/2024	mR/Std Qtr	13.96
620763	10/9/2024 - 1/9/2025	mR/Std Qtr	13.62

Sample Point 26 [INDICATOR - N @ 5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603732	1/11/2024 - 4/10/2024	mR/Std Qtr	16.07
610371	4/10/2024 - 7/9/2024	mR/Std Qtr	12.58
614984	7/9/2024 - 10/9/2024	mR/Std Qtr	13.55
620764	10/9/2024 - 1/9/2025	mR/Std Qtr	12.88

Sample Point 27 [INDICATOR - NNE @ 5.4 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603733	1/11/2024 - 4/10/2024	mR/Std Qtr	14.54
610372	4/10/2024 - 7/9/2024	mR/Std Qtr	11.55

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 27 [INDICATOR - NNE @ 5.4 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
614985	7/9/2024 - 10/9/2024	mR/Std Qtr	12.24
620765	10/9/2024 - 1/9/2025	mR/Std Qtr	11.99

Sample Point 28 [INDICATOR - NE @ 4.3 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603734	1/11/2024 - 4/10/2024	mR/Std Qtr	18.79
610373	4/10/2024 - 7/9/2024	mR/Std Qtr	16.78
614986	7/9/2024 - 10/9/2024	mR/Std Qtr	16.79
620766	10/9/2024 - 1/9/2025	mR/Std Qtr	17.05

Sample Point 29 [INDICATOR - ENE @ 4 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603735	1/11/2024 - 4/10/2024	mR/Std Qtr	13.06
610374	4/10/2024 - 7/9/2024	mR/Std Qtr	11.00
614987	7/9/2024 - 10/9/2024	mR/Std Qtr	11.33
620767	10/9/2024 - 1/9/2025	mR/Std Qtr	12.15

Sample Point 30 [INDICATOR - E @ 4.4 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603737	1/11/2024 - 4/10/2024	mR/Std Qtr	17.86
610376	4/10/2024 - 7/9/2024	mR/Std Qtr	13.63
614989	7/9/2024 - 10/9/2024	mR/Std Qtr	14.61
620769	10/9/2024 - 1/9/2025	mR/Std Qtr	15.30

Sample Point 31 [INDICATOR - ESE @ 4.6 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603738	1/11/2024 - 4/10/2024	mR/Std Qtr	16.45
610377	4/10/2024 - 7/9/2024	mR/Std Qtr	13.97
614990	7/9/2024 - 10/9/2024	mR/Std Qtr	14.51
620770	10/9/2024 - 1/9/2025	mR/Std Qtr	14.37

Sample Point 32 [INDICATOR - SE @ 4 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603739	1/11/2024 - 4/10/2024	mR/Std Qtr	16.10
610378	4/10/2024 - 7/9/2024	mR/Std Qtr	14.77
614991	7/9/2024 - 10/9/2024	mR/Std Qtr	14.66
620771	10/9/2024 - 1/9/2025	mR/Std Qtr	14.60

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 33 [INDICATOR - SSE @ 4.5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603740	1/11/2024 - 4/10/2024	mR/Std Qtr	17.60
610379	4/10/2024 - 7/9/2024	mR/Std Qtr	15.66
614992	7/9/2024 - 10/9/2024	mR/Std Qtr	15.46
620772	10/9/2024 - 1/9/2025	mR/Std Qtr	19.11

Sample Point 34 [INDICATOR - S @ 4.7 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603741	1/11/2024 - 4/10/2024	mR/Std Qtr	11.79
610380	4/10/2024 - 7/9/2024	mR/Std Qtr	9.68
614993	7/9/2024 - 10/9/2024	mR/Std Qtr	10.69
620773	10/9/2024 - 1/9/2025	mR/Std Qtr	11.95

Sample Point 35 [INDICATOR - SSW @ 4.5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603742	1/11/2024 - 4/10/2024	mR/Std Qtr	23.61
610381	4/10/2024 - 7/9/2024	mR/Std Qtr	20.04
614994	7/9/2024 - 10/9/2024	mR/Std Qtr	19.64
620774	10/9/2024 - 1/9/2025	mR/Std Qtr	19.46

Sample Point 36 [INDICATOR - SW @ 5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603743	1/11/2024 - 4/10/2024	mR/Std Qtr	23.57
610382	4/10/2024 - 7/9/2024	mR/Std Qtr	19.33
614995	7/9/2024 - 10/9/2024	mR/Std Qtr	18.75
620775	10/9/2024 - 1/9/2025	mR/Std Qtr	21.97

Sample Point 37 [INDICATOR - WSW @ 5 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603744	1/11/2024 - 4/10/2024	mR/Std Qtr	24.06
610383	4/10/2024 - 7/9/2024	mR/Std Qtr	19.51
614996	7/9/2024 - 10/9/2024	mR/Std Qtr	20.37
620776	10/9/2024 - 1/9/2025	mR/Std Qtr	21.51

Sample Point 38 [INDICATOR - W @ 4.9 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603745	1/11/2024 - 4/10/2024	mR/Std Qtr	15.73
610384	4/10/2024 - 7/9/2024	mR/Std Qtr	15.86

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 38 [INDICATOR - W @ 4.9 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
614997	7/9/2024 - 10/9/2024	mR/Std Qtr	14.7
620777	10/9/2024 - 1/9/2025	mR/Std Qtr	14.75

Sample Point 39 [INDICATOR - WNW @ 5.1 miles] — **TLD RING TLD_OUTER**

Sample ID:	Sample Dates:	Nuclide	Activity
603746	1/11/2024 - 4/10/2024	mR/Std Qtr	17.08
610385	4/10/2024 - 7/9/2024	mR/Std Qtr	15.33
614998	7/9/2024 - 10/9/2024	mR/Std Qtr	14.34
620778	10/9/2024 - 1/9/2025	mR/Std Qtr	16.19

Sample Point 55 [INDICATOR - SSE @ 0.2 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603749	1/11/2024 - 4/10/2024	mR/Std Qtr	16.82
610388	4/10/2024 - 7/9/2024	mR/Std Qtr	14.53
615001	7/9/2024 - 10/9/2024	mR/Std Qtr	14.09
620781	10/9/2024 - 1/9/2025	mR/Std Qtr	16.28

Sample Point 56 [INDICATOR - NNW @ 0.4 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603750	1/11/2024 - 4/10/2024	mR/Std Qtr	14.79
610389	4/10/2024 - 7/9/2024	mR/Std Qtr	13.11
615002	7/9/2024 - 10/9/2024	mR/Std Qtr	14.5
620782	10/9/2024 - 1/9/2025	mR/Std Qtr	13.93

Sample Point 61 [INDICATOR - WSW @ 0.3 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603752	1/11/2024 - 4/10/2024	mR/Std Qtr	21.86
610391	4/10/2024 - 7/9/2024	mR/Std Qtr	18.42
615004	7/9/2024 - 10/9/2024	mR/Std Qtr	19.41
620784	10/9/2024 - 1/9/2025	mR/Std Qtr	19.56

Sample Point 65 [INDICATOR - WNW @ 0.3 miles] — **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603753	1/11/2024 - 4/10/2024	mR/Std Qtr	21.32
610392	4/10/2024 - 7/9/2024	mR/Std Qtr	18.91
615005	7/9/2024 - 10/9/2024	mR/Std Qtr	18.91
620785	10/9/2024 - 1/9/2025	mR/Std Qtr	18.92

Media Type: TLD Concentration (Activity): mR/Standard Quarter

Sample Point 84 [INDICATOR - SSE @ 0.9 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603755	1/11/2024 - 4/10/2024	mR/Std Qtr	12.63
610394	4/10/2024 - 7/9/2024	mR/Std Qtr	10.66
615007	7/9/2024 - 10/9/2024	mR/Std Qtr	10.62
620787	10/9/2024 - 1/9/2025	mR/Std Qtr	10.71

Sample Point 85 [INDICATOR - SSW @ 0.9 miles] **TLD RING TLD_INNER**

Sample ID:	Sample Dates:	Nuclide	Activity
603756	1/11/2024 - 4/10/2024	mR/Std Qtr	12.51
610395	4/10/2024 - 7/9/2024	mR/Std Qtr	10.47
615008	7/9/2024 - 10/9/2024	mR/Std Qtr	10.82
620788	10/9/2024 - 1/9/2025	mR/Std Qtr	12.14

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 50 [INDICATOR - SSE @ 0 miles]

Sample ID: 611717 **Sample Dates: 4/30/2024 - 4/30/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<3.46E+01	0.00E+00	3.46E+01
Co-58	<3.76E+01	0.00E+00	3.76E+01
Fe-59	<6.67E+01	0.00E+00	6.67E+01
Co-60	<2.22E+01	0.00E+00	2.22E+01
Zn-65	<7.90E+01	0.00E+00	7.90E+01
Zr-95	<5.06E+01	0.00E+00	5.06E+01
Nb-95	<2.42E+01	0.00E+00	2.42E+01
I-131	<3.34E+01	0.00E+00	3.34E+01
Cs-134	<3.29E+01	0.00E+00	3.29E+01
Cs-137	<4.93E+01	0.00E+00	4.93E+01
BaLa-140	<2.97E+01	0.00E+00	2.97E+01
Be-7	4.96E+02	2.32E+02	3.01E+02
K-40	3.65E+03	7.29E+02	8.18E+01

Sample ID: 613696 **Sample Dates: 6/4/2024 - 6/4/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.95E+01	0.00E+00	1.95E+01
Co-58	<1.91E+01	0.00E+00	1.91E+01
Fe-59	<4.56E+01	0.00E+00	4.56E+01
Co-60	<2.07E+01	0.00E+00	2.07E+01
Zn-65	<4.72E+01	0.00E+00	4.72E+01
Zr-95	<3.69E+01	0.00E+00	3.69E+01
Nb-95	<2.55E+01	0.00E+00	2.55E+01
I-131	<4.28E+01	0.00E+00	4.28E+01
Cs-134	<2.17E+01	0.00E+00	2.17E+01
Cs-137	<1.86E+01	0.00E+00	1.86E+01
BaLa-140	<3.59E+01	0.00E+00	3.59E+01
Be-7	9.10E+02	2.16E+02	2.40E+02
K-40	2.88E+03	4.59E+02	2.08E+02

Sample ID: 614916 **Sample Dates: 7/1/2024 - 7/1/2024** **MIXEDBLV**

Nuclide	Activity	2 Sigma Error	MDA
Mn-54	<1.54E+01	0.00E+00	1.54E+01
Co-58	<2.35E+01	0.00E+00	2.35E+01
Fe-59	<4.21E+01	0.00E+00	4.21E+01
Co-60	<1.46E+01	0.00E+00	1.46E+01
Zn-65	<4.95E+01	0.00E+00	4.95E+01
Zr-95	<3.42E+01	0.00E+00	3.42E+01
Nb-95	<2.59E+01	0.00E+00	2.59E+01
I-131	<3.60E+01	0.00E+00	3.60E+01
Cs-134	<2.30E+01	0.00E+00	2.30E+01
Cs-137	<2.03E+01	0.00E+00	2.03E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 50 [INDICATOR - SSE @ 0 miles]

Sample ID:	614916	Sample Dates: 7/1/2024 - 7/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				BaLa-140	<2.81E+01	0.00E+00	2.81E+01
				Be-7	1.44E+03	2.59E+02	2.54E+02
				K-40	2.98E+03	4.37E+02	1.29E+02
Sample ID:	**616948**	**Sample Dates: 8/1/2024 - 8/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<4.06E+01	0.00E+00	4.06E+01
				Co-58	<3.95E+01	0.00E+00	3.95E+01
				Fe-59	<5.27E+01	0.00E+00	5.27E+01
				Co-60	<4.23E+01	0.00E+00	4.23E+01
				Zn-65	<8.53E+01	0.00E+00	8.53E+01
				Zr-95	<5.52E+01	0.00E+00	5.52E+01
				Nb-95	<3.49E+01	0.00E+00	3.49E+01
				I-131	<3.31E+01	0.00E+00	3.31E+01
				Cs-134	<3.89E+01	0.00E+00	3.89E+01
				Cs-137	<4.09E+01	0.00E+00	4.09E+01
				BaLa-140	<4.09E+01	0.00E+00	4.09E+01
				Be-7	1.45E+03	3.34E+02	2.93E+02
				K-40	3.80E+03	7.26E+02	3.23E+02
Sample ID:	**618611**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.37E+01	0.00E+00	1.37E+01
				Co-58	<1.26E+01	0.00E+00	1.26E+01
				Fe-59	<2.63E+01	0.00E+00	2.63E+01
				Co-60	<1.07E+01	0.00E+00	1.07E+01
				Zn-65	<3.24E+01	0.00E+00	3.24E+01
				Zr-95	<2.32E+01	0.00E+00	2.32E+01
				Nb-95	<1.49E+01	0.00E+00	1.49E+01
				I-131	<2.30E+01	0.00E+00	2.30E+01
				Cs-134	<1.54E+01	0.00E+00	1.54E+01
				Cs-137	4.50E+01	1.46E+01	1.91E+01
				BaLa-140	<1.70E+01	0.00E+00	1.70E+01
				Be-7	2.11E+03	1.99E+02	1.50E+02
				K-40	2.90E+03	3.76E+02	2.07E+02
Sample ID:	**620576**	**Sample Dates: 10/3/2024 - 10/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.41E+01	0.00E+00	1.41E+01
				Co-58	<1.68E+01	0.00E+00	1.68E+01
				Fe-59	<3.47E+01	0.00E+00	3.47E+01
				Co-60	<1.63E+01	0.00E+00	1.63E+01
				Zn-65	<3.65E+01	0.00E+00	3.65E+01
				Zr-95	<2.26E+01	0.00E+00	2.26E+01
				Nb-95	<1.70E+01	0.00E+00	1.70E+01
				I-131	<2.25E+01	0.00E+00	2.25E+01
				Cs-134	<1.75E+01	0.00E+00	1.75E+01
				Cs-137	<1.53E+01	0.00E+00	1.53E+01
				BaLa-140	<1.82E+01	0.00E+00	1.82E+01
				Be-7	9.97E+02	2.65E+02	1.57E+02
				K-40	3.29E+03	4.64E+02	2.73E+02

Sample Point 52 [CONTROL - W @ 10 miles]

Sample ID:	611718	Sample Dates: 4/30/2024 - 4/30/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.84E+01	0.00E+00	1.84E+01
				Co-58	<1.53E+01	0.00E+00	1.53E+01
				Fe-59	<3.46E+01	0.00E+00	3.46E+01
				Co-60	<2.00E+01	0.00E+00	2.00E+01
				Zn-65	<4.37E+01	0.00E+00	4.37E+01
				Zr-95	<3.55E+01	0.00E+00	3.55E+01
				Nb-95	<1.95E+01	0.00E+00	1.95E+01
				I-131	<2.66E+01	0.00E+00	2.66E+01
				Cs-134	<2.09E+01	0.00E+00	2.09E+01
				Cs-137	7.13E+01	2.26E+01	2.82E+01
				BaLa-140	<2.58E+01	0.00E+00	2.58E+01
				Be-7	3.69E+02	1.62E+02	2.33E+02
				K-40	4.21E+03	5.78E+02	3.09E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 52 [CONTROL - W @ 10 miles]

Sample ID:	613697	Sample Dates: 6/4/2024 - 6/4/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.71E+01	0.00E+00	2.71E+01
				Co-58	<2.86E+01	0.00E+00	2.86E+01
				Fe-59	<5.20E+01	0.00E+00	5.20E+01
				Co-60	<2.75E+01	0.00E+00	2.75E+01
				Zn-65	<5.55E+01	0.00E+00	5.55E+01
				Zr-95	<4.14E+01	0.00E+00	4.14E+01
				Nb-95	<2.90E+01	0.00E+00	2.90E+01
				I-131	<5.19E+01	0.00E+00	5.19E+01
				Cs-134	<2.49E+01	0.00E+00	2.49E+01
				Cs-137	1.35E+02	3.82E+01	4.83E+01
				BaLa-140	<4.49E+01	0.00E+00	4.49E+01
				Be-7	7.53E+02	2.43E+02	3.21E+02
				K-40	3.55E+03	5.55E+02	2.41E+02
Sample ID:	**614917**	**Sample Dates: 7/1/2024 - 7/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.00E+01	0.00E+00	2.00E+01
				Co-58	<2.35E+01	0.00E+00	2.35E+01
				Fe-59	<4.28E+01	0.00E+00	4.28E+01
				Co-60	<2.57E+01	0.00E+00	2.57E+01
				Zn-65	<4.84E+01	0.00E+00	4.84E+01
				Zr-95	<3.52E+01	0.00E+00	3.52E+01
				Nb-95	<2.42E+01	0.00E+00	2.42E+01
				I-131	<3.87E+01	0.00E+00	3.87E+01
				Cs-134	<2.16E+01	0.00E+00	2.16E+01
				Cs-137	1.53E+02	3.34E+01	3.49E+01
				BaLa-140	<3.06E+01	0.00E+00	3.06E+01
				Be-7	1.02E+03	2.58E+02	3.20E+02
				K-40	3.94E+03	5.58E+02	1.97E+02
Sample ID:	**616949**	**Sample Dates: 8/1/2024 - 8/1/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.89E+01	0.00E+00	2.89E+01
				Co-58	<2.78E+01	0.00E+00	2.78E+01
				Fe-59	<6.03E+01	0.00E+00	6.03E+01
				Co-60	<3.32E+01	0.00E+00	3.32E+01
				Zn-65	<6.39E+01	0.00E+00	6.39E+01
				Zr-95	<4.10E+01	0.00E+00	4.10E+01
				Nb-95	<3.23E+01	0.00E+00	3.23E+01
				I-131	<4.10E+01	0.00E+00	4.10E+01
				Cs-134	<3.47E+01	0.00E+00	3.47E+01
				Cs-137	1.05E+02	3.47E+01	4.39E+01
				BaLa-140	<3.38E+01	0.00E+00	3.38E+01
				Be-7	2.20E+03	3.82E+02	3.40E+02
				K-40	3.49E+03	5.93E+02	3.59E+02
Sample ID:	**618612**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.86E+01	0.00E+00	1.86E+01
				Co-58	<2.05E+01	0.00E+00	2.05E+01
				Fe-59	<3.06E+01	0.00E+00	3.06E+01
				Co-60	<1.99E+01	0.00E+00	1.99E+01
				Zn-65	<4.36E+01	0.00E+00	4.36E+01
				Zr-95	<3.52E+01	0.00E+00	3.52E+01
				Nb-95	<1.95E+01	0.00E+00	1.95E+01
				I-131	<3.48E+01	0.00E+00	3.48E+01
				Cs-134	<2.38E+01	0.00E+00	2.38E+01
				Cs-137	1.31E+02	2.80E+01	3.17E+01
				BaLa-140	<2.77E+01	0.00E+00	2.77E+01
				Be-7	2.02E+03	2.97E+02	2.66E+02
				K-40	3.63E+03	4.76E+02	2.39E+02
Sample ID:	**620577**	**Sample Dates: 10/3/2024 - 10/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.88E+01	0.00E+00	1.88E+01
				Co-58	<1.98E+01	0.00E+00	1.98E+01
				Fe-59	<4.45E+01	0.00E+00	4.45E+01
				Co-60	<1.80E+01	0.00E+00	1.80E+01
				Zn-65	<4.13E+01	0.00E+00	4.13E+01
				Zr-95	<3.23E+01	0.00E+00	3.23E+01
				Nb-95	<2.34E+01	0.00E+00	2.34E+01

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 52 [CONTROL - W @ 10 miles]

Sample ID:	620577	Sample Dates: 10/3/2024 - 10/3/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				I-131	<2.39E+01	0.00E+00	2.39E+01
				Cs-134	<2.23E+01	0.00E+00	2.23E+01
				Cs-137	6.65E+01	2.22E+01	2.80E+01
				BaLa-140	<2.50E+01	0.00E+00	2.50E+01
				Be-7	1.67E+03	2.77E+02	2.41E+02
				K-40	2.90E+03	4.56E+02	2.76E+02

Sample Point 86 [INDICATOR - NNE @ 0 miles]

Sample ID:	611716	Sample Dates: 4/30/2024 - 4/30/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.71E+01	0.00E+00	1.71E+01
				Co-58	<1.66E+01	0.00E+00	1.66E+01
				Fe-59	<4.10E+01	0.00E+00	4.10E+01
				Co-60	<1.70E+01	0.00E+00	1.70E+01
				Zn-65	<3.98E+01	0.00E+00	3.98E+01
				Zr-95	<2.88E+01	0.00E+00	2.88E+01
				Nb-95	<2.10E+01	0.00E+00	2.10E+01
				I-131	<1.79E+01	0.00E+00	1.79E+01
				Cs-134	<2.27E+01	0.00E+00	2.27E+01
				Cs-137	7.09E+01	2.55E+01	3.43E+01
				BaLa-140	<2.01E+01	0.00E+00	2.01E+01
				Be-7	6.01E+02	1.69E+02	2.07E+02
				K-40	3.47E+03	5.04E+02	2.56E+02
Sample ID:	613695	Sample Dates: 6/4/2024 - 6/4/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.17E+01	0.00E+00	2.17E+01
				Co-58	<2.14E+01	0.00E+00	2.14E+01
				Fe-59	<5.25E+01	0.00E+00	5.25E+01
				Co-60	<2.14E+01	0.00E+00	2.14E+01
				Zn-65	<4.19E+01	0.00E+00	4.19E+01
				Zr-95	<3.83E+01	0.00E+00	3.83E+01
				Nb-95	<2.93E+01	0.00E+00	2.93E+01
				I-131	<4.84E+01	0.00E+00	4.84E+01
				Cs-134	<2.63E+01	0.00E+00	2.63E+01
				Cs-137	<3.09E+01	0.00E+00	3.09E+01
				BaLa-140	<3.66E+01	0.00E+00	3.66E+01
				Be-7	1.32E+03	2.83E+02	3.12E+02
				K-40	2.37E+03	4.42E+02	3.14E+02
Sample ID:	614915	Sample Dates: 7/1/2024 - 7/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<1.30E+01	0.00E+00	1.30E+01
				Co-58	<2.48E+01	0.00E+00	2.48E+01
				Fe-59	<4.67E+01	0.00E+00	4.67E+01
				Co-60	<2.28E+01	0.00E+00	2.28E+01
				Zn-65	<4.57E+01	0.00E+00	4.57E+01
				Zr-95	<3.41E+01	0.00E+00	3.41E+01
				Nb-95	<2.00E+01	0.00E+00	2.00E+01
				I-131	<3.71E+01	0.00E+00	3.71E+01
				Cs-134	<1.99E+01	0.00E+00	1.99E+01
				Cs-137	4.74E+01	1.97E+01	2.65E+01
				BaLa-140	<3.41E+01	0.00E+00	3.41E+01
				Be-7	1.11E+03	2.38E+02	2.54E+02
				K-40	3.61E+03	5.21E+02	2.27E+02
Sample ID:	616947	Sample Dates: 8/1/2024 - 8/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				Mn-54	<2.57E+01	0.00E+00	2.57E+01
				Co-58	<2.76E+01	0.00E+00	2.76E+01
				Fe-59	<5.57E+01	0.00E+00	5.57E+01
				Co-60	<3.27E+01	0.00E+00	3.27E+01
				Zn-65	<5.54E+01	0.00E+00	5.54E+01
				Zr-95	<4.02E+01	0.00E+00	4.02E+01
				Nb-95	<2.96E+01	0.00E+00	2.96E+01
				I-131	<3.75E+01	0.00E+00	3.75E+01
				Cs-134	<3.09E+01	0.00E+00	3.09E+01
				Cs-137	4.40E+01	3.29E+01	5.15E+01
				BaLa-140	<2.56E+01	0.00E+00	2.56E+01
				Be-7	2.81E+03	4.33E+02	3.18E+02

Media Type: VEGETATION Concentration (Activity): pCi/kg wet

Sample Point 86 [INDICATOR - NNE @ 0 miles]

Sample ID:	616947	Sample Dates: 8/1/2024 - 8/1/2024	MIXEDBLV	Nuclide	Activity	2 Sigma Error	MDA
				K-40	3.07E+03	5.79E+02	4.41E+02
Sample ID:	**618610**	**Sample Dates: 9/3/2024 - 9/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<1.29E+01	0.00E+00	1.29E+01
				Co-58	<1.33E+01	0.00E+00	1.33E+01
				Fe-59	<2.80E+01	0.00E+00	2.80E+01
				Co-60	<1.43E+01	0.00E+00	1.43E+01
				Zn-65	<3.09E+01	0.00E+00	3.09E+01
				Zr-95	<2.10E+01	0.00E+00	2.10E+01
				Nb-95	<1.37E+01	0.00E+00	1.37E+01
				I-131	<2.45E+01	0.00E+00	2.45E+01
				Cs-134	<1.68E+01	0.00E+00	1.68E+01
				Cs-137	6.65E+01	1.79E+01	2.25E+01
				BaLa-140	<2.52E+01	0.00E+00	2.52E+01
				Be-7	2.68E+03	3.19E+02	2.02E+02
				K-40	2.30E+03	3.25E+02	1.92E+02
Sample ID:	**620575**	**Sample Dates: 10/3/2024 - 10/3/2024**	**MIXEDBLV**	**Nuclide**	**Activity**	**2 Sigma Error**	**MDA**
				Mn-54	<2.90E+01	0.00E+00	2.90E+01
				Co-58	<2.89E+01	0.00E+00	2.89E+01
				Fe-59	<5.52E+01	0.00E+00	5.52E+01
				Co-60	<3.04E+01	0.00E+00	3.04E+01
				Zn-65	<5.68E+01	0.00E+00	5.68E+01
				Zr-95	<4.30E+01	0.00E+00	4.30E+01
				Nb-95	<3.16E+01	0.00E+00	3.16E+01
				I-131	<3.87E+01	0.00E+00	3.87E+01
				Cs-134	<2.92E+01	0.00E+00	2.92E+01
				Cs-137	3.96E+01	1.07E+01	2.38E+01
				BaLa-140	<4.41E+01	0.00E+00	4.41E+01
				Be-7	2.57E+03	4.06E+02	3.28E+02
				K-40	2.77E+03	5.09E+02	3.76E+02

APPENDIX F

ERRATA TO PREVIOUS REPORTS

There are no errata to be appended to the
2024 H.B. Robinson Steam Electric Plant AREOR.